

CATALOG NO.

**430i**

July 2019

# Industrial Applications, Product Specifications & Interchange Guide

- **TECHNICAL INFORMATION**
- **SIZE LISTING**
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- **NUMERICAL LISTING**
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**National**<sup>®</sup>  
Oil Seals

**Size Section**

**RADIAL SHAFT SEALS**

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>0.156" (5/32") SHAFT</b>							
0.500	0.504		0.187		S	340872	34
<b>0.250" (1/4") SHAFT</b>							
0.499	0.505		0.187		S	343104	34
0.750	0.758		0.250		S	350435	35
0.750	0.760		0.175		S	240435	24
<b>0.312" (5/16") SHAFT</b>							
0.500	0.506		0.125		S	340826	34
0.625	0.635		0.175		S	240698	24
0.750	0.756		0.250		S	350364	35
0.999	1.003		0.375		S	470195 <sup>RC</sup>	47
1.250	1.254		0.375		L	50445	5L
<b>0.313" SHAFT</b>							
0.686	0.690		0.313		S	712022 <sup>2</sup>	#
0.749	0.753		0.250		V	712021 <sup>2</sup>	#
<b>8,00mm (0.315") SHAFT</b>							
16,00	16,20		7,00		S	220860	35
0.630	0.638		0.276				
18,00	18,20		7,00		S	220818	32
0.709	0.717		0.276				
<b>9,00mm (0.354") SHAFT</b>							
18,00	18,20		7,00		S	220918	35
0.709	0.717		0.276				
<b>0.375" (3/8") SHAFT</b>							
0.562	0.568		0.125		S	340827	34
0.625	0.629		0.125		S	797701	31
0.687	0.691		0.156		S	311189	31
0.749	0.753		0.250		V	487530	48
0.750	0.754		0.250		S	• 310385	31
0.750	0.754		0.250		S	330385	33
0.750	0.756		0.250		S	340385	34
0.750	0.760		0.175		S	240385	24
0.874	0.883		0.312		S	350156	35
0.875	0.880		0.250		S	473096 <sup>RC</sup>	47
0.999	1.003		0.375		S	50197S	5S
0.999	1.004		0.250		S	471103 <sup>RC</sup>	47
<b>0.378" SHAFT</b>							
0.669	0.670		0.138		S	710781	32
<b>0.390" SHAFT</b>							
0.999	1.005		0.125		S	• 2006BG	#
<b>10,00mm (0.394") SHAFT</b>							
18,00	18,10		5,00		N	710780	32
0.709	0.713		0.197				
18,00	18,20		5,00		E	710762	32
0.709	0.717		0.197				
19,00	19,20		7,00		S	221040	35
0.748	0.756		0.276				
<b>0.408" SHAFT</b>							
1.004	1.008		0.208		N	4701N <sup>RC</sup>	49
<b>11,00mm (0.433") SHAFT</b>							
19,00	19,15		5,00		N	710545	31
0.748	0.754		0.197				

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>0.437" (7/16") SHAFT (cont.)</b>							
0.624	0.633		0.125		S	343101	34
<b>0.875</b>	<b>0.880</b>		<b>0.250</b>		<b>S</b>	<b>472810<sup>RC</sup></b>	<b>47</b>
0.875	0.885		0.175		S	240470	24
0.999	1.003		0.375		S	470199 <sup>RC</sup>	47
0.999	1.003		0.375		N	• 470199N	47
0.999	1.003		0.375		V	• 470199V	47
0.999	1.007		0.250		S	6863S	35
1.124	1.128		0.250		S	474277 <sup>RC</sup>	47
<b>0.438" SHAFT</b>							
0.836	0.840		0.188		S	447802	44
0.999	1.003		0.250		S	447803	44
0.999	1.003		0.250		V	487512	48
<b>0.463" SHAFT</b>							
0.736	0.744	0.876	0.232		E	710643	#
<b>0.468" (15/32") SHAFT</b>							
1.124	1.126		0.375		S	470004 <sup>RC</sup>	47
<b>12,00mm (0.472") SHAFT</b>							
			<b>0.236</b>			<b>99049 Redi-Sleeve</b>	
18,00	18,10		6,00		N	711035	32
0.709	0.713		0.236				
19,00	19,20	24,60	8,50		E	710947	#
0.748	0.756	0.969	0.335				
19,00	19,23		7,50		V	710543	97
0.748	0.757		0.295				
19,00	19,23		7,50		S	710544	97
0.748	0.757		0.295				
22,00	22,25		7,00		S	221207	35
0.866	0.876		0.276				
1.000	1.006		0.375		S	320457	32
<b>0.490" SHAFT</b>							
0.875	0.883		0.250		S	340771	34
1.122	1.132		0.265		S	351028	35
<b>0.493" SHAFT</b>							
1.000	1.004		0.250		S	• 471211	47
<b>0.500" (1/2") SHAFT</b>							
			<b>0.250</b>			<b>99050 Redi-Sleeve</b>	
0.687	0.693		0.093		S	342805	34
0.749	0.753		0.093		S	43095S	4S
0.750	0.756		0.125		S	340847	34
0.751	0.756		0.192		S	8792S	31
0.843	0.848		0.250		S	312196	31
0.875	0.879		0.187		S	43080S	#
0.875	0.879		0.187		S	330699	33
0.875	0.879		0.250		V	477732	47
0.875	0.879		0.313		S	712019 <sup>2</sup>	#
0.875	0.881		0.125		S	342613	34
0.875	0.881		0.250		S	342614	34
0.999	1.003		0.250		S	48144 <sup>RC</sup>	48
<b>0.999</b>	<b>1.003</b>		<b>0.250</b>		<b>S</b>	<b>471442<sup>RC</sup></b>	<b>47</b>
0.999	1.003		0.250		N	• 471442N	47

SIZE SECTION

<sup>2</sup>90 PSI Max; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.500" (1/2") SHAFT (cont.)</b>							
0.999	1.003		0.250		V	471442V <sup>RC</sup>	47
0.999	1.003		0.250		S	• 481442	48
0.999	1.003		0.250		N	• 481442N	48
0.999	1.003		0.250		V	• 481442V	48
0.999	1.003		0.250		V	797713	#
0.999	1.003		0.313		S	797712	#
0.999	1.003		0.375		S	410119 <sup>RC</sup>	41
0.999	1.003		0.375		S	470119 <sup>RC</sup>	47
0.999	1.003		0.375		S	• 480119	48
0.999	1.010		0.175		S	240119	24
1.000	1.004		0.281		S	797733	#
1.010	1.017		0.204		V	324234V	32
1.124	1.128		0.250		S	41526S	4S
<b>1.124</b>	<b>1.128</b>		<b>0.250</b>		<b>S</b>	<b>471526<sup>RC</sup></b>	<b>47</b>
1.124	1.128		0.250		V	471526V <sup>RC</sup>	47
1.124	1.128		0.250		V	797715	#
1.124	1.128		0.312		S	• 471294	47
1.124	1.128		0.375		S	• 410005	41
1.124	1.128		0.375		S	450005	45
1.124	1.128		0.375		S	470005 <sup>RC</sup>	47
<b>1.250</b>	<b>1.254</b>		<b>0.250</b>		<b>S</b>	<b>471472<sup>RC</sup></b>	<b>47</b>
<b>1.375</b>	<b>1.379</b>		<b>0.250</b>		<b>S</b>	<b>471549<sup>RC</sup></b>	<b>47</b>
1.378	1.382		0.406		S	472467 <sup>RC</sup>	47
<b>38,50mm (0.516") SHAFT</b>							
58,00			10,00		N	711009	#
2.283			0.394				
<b>0.531" (17/32") SHAFT</b>							
<b>1.124</b>	<b>1.128</b>		<b>0.312</b>		<b>S</b>	<b>471530<sup>RC</sup></b>	<b>47</b>
<b>14,00mm (0.551") SHAFT</b>							
			<b>0.250</b>			<b>99055 Redi-Sleeve</b>	
20,00	20,20		4,00		E	711014	32
0.787	0.795		0.157				
24,00	24,23		7,00		S	221410	35
0.945	0.954		0.276				
25,00	25,20		7,00		N	710116	32
0.984	0.992		0.276				
25,00	25,20		19,00		N	710820	32
0.984	0.992		0.748				
1.000	1.004		0.312		S	473546 <sup>RC</sup>	47
26,00	26,20	31,00	12,30		S	710782	32
1.024	1.031	1.220	0.484				
<b>0.562" (9/16") SHAFT</b>							
0.810	0.814		0.187		N	313156	31
0.875	0.879		0.187		S	314259	31
0.999	1.003		0.250		S	• 471315	47
0.999	1.003		0.250		S	• 481315	48
0.999	1.003		0.250		N	• 481315N	48
0.999	1.003		0.250		V	• 481315V	48
0.999	1.003		0.375		S	• 410202	41
0.999	1.003		0.375		N	• 410202N	41
0.999	1.003		0.375		N	• 450202N	45
0.999	1.003		0.375		S	• 470202	47

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.562" (9/16") SHAFT (cont.)</b>							
<b>1.000</b>	<b>1.004</b>		<b>0.250</b>		<b>S</b>	<b>472705<sup>RC</sup></b>	<b>47</b>
1.000	1.004		0.250		V	472705V <sup>RC</sup>	47
1.000	1.004		0.312		S	• 470650	47
1.004	1.008		0.254		N	718610 <sup>RC</sup>	47
<b>1.124</b>	<b>1.128</b>		<b>0.250</b>		<b>S</b>	<b>471281<sup>RC</sup></b>	<b>47</b>
1.124	1.128		0.250		S	• 481281	48
1.124	1.128		0.312		S	• 411531	41
1.124	1.128		0.375		S	• 410007	41
1.124	1.128		0.375		S	• 470007	47
1.124	1.128		0.375		S	• 480007	48
1.246	1.250		0.375		S	450536 <sup>RC</sup>	45
1.246	1.250		0.375		N	• 450536N	45
1.246	1.250		0.375		S	• 480536	48
<b>1.250</b>	<b>1.254</b>		<b>0.250</b>		<b>S</b>	<b>471535<sup>RC</sup></b>	<b>47</b>
1.250	1.254		0.250		S	• 481535	48
1.250	1.254		0.375		S	• 410016	41
1.250	1.254		0.375		S	• 470016	47
<b>1.375</b>	<b>1.379</b>		<b>0.250</b>		<b>S</b>	<b>471551<sup>RC</sup></b>	<b>47</b>
1.375	1.379		0.312		S	• 411557	41
1.375	1.379		0.406		S	• 410021	41
1.375	1.379		0.406		S	• 470021	47
<b>0.563" SHAFT</b>							
			<b>0.250</b>			<b>99056 Redi-Sleeve</b>	
0.750	0.754		0.094		S	318301	31
<b>15,00mm (0.591") SHAFT</b>							
			<b>0.197</b>			<b>99059 Redi-Sleeve</b>	
21,00	21,15		4,00		N	711060	32
0.827	0.833		0.157				
21,00	21,20		5,00		S	710714	47
0.827	0.835		0.197				
24,00	24,20		5,00		S	2027	35
0.945	0.953		0.197				
24,00	24,23		7,00		S	711029	32
0.945	0.954		0.276				
25,00	25,25		6,00		N	221510	32
0.984	0.994		0.236				
30,00	30,23		7,00		S	221540	35
1.181	1.190		0.276				
<b>0.593" (19/32") SHAFT</b>							
0.935	0.943		0.175		S	340797	34
1.124	1.128		0.312		S	471532 <sup>RC</sup>	47
<b>1.250</b>	<b>1.254</b>		<b>0.312</b>		<b>S</b>	<b>473405<sup>RC</sup></b>	<b>47</b>
1.375	1.379		0.250		S	• 481552	48
<b>1.375</b>	<b>1.379</b>		<b>0.312</b>		<b>S</b>	<b>471558<sup>RC</sup></b>	<b>47</b>
<b>0.610" SHAFT</b>							
1.102	1.106		0.600		V	710274	62
<b>0.614" SHAFT</b>							
0.999	1.006		0.250		S	340724	34
<b>0.621" SHAFT</b>							
1.024	1.031		0.252		N	710690	32
<b>0.625" (5/8") SHAFT</b>							
			<b>0.313</b>			<b>99062 Redi-Sleeve</b>	

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.625" (5/8") SHAFT (cont.)</b>								<b>0.625" (5/8") SHAFT (cont.)</b>							
0.812	0.820		0.093		S	340387	34	1.850	1.855		0.276		V	477709	47
0.875	0.880		0.125		S	253747	25	2.047	2.051		0.312		S	• 472137	47
0.875	0.883		0.093		S	340849	34	<b>0.626" SHAFT</b>							
0.936	0.942		0.187		N	343105	34	2.205	2.213		0.256		V	710261 <sup>CCW</sup>	32
0.937	0.945		0.187		S	7399S	24	<b>16,00mm (0.630") SHAFT</b>							
0.999	1.003		0.250		S	7188S	33				<b>0.313</b>			<b>99058 Redi-Sleeve</b>	
0.999	1.003		0.250		V	477728	47	24,00	24,10		6,00		S	711043	48
0.999	1.003		0.250		S	477733	47	0.945	0.949		0.236				
0.999	1.003		0.250		S	487534	48	25,00	25,20		5,00		S	710862	32
0.999	1.005		0.250		S	351487	35	0.984	0.992		0.197				
1.000	1.005		0.125		N	314267N	31	0.984	0.992		0.236		S	710970	#
<b>1.124 1.128</b>			<b>0.250</b>		<b>S</b>	<b>471466<sup>RC</sup></b>	<b>47</b>	27,00	27,20		6,00		N	710679	35
1.124	1.128		0.250		N	• 471466N	47	1.063	1.071		0.236				
1.124	1.128		0.250		V	471466V <sup>RC</sup>	47	27,00	27,20		14,00		N	221607	35
1.124	1.128		0.250		S	481466 <sup>RC</sup>	48	1.063	1.071		0.551				
1.124	1.128		0.250		V	• 481466V	48	28,00	28,23		7,00		N	221610	32
1.124	1.128		0.312		S	• 410791	41	1.102	1.111		0.276				
1.124	1.128		0.312		S	• 470791	47	30,00	30,23		7,00		S	221620	35
1.124	1.128		0.312		N	• 470791N	47	1.181	1.190		0.276				
1.124	1.128		0.312		S	• 480791	48	1.762	1.770		0.354		V	714616	34
1.124	1.128		0.375		S	• 410009	41	<b>0.656" (21/32") SHAFT</b>							
1.124	1.128		0.375		N	• 410009N	41	<b>1.124 1.128</b>			<b>0.250</b>		<b>S</b>	<b>481528<sup>RC</sup></b>	<b>48</b>
1.124	1.128		0.375		V	• 450009V	45	<b>1.250 1.254</b>			<b>0.250</b>		<b>S</b>	<b>481537<sup>RC</sup></b>	<b>48</b>
1.124	1.128		0.375		N	• 470009N	47	1.250	1.258		0.250		S	340469	34
1.124	1.128		0.375		S	• 480009	48	<b>1.375 1.379</b>			<b>0.250</b>		<b>S</b>	<b>481073<sup>RC</sup></b>	<b>48</b>
1.124	1.128		0.375		S	712024 <sup>2</sup>	#	1.375	1.379		0.406		S	• 450023	45
1.124	1.130		0.250		S	340009S	34	<b>1.575 1.579</b>			<b>0.250</b>		<b>S</b>	<b>481397<sup>RC</sup></b>	<b>48</b>
1.124	1.130		0.250		S	351466	35	<b>0.668" SHAFT</b>							
1.124	1.135		0.175		S	240009	24	1.187	1.191		0.185		S	481481	48
1.181	1.185		0.250		S	477730	47	<b>17,00mm (0.669") SHAFT</b>							
1.246	1.250		0.375		S	450535 <sup>RC</sup>	45				<b>0.315</b>			<b>99068 Redi-Sleeve</b>	
1.250	1.254		0.250		S	41264S	4S	0.819	0.823		0.122		S	710361	44
<b>1.250 1.254</b>			<b>0.250</b>		<b>S</b>	<b>471264<sup>RC</sup></b>	<b>47</b>	1.064	1.068		0.250		S	487528	48
1.250	1.254		0.250		V	471264V <sup>RC</sup>	47	28,00	28,23		7,00		N	221710	35
1.250	1.254		0.375		S	• 410018	41	1.102	1.111		0.276				
<b>1.375 1.379</b>			<b>0.250</b>		<b>S</b>	<b>471255<sup>RC</sup></b>	<b>47</b>	30,00	30,23		8,00		S	221720	32
1.375	1.379		0.250		V	471255V <sup>RC</sup>	47	1.181	1.190		0.276				
1.375	1.379		0.312		S	• 411324	41	32,00	32,22		7,00		S	221730	35
1.375	1.379		0.312		S	• 471324	47	1.260	1.269		0.276				
1.375	1.379		0.406		S	• 410023	41	34,00	34,10		7,90		N	710251	47
1.375	1.379		0.406		S	• 480023	48	1.339	1.343		0.311				
1.375	1.385		0.175		S	240023	24	<b>0.684" SHAFT</b>							
1.377	1.381		0.406		S	470557 <sup>RC</sup>	47				<b>0.313</b>			<b>99060 Redi-Sleeve</b>	
<b>1.499 1.503</b>			<b>0.250</b>		<b>S</b>	<b>471564<sup>RC</sup></b>	<b>47</b>	<b>0.687" (11/16") SHAFT</b>							
1.499	1.503		0.312		S	• 411577	41	<b>1.124 1.128</b>			<b>0.250</b>		<b>S</b>	<b>471529<sup>RC</sup></b>	<b>47</b>
1.499	1.503		0.312		S	• 471577	47	1.124	1.128		0.250		S	• 471529SSR	47
1.499	1.503		0.390		S	• 410975	41	1.124	1.128		0.375		S	• 480137	48
1.499	1.503		0.390		S	• 450975	45	1.125	1.129		0.312		S	• 471297	47
1.499	1.503		0.390		S	• 470975	47	1.125	1.129		0.312		N	• 471297N	47
<b>1.575 1.579</b>			<b>0.312</b>		<b>S</b>	<b>471612<sup>RC</sup></b>	<b>47</b>	1.187	1.191		0.187		S	474261 <sup>RC</sup>	47
<b>1.624 1.628</b>			<b>0.312</b>		<b>S</b>	<b>471653<sup>RC</sup></b>	<b>47</b>								
1.624	1.628		0.437		S	• 411024	41								
1.624	1.628		0.489		S	• 472207	47								
1.625	1.629		0.250		S	484114 <sup>RC</sup>	48								
1.752	1.756		0.312		S	• 471695	47								

SIZE SECTION

<sup>2</sup>90 PSI Max; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.687" (11/16") SHAFT (cont.)</b>							
1.250	1.254		0.250		S	8773S <sup>CW</sup>	25
<b>1.250</b>	<b>1.254</b>		<b>0.250</b>		<b>S</b>	<b>471538<sup>RC</sup></b>	<b>47</b>
<b>1.375</b>	<b>1.379</b>		<b>0.250</b>		<b>S</b>	<b>471553<sup>RC</sup></b>	<b>47</b>
1.375	1.379		0.406		S	450025 <sup>RC</sup>	45
<b>1.499</b>	<b>1.503</b>		<b>0.312</b>		<b>S</b>	<b>471579<sup>RC</sup></b>	<b>47</b>
1.624	1.628		0.250		S	471642 <sup>RC</sup>	47
<b>0.689" SHAFT</b>							
24,00	24,20		5,50		E	710753	32
0.945	0.953		0.217				
1.083	1.091		0.276		N	710299	32
<b>0.690" SHAFT</b>							
0.997	1.003	1.255	0.295		S	3667	271
<b>18,00mm (0.709") SHAFT</b>							
			<b>0.315</b>			<b>99082 Redi-Sleeve</b>	
23,00	23,20		4,00		S	710297	34
0.906	0.913		0.157				
26,00	26,10		4,00		S	710222	98
1.024	1.028		0.157				
30,00	30,20		7,00		N	221820 <sup>CW</sup>	32
1.181	1.189		0.276				
30,00	32,10		7,50		S	710156	32
1.181	1.264		0.295				
32,00	32,22		8,00		S	221830	35
1.260	1.269		0.315				
34,00	34,20		8,00		S	710412	32
1.339	1.346		0.315				
<b>0.718" (23/32") SHAFT</b>							
1.124	1.128		0.375		L	50405	5L
1.250	1.254		0.375		S	470506 <sup>RC</sup>	47
<b>0.735" SHAFT</b>							
1.248	1.252		0.250		S	472878 <sup>RC</sup>	47
<b>0.736" SHAFT</b>							
1.378	1.386		0.276		N	710272	32
<b>0.737" SHAFT</b>							
1.375	1.379		0.343		S	473416 <sup>RC</sup>	47
<b>0.742" SHAFT</b>							
1.063	1.067		0.187		S	7929S	33
<b>19,00mm (0.748") SHAFT</b>							
32,00	32,20		8,00		S	221922	32
1.260	1.268		0.315				
35,00	35,20		8,00		S	710445	35
1.378	1.386		0.315				
37,00	37,20		7,00		N	710805 <sup>CW</sup>	32
1.457	1.465		0.276				
38,00	38,20		7,00		S	710154	32
1.496	1.504		0.276				
<b>0.750" (3/4") SHAFT</b>							
			<b>0.313</b>			<b>99076 Redi-Sleeve</b>	

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.750" (3/4") SHAFT (cont.)</b>							
			<b>0.375</b>			<b>99075 Redi-Sleeve</b>	
0.999	1.010		0.156		S	240735	24
1.000	1.005		0.125		S	312518	31
1.000	1.008		0.225		N	710597	#
1.031	1.035		0.313		S	7214	49
1.062	1.072		0.187		S	240816	24
1.124	1.128		0.188		S	7750	48
1.124	1.128		0.188		V	487505	48
1.124	1.129		0.187		S	254270	25
1.124	1.133		0.250		S	340495	34
1.125	1.129		0.250		S	1049	33
1.125	1.131		0.156		S	343185	34
1.187	1.191		0.156		S	447804	44
1.250	1.254		0.125		S	797702	31
1.250	1.254		0.188		S	487525	48
<b>1.250</b>	<b>1.254</b>		<b>0.250</b>		<b>S</b>	<b>470954<sup>RC</sup></b>	<b>47</b>
1.250	1.254		0.250		N	• 470954N	47
1.250	1.254		0.250		V	470954V <sup>RC</sup>	47
1.250	1.254		0.250		S	480954 <sup>RC</sup>	48
1.250	1.254		0.250		N	• 480954N	48
1.250	1.254		0.250		V	480954V <sup>RC</sup>	48
1.250	1.254		0.250		S	712027 <sup>2</sup>	#
1.250	1.254		0.280		S	2287	274
1.250	1.254		0.281		S	797734	#
1.250	1.254		0.312		S	6835S	33
1.250	1.254		0.375		V	• 450141V	45
1.250	1.254		0.375		S	470141 <sup>RC</sup>	47
1.250	1.254		0.375		S	712014 <sup>2</sup>	#
1.250	1.256		0.250		S	350954	35
1.250	1.258		0.312		S	350679	35
1.263	1.267		0.250		S	• 472129	47
1.302	1.306		0.250		S	474131 <sup>RC</sup>	47
1.311	1.315		0.312		S	7013S	25
1.312	1.316		0.250		S	477704	47
1.312	1.316		0.250		S	480821 <sup>RC</sup>	48
1.375	1.379		0.250		S	40027S	4S
<b>1.375</b>	<b>1.379</b>		<b>0.250</b>		<b>S</b>	<b>471554<sup>RC</sup></b>	<b>47</b>
1.375	1.379		0.250		N	• 471554N	47
1.375	1.379		0.250		V	471554V <sup>RC</sup>	47
1.375	1.379		0.312		S	• 410895	41
1.375	1.379		0.312		S	470895 <sup>RC</sup>	47
1.375	1.379		0.312		S	• 480895	48
1.375	1.379		0.406		S	• 410027SSR	41
1.375	1.379		0.406		N	• 450027N	45
1.375	1.379		0.406		S	470027 <sup>RC</sup>	47
<b>1.499</b>	<b>1.503</b>		<b>0.250</b>		<b>S</b>	<b>471567<sup>RC</sup></b>	<b>47</b>
1.499	1.503		0.312		S	• 411580	41
1.499	1.503		0.390		S	• 480028	48
<b>1.561</b>	<b>1.565</b>		<b>0.375</b>		<b>S</b>	<b>450340<sup>RC</sup></b>	<b>45</b>
<b>1.575</b>	<b>1.579</b>		<b>0.312</b>		<b>S</b>	<b>471498<sup>RC</sup></b>	<b>47</b>
<b>1.624</b>	<b>1.628</b>		<b>0.250</b>		<b>S</b>	<b>471643<sup>RC</sup></b>	<b>47</b>
1.624	1.628		0.250		V	477703	47
1.624	1.628		0.250		V	487501	48
1.624	1.628		0.312		S	• 451656	45
1.624	1.628		0.437		S	470211 <sup>RC</sup>	47

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.750" (3/4") SHAFT (cont.)</b>							
1.752	1.756		0.250		S	471684 <sup>RC</sup>	47
1.752	1.756		0.250		V	477706	47
1.752	1.756		0.312		S	471698 <sup>RC</sup>	47
1.752	1.756		0.312		V	• 471698V	47
1.752	1.756		0.437		S	• 410222	41
1.783	1.787		0.250		S	473196 <sup>RC</sup>	47
1.828	1.832		0.375		S	473406 <sup>RC</sup>	47
1.874	1.878		0.250		S	470390 <sup>RC</sup>	47
1.874	1.878		0.250		N	• 470390N	47
1.983	1.987		0.250		S	473407 <sup>RC</sup>	47
2.047	2.051		0.312		S	472649 <sup>RC</sup>	47
2.127	2.131		0.250		S	472538 <sup>RC</sup>	47
<b>0.760" SHAFT</b>							
			0.313			99081 Redi-Sleeve	
<b>0.781" (25/32") SHAFT</b>							
			0.313			99080 Redi-Sleeve	
1.250	1.254		0.250		S	470601 <sup>RC</sup>	47
1.375	1.379		0.250		S	471443 <sup>RC</sup>	47
1.375	1.379		0.250		N	• 471443N	47
1.375	1.379		0.250		S	481443 <sup>RC</sup>	48
1.375	1.379		0.250		V	481443V <sup>RC</sup>	48
1.499	1.503		0.250		S	481568 <sup>RC</sup>	48
1.624	1.628		0.250		S	481644 <sup>RC</sup>	48
1.752	1.756		0.312		S	471337 <sup>RC</sup>	47
1.828	1.832		0.437		S	470034 <sup>RC</sup>	47
1.828	1.833		0.250		S	474273 <sup>RC</sup>	47
1.850	1.854		0.312		S	• 482089	48
<b>20,00mm (0.787") SHAFT</b>							
			0.313			99078 Redi-Sleeve	
26,00	26,20		4,50		V	710809	32
1,024	1,031		0,177				
30,00	30,20		7,00		N	222025 <sup>CW</sup>	32
1,181	1,189		0,276				
32,00	32,21		5,00		N	710450 <sup>CW</sup>	32
1,260	1,268		0,197				
32,00	32,23		5,00		S	222020 <sup>RC</sup>	35
1,260	1,269		0,197				
34,00	34,25		7,00		S	222028 <sup>CCW</sup>	32
1,339	1,348		0,276				
35,00	35,23		5,50		S	711040 <sup>CW</sup>	32
1,378	1,387		0,217				
35,00	35,23		7,00		S	222030 <sup>CW</sup>	32
1,378	1,387		0,276				
36,00	36,20		7,00		V	222036	32
1,417	1,425		0,276				
40,00	40,23		7,00		S	222050	35
1,575	1,584		0,276				
47,00	47,20		7,00		S	222060	35
1,850	1,858		0,276				
<b>0.796" SHAFT</b>							
1.499	1.503		0.625		S	6357S	92
<b>0.812" (13/16") SHAFT</b>							
1.250	1.254		0.250		S	471539 <sup>RC</sup>	47

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.812" (13/16") SHAFT (cont.)</b>							
1.250	1.254		0.254		V	8609	47
1.250	1.254		0.375		S	450431 <sup>RC</sup>	45
1.312	1.316		0.250		S	480889 <sup>RC</sup>	48
1.375	1.379		0.250		S	• 480673	48
1.375	1.379		0.312		S	471231 <sup>RC</sup>	47
1.375	1.379		0.312		V	471231V <sup>RC</sup>	47
1.375	1.379		0.406		S	• 480204	48
1.499	1.503		0.250		S	474253 <sup>RC</sup>	47
1.499	1.503		0.390		S	450030 <sup>RC</sup>	45
1.499	1.503		0.390		N	• 450030N	45
1.561	1.565		0.375		S	470515 <sup>RC</sup>	47
1.575	1.579		0.375		S	450588 <sup>RC</sup>	45
1.624	1.628		0.250		S	471645 <sup>RC</sup>	47
1.624	1.628		0.250		V	471645V <sup>RC</sup>	47
1.752	1.756		0.250		S	471686 <sup>RC</sup>	47
1.828	1.832		0.375		S	473412 <sup>RC</sup>	47
1.874	1.878		0.250		S	471729 <sup>RC</sup>	47
2.441	2.445		0.375		S	472950 <sup>RC</sup>	47
<b>0.843" (27/32") SHAFT</b>							
1.374	1.378		0.312		S	472452 <sup>RC</sup>	47
1.499	1.503		0.250		S	473413 <sup>RC</sup>	47
1.624	1.628		0.250		S	473414 <sup>RC</sup>	47
1.828	1.832		0.312		S	473415 <sup>RC</sup>	47
<b>0.859" SHAFT</b>							
			0.250			99086 Redi-Sleeve	
<b>0.860" SHAFT</b>							
1.437	1.441		0.250		N	482069N <sup>RC</sup>	48
<b>0.864" SHAFT</b>							
1.375	1.379		0.250		S	• 472065	47
1.375	1.379		0.250		N	• 472065N	47
<b>22,00mm (0.866") SHAFT</b>							
			0.259			99084 Redi-Sleeve	
			0.315			99085 Redi-Sleeve	
38,00	38,20		8,00		S	222238	32
1,496	1,504		0,315				
40,00	40,23		7,00		S	222240	35
1,575	1,584		0,276				
<b>0.875" (7/8") SHAFT</b>							
			0.313			99087 Redi-Sleeve	
1.124	1.135		0.125		S	240733	24
1.187	1.193		0.187		S	340850	34
1.245	1.256		0.187		S	5976S	34
1.249	1.254		0.187		S	7840S	31
1.250	1.254		0.250		V	487529	48
1.250	1.254		0.250		V	797714	#
1.250	1.255		0.250		S	254287	25
1.250	1.256		0.250		S	340483	34
1.251	1.255		0.188		S	447805	44
1.254	1.260		0.205		S	7014S	4S
1.308	1.314		0.250		S	353132	35

SIZE SECTION

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.875" (7/8") SHAFT (cont.)</b>							
1.308	1.316		0.250		S	340413	34
1.374	1.378		0.406		S	470398 <sup>RC</sup>	47
1.375	1.379		0.187		S	440131 <sup>RC</sup>	44
<b>1.375</b>	<b>1.379</b>		<b>0.250</b>		<b>S</b>	<b>471267<sup>RC</sup></b>	<b>47</b>
1.375	1.379		0.250		H	• 471267H <sup>RC</sup>	47
1.375	1.379		0.250		V	471267V <sup>RC</sup>	47
1.375	1.379		0.250		S	481267 <sup>RC</sup>	48
1.375	1.379		0.250		N	• 481267N	48
1.375	1.379		0.250		V	712015 <sup>2</sup>	#
1.375	1.379		0.312		T	38832 <sup>CW</sup>	94
1.375	1.379		0.312		V	• 450567V	45
1.375	1.379		0.312		S	470567 <sup>RC</sup>	47
1.375	1.379		0.312		N	470567N <sup>RC</sup>	47
1.375	1.379		0.312		V	• 470567V	47
1.375	1.379		0.312		S	• 480567	48
1.375	1.379		0.312		N	• 480567N	48
1.375	1.381		0.250		S	351267	35
1.375	1.385		0.312		S	350567	35
1.436	1.441		0.256		S	712270	48
1.497	1.501		0.313		V	797711	#
<b>1.499</b>	<b>1.503</b>		<b>0.250</b>		<b>S</b>	<b>471570<sup>RC</sup></b>	<b>47</b>
1.499	1.503		0.250		V	471570V <sup>RC</sup>	47
1.499	1.503		0.250		S	• 481570	48
1.499	1.503		0.250		V	• 481570V	48
1.499	1.503		0.312		S	• 410680	41
1.499	1.503		0.312		N	• 410680N	41
1.499	1.503		0.312		S	470680 <sup>RC</sup>	47
1.499	1.503		0.312		S	• 480680	48
1.499	1.503		0.390		N	• 450032N	45
<b>1.577</b>	<b>1.581</b>		<b>0.250</b>		<b>S</b>	<b>471633<sup>RC</sup></b>	<b>47</b>
1.577	1.581		0.250		N	• 471633N	47
<b>1.624</b>	<b>1.628</b>		<b>0.250</b>		<b>S</b>	<b>471646<sup>RC</sup></b>	<b>47</b>
1.624	1.628		0.256		V	477716	47
1.750	1.754		0.312		V	• 473285V	47
<b>1.752</b>	<b>1.756</b>		<b>0.250</b>		<b>S</b>	<b>470590<sup>RC</sup></b>	<b>47</b>
1.752	1.756		0.312		S	• 451700	45
<b>1.828</b>	<b>1.832</b>		<b>0.375</b>		<b>S</b>	<b>471137<sup>RC</sup></b>	<b>47</b>
<b>1.874</b>	<b>1.878</b>		<b>0.250</b>		<b>S</b>	<b>471730<sup>RC</sup></b>	<b>47</b>
2.000	2.004		0.437		S	470645 <sup>RC</sup>	47
<b>23,00mm (0.905") SHAFT</b>							
32,00	32,20		5,50		S	710254	34
1.260	1.268		0.217				
40,00	40,23		7,00		N	222340 <sup>RC,CCW</sup>	32
1.575	1.584		0.276				
<b>0.906" (29/32") SHAFT</b>							
1.499	1.503		0.390		S	470207 <sup>RC</sup>	47
1.828	1.832		0.437		S	450038 <sup>RC</sup>	45
<b>0.910" SHAFT</b>							
			0.313			99091 Redi-Sleeve	
<b>0.937" (15/16") SHAFT</b>							
1.375	1.379		0.312		S	471015 <sup>RC</sup>	47
1.375	1.383		0.250		S	340787	34

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>0.937" (15/16") SHAFT (cont.)</b>							
<b>1.499</b>	<b>1.503</b>		<b>0.250</b>		<b>S</b>	<b>471571<sup>RC</sup></b>	<b>47</b>
1.499	1.503		0.250		V	471571V <sup>RC</sup>	47
1.499	1.504		0.312		S	• 481582	48
<b>1.624</b>	<b>1.628</b>		<b>0.250</b>		<b>S</b>	<b>471647<sup>RC</sup></b>	<b>47</b>
1.750	1.754		0.312		S	472951 <sup>RC</sup>	47
<b>1.752</b>	<b>1.756</b>		<b>0.250</b>		<b>S</b>	<b>474252<sup>RC</sup></b>	<b>47</b>
<b>1.828</b>	<b>1.832</b>		<b>0.437</b>		<b>S</b>	<b>450039<sup>RC</sup></b>	<b>45</b>
1.828	1.832		0.437		S	• 480039	48
1.850	1.854		0.312		S	474235 <sup>RC</sup>	47
<b>0.938" SHAFT</b>							
1.500	1.504		0.375		F	5MR1300	#
<b>24,00mm (0.945") SHAFT</b>							
			0.313			99092 Redi-Sleeve	
35,00	35,23		7,00		S	222410	35
1.378	1.387		0.276				
40,00	40,23		7,00		S	222430	35
1.575	1.584		0.276				
2.441	2.446		0.315		V	477707	47
<b>24,50mm (0.965") SHAFT</b>							
41,00	41,20		6,00		E	710974 <sup>CW</sup>	32
1.614	1.622		0.236				
<b>0.968" (31/32") SHAFT</b>							
1.499	1.503		0.250		L	40208	4L
<b>1.499</b>	<b>1.503</b>		<b>0.312</b>		<b>S</b>	<b>451583<sup>RC</sup></b>	<b>45</b>
1.499	1.503		0.312		V	451583V <sup>RC</sup>	45
1.500	1.507		0.187		S	6324S	34
1.575	1.579		0.375		S	450545	45
<b>1.624</b>	<b>1.628</b>		<b>0.250</b>		<b>S</b>	<b>471648<sup>RC</sup></b>	<b>47</b>
1.686	1.690		0.312		S	8059S	25
1.750	1.754		0.375		S	• 482582	48
<b>1.752</b>	<b>1.756</b>		<b>0.250</b>		<b>S</b>	<b>471688<sup>RC</sup></b>	<b>47</b>
1.752	1.756		0.250		S	• 481688	48
<b>1.828</b>	<b>1.832</b>		<b>0.437</b>		<b>S</b>	<b>450040<sup>RC</sup></b>	<b>45</b>
<b>1.850</b>	<b>1.854</b>		<b>0.375</b>		<b>S</b>	<b>482309<sup>RC</sup></b>	<b>48</b>
1.850	1.854		0.375		V	• 482309V	48
1.874	1.878		0.437		S	451082 <sup>RC</sup>	45
2.048	2.052		0.375		S	482310 <sup>RC</sup>	48
2.062	2.066		0.437		S	450339 <sup>RC</sup>	45
2.062	2.066		0.437		N	• 450339N	45
2.440	2.445		0.375		S	472238 <sup>RC</sup>	47
<b>0.969" SHAFT</b>							
			0.313			99094 Redi-Sleeve	
			0.625			99096 Redi-Sleeve	
<b>25,00mm (0.984") SHAFT</b>							
			0.313			99098 Redi-Sleeve	
35,00	35,25		6,00		H	712007 <sup>CW</sup>	32
1.378	1.388		0.276				
37,00	37,26		7,00		S	320603 <sup>CW</sup>	32
1.457	1.467		0.276				
38,00	38,23		7,00		S	222535	32
1.496	1.505		0.276				



Size Section

RADIAL SHAFT SEALS

24,99mm (0.984") SHAFT (cont.)							1.000" (1-3/32") SHAFT (cont.)								
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
1.499	1.503		0.250		S	472324 <sup>RC</sup>	47	1.499	1.503		0.390		S	470120 <sup>RC</sup>	47
1.499	1.503		0.250		V	472324V <sup>RC</sup>	47	1.499	1.503		0.390		N	•470120N	47
1.499	1.504	1.654	0.250		V	4458V <sup>RC</sup>	#	1.499	1.507		0.250		S	340120	34
1.499	1.504		0.250		V	•4458VGR	#	1.500	1.505		0.250		S	797709	#
1.500	1.504		0.312		S	•471171	47	1.500	1.505		0.281		S	797735	#
39,50	39,70		8,00		E	710844 <sup>CW</sup>	32	1.502	1.510		0.312		S	350909	35
1.555	1.563		0.315					1.561	1.565		0.250		S	471270 <sup>RC</sup>	47
1.575	1.579		0.374		S	•450908	45	1.561	1.565		0.250		V	471270V <sup>RC</sup>	47
1.575	1.579		0.374		V	450908V	45	1.563	1.569		0.187		S	343123	34
40,00	40,22		7,00		S	222540	47	1.575	1.579		0.250		S	473380 <sup>RC</sup>	47
1.575	1.583		0.276					1.624	1.628		0.250		S	471649 <sup>RC</sup>	47
40,00	40,20		8,00		S	710316 <sup>CW</sup>	32	1.624	1.628		0.250		V	471649V <sup>RC</sup>	47
1.575	1.583		0.315					1.624	1.628		0.437		S	•410219	41
1.596	1.601		0.250		S	712018 <sup>2</sup>	#	1.624	1.628		0.437		N	•450219N	45
41,00	41,09		8,00		T	39867 <sup>RC,CCW</sup>	W-H	1.624	1.628		0.437		S	470219 <sup>RC</sup>	47
1.614	1.618		0.315					1.624	1.628		0.437		N	•470219N	47
41,00	41,20		8,00		N	710729 <sup>CCW</sup>	32	1.625	1.629		0.375		S	•481239	48
1.614	1.622		0.315					1.686	1.690		0.250		S	474250 <sup>RC</sup>	47
44,00	44,20		7,00		S	222558	32	1.686	1.690		0.256		V	487536	48
1.732	1.740		0.276					1.752	1.756		0.250		S	40230S	4S
1.752	1.756		0.313		V	712012 <sup>2</sup>	#	1.752	1.756		0.250		S	471689 <sup>RC</sup>	47
1.828	1.832		0.437		S	450457 <sup>RC</sup>	45	1.752	1.756		0.250		V	471689V <sup>RC</sup>	47
1.828	1.838		0.187		S	240457	24	1.752	1.756		0.312		S	•451703	45
2.062	2.066		0.437		S	450693 <sup>RC</sup>	45	1.752	1.756		0.312		S	•471703	47
<b>0.996" SHAFT</b>							1.752	1.756		0.313		S	712013 <sup>2</sup>	#	
1.508	1.516		0.315		E	710857	#	1.752	1.756		0.375		S	•480541	48
<b>1.000" (1-3/32") SHAFT</b>							1.752	1.756		0.437		S	470230 <sup>RC</sup>	47	
			0.313			99101 Redi-Sleeve		1.752	1.756		0.437		S	•480230	48
1.250	1.254		0.536		S	6847S	#	1.780	1.785		0.468		S	203005	203
1.250	1.260		0.125		S	240731	24	1.780	1.785		0.468		S	204005	204
1.312	1.318		0.125		S	342517	34	1.780	1.785		0.468		F	205005	205
1.375	1.379		0.187		S	441130 <sup>RC</sup>	44	1.781	1.785		0.250		S	797727	#
1.375	1.379		0.250		S	252277 <sup>RC</sup>	25	1.828	1.832		0.296		S	450593 <sup>RC</sup>	45
1.375	1.379		0.250		V	487508	48	1.828	1.832		0.375		S	•482336	48
1.375	1.379		0.250		S	797710	#	1.828	1.832		0.437		S	470041 <sup>RC</sup>	47
1.437	1.441		0.250		T	39910 <sup>BI</sup>	W	1.828	1.832		0.437		S	•480041	48
1.437	1.441		0.250		S	42311S	4S	1.851	1.855		0.250		S	447807	44
1.437	1.441		0.250		S	472311 <sup>RC</sup>	47	1.851	1.855		0.250		S	487538	48
1.437	1.441		0.250		V	472311V <sup>RC</sup>	47	1.874	1.878		0.250		S	471733 <sup>RC</sup>	47
1.437	1.445		0.250		S	350414	35	1.874	1.878		0.250		N	•471733N	47
1.437	1.447		0.187		S	240414	24	1.874	1.878		0.375		S	•482522	48
1.499	1.503		0.250		L	40120	4L	1.936	1.948		0.187		S	240462	24
1.499	1.503		0.250		S	471224 <sup>RC</sup>	47	1.938	1.942		0.250		S	487532	48
1.499	1.503		0.250		N	•471224N	47	1.983	1.987		0.250		S	471744 <sup>RC</sup>	47
1.499	1.503		0.250		V	471224V <sup>RC</sup>	47	1.983	1.987		0.250		V	477724	47
1.499	1.503		0.250		S	•481224	48	2.000	2.004		0.250		S	40157S	4S
1.499	1.503		0.250		V	481224V <sup>RC</sup>	48	2.000	2.004		0.250		S	471760 <sup>RC</sup>	47
1.499	1.503		0.250		S	712016 <sup>2</sup>	#	2.000	2.004		0.250		V	471760V <sup>RC</sup>	47
1.499	1.503		0.250		V	797703	#	2.000	2.004		0.437		S	•450157	45
1.499	1.503		0.312		F	5857	29	2.000	2.004		0.437		S	•470157	47
1.499	1.503		0.312		S	470553 <sup>RC</sup>	47	2.047	2.051		0.312		S	472138 <sup>RC</sup>	47
1.499	1.503		0.312		N	•470553N	47	2.047	2.051		0.312		N	•472138N	47
1.499	1.503		0.312		S	•480553	48	2.062	2.066		0.250		S	471619 <sup>RC</sup>	47
1.499	1.503		0.390		S	•450120	45	2.062	2.066		0.375		S	453165	45
								2.062	2.066		0.437		S	•410187	41

SIZE SECTION

<sup>2</sup>90 PSI Max; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order



Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.000" (1-3/32") SHAFT (cont.)</b>							
2.250	2.254		0.250		S	487531	48
2.441	2.445		0.375		S	471516 <sup>RC</sup>	47
2.441	2.447		0.375		S	321516	32
2.533	2.537		0.250		S	472539 <sup>RC</sup>	47
<b>1.004" SHAFT</b>							
1.476	1.484		0.217		V	710553 <sup>CW</sup>	32
1.516	1.524		0.335		S	710303	35
<b>26,00mm (1.024") SHAFT</b>							
			<b>0.313</b>			<b>99103 Redi-Sleeve</b>	
37,50	37,70		6,00		V	710935 <sup>CW</sup>	32
1.476	1.484		0.236				
38,00	38,20		8,00		N	222630	32
1.496	1.504		0.315				
40,00	40,20		7,00		V	710816 <sup>CW</sup>	32
1.575	1.583		0.276				
42,00	42,20		8,00		V	710399 <sup>CW</sup>	32
1.654	1.662		0.315				
48,00	48,23		7,00		S	222655	32
1.890	1.899		0.276				
<b>1.031" SHAFT</b>							
1.575	1.579		0.312		S	471076 <sup>RC</sup>	47
1.624	1.628		0.250		S	481650 <sup>RC</sup>	48
<b>1.043" SHAFT</b>							
1.732	1.748		0.315		S	710153	32
<b>1.055" SHAFT</b>							
1.500	1.504		0.268		S	9376	68
<b>1.060" SHAFT</b>							
1.750	1.758		0.252		N	710728 <sup>CW</sup>	32
<b>1.062" SHAFT</b>							
			<b>0.313</b>			<b>99106 Redi-Sleeve</b>	
1.499	1.503		0.312		S	480210 <sup>RC</sup>	48
1.561	1.565		0.375		S	450188 <sup>RC</sup>	45
1.575	1.581		0.250		S	3732S <sup>CW</sup>	48
1.624	1.628		0.250		S	471651 <sup>RC</sup>	47
1.624	1.628		0.312		S	451664	45
1.686	1.690		0.375		S	470606 <sup>RC</sup>	47
1.752	1.756		0.312		S	471705 <sup>RC</sup>	47
1.752	1.756		0.375		S	481718	48
1.828	1.832		0.375		S	473419 <sup>RC</sup>	47
1.828	1.832		0.437		S	450043 <sup>RC</sup>	45
1.828	1.832		0.437		S	480043	48
1.874	1.878		0.250		S	471735 <sup>RC</sup>	47
1.983	1.987		0.437		S	450342 <sup>RC</sup>	45
1.983	1.987		0.437		N	450342N	45
2.000	2.004		0.250		S	471762 <sup>RC</sup>	47
2.062	2.066		0.375		S	473420 <sup>RC</sup>	47
2.835	2.839		0.375		S	472953 <sup>RC</sup>	47
2.835	2.839		0.375		V	472953V <sup>RC</sup>	47
<b>27,00mm (1.063") SHAFT</b>							
1.499	1.503		0.250		V	487504	48

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>27,00mm (1.063") SHAFT (cont.)</b>							
1.512	1.519		0.256		N	487521	48
1.514	1.519		0.256		S	487524	48
40,00	40,20		8,00		H	712009 <sup>CCW</sup>	32
1.575	1.583		0.315				
42,00	42,10		7,00		V	222742	48
1.654	1.657		0.276				
43,00	43,20		7,00		N	710511 <sup>CW</sup>	32
1.693	1.701		0.276				
43,00	43,20		9,00		H	222743 <sup>CCW</sup>	32
1.693	1.701		0.354				
43,00	43,25		9,00		N	1990 <sup>RC,CW</sup>	32
1.693	1.703		0.354				
45,00	45,25		9,00		N	222745 <sup>CW</sup>	32
1.772	1.781		0.354				
<b>1.089" SHAFT</b>							
			<b>0.313</b>			<b>99108 Redi-Sleeve</b>	
<b>1.093" SHAFT</b>							
1.828	1.832		0.437		S	450044 <sup>RC</sup>	45
1.874	1.878		0.437		V	480235V	48
2.000	2.004		0.437		S	450159 <sup>RC</sup>	45
<b>1.100" SHAFT</b>							
1.572	1.578		0.308		N	2503N <sup>RC,CW</sup>	48
<b>28,00mm (1.102") SHAFT</b>							
			<b>0.375</b>			<b>99111 Redi-Sleeve</b>	
35,50	35,70		5,20		V	710671	36
1.398	1.406		0.205				
37,00	37,20		19,50		N	710821	32
1.457	1.465		0.768				
38,00	38,20		7,00		V	713087 <sup>CW</sup>	32
1.496	1.504		0.276				
40,00	40,20		8,00		S	710325 <sup>CW</sup>	32
1.575	1.583		0.315				
40,00	40,20		9,00		V	711119 <sup>CW</sup>	47
1.575	1.583		0.354				
40,00	40,34		7,00		S	222820	33
1.575	1.588		0.276				
41,00	41,10		8,00		T	39869 <sup>CW</sup>	#
1.614	1.618		0.315				
41,00	41,27		7,00		N	222830 <sup>CCW</sup>	32
1.614	1.625		0.276				
42,00	42,20		7,00		E	711025 <sup>CW</sup>	32
1.654	1.661		0.276				
42,00	42,20		8,00		H	712008	32
1.654	1.661		0.315				
43,00	43,23		7,00		S	710157 <sup>CW</sup>	32
1.693	1.702		0.276				
43,00	43,23		8,00		N	710119	32
1.693	1.702		0.315				
44,00	44,20		6,00		N	222835	32
1.732	1.740		0.236				
47,00	47,22		8,00		N	222860 <sup>CW</sup>	32
1.850	1.859		0.315				
<b>1.125" (1-1/8") SHAFT</b>							
			<b>0.313</b>			<b>99112 Redi-Sleeve</b>	

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.125" (1-1/8") SHAFT (cont.)</b>								<b>1.125" (1-1/8") SHAFT (cont.)</b>							
			<b>0.375</b>			<b>99116</b>	<b>Redi-Sleeve</b>	1.937	1.942		0.562		S	203003	203
1.375	1.379		0.125		V	447808	44	1.937	1.942		0.625		F	205004	205
1.375	1.381		0.125		S	340835	34	<b>1.983</b>	<b>1.987</b>		<b>0.250</b>		<b>S</b>	<b>471747<sup>RC</sup></b>	<b>47</b>
1.438	1.444		0.215		S	313842	31	1.983	1.987		0.375		S	472674 <sup>RC</sup>	47
1.494	1.505		0.250		S	340815	34	1.983	1.987		0.375		S	• 482674	48
1.500	1.504		0.250		S	1037	35	<b>2.000</b>	<b>2.004</b>		<b>0.250</b>		<b>S</b>	<b>471763<sup>RC</sup></b>	<b>47</b>
1.502	1.506		0.250		S	312140	31	<b>2.000</b>	<b>2.004</b>		<b>0.250</b>		<b>V</b>	<b>471763V<sup>RC</sup></b>	<b>47</b>
1.561	1.565		0.250		N	472560N <sup>RC</sup>	47	2.000	2.004		0.250		S	797722	#
1.561	1.565		0.375		S	50151S	5S	2.000	2.004		0.375		S	• 450426	45
1.561	1.567		0.250		S	352560	35	2.000	2.004		0.437		S	• 410160	41
1.561	1.569		0.250		S	340151	34	2.000	2.004		0.437		S	• 480160	48
1.561	1.572		0.187		S	240151	24	2.000	2.004		0.500		S	• 470642	47
1.624	1.628		0.190		N	3638 <sup>RC,CW</sup>	48	2.047	2.051		0.312		S	472644 <sup>RC</sup>	47
1.624	1.628		0.245		S	482208 <sup>RC</sup>	48	2.047	2.051		0.312		V	472644V <sup>RC</sup>	47
<b>1.624</b>	<b>1.628</b>		<b>0.250</b>		<b>S</b>	<b>471652<sup>RC</sup></b>	<b>47</b>	<b>2.062</b>	<b>2.066</b>		<b>0.250</b>		<b>S</b>	<b>471785<sup>RC</sup></b>	<b>47</b>
1.624	1.628		0.250		N	• 471652N	47	2.062	2.066		0.250		V	• 471785V	47
<b>1.624</b>	<b>1.628</b>		<b>0.250</b>		<b>V</b>	<b>471652V<sup>RC</sup></b>	<b>47</b>	2.062	2.066		0.375		S	• 481135	48
1.624	1.628		0.250		S	• 481652	48	2.062	2.066		0.437		S	470241 <sup>RC</sup>	47
1.624	1.628		0.250		N	• 481652N	48	2.062	2.066		0.437		V	• 470241V	47
1.624	1.628		0.312		S	• 411100	41	<b>2.125</b>	<b>2.129</b>		<b>0.250</b>		<b>S</b>	<b>481792<sup>RC</sup></b>	<b>48</b>
1.624	1.628		0.312		N	• 411100N	41	2.125	2.129		0.250		N	• 481792N	48
1.624	1.628		0.312		N	• 451100N	45	<b>2.250</b>	<b>2.254</b>		<b>0.500</b>		<b>S</b>	<b>450604<sup>RC</sup></b>	<b>45</b>
1.624	1.628		0.312		S	• 481100	48	2.250	2.254		0.500		N	• 450604N	45
1.624	1.632		0.236		V	711067 <sup>CW</sup>	32	2.437	2.441		0.468		S	450332 <sup>RC</sup>	45
1.630	1.634		0.313		S	710285	32	2.441	2.445		0.250		S	473259 <sup>RC</sup>	47
<b>1.752</b>	<b>1.756</b>		<b>0.250</b>		<b>S</b>	<b>471692<sup>RC</sup></b>	<b>47</b>	2.441	2.445		0.250		V	• 473259V	47
1.752	1.756		0.250		N	• 471692N	47	2.441	2.445		0.375		S	472681 <sup>RC</sup>	47
1.752	1.756		0.250		V	471692V <sup>RC</sup>	47	2.441	2.445		0.375		V	472681V <sup>RC</sup>	47
1.752	1.756		0.312		S	• 411706	41	2.533	2.537		0.250		S	472535 <sup>RC</sup>	47
1.752	1.756		0.312		S	• 471706	47	2.835	2.839		0.375		S	472954 <sup>RC</sup>	47
1.752	1.756		0.312		N	• 471706N	47	2.835	2.839		0.375		V	472954V <sup>RC</sup>	47
1.752	1.756		0.375		S	• 471133	47	2.875	2.879		0.468		S	450430 <sup>RC</sup>	45
1.752	1.756		0.375		S	• 481133	48	<b>29,01mm (1.142") SHAFT</b>							
1.752	1.756		0.437		S	470189 <sup>RC</sup>	47	1.466	1.474		0.197		S	710504	35
1.752	1.756		0.437		N	• 470189N	47	43,00	43,74		8,00		H	710460 <sup>CCW</sup>	32
1.780	1.785		0.250		S	204505	204	1.693	1.722		0.315				
1.780	1.785		0.468		S	203020	203	45,00	45,23		8,00		H	320595 <sup>CCW</sup>	32
1.780	1.785		0.468		S	204020	204	1.772	1.781		0.315				
1.781	1.787		0.406		S	323133	32	<b>1.156" (1-5/32") SHAFT</b>							
1.828	1.832		0.250		S	487502	48				<b>0.375</b>			<b>99120</b>	<b>Redi-Sleeve</b>
<b>1.828</b>	<b>1.832</b>		<b>0.312</b>		<b>S</b>	<b>476838<sup>RC</sup></b>	<b>47</b>	1.575	1.580		0.312		V	250437V	25
1.828	1.832		0.375		S	• 451258	45	<b>1.686</b>	<b>1.690</b>		<b>0.250</b>		<b>S</b>	<b>474260<sup>RC</sup></b>	<b>47</b>
1.828	1.832		0.437		S	• 410045	41	1.752	1.756		0.312		S	471707 <sup>RC</sup>	47
1.828	1.832		0.437		N	• 450045N	45	1.752	1.756		0.312		N	471707N <sup>RC</sup>	47
1.828	1.832		0.437		V	• 450045V	45	1.828	1.832		0.437		S	450482 <sup>RC</sup>	45
1.828	1.832		0.437		S	470045 <sup>RC</sup>	47	<b>1.874</b>	<b>1.878</b>		<b>0.250</b>		<b>S</b>	<b>471736<sup>RC</sup></b>	<b>47</b>
1.850	1.859		0.312		S	350974	35	<b>1.984</b>	<b>1.988</b>		<b>0.250</b>		<b>S</b>	<b>473428<sup>RC</sup></b>	<b>47</b>
<b>1.874</b>	<b>1.878</b>		<b>0.250</b>		<b>S</b>	<b>470712<sup>RC</sup></b>	<b>47</b>	1.984	1.988		0.250		V	• 473428V	47
1.874	1.878		0.250		N	• 470712N	47	<b>2.000</b>	<b>2.004</b>		<b>0.250</b>		<b>S</b>	<b>471764<sup>RC</sup></b>	<b>47</b>
<b>1.874</b>	<b>1.878</b>		<b>0.250</b>		<b>V</b>	<b>470712V<sup>RC</sup></b>	<b>47</b>	2.000	2.004		0.250		V	487513	48
1.874	1.878		0.250		S	• 480712	48	2.000	2.004		0.437		S	450161 <sup>RC</sup>	45
1.874	1.878		0.375		S	• 482523	48	<b>2.062</b>	<b>2.066</b>		<b>0.375</b>		<b>S</b>	<b>473427<sup>RC</sup></b>	<b>47</b>
1.874	1.878		0.437		S	• 410236	41	2.125	2.129		0.437		S	450362 <sup>RC</sup>	45
1.874	1.878		0.437		S	470236 <sup>RC</sup>	47	2.125	2.129		0.437		S	470362 <sup>RC</sup>	47
1.935	1.942		0.625		S	6832S	204								

SIZE SECTION

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.156" (1-5/32") SHAFT (cont.)</b>							
2.834	2.839		0.375		S	472239 <sup>RC</sup>	47
<b>1.170" SHAFT</b>							
2.031	2.035		0.375		S	451182 <sup>RC</sup>	45
<b>1.175" SHAFT</b>							
			<b>0.313</b>			<b>99122 Redi-Sleeve</b>	
1.771	1.775		0.275		S	483488 <sup>RC,CW</sup>	48
1.828	1.832		0.312		N	483054N <sup>RC</sup>	48
<b>1.178" SHAFT</b>							
2.447	2.452	2.690	0.500		V	4813V <sup>RC,CW</sup>	86
<b>30,00mm (1.181") SHAFT</b>							
			<b>0.315</b>			<b>99114 Redi-Sleeve</b>	
37,00	37,30		3,50		S	710401	35
1.457	1.461		0.138				
40,00	40,23		7,00		S	223005	48
1.575	1.584		0.276				
40,00	40,25		7,00		S	1129	35
1.575	1.585		0.276				
42,00	42,21		7,00		N	223010 <sup>CW</sup>	32
1.654	1.662		0.276				
44,00	44,20		7,00		N	223012 <sup>CW</sup>	32
1.732	1.740		0.276				
45,00	45,20		6,00		V	223014 <sup>CW</sup>	32
1.772	1.780		0.236				
45,00	45,23		8,00		S	1981	35
1.772	1.781		0.315				
46,00	46,23		7,00		S	223018	32
1.811	1.820		0.276				
46,00	46,30		8,00		N	712001 <sup>CW</sup>	32
1.811	1.823		0.315				
47,00	47,20		8,00		N	711048 <sup>CCW</sup>	32
1.850	1.858		0.315				
47,00	47,25		7,00		S	223020	35
1.850	1.860		0.276				
47,40	47,60		5,80		N	711123	49
1.866	1.874		0.228				
50,00	50,23		9,00		S	223050 <sup>CW</sup>	32
1.969	1.978		0.354				
50,00	50,23		9,00		N	223051 <sup>CCW</sup>	32
1.969	1.978		0.354				
52,00	52,18		7,00		S	223035	35
2.047	2.054		0.276				
58,00	58,09	63,50	9,50		N	3907 <sup>RC,BI</sup>	57
2.283	2.287	2.500	0.374				
60,00	60,20	66,00	9,50		V	711066	74
2.362	2.370	2.598	0.374				
61,20	61,40		9,00		S	710516	40
2.409	2.417		0.354				
65,00	65,23		34,00		S	710065	#
2.559	2.568		1.339				
2.578	2.587		0.437		V	710663 <sup>BI</sup>	85
2.835	2.840		0.374		V	• 470442V	47
<b>1.187" (1-3/16") SHAFT</b>							
1.627	1.635		0.250		S	340817	34

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.187" (1-3/16") SHAFT (cont.)</b>							
1.686	1.690		0.375		S	470328 <sup>RC</sup>	47
<b>1.687</b>	<b>1.691</b>		<b>0.250</b>		<b>S</b>	<b>481213<sup>RC</sup></b>	<b>48</b>
1.716	1.720		0.248		S	9487	68
<b>1.752</b>	<b>1.756</b>		<b>0.250</b>		<b>S</b>	<b>473203<sup>RC</sup></b>	<b>47</b>
<b>1.828</b>	<b>1.832</b>		<b>0.375</b>		<b>S</b>	<b>473425<sup>RC</sup></b>	<b>47</b>
1.828	1.832		0.437		S	• 450344	45
<b>1.874</b>	<b>1.878</b>		<b>0.250</b>		<b>S</b>	<b>472475<sup>RC</sup></b>	<b>47</b>
<b>1.983</b>	<b>1.987</b>		<b>0.375</b>		<b>S</b>	<b>473426<sup>RC</sup></b>	<b>47</b>
1.983	1.987		0.437		S	• 480047	48
1.996	2.000		0.250		S	40576S	4S
2.000	2.004		0.250		S	40162S	4S
<b>2.000</b>	<b>2.004</b>		<b>0.250</b>		<b>S</b>	<b>471765<sup>RC</sup></b>	<b>47</b>
2.000	2.004		0.250		N	• 471765N	47
2.000	2.004		0.250		S	• 481765	48
2.000	2.004		0.437		N	• 450162N	45
2.000	2.004		0.437		S	470162 <sup>RC</sup>	47
2.000	2.004		0.437		N	• 470162N	47
2.000	2.004		0.437		S	• 480162	48
2.047	2.051		0.250		S	43076S	4S
<b>2.062</b>	<b>2.066</b>		<b>0.250</b>		<b>S</b>	<b>471354<sup>RC</sup></b>	<b>47</b>
2.062	2.066		0.375		S	• 482585	48
<b>2.125</b>	<b>2.129</b>		<b>0.250</b>		<b>S</b>	<b>473205<sup>RC</sup></b>	<b>47</b>
2.125	2.129		0.375		S	• 413293	41
2.125	2.129		0.375		N	• 413293N	41
2.125	2.129		0.437		S	• 480152	48
<b>2.165</b>	<b>2.169</b>		<b>0.250</b>		<b>S</b>	<b>472350<sup>RC</sup></b>	<b>47</b>
<b>2.250</b>	<b>2.254</b>		<b>0.250</b>		<b>S</b>	<b>474255<sup>RC</sup></b>	<b>47</b>
2.250	2.254		0.500		H	450336H <sup>RC</sup>	45
2.250	2.254		0.500		S	470336 <sup>RC</sup>	47
2.437	2.441		0.250		S	474254 <sup>RC</sup>	47
2.437	2.441		0.468		S	470347 <sup>RC</sup>	47
2.441	2.445		0.250		S	474256 <sup>RC</sup>	47
2.441	2.445		0.375		S	472432 <sup>RC</sup>	47
2.686	2.690		0.500		S	470946 <sup>RC</sup>	47
<b>1.188" SHAFT</b>							
			<b>0.313</b>			<b>99118 Redi-Sleeve</b>	
1.687	1.691		0.250		S	487516	48
<b>1.189" SHAFT</b>							
1.496	1.506		0.217		N	710655	#
<b>1.190" SHAFT</b>							
1.889	1.896	2.283	0.860		N	4748N <sup>RC,BI</sup>	#
1.969	1.975		0.261		N	4738N <sup>RC,BI</sup>	48
2.122	2.128		0.350		S	710068	#
2.125	2.130		0.313		S	418310	41
<b>1.218" (1-7/32") SHAFT</b>							
1.969	1.972		0.468		S	203016	203
1.979	1.983		0.250		S	441319	44
1.979	1.983		0.406		S	203025 <sup>RC</sup>	203
1.983	1.987		0.437		S	450048 <sup>RC</sup>	45
2.000	2.004		0.437		S	450173 <sup>RC</sup>	45
<b>1.219" SHAFT</b>							
			<b>0.315</b>			<b>99123 Redi-Sleeve</b>	

Size Section

RADIAL SHAFT SEALS

31,00mm (1.220") SHAFT (cont.)							1.250" (1-1/4") SHAFT (cont.)								
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
42,00	42,21		8,00		V	710172	35	1.938	1.942		0.250		S	487517	48
1.654	1.662		0.315					1.955	1.960		0.435		S	3199 <sup>RC</sup>	48
45,30	45,40		7,00		S	710757	35	1.969	1.972		0.468		S	6906S	204
1.783	1.787		0.276					1.969	1.972		0.468		S	203012	203
46,00	46,20		8,00		H	710332 <sup>CCW</sup>	32	1.979	1.983		0.250		S	204507	204
1.811	1.819		0.315					1.979	1.983		0.375		S	• 470706	47
50,00	50,20		8,00		V	710824 <sup>CW</sup>	32	1.979	1.983		0.406		S	203029	203
1.969	1.976		0.315					1.979	1.983		0.406		S	204029	204
<b>1.238" SHAFT</b>							<b>1.250" (1-1/4") SHAFT</b>								
2.250	2.254		0.500		S	8293S	48	1.983	1.987		0.250		S	7781S	203
<b>1.240" SHAFT</b>							<b>1.250" (1-1/4") SHAFT</b>								
1.654	1.661		0.276		V	710799 <sup>CW</sup>	32	1.983	1.987		0.250		S	471750 <sup>RC</sup>	47
2.402	2.411		0.524		N	710648	#	1.983	1.987		0.250		S	• 471750 <sup>RC</sup>	47
<b>1.247" SHAFT</b>							<b>1.250" (1-1/4") SHAFT</b>								
1.687	1.691		0.312		S	6859S	33	1.983	1.987		0.437		S	797726	#
2.625	2.633		0.480		S	8429S	#	1.983	1.987		0.437		S	470049 <sup>RC</sup>	47
<b>1.250" (1-1/4") SHAFT</b>							<b>1.250" (1-1/4") SHAFT</b>								
			<b>0.313</b>			<b>99125 Redi-Sleeve</b>		2.000	2.004		0.250		S	40652S	4S
1.499	1.505		0.125		S	343186	34	<b>2.000</b>	<b>2.004</b>		<b>0.250</b>		S	• 471766 <sup>RC</sup>	47
1.499	1.509		0.156		S	240736	24	2.000	2.004		0.250		V	471766 <sup>VRC</sup>	47
1.625	1.630		0.188		S	251511	25	2.000	2.004		0.250		S	• 481766	48
1.686	1.690		0.375		S	480356 <sup>RC</sup>	48	2.000	2.004		0.290		S	200338	200
1.686	1.691		0.250		V	473135 <sup>VRC</sup>	47	2.000	2.004		0.375		S	• 450652	45
1.686	1.691		0.250		S	474278 <sup>RC</sup>	47	2.000	2.004		0.375		V	• 450652V	45
1.686	1.696		0.218		S	340356	34	2.000	2.004		0.375		S	• 480652	48
1.686	1.697		0.187		S	240356	24	2.000	2.004		0.437		S	410163 <sup>RC</sup>	41
1.687	1.691		0.313		S	797708	#	2.000	2.004		0.437		N	• 410163N	41
1.750	1.754		0.250		S	7412S <sup>RC,CW</sup>	48	2.000	2.004		0.437		N	• 450163N	45
1.750	1.754		0.250		S	712025 <sup>2</sup>	#	2.000	2.004		0.437		S	470163 <sup>RC</sup>	47
1.750	1.754		0.250		V	797707	#	2.000	2.004		0.437		N	• 470163N	47
1.750	1.754		0.375		N	• 481203N	48	2.000	2.004		0.437		V	470163 <sup>VRC</sup>	47
1.750	1.756		0.250		U	710014	#	2.000	2.004		0.438		N	487515	48
1.752	1.756		0.250		S	40140S	4S	2.047	2.051		0.375		S	473551 <sup>RC</sup>	47
<b>1.752</b>	<b>1.756</b>		<b>0.250</b>		<b>S</b>	<b>471413<sup>RC</sup></b>	<b>47</b>	2.062	2.066		0.250		S	41787S	4S
1.752	1.756		0.250		N	• 471413N	47	2.062	2.066		0.250		S	• 451787	45
1.752	1.756		0.250		V	471413 <sup>VRC</sup>	47	<b>2.062</b>	<b>2.066</b>		<b>0.250</b>		<b>S</b>	<b>471787<sup>RC</sup></b>	<b>47</b>
1.752	1.756		0.250		V	• 481413V	48	2.062	2.066		0.250		V	471787 <sup>VRC</sup>	47
1.752	1.756		0.281		S	797736	#	2.062	2.066		0.250		S	• 481787	48
1.752	1.756		0.312		N	• 471709N	47	2.062	2.066		0.437		N	• 481787N	48
1.752	1.756		0.312		V	• 471709V	47	2.062	2.066		0.437		S	• 450244	45
1.752	1.756		0.375		N	• 481083N	48	2.062	2.066		0.437		S	• 450244SSR	45
1.752	1.756		0.375		V	• 481083V	48	2.062	2.066		0.437		S	470244 <sup>RC</sup>	47
1.752	1.756		0.437		S	• 470140	47	2.106	2.110		0.468		S	450177	45
1.752	1.756		0.437		N	470140 <sup>NRC</sup>	47	<b>2.125</b>	<b>2.129</b>		<b>0.250</b>		<b>S</b>	<b>471795<sup>RC</sup></b>	<b>47</b>
1.812	1.817		0.235		T	39713 <sup>RC,BI</sup>	DW-H	2.125	2.129		0.250		N	471795N	47
1.828	1.838		0.187		S	240949	24	2.125	2.129		0.250		V	471795 <sup>VRC</sup>	47
<b>1.874</b>	<b>1.878</b>		<b>0.250</b>		<b>S</b>	<b>471737<sup>RC</sup></b>	<b>47</b>	2.125	2.129		0.250		S	• 481795	48
1.874	1.878		0.250		V	471737 <sup>VRC</sup>	47	2.125	2.129		0.268		V	• 470368V	47
1.874	1.878		0.250		S	797725	#	2.125	2.129		0.437		S	470245 <sup>RC</sup>	47
1.874	1.878		0.375		S	• 480683	48	2.125	2.133		0.748		V	710863	#
1.874	1.878		0.437		S	• 471246	47	2.126	2.130		0.375		N	482230 <sup>NRC</sup>	48
1.904	1.912		0.315		V	710853 <sup>BI</sup>	#	2.250	2.254		0.250		S	42081S	4S
								2.250	2.254		0.500		S	470165 <sup>RC</sup>	47
								2.251	2.256		0.375		S	• 481801RRR	48
								<b>2.252</b>	<b>2.256</b>		<b>0.375</b>		<b>S</b>	<b>471801<sup>RC</sup></b>	<b>47</b>
								2.252	2.256		0.375		S	• 481801	48
								2.327	2.331		0.500		S	487514	48
								<b>2.374</b>	<b>2.378</b>		<b>0.375</b>		<b>S</b>	<b>471808<sup>RC</sup></b>	<b>47</b>

SIZE SECTION

<sup>2</sup>90 PSI Max; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip		
<b>1.250" (1-1/4") SHAFT (cont.)</b>						
2.374	2.378		0.375		S • 481808	48
2.398	2.402	2.677	0.228		S 710101 <sup>BI</sup>	74
<b>2.437</b>	<b>2.441</b>		<b>0.375</b>		<b>S 471818<sup>RC</sup></b>	<b>47</b>
<b>2.441</b>	<b>2.445</b>		<b>0.375</b>		<b>S 471407<sup>RC</sup></b>	<b>47</b>
<b>2.502</b>	<b>2.506</b>		<b>0.375</b>		<b>S 471833<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.375		S • 481833	48
2.561	2.565		0.500		S 451845 <sup>RC</sup>	45
2.561	2.565		0.500		N 471845N <sup>RC</sup>	47
2.686	2.690		0.375		S 481859 <sup>RC</sup>	48
2.713	2.717		0.468		S 450341 <sup>RC</sup>	45
<b>2.835</b>	<b>2.839</b>		<b>0.468</b>		<b>S 470806<sup>RC</sup></b>	<b>47</b>
2.835	2.842		0.375		S 328301	32
2.877	2.881		0.250		S 472536 <sup>RC</sup>	47
3.150	3.155		0.375		S • 472651	47
3.150	3.155		0.375		V 472651V <sup>RC</sup>	47
3.155	3.160		0.500		S 453279 <sup>RC</sup>	45
<b>32,00mm (1.260") SHAFT</b>						
			<b>0.315</b>		<b>99128 Redi-Sleeve</b>	<b>#</b>
41,15	41,25		11,20		V 711114 <sup>BI</sup>	#
1.620	1.624		0.441			
42,00	42,20		10,00		S 223215 <sup>CCW</sup>	40
1.654	1.661		0.394			
44,00	44,23		6,00		N 223220 <sup>CW</sup>	32
1.732	1.741		0.236			
45,00	45,21		6,00		V 320348 <sup>CW</sup>	32
1.772	1.780		0.236			
45,00	45,23		8,00		N 223230 <sup>CW</sup>	32
1.772	1.781		0.315			
46,00	46,23		6,00		N 223235	32
1.811	1.820		0.236			
47,00	47,20		6,00		N 710310 <sup>CW</sup>	32
1.850	1.858		0.236			
47,00	47,20		7,00		N 710681	35
1.850	1.858		0.276			
47,00	47,20	55,70	8,60		S 710455	298
1.850	1.858	2.193	0.339			
47,00	47,24		10,00		N 3476 <sup>RC,CW</sup>	32
1.850	1.860		0.394			
48,00	48,20		9,00		N 223240 <sup>CCW</sup>	40
1.890	1.898		0.354			
48,00	48,20		10,00		S 710317 <sup>CCW</sup>	32
1.890	1.898		0.394			
50,00	50,14		8,00		V 710164 <sup>RC</sup>	48
1.969	1.974		0.315			
50,00	50,20		9,00		N 711092 <sup>BI</sup>	40
1.969	1.976		0.354			
50,00	50,20		11,00		N 711090 <sup>CCW</sup>	40
1.969	1.976		0.433			
50,00	50,20		11,00		N 711091 <sup>CW</sup>	40
1.969	1.976		0.433			
50,00	50,23		8,00		S 710415 <sup>CW</sup>	32
1.969	1.978		0.315			
52,00	52,12		6,40		N 710469	32
2.047	2.052		0.252			
52,00	52,20		11,00		S 710306 <sup>CCW</sup>	32
2.047	2.055		0.433			

Hsg Bore	Seal		Width		Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip		
<b>32,00mm (1.260") SHAFT (cont.)</b>						
52,00	52,25		11,00		N 1167	32
2.047	2.057		0.433			
52,00	52,28		7,00		S 223255	35
2.047	2.058		0.276			
52,00	52,28		11,00		N 223252 <sup>CCW</sup>	32
2.047	2.058		0.433			
53,00	53,28		7,00		N 223253 <sup>CW</sup>	32
2.087	2.098		0.276			
55,00	55,20		8,50		V 710819 <sup>CW</sup>	32
2.165	2.173		0.335			
<b>1.280" SHAFT</b>						
1.654	1.661		0.276		S 710282	32
<b>1.281" (1-9/32") SHAFT</b>						
<b>1.983</b>	<b>1.987</b>		<b>0.437</b>		<b>S 470050<sup>RC</sup></b>	<b>47</b>
<b>2.000</b>	<b>2.004</b>		<b>0.375</b>		<b>S 473424<sup>RC</sup></b>	<b>47</b>
2.000	2.006		0.250		S 353137	35
<b>33,00mm (1.299") SHAFT</b>						
			<b>0.591</b>		<b>99121 Redi-Sleeve</b>	<b>47</b>
44,00	44,18		7,00		S 710070	47
1.732	1.739		0.276			
47,00	47,20		5,00		V 711002 <sup>CW</sup>	32
1.850	1.858		0.197			
47,00	47,20		8,00		S 223340 <sup>CCW</sup>	32
1.850	1.858		0.315			
49,00	49,23		8,00		N 710236 <sup>CW</sup>	32
1.929	1.938		0.315			
56,00	56,23		8,00		N 710132	40
2.008	2.214		0.315			
53,00	53,20		7,25		V 710810 <sup>BI</sup>	35
2.087	2.094		0.285			
59,00	59,20		9,30		N 710633	40
2.323	2.331		0.366			
59,00	59,20		11,00		N 710124	40
2.323	2.331		0.433			
<b>1.301" SHAFT</b>						
1.828	1.832		0.375		N 6370N	33
2.000	2.004		0.437		S 471193 <sup>RC</sup>	47
2.620	2.625		0.315		S 710043 <sup>RC</sup>	#
<b>1.308" SHAFT</b>						
2.621	2.625		0.875		S 2300	#
<b>1.311" SHAFT</b>						
1.705	1.713		0.276		V 710775 <sup>BI</sup>	32
<b>1.312" (1-5/16") SHAFT</b>						
1.625	1.662		0.156		S 722108	VRS1
1.752	1.760		0.187		S 240716	24
<b>1.874</b>	<b>1.878</b>		<b>0.375</b>		<b>S 473423<sup>RC</sup></b>	<b>47</b>
1.874	1.878		0.437		S • 450521	45
<b>1.983</b>	<b>1.987</b>		<b>0.375</b>		<b>S 473422<sup>RC</sup></b>	<b>47</b>
<b>2.000</b>	<b>2.004</b>		<b>0.312</b>		<b>S 473210<sup>RC</sup></b>	<b>47</b>
2.000	2.004		0.312		V • 473210V	47
<b>2.062</b>	<b>2.066</b>		<b>0.312</b>		<b>S 472826<sup>RC</sup></b>	<b>47</b>

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.312" (1-5/16") SHAFT (cont.)</b>							
2.106	2.110		0.375		S	473421 <sup>RC</sup>	47
2.106	2.110		0.468		S	• 450179	45
2.125	2.129		0.312		S	473211 <sup>RC</sup>	47
2.166	2.170		0.375		S	473812 <sup>RC</sup>	47
2.250	2.254		0.312		S	473212 <sup>RC</sup>	47
2.282	2.286		0.250		S	40769S	4S
2.374	2.378		0.312		S	473213 <sup>RC</sup>	47
2.374	2.378		0.500		S	• 450053	45
2.437	2.441		0.468		S	470503 <sup>RC</sup>	47
2.502	2.506		0.375		S	481834 <sup>RC</sup>	48
2.835	2.839		0.468		S	471904 <sup>RC</sup>	47
2.996	3.001		0.500		S	450147 <sup>RC</sup>	45
<b>1.313" SHAFT</b>							
			0.250			99129 Redi-Sleeve	
			0.500			99131 Redi-Sleeve	
<b>1.317" SHAFT</b>							
2.280	2.286		0.350		S	5131 <sup>RC,BI</sup>	#
<b>1.322" SHAFT</b>							
2.227	2.231		0.375		S	484058 <sup>RC</sup>	48
<b>1.326" SHAFT</b>							
2.061	2.065		0.375		S	484054 <sup>RC</sup>	48
2.312	2.316		0.435		S	9161 <sup>RC</sup>	48
<b>34,00mm (1.339") SHAFT</b>							
			0.500			99134 Redi-Sleeve	
44,00	44,23		8,00		N	223400	32
1.732	1.741		0.315				
48,00	48,20		7,00		V	223420 <sup>CW</sup>	32
1.890	1.898		0.276				
48,00	48,20		8,00		S	710870 <sup>CW</sup>	40
1.890	1.898		0.315				
48,00	48,28		7,50		S	710416	35
1.890	1.901		0.295				
52,00	52,20		7,00		V	710897 <sup>CW</sup>	32
2.047	2.055		0.276				
53,00	53,28		8,00		N	710418	32
2.087	2.098		0.315				
54,00	54,25		9,00		N	710110 <sup>BI</sup>	40
2.126	2.136		0.354				
56,00	56,20		8,50		V	710704 <sup>CCW</sup>	40
2.205	2.213		0.335				
63,00	63,09		9,00		N	710109 <sup>BI</sup>	40
2.480	2.484		0.354				
<b>1.343" SHAFT</b>							
2.106	2.110		0.375		S	473435 <sup>RC</sup>	47
2.125	2.129		0.375		S	473436 <sup>RC</sup>	47
2.125	2.129		0.437		S	• 480248	48
2.374	2.378		0.500		S	450054 <sup>RC</sup>	45
2.441	2.445		0.375		S	483793 <sup>RC</sup>	48
<b>1.350" SHAFT</b>							
2.502	2.506		0.500		S	• 453309	45

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.350" SHAFT (cont.)</b>							
2.571	2.575		0.706		S	8594S	62
<b>1.358" SHAFT</b>							
1.624	1.632		0.354		E	710987 <sup>BI</sup>	#
44,00	44,20		7,00		E	711016 <sup>BI</sup>	32
1.732	1.740		0.276				
54,00	54,20		9,00		N	711086 <sup>BI</sup>	32
2.126	2.134		0.354				
2.283	2.287	2.638	0.394		V	710624 <sup>BI</sup>	74
2.451	2.459	2.709	0.354		V	710903 <sup>BI</sup>	86
<b>1.360" SHAFT</b>							
4.560	2.328	4.560	0.323		S	8549S	#
<b>1.362" SHAFT</b>							
2.191	2.195		0.250		S	8133S <sup>RC</sup>	48
<b>1.365" SHAFT</b>							
1.955	1.960		0.435		S	3214 <sup>RC</sup>	48
2.081	2.085		0.435		S	51322 <sup>RC</sup>	5S
2.259	2.264		0.435		S	9569S <sup>RC</sup>	99
2.374	2.379		0.435		S	9568 <sup>RC</sup>	48
<b>1.366" SHAFT</b>							
1.783	1.791		0.276		N	710773 <sup>BI</sup>	32
<b>1.375" (1-3/8") SHAFT</b>							
			0.313			99133 Redi-Sleeve	
			0.500			99138 Redi-Sleeve	
1.750	1.754		0.250		S	487511	48
1.750	1.756		0.187		S	340853	34
1.828	1.832		0.250		V	477721	47
1.828	1.834		0.250		S	323138	32
1.829	1.837		0.187		S	6597S	34
1.835	1.839		0.250		S	487510	48
1.874	1.878		0.250		L	40395	4L
1.874	1.878		0.250		S	472354 <sup>RC</sup>	47
1.874	1.878		0.250		V	472354V <sup>RC</sup>	47
1.874	1.878		0.281		S	797737	#
1.874	1.878		0.312		S	330663	33
1.874	1.878		0.437		S	50395S <sup>RC</sup>	5S
1.874	1.879		0.240		V	484156V <sup>RC</sup>	48
1.874	1.879		0.250		S	40395S	4S
1.874	1.880		0.250		S	352354	32
1.874	1.880		0.312		S	352355	35
1.875	1.878		0.187		S	6668S	33
1.952	1.957		0.500		N	2443 <sup>CCW</sup>	25
1.981	1.989		0.252		N	714655 <sup>RC,CW</sup>	48
1.982	1.989		0.192		N	4638N <sup>RC</sup>	47
1.983	1.987		0.312		S	482163 <sup>RC</sup>	48
1.983	1.987		0.312		N	482163N <sup>RC</sup>	48
1.983	1.987		0.375		S	• 483562	48
1.983	1.987		0.375		N	• 483562N	48
2.000	2.004		0.250		S	40522S	4S
2.000	2.004		0.312		S	472258 <sup>RC</sup>	47
2.000	2.004		0.312		N	• 472258N	47
2.000	2.004		0.312		V	472258V <sup>RC</sup>	47

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.375" (1-3/8") SHAFT (cont.)</b>							
2.000	2.004		0.320		S	5872S	45
2.000	2.004		0.328		S	480570	48
2.000	2.004		0.375		N	471268N <sup>RC</sup>	47
2.000	2.004		0.375		V	• 471268V	47
2.047	2.051		0.276		V	477705	47
2.047	2.051		0.312		S	472642 <sup>RC</sup>	47
2.047	2.051		0.312		V	472642V <sup>RC</sup>	47
2.047	2.052		0.330		N	4529N <sup>RC,CW</sup>	68
<b>2.062</b>	<b>2.066</b>		<b>0.375</b>		<b>S</b>	<b>470774<sup>RC</sup></b>	<b>47</b>
2.062	2.066		0.375		N	• 470774N	47
2.062	2.066		0.375		V	470774V <sup>RC</sup>	47
2.062	2.066		0.375		S	• 480774	48
2.062	2.066		0.437		S	• 410403	41
2.062	2.066		0.437		S	470403 <sup>RC</sup>	47
2.062	2.066		0.437		S	• 480403	48
2.062	2.066		0.437		N	• 480403N	48
2.062	2.066		0.437		V	• 480403V	48
2.062	2.072		0.250		S	6760S	35
2.082	2.087		0.312		S	• 473304	47
<b>2.106</b>	<b>2.110</b>		<b>0.312</b>		<b>S</b>	<b>472287<sup>RC</sup></b>	<b>47</b>
2.106	2.110		0.313		N	487509	48
2.106	2.110		0.468		S	• 450153	45
2.106	2.110		0.468		N	• 450153N	45
<b>2.125</b>	<b>2.129</b>		<b>0.312</b>		<b>S</b>	<b>471192<sup>RC</sup></b>	<b>47</b>
2.125	2.129		0.312		N	• 471192N	47
2.125	2.129		0.312		V	471192V <sup>RC</sup>	47
2.125	2.129		0.312		S	• 481192	48
2.125	2.129		0.375		T	39140 <sup>CCW</sup>	94
2.125	2.129		0.375		S	• 482576	48
2.125	2.129		0.375		N	482576N	48
2.125	2.129		0.437		N	• 410135N	41
2.125	2.129		0.437		S	470135 <sup>RC</sup>	47
2.125	2.129		0.437		N	• 470135N	47
2.125	2.129		0.437		S	• 480135	48
56,03	56,23	62,50	9,90		V	711084 <sup>BI</sup>	87
2.206	2.214	2.461	0.390				
2.217	2.235	2.402	0.364		V	710489 <sup>BI</sup>	74
2.244	2.254	2.484	0.405		N	2655 <sup>RC,CCW</sup>	79
2.250	2.252		1.062		L	6200	9L
2.250	2.254		0.250		S	40169S	4S
<b>2.250</b>	<b>2.254</b>		<b>0.312</b>		<b>S</b>	<b>473214<sup>RC</sup></b>	<b>47</b>
2.250	2.254		0.312		V	473214V <sup>RC</sup>	47
2.250	2.254		0.325		S	• 482167	48
2.250	2.254		0.375		S	• 411000	41
2.250	2.254		0.500		S	• 410169	41
2.250	2.254		0.500		N	• 450169N	45
2.250	2.254		0.500		V	• 450169V	45
2.250	2.254		0.500		S	470169 <sup>RC</sup>	47
2.250	2.254		0.500		S	• 480169	48
2.250	2.254		0.713		S	7495S	61
2.282	2.286		0.250		S	42763	4S
2.327	2.332		0.406		S	204027	204
2.374	2.378		0.250		S	43089S	4S
<b>2.374</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>473215<sup>RC</sup></b>	<b>47</b>
2.374	2.378		0.375		S	• 471131	47

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.375" (1-3/8") SHAFT (cont.)</b>							
2.374	2.378		0.375		N	• 471131N	47
2.374	2.378		0.375		S	• 481131	48
2.374	2.378		0.500		N	3116N <sup>RC,CCW</sup>	71
2.374	2.378		0.500		S	• 410055	41
2.374	2.378		0.500		V	• 450055V	45
2.374	2.378		0.500		S	• 470055	47
2.374	2.378		0.500		N	470055N <sup>RC</sup>	47
2.374	2.378		0.750		S	• 412691	41
<b>2.437</b>	<b>2.441</b>		<b>0.250</b>		<b>S</b>	<b>6241S</b>	<b>48</b>
2.437	2.441		0.250		S	797720	#
2.437	2.441		0.375		S	470950 <sup>RC</sup>	47
2.437	2.441		0.375		S	• 480950	48
2.437	2.441		0.375		N	• 480950N	48
2.437	2.441		0.468		S	• 470061	47
2.437	2.441		0.468		S	• 480061	48
2.437	2.441		0.468		N	• 480061N	48
<b>2.441</b>	<b>2.445</b>		<b>0.375</b>		<b>S</b>	<b>471276<sup>RC</sup></b>	<b>47</b>
2.441	2.445		0.375		N	• 471276N	47
2.441	2.445		0.375		V	471276V <sup>RC</sup>	47
<b>2.502</b>	<b>2.506</b>		<b>0.375</b>		<b>S</b>	<b>471835<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.500		S	• 410444	41
2.502	2.506		0.500		S	450444 <sup>RC</sup>	45
2.502	2.506		0.500		S	• 480444	48
<b>2.561</b>	<b>2.565</b>		<b>0.375</b>		<b>S</b>	<b>473258<sup>RC</sup></b>	<b>47</b>
2.561	2.565		0.500		S	• 471847	47
2.561	2.565		0.500		N	471847N <sup>RC</sup>	47
2.623	2.627		0.313		V	477720	47
<b>2.623</b>	<b>2.627</b>		<b>0.375</b>		<b>S</b>	<b>472843<sup>RC</sup></b>	<b>47</b>
<b>2.686</b>	<b>2.690</b>		<b>0.500</b>		<b>S</b>	<b>450776<sup>RC</sup></b>	<b>45</b>
<b>2.717</b>	<b>2.720</b>		<b>0.468</b>		<b>S</b>	<b>450456<sup>RC</sup></b>	<b>45</b>
2.717	2.723		0.375		S	323125	32
2.750	2.754		0.500		S	450463 <sup>RC</sup>	45
2.750	2.754		0.500		S	• 480463	48
<b>2.835</b>	<b>2.839</b>		<b>0.312</b>		<b>S</b>	<b>473197<sup>RC</sup></b>	<b>47</b>
2.835	2.839		0.312		V	• 473197V	47
<b>2.835</b>	<b>2.839</b>		<b>0.375</b>		<b>S</b>	<b>472658<sup>RC</sup></b>	<b>47</b>
2.835	2.839		0.375		V	• 472658V	47
2.835	2.839		0.468		S	450452 <sup>RC</sup>	45
2.835	2.839		0.468		N	• 450452N	45
2.835	2.839		0.468		S	• 480452	48
<b>2.875</b>	<b>2.879</b>		<b>0.468</b>		<b>S</b>	<b>471105<sup>RC</sup></b>	<b>47</b>
3.000	3.005		0.500		S	470989 <sup>RC</sup>	47
3.125	3.130		0.500		S	450516 <sup>RC</sup>	45
3.150	3.154		0.375		S	471379 <sup>RC</sup>	47
3.350	3.355		0.468		S	450492 <sup>RC</sup>	45
3.500	3.505		0.500		S	• 455292	45
3.542	3.549		0.397		N	4532N <sup>RC,CCW</sup>	93
4.567	4.582		0.259		S	8676S	54
4.572	4.582		0.259		S	9344S	54
<b>1.376" SHAFT</b>							
2.244	2.252	2.480	0.402		V	710692 <sup>BI</sup>	87
2.559	2.567		0.398		V	710668 <sup>BI</sup>	40
2.750	2.754		0.394		V	710683 <sup>BI</sup>	85
<b>1.377" SHAFT</b>							
2.162	2.167	2.411	0.354		N	4614N <sup>RC,BI</sup>	87



Size Section

RADIAL SHAFT SEALS

Hsg Bore		Seal		Width		Part No.	Type/ Illus.	Hsg Bore		Seal		Width		Part No.	Type/ Illus.		
Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l	Seal O.D.			Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l						
<b>1.377" SHAFT (cont.)</b>								<b>35,00mm (1.378") SHAFT (cont.)</b>									
2.874	2.881	3.118	0.693		N	4613N <sup>RC,Bl</sup>	57	52,00	52,13		8,00		S	223535	33		
<b>35,00mm (1.378") SHAFT</b>								2.047	2.052		0.315						
		<b>0.512</b>				<b>99139 Redi-Sleeve</b>		52,00	52,20		7,00		S	711027	32		
		<b>0.512</b>				<b>99820 Redi-Sleeve</b>		2.047	2.055		0.276						
41,00	41,15		5,50		S	710076	35	52,00	52,20		7,00		V	711058 <sup>CW</sup>	32		
1.614	1.620		0.217					2.047	2.055		0.276						
44,00	44,10		7,00		S	710383	47	52,00	52,20		9,50		S	711041	32		
1.732	1.736		0.276					2.047	2.055		0.374						
1.850	1.855		0.276		V	477712	47	52,00	52,35		7,75		N	3655 <sup>CW</sup>	32		
47,00	47,20		7,50		T	711008 <sup>CW</sup>	32	2.047	2.061		0.305						
1.850	1.858		0.295					53,26	53,67		7,75		N	4040N <sup>CCW</sup>	32		
47,00	47,23		7,00		S	223510	35	2.097	2.113		0.305						
1.850	1.859		0.276					54,00	54,10	68,00	9,00		S	710217	74		
47,00	47,40		7,00		H	1172 <sup>CW</sup>	32	2.126	2.130	2.677	0.354						
1.850	1.866		0.276					54,00	54,10	61,00	10,00		N	710199 <sup>Bl</sup>	86		
48,00	48,13		10,00		T	710618 <sup>CW</sup>	32	2.126	2.130	2.402	0.394						
1.890	1.895		0.394					54,00	54,20		8,00		V	710331 <sup>CCW</sup>	32		
48,00	48,21		7,60		V	320249 <sup>CW</sup>	32	2.126	2.134		0.315						
1.890	1.898		0.299					54,00	54,20		9,50		N	710616 <sup>Bl</sup>	40		
48,00	48,20		8,00		S	714436	32	2.126	2.134		0.374						
1.890	1.898		0.315					54,00	54,28		8,00		N	710197 <sup>Bl</sup>	40		
48,00	48,20	58,00	12,00		N	710818 <sup>CCW</sup>	86	2.126	2.137		0.315						
1.890	1.898	2.283	0.472					2.162	2.167	2.441	0.425		H	3543 <sup>RC,Bl</sup>	57		
48,00	48,28		8,00		S	710051 <sup>7</sup>	86	55,00	55,18		8,00		S	473823 <sup>RC</sup>	47		
1.890	1.901		0.315					2.165	2.172		0.315						
48,00	48,40		7,00		V	1108 <sup>CW</sup>	32	55,00	55,20		9,00		N	710806 <sup>CW</sup>	40		
1.890	1.906		0.276					2.165	2.173		0.354						
49,00	49,20		6,00		N	1987	33	55,00	55,20		11,00		N	711070	40		
1.929	1.937		0.236					2.165	2.173		0.433						
49,00	49,20		15,50		V	711064 <sup>Bl</sup>	#	55,00	55,23		11,00		N	223542	32		
1.929	1.937		0.610					2.165	2.174		0.433						
49,00	49,30		8,00		S	710178	32	55,00	55,45		9,00		N	223540 <sup>Bl</sup>	40		
1.929	1.941		0.315					2.165	2.183		0.315						
49,60	49,80	53,90	11,00		N	1940 <sup>CW</sup>	88	56,00	56,10	62,00	9,00		N	710976 <sup>CCW</sup>	#		
1.953	1.961	2.122	0.433					2.205	2.209	2.441	0.354						
50,00	50,20		8,00		H	710329 <sup>CCW</sup>	32	56,00	56,10	63,50	16,00		V	710218	32		
1.969	1.976		0.315					2.205	2.209	2.500	0.630						
50,00	50,20		8,50		N	711087	40	56,00	56,20		8,00		N	710314 <sup>CCW</sup>	40		
1.969	1.976		0.335					2.205	2.213		0.315						
50,00	50,20		9,00		N	710724 <sup>CCW</sup>	40	56,00	56,20		8,00		S	710315 <sup>CW</sup>	40		
1.969	1.976		0.354					2.205	2.213		0.315						
50,00	50,20		9,00		N	710739 <sup>CW</sup>	40	56,00	56,20		9,00		S	710396 <sup>Bl</sup>	40		
1.969	1.976		0.354					2.205	2.213		0.354						
50,00	50,20		9,50		V	710730 <sup>CW</sup>	32	56,00	56,20		12,00		N	710666 <sup>CCW</sup>	40		
1.969	1.976		0.374					56,00	56,20		12,00						
50,00	50,20		11,00		S	710324 <sup>CCW</sup>	32	2.205	2.213		0.472						
1.969	1.976		0.433					56,00	56,27		10,00		S	223543	32		
50,00	50,20	8,00	13,00		N	711120 <sup>CW</sup>	40	2.205	2.215		0.394						
1.969	1.976	0.315	0.512					56,00	56,30		9,00		S	2007N <sup>CW</sup>	40		
								2.205	2.217		0.354						
50,00	50,24		8,00		S	223520	35	2.240	2.246	2.525	0.764		N	710096 <sup>RC,Bl</sup>	74		
1.969	1.978		0.315					57,00	57,30	64,00	15,27		S	100165 <sup>RC</sup>	74		
50,00	50,34		7,00		H	3771 <sup>CW</sup>	35	2.244	2.246	2.520	0.601						
1.969	1.982		0.276					57,00	57,20		9,00		N	710702 <sup>CCW</sup>	40		
50,00	50,34		7,00		V	713771 <sup>CW</sup>	35	2.244	2.252		0.354						
1.969	1.982		0.276					58,00	58,10		10,00		S	223550	45		
								2.283	2.287		0.394						

SIZE SECTION

<sup>7</sup>Flanged O.D.; <sup>Bl</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>35,00mm (1.378") SHAFT (cont.)</b>							
58,00	58,20		8,00		N	710630 <sup>CW</sup>	40
2.283	2.291		0.315				
58,00	58,20		9,50		N	710752 <sup>BI</sup>	40
2.283	2.291		0.374				
60,00	60,23		10,00		S	710424	35
2.362	2.371		0.394				
62,00	62,28		8,00		N	4901 <sup>BI</sup>	40
2.441	2.452		0.315				
62,00	62,28		9,00		N	223553 <sup>CW</sup>	40
2.441	2.452		0.354				
62,00	62,28		9,50		S	223552	32
2.441	2.452		0.374				
62,60	62,84	70,00	10,40		S	710969 <sup>BI</sup>	#
2.465	2.474	2.756	0.409				
63,00	63,20		9,00		S	710138 <sup>BI</sup>	40
2.480	2.488		0.354				
63,00	63,28		10,00		S	710419	68
2.480	2.491		0.394				
2.500	2.513		0.435		S	7687S	35
65,00	65,10		12,00		S	710151	47
2.559	2.563		0.472				
2.582	2.590	2.795	0.512		S	710864	74
67,00	67,20		12,00		N	711089 <sup>CW</sup>	40
2.638	2.646		0.472				
67,00	67,27		12,00		N	1173 <sup>CW</sup>	40
2.638	2.648		0.472				
68,00	68,16		9,00		S	223580 <sup>CW</sup>	40
2.677	2.683		0.354				
68,00	68,20		9,00		N	710336 <sup>CCW</sup>	40
2.677	2.685		0.354				
71,00	71,30	77,60	13,00		N	710546 <sup>BI</sup>	74
2.795	2.807	3.055	0.512				
71,00	71,33		10,50		N	710583 <sup>BI</sup>	40
2.795	2.808		0.413				
73,10	73,30	79,80	8,15		N	711037 <sup>BI</sup>	#
2.878	2.886	3.142	0.321				
76,00	76,20		8,00		N	710629 <sup>CCW</sup>	40
2.992	3.000		0.315				
76,00	76,28		9,00		N	1147 <sup>CW</sup>	40
2.992	3.003		0.354				
78,00	78,20	84,00	9,00		V	711063 <sup>BI</sup>	74
3.071	3.079	3.307	0.354				
78,00	78,20		9,00		V	711080 <sup>BI</sup>	32
3.071	3.079		0.354				
83,00	83,19		8,00		N	710656 <sup>BI</sup>	74
3.268	3.275		0.315				
<b>1.380" SHAFT</b>							
2.288	2.291	2.638	0.750		V	710429	87
<b>1.399" SHAFT</b>							
2.250	2.254		0.250		S	470672 <sup>RC</sup>	47
2.290	2.294		0.500		S	710166 <sup>RC</sup>	74
2.292	2.296		0.460		S	8660S <sup>RC,BI</sup>	48
2.482	2.750	2.750	0.310		V	4795V <sup>RC,BI</sup>	74
<b>1.400" SHAFT</b>							
2.282	2.288	2.600	0.547		V	4857 <sup>BI</sup>	86

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.406" (1-13/32") SHAFT (cont.)</b>							
2.125	2.129		0.437		L	50126	5L
<b>36,00mm (1.417") SHAFT</b>							
			<b>0.518</b>			<b>99146 Redi-Sleeve</b>	
44,00	44,23		5,00		S	710252	32
1.732	1.741		0.197				
46,00	46,10		9,00		S	710343	33
1.811	1.815		0.354				
47,00	47,20		7,00		S	223601	35
1.850	1.858		0.276				
49,00	49,28		7,00		H	223602 <sup>CW</sup>	32
1.929	1.940		0.276				
1.953	1.961		0.276		N	321417N <sup>CW</sup>	32
50,00	50,08		7,00		S	223605 <sup>RC</sup>	47
1.969	1.972		0.276				
1.969	1.972		0.276		S	• 474097	47
52,00	52,20		10,00		S	223608 <sup>CCW</sup>	32
2.047	2.055		0.394				
55,00	55,09		11,10		S	2003N <sup>RC</sup>	47
2.165	2.169		0.437				
55,00	55,32		11,00		S	710479	65
2.165	2.178		0.433				
58,00	58,30		8,00		S	474288	47
2.283	2.295		0.315				
59,00	59,20		10,00		N	710954 <sup>CW</sup>	#
2.323	2.331		0.394				
60,00	60,20		8,00		V	1965	48
2.362	2.370		0.315				
61,00	61,20	67,00	10,00		E	710709 <sup>BI</sup>	87
2.402	2.409	2.638	0.394				
65,00	65,20		8,00		S	710057	48
2.559	2.567		0.315				
67,00	67,20	73,00	12,00		V	710592 <sup>CCW</sup>	87
2.638	2.646	2.874	0.472				
<b>1.435" SHAFT</b>							
			<b>0.563</b>			<b>99143 Redi-Sleeve</b>	
<b>1.437" (1-7/16") SHAFT</b>							
1.988	1.992		0.276		V	710611 <sup>CW</sup>	32
2.000	2.006		0.125		S	340930	34
<b>2.061</b>	<b>2.066</b>		<b>0.312</b>		<b>S</b>	<b>3395<sup>RC</sup></b>	<b>47</b>
2.061	2.066		0.312		S	• 474090	47
<b>2.125</b>	<b>2.129</b>		<b>0.312</b>		<b>S</b>	<b>473224<sup>RC</sup></b>	<b>47</b>
2.125	2.129		0.437		S	• 470453	47
2.125	2.129		0.437		N	• 470453N	47
2.125	2.129		0.437		S	• 480453	48
2.125	2.129		0.437		N	• 480453N	48
<b>2.250</b>	<b>2.254</b>		<b>0.312</b>		<b>S</b>	<b>473016<sup>RC</sup></b>	<b>47</b>
2.250	2.254		0.312		N	• 473016N	47
2.250	2.254		0.500		S	• 410171	41
2.250	2.254		0.500		S	• 470171	47
2.250	2.254		0.500		N	• 470171N	47
2.250	2.254		0.500		S	• 480171	48
2.312	2.316		0.375		S	472655 <sup>RC</sup>	47
<b>2.374</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>473225<sup>RC</sup></b>	<b>47</b>

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.437" (1-7/16") SHAFT (cont.)</b>							
2.374	2.378		0.500		S	• 480057	48
<b>2.437</b>	<b>2.441</b>		<b>0.312</b>		<b>S</b>	<b>474264<sup>RC</sup></b>	<b>47</b>
2.437	2.441		0.468		S	470062 <sup>RC</sup>	47
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>473226<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.500		S	• 480144	48
<b>2.623</b>	<b>2.627</b>		<b>0.375</b>		<b>S</b>	<b>473437<sup>RC</sup></b>	<b>47</b>
<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>471862<sup>RC</sup></b>	<b>47</b>
2.750	2.754		0.500		S	470808 <sup>RC</sup>	47
3.000	3.005		0.500		S	471405 <sup>RC</sup>	47
<b>1.438" SHAFT</b>							
			<b>0.375</b>			<b>99144 Redi-Sleeve</b>	
2.125	2.129		0.313		V	477719	47
2.250	2.254		0.313		V	477718	47
2.750	2.754		0.313		S	487503	48
<b>1.453" SHAFT</b>							
2.843	2.851		1.268		V	710874	#
<b>37,00mm (1.457") SHAFT</b>							
			<b>0.375</b>			<b>99145 Redi-Sleeve</b>	
50,00	50,20		8,00		N	711103 <sup>BI</sup>	32
1.969	1.976		0.315				
50,00	50,25		6,00		N	223750 <sup>CW</sup>	32
1.969	1.978		0.236				
50,50	50,70		7,00		N	710355 <sup>CW</sup>	32
1.988	1.996		0.276				
54,00	54,20		9,00		N	711096 <sup>BI</sup>	40
2.126	2.134		0.354				
54,00	54,20		12,00		N	710807 <sup>BI</sup>	32
2.126	2.134		0.472				
56,00	56,20		8,00		N	710913 <sup>CW</sup>	40
2.205	2.213		0.315				
56,00	56,20		12,50		V	710259 <sup>BI</sup>	32
2.205	2.213		0.492				
61,00	61,20		12,00		N	710985 <sup>CW</sup>	40
2.402	2.409		0.472				
62,00	62,20		10,00		N	710997 <sup>CCW</sup>	40
2.441	2.449		0.394				
62,00	62,23		10,00		S	710228	40
2.441	2.450		0.394				
62,00	62,26		14,00		S	4989	#
2.441	2.451		0.551				
64,00	64,25		10,00		N	711015 <sup>CCW</sup>	40
2.520	2.530		0.394				
2.638	2.646		0.394		E	711018 <sup>CW</sup>	40
78,40	78,60	84,50	11,00		V	710662 <sup>BI</sup>	85
3.087	3.095	3.327	0.433				
<b>1.468" (1-15/32") SHAFT</b>							
2.374	2.378		0.500		S	• 480058	48
2.374	2.378		0.500		N	• 480058N	48
<b>2.375</b>	<b>2.379</b>		<b>0.375</b>		<b>S</b>	<b>473438<sup>RC</sup></b>	<b>47</b>
<b>2.437</b>	<b>2.441</b>		<b>0.375</b>		<b>S</b>	<b>473439<sup>RC</sup></b>	<b>47</b>
<b>1.470" SHAFT</b>							
2.913	2.920		0.383		S	710566	79

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.476" SHAFT (cont.)</b>							
2.953	2.961		0.571		S	710688 <sup>BI</sup>	#
<b>1.479" SHAFT</b>							
2.563	2.567		0.470		S	710304	49
<b>1.480" SHAFT</b>							
1.929	1.941		0.295		V	710531	32
<b>1.484" SHAFT</b>							
2.254	2.258		0.250		L	40468	4L
2.254	2.258		0.312		L	50468	5L
2.375	2.388	2.913	0.433		N	710441	79
<b>1.491" SHAFT</b>							
2.191	2.195		0.250		S	8597S	48
<b>38,00mm (1.496") SHAFT</b>							
			<b>0.512</b>			<b>99147 Redi-Sleeve</b>	
47,00	47,10		7,00		S	223805	25
1.850	1.854		0.276				
49,00	49,20		8,00		N	710247 <sup>CW</sup>	62
1.929	1.937		0.315				
49,00	49,20		18,00		T	710769 <sup>CCW</sup>	86
1.929	1.937		0.709				
50,00	50,20		6,30		V	710711 <sup>CW</sup>	32
1.969	1.976		0.248				
50,00	50,20		7,00		V	710834 <sup>CCW</sup>	41
1.969	1.976		0.276				
50,00	50,22		8,00		N	223802 <sup>RC,CW</sup>	32
1.969	1.977		0.315				
50,00	50,22		8,00		N	710613 <sup>CW</sup>	32
1.969	1.977		0.315				
50,00	50,28		6,00		S	223801	32
1.969	1.980		0.236				
50,00	50,28		10,50		N	223800 <sup>CW</sup>	32
1.969	1.980		0.413				
51,00	51,20	60,00	12,00		N	710982 <sup>CCW</sup>	#
2.008	2.016	2.362	0.472				
52,00	52,20		6,00		S	710309	40
2.047	2.055		0.236				
52,00	52,20		7,00		N	321416 <sup>CW</sup>	32
2.047	2.055		0.276				
52,00	52,20		7,00		S	710642	32
2.047	2.055		0.276				
52,00	52,20		7,00		V	711049 <sup>CW</sup>	32
2.047	2.055		0.276				
52,00	52,25		6,00		S	1196	47
2.047	2.057		0.236				
52,00	52,25		8,50		S	1174	32
2.047	2.057		0.335				
2.049	2.053	2.303	0.250		S	3357 <sup>RC</sup>	283
2.058	2.063		0.250		S	482415 <sup>RC</sup>	48
53,00	53,30		7,00		V	1120 <sup>CCW</sup>	32
2.087	2.098		0.276				
54,00	54,10		25,00		T	39875 <sup>CW</sup>	#
2.126	2.130		0.984				
54,00	54,20		9,00		N	710716 <sup>CW</sup>	40
2.126	2.134		0.354				

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>38,00mm (1.496") SHAFT (cont.)</b>							
54,00	54,20		10,00		N	711095 <sup>CW</sup>	40
2.126	2.134		0.394				
54,00	54,30		7,00		S	239146	48
2.126	2.138		0.276				
54,70	54,90		8,00		E	710986	40
2.154	2.161		0.315				
55,00	55,25		9,00		N	223831 <sup>CW</sup>	32
2.165	2.175		0.354				
55,00	55,28		8,00		N	223830	32
2.165	2.176		0.315				
55,00	55,28		8,00		V	710524	48
2.165	2.176		0.315				
58,00	58,10		11,00		S	710319	47
2.283	2.287		0.433				
58,00	58,11		8,00		S	223840 <sup>RC</sup>	47
2.283	2.288		0.315				
58,00	58,11		8,00		V	223842	48
2.283	2.288		0.315				
58,00	58,11		8,00		S	• 474119	47
2.283	2.288		0.315				
58,00	58,20		10,00		E	710619 <sup>BI</sup>	32
2.283	2.291		0.394				
58,00	58,27		10,00		N	710139	40
2.283	2.294		0.394				
59,00	59,30		9,00		N	1038 <sup>CW</sup>	32
2.323	2.335		0.354				
60,00	60,35		8,00		S	223843	35
2.362	2.376		0.315				
62,00	62,20		9,00		N	710721 <sup>BI</sup>	40
2.441	2.449		0.354				
63,00	63,20		9,00		N	710715 <sup>CCW</sup>	40
2.480	2.488		0.354				
65,00	65,21		10,00		N	710594 <sup>BI</sup>	40
2.559	2.567		0.394				
65,00	65,27		12,00		N	1176	#
2.559	2.570		0.472				
74,00	74,20		11,00		V	710823 <sup>BI</sup>	40
2.913	2.921		0.433				
74,00	74,27		11,00		N	1177	32
2.913	2.924		0.433				
75,00	75,20		8,00		N	710989 <sup>BI</sup>	40
2.953	2.961		0.315				
75,00	75,20		10,00		V	710737 <sup>BI</sup>	32
2.953	2.961		0.394				
85,00	85,20		10,00		V	710713 <sup>CW</sup>	32
3.346	3.354		0.394				
<b>1.500" (1-1/2") SHAFT</b>							
			<b>0.375</b>			<b>99150 Redi-Sleeve</b>	
			<b>0.563</b>			<b>99149 Redi-Sleeve</b>	
1.874	1.879		0.250		S	253099	25
1.874	1.880		0.250		S	343099	34
1.875	1.880		0.188		S	710044	34
1.938	1.942		0.250		S	42260S	4S
1.983	1.987		0.250		L	40382	4L
1.983	1.987		0.437		N	452554N <sup>RC</sup>	45
1.983	1.987		0.437		S	472554 <sup>RC</sup>	47

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.500" (1-1/2") SHAFT (cont.)</b>							
1.983	1.988		0.187		S	443018	44
1.983	1.988		0.250		S	474276 <sup>RC</sup>	47
1.983	1.988		0.250		V	474276V <sup>RC</sup>	47
1.989	1.993		0.250		L	41257	4L
1.989	1.993	2.500	0.285		S	3677 <sup>RC</sup>	287
1.997	2.001		0.531		S	6759S	1S
1.997	2.003		0.250		V	797716	#
2.000	2.004		0.281		S	797738	#
2.000	2.004		0.312		S	481163 <sup>RC</sup>	48
2.000	2.005		0.250		U	710023	#
2.000	2.008		0.315		S	321412	32
2.000	2.010		0.187		S	240319	24
2.048	2.052		0.375		S	472466 <sup>RC</sup>	47
2.062	2.066		0.240		S	7537S	24
2.062	2.066		0.250		F	6545 <sup>RC</sup>	21
<b>2.062</b>	<b>2.066</b>		<b>0.250</b>		<b>S</b>	<b>480630<sup>RC</sup></b>	<b>48</b>
2.062	2.066		0.375		S	480991 <sup>RC</sup>	48
2.062	2.066		0.437		S	470451 <sup>RC</sup>	47
2.064	2.068		0.375		V	797706	#
<b>2.125</b>	<b>2.129</b>		<b>0.312</b>		<b>S</b>	<b>473227<sup>RC</sup></b>	<b>47</b>
2.125	2.129		0.312		N	• 473227N	47
2.125	2.129		0.312		V	473227V <sup>RC</sup>	47
2.125	2.129		0.437		S	• 410394	41
2.125	2.129		0.437		N	• 410394N	41
2.125	2.129		0.437		H	• 450394RH	45
2.125	2.129		0.437		S	470394 <sup>RC</sup>	47
2.125	2.129		0.437		N	470394N <sup>RC</sup>	47
2.125	2.134		0.437		S	350394	35
2.187	2.187		0.500		L	6312 <sup>B</sup>	8L
2.222	2.226		0.312		S	480844 <sup>RC</sup>	48
2.247	2.253	2.450	0.239		N	710628 <sup>RC,CCW</sup>	75
2.249	2.253	2.450	0.360		N	331228H <sup>RC,CW</sup>	75
2.249	2.254		0.250		S	5115 <sup>RC,CW</sup>	47
<b>2.250</b>	<b>2.254</b>		<b>0.312</b>		<b>S</b>	<b>470625<sup>RC</sup></b>	<b>47</b>
2.250	2.254		0.312		N	• 470625N	47
2.250	2.254		0.312		V	470625V <sup>RC</sup>	47
2.250	2.254		0.375		N	• 450548N	45
2.250	2.254		0.375		S	470548 <sup>RC</sup>	47
2.250	2.254		0.500		S	• 480136	48
2.250	2.258		0.250		S	340136	34
2.252	2.256		0.375		S	• 471507	47
2.252	2.256		0.375		N	• 471507N	47
2.252	2.256		0.375		S	• 481507	48
2.252	2.256		0.375		N	• 481507N	48
2.252	2.256		0.375		V	• 481507V	48
<b>2.254</b>	<b>2.258</b>		<b>0.312</b>		<b>S</b>	<b>453065</b>	<b>45</b>
2.256	2.260		0.270		S	200859 <sup>B</sup>	200E
2.260	2.264		0.405		S	9363S <sup>RC</sup>	41
2.311	2.315		0.500		V	712023 <sup>2</sup>	#
2.327	2.332		0.406		S	203013	203
2.327	2.332		0.406		S	204013	204
2.327	2.332		0.406		S	• 204013X	204
2.328	2.332		0.437		S	• 482591	48
2.328	2.332		0.500		S	797705	#
2.372	2.376	69.088	0.350		N	2194 <sup>RC,CCW</sup>	88

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.500" (1-1/2") SHAFT (cont.)</b>							
2.372	2.376	2.640	0.420		N	7692S <sup>RC,CCW</sup>	79
2.374	2.378		0.250		S	40059S	4S
2.374	2.378		0.375		S	• 451308	45
2.374	2.378		0.500		S	410059 <sup>RC</sup>	41
2.374	2.378		0.500		N	• 410059N	41
2.374	2.378		0.500		N	• 450059N	45
2.374	2.378		0.500		V	• 450059V	45
2.374	2.378		0.500		S	470059 <sup>RC</sup>	47
2.374	2.378		0.500		N	• 470059N	47
2.374	2.378		0.500		S	• 480059	48
2.374	2.378		0.500		N	• 480059N	48
<b>2.375</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>470380<sup>RC</sup></b>	<b>47</b>
2.375	2.378		0.312		V	470380V <sup>RC</sup>	47
2.377	2.381	2.550	0.470		S	9613S <sup>RC,CCW</sup>	71
2.377	2.381		0.500		S	472189A <sup>RC,CCW</sup>	47
2.377	2.385		0.433		S	710426 <sup>9,BI</sup>	40
2.437	2.441		0.250		S	7886S	48
2.437	2.441		0.250		S	40063S	4S
<b>2.437</b>	<b>2.441</b>		<b>0.375</b>		<b>S</b>	<b>471820<sup>RC</sup></b>	<b>47</b>
<b>2.441</b>	<b>2.445</b>		<b>0.375</b>		<b>S</b>	<b>471344<sup>RC</sup></b>	<b>47</b>
2.441	2.445		0.500		S	• 480814	48
2.462	2.482		0.290		S	200861 <sup>B</sup>	200E
2.500	2.512		0.354		T	710414	35
2.502	2.506		0.250		S	797721	#
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>473228<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.312		N	• 473228N	47
2.502	2.506		0.312		V	473228V <sup>RC</sup>	47
2.502	2.506		0.375		S	481837 <sup>RC</sup>	48
2.502	2.506		0.437		S	51098 <sup>RC</sup>	48
2.502	2.506		0.500		S	• 410067	41
2.502	2.506		0.500		S	450067 <sup>RC</sup>	45
2.502	2.506		0.500		N	• 450067N	45
2.502	2.506		0.500		S	• 450067S	45
2.502	2.506		0.500		S	• 480067	48
<b>2.561</b>	<b>2.565</b>		<b>0.500</b>		<b>S</b>	<b>410190<sup>RC</sup></b>	<b>41</b>
2.623	2.627		0.250		S	41461S	4S
<b>2.623</b>	<b>2.627</b>		<b>0.500</b>		<b>S</b>	<b>451857<sup>RC</sup></b>	<b>45</b>
2.686	2.690		0.500		S	470487 <sup>RC</sup>	47
<b>2.686</b>	<b>2.690</b>		<b>0.500</b>		<b>N</b>	<b>470487N<sup>RC</sup></b>	<b>47</b>
<b>2.717</b>	<b>2.720</b>		<b>0.468</b>		<b>S</b>	<b>450984<sup>RC</sup></b>	<b>45</b>
<b>2.750</b>	<b>2.754</b>		<b>0.312</b>		<b>S</b>	<b>473440<sup>RC</sup></b>	<b>47</b>
2.750	2.754		0.500		S	450461	45
2.758	2.762		0.500		S	470077 <sup>RC</sup>	47
2.758	2.762		0.500		S	• 480077	48
<b>2.758</b>	<b>2.763</b>		<b>0.312</b>		<b>S</b>	<b>474281<sup>RC</sup></b>	<b>47</b>
2.835	2.839		0.468		S	471915 <sup>RC</sup>	47
<b>2.875</b>	<b>2.879</b>		<b>0.468</b>		<b>S</b>	<b>450523<sup>RC</sup></b>	<b>45</b>
2.875	2.879		0.468		S	• 480523	48
<b>2.996</b>	<b>3.001</b>		<b>0.500</b>		<b>S</b>	<b>450326<sup>RC</sup></b>	<b>45</b>
<b>3.000</b>	<b>3.005</b>		<b>0.375</b>		<b>S</b>	<b>471958<sup>RC</sup></b>	<b>47</b>
3.150	3.155		0.500		S	472446 <sup>RC</sup>	47
3.189	3.194		0.437		S	450540	45
3.350	3.355		0.468		S	• 450493	45
3.544	3.548		0.500		S	455308	45
<b>1.502" SHAFT</b>							
2.126	2.132		0.492		N	4530 <sup>RC,CCW</sup>	96

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.502" SHAFT (cont.)</b>							
2.136	2.144		0.488		N	710760 <sup>CCW</sup>	#
2.377	2.381	2.717	0.374		N	4583 <sup>RC,CCW</sup>	86
<b>1.503" SHAFT</b>							
2.374	2.379	2.723	0.374		N	4934 <sup>RC,CCW</sup>	79
2.376	2.383	2.640	0.420		N	4370N <sup>RC,CCW</sup>	88
<b>1.504" SHAFT</b>							
2.375	2.381		0.362		V	710691 <sup>CCW</sup>	40
<b>1.512" SHAFT</b>							
2.322	2.337		0.339		T	710605 <sup>CW</sup>	32
<b>1.516" SHAFT</b>							
1.988	1.996		0.295		V	710859 <sup>CW</sup>	32
2.087	2.096		0.315		N	710233 <sup>CW</sup>	32
2.283	2.291		0.433		N	710318 <sup>CW</sup>	32
<b>1.521" SHAFT</b>							
2.656	2.660	2.960	0.424		S	8610 <sup>RC,CW</sup>	74
2.656	2.660	2.960	0.425		N	710532	75
2.661	2.669	2.874	0.445		S	710547	75
<b>1.523" SHAFT</b>							
			<b>0.438</b>			<b>99152 Redi-Sleeve</b>	
2.714	2.718		0.500		S	8940S	48
<b>1.531" (1-17/32") SHAFT</b>							
<b>2.374</b>	<b>2.378</b>		<b>0.375</b>		<b>S</b>	<b>452222<sup>RC</sup></b>	<b>45</b>
2.374	2.378		0.500		S	• 410060	41
2.374	2.379		0.375		S	472222 <sup>RC</sup>	47
<b>1.532" SHAFT</b>							
3.143	3.146		0.315		V	710673 <sup>CCW</sup>	32
<b>1.535" SHAFT</b>							
50,00	50,20		21,70		N	710918	#
1.969	1.976		0.854				
50,00	50,29		11,00		N	710120	35
1.969	1.980		0.433				
1.988	1.998		0.335		S	1126	25
52,00	52,10		6,00		S	710338	66
2.047	2.051		0.236				
2.094	2.098		0.315		N	710451 <sup>CW</sup>	32
54,00	54,10		6,00		S	710404	49
2.126	2.130		0.236				
56,00	56,20	66,00	8,00		N	710772	40
2.205	2.213	2.598	0.315				
57,00	57,20		11,00		N	710123	40
2.244	2.252		0.433				
57,00	57,20		15,00		N	710122	40
2.244	2.252		0.591				
57,00	57,38		9,65		V	324204 <sup>CW</sup>	32
2.244	2.259		0.380				
59,00	59,20		10,00		N	711073 <sup>CW</sup>	40
2.323	2.331		0.394				
2.323	2.331		0.531		N	710984 <sup>BI</sup>	40
59,00	59,28		12,00		N	710214	40
2.323	2.334		0.472				

SIZE SECTION

<sup>B</sup>External Bore; <sup>9</sup>Triple Lip Design; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.535" SHAFT (cont.)</b>							
59,00	59,32		8,00		N	710632	40
2.323	2.335		0.315				
59,00	59,30		11,00		S	710118	40
2.323	2.335		0.433				
60,00	60,20		10,30		N	710922	40
2.362	2.370		0.406				
63,00	63,20		8,60		V	710582 <sup>BI</sup>	32
2.480	2.488		0.339				
63,00	63,20		10,50		V	710738 <sup>BI</sup>	40
2.480	2.488		0.413				
72,00	72,24		8,00		V	710486 <sup>CCW</sup>	32
2.835	2.844		0.315				
80,30	80,50	85,00	9,00		V	711105 <sup>BI</sup>	87
3.161	3.169	3.346	0.354				
82,00	82,20		13,00		N	710921	40
3.228	3.236		0.512				
<b>1.550" SHAFT</b>							
2.686	2.690		0.500		S	8695S <sup>RC,BI</sup>	47
<b>1.552" SHAFT</b>							
			<b>0.438</b>			<b>99155 Redi-Sleeve</b>	
2.400	2.402	2.775	0.415		S	4244 <sup>BI</sup>	72
2.447	2.452		0.394		N	710657 <sup>CW</sup>	86
2.447	2.452	2.700	3.934		S	710046 <sup>RC,CW</sup>	86
2.502	2.506		0.312		N	711552	47
2.502	2.506		0.500		S	472635 <sup>RC</sup>	47
2.502	2.506		0.500		N	• 472635N	47
2.795	2.795	2.803	0.546		V	710482 <sup>BI</sup>	86
3.160	3.165		0.608		V	4941V <sup>RC</sup>	74
3.160	3.165		0.630		V	710461	72
3.160	3.165		0.645		N	5778 <sup>RC</sup>	72
3.160	3.165		0.645		V	5778V	72
3.160	3.166		0.567		V	4434V	72
<b>1.558" SHAFT</b>							
2.250	2.254	2.515	0.437		S	8935S	79
2.372	2.376	2.720	0.350		S	2506 <sup>RC</sup>	79
<b>1.560" SHAFT</b>							
2.622	2.630		0.551		N	710492	#
<b>1.561" SHAFT</b>							
2.565	2.570	2.839	0.314		V	710712 <sup>CW</sup>	74
<b>1.562" (1-9/16") SHAFT</b>							
			<b>0.563</b>			<b>99156 Redi-Sleeve</b>	
2.062	2.066		0.200		S	7994S	44
2.062	2.066		0.250		S	8421S	33
2.062	2.066		0.250		V	330749V	33
2.062	2.067		0.188		T	39920 <sup>CW</sup>	FW-H
2.096	2.102		0.250		S	340927	34
2.125	2.129		0.375		T	39711 <sup>CW</sup>	FW-H
<b>2.125</b>	<b>2.129</b>		<b>0.375</b>		<b>S</b>	<b>473517<sup>RC</sup></b>	<b>47</b>
2.125	2.129		0.437		S	• 411016	41
2.125	2.129		0.437		S	• 481016	48
2.125	2.129		0.437		N	• 481016N	48

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.562" (1-9/16") SHAFT (cont.)</b>							
2.237	2.257		0.290		S	200887 <sup>B</sup>	200E
<b>2.250</b>	<b>2.254</b>		<b>0.312</b>		<b>S</b>	<b>472213<sup>RC</sup></b>	<b>47</b>
2.374	2.378		0.250		S	40438S	4S
<b>2.374</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>472299<sup>RC</sup></b>	<b>47</b>
2.374	2.378		0.312		V	472299V <sup>RC</sup>	47
<b>2.437</b>	<b>2.441</b>		<b>0.375</b>		<b>S</b>	<b>471821<sup>RC</sup></b>	<b>47</b>
2.437	2.441		0.468		S	• 410064	41
2.437	2.441		0.468		S	470064 <sup>RC</sup>	47
2.437	2.441		0.468		S	• 480064	48
2.437	2.441		0.500		S	• 480963	48
<b>2.441</b>	<b>2.445</b>		<b>0.375</b>		<b>S</b>	<b>471827<sup>RC</sup></b>	<b>47</b>
2.441	2.445		0.500		S	• 470684	47
2.441	2.457		0.500		S	8160S	32
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>473229<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.375		S	• 470903	47
2.502	2.506		0.500		S	450185 <sup>RC</sup>	45
2.502	2.506		0.500		N	• 450185N	45
2.502	2.506		0.500		V	450185V <sup>RC</sup>	45
2.502	2.506		0.500		S	• 480185	48
2.531	2.621		0.285		S	200640 <sup>B</sup>	200E
<b>2.561</b>	<b>2.565</b>		<b>0.500</b>		<b>S</b>	<b>450143<sup>RC</sup></b>	<b>45</b>
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		<b>S</b>	<b>470682<sup>RC</sup></b>	<b>47</b>
2.684	2.701		0.250		S	6336S <sup>B</sup>	26
2.686	2.690		0.375		L	5796	201
<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>471316<sup>RC</sup></b>	<b>47</b>
2.717	2.720		0.468		S	450803 <sup>RC</sup>	45
<b>2.750</b>	<b>2.754</b>		<b>0.375</b>		<b>S</b>	<b>473441<sup>RC</sup></b>	<b>47</b>
2.750	2.754		0.500		S	• 470109	47
2.758	2.762		0.500		S	• 410273	41
<b>2.758</b>	<b>2.762</b>		<b>0.500</b>		<b>S</b>	<b>450273<sup>RC</sup></b>	<b>45</b>
2.833	2.840		0.493		V	4889 <sup>RC,BI</sup>	#
2.873	2.880		0.493		V	4890 <sup>RC,BI</sup>	47
<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>473442<sup>RC</sup></b>	<b>47</b>
2.875	2.879		0.468		S	• 470418	47
2.996	3.000		0.312		S	• 453510	45
3.150	3.155		0.312		S	473490 <sup>RC</sup>	47
3.543	3.548		0.375		S	476510 <sup>RC</sup>	47
66.642	2.627		0.625		S	5525 <sup>RC</sup>	41
<b>1.563" SHAFT</b>							
2.047	2.053		0.276		V	477722	47
2.062	2.066		0.250		S	487519	48
<b>1.565" SHAFT</b>							
2.372	2.382		0.394		S	710198	40
<b>1.567" SHAFT</b>							
2.441	2.449		0.315		V	710904 <sup>CW</sup>	32
<b>1.569" SHAFT</b>							
			<b>0.625</b>			<b>99159 Redi-Sleeve</b>	
<b>1.574" SHAFT</b>							
2.410	2.415		0.540		V	714569 <sup>BI</sup>	32
<b>40,00mm (1.575") SHAFT</b>							
			<b>0.390</b>			<b>99153 Redi-Sleeve</b>	

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>40,00mm (1.575") SHAFT (cont.)</b>								<b>40,00mm (1.575") SHAFT (cont.)</b>							
52,00	52,12		7,00		V	224053 <sup>CCW</sup>	32	58,00	58,20		9,00		E	710677 <sup>BI</sup>	32
2.047	2.052		0.276					2.283	2.291		0.354				
52,00	52,12	58,00	7,50		S	1962 <sup>RC</sup>	78	58,00	58,20		11,00		N	710689 <sup>CCW</sup>	32
2.047	2.052	2.283	0.295					2.283	2.291		0.433				
52,00	52,20		6,00		N	710308 <sup>CW</sup>	32	58,00	58,20	63,00	11,20		N	710797 <sup>BI</sup>	74
2.047	2.055		0.236					2.283	2.291	2.480	0.441				
52,00	52,20	62,00	6,50		S	239201	40	58,00	58,24		6,00		S	710505	32
2.047	2.055	2.441	0.256					2.283	2.293		0.236				
52,00	52,22		9,00		S	4175	#	60,00	60,12		5,50		V	710539 <sup>CW</sup>	32
2.047	2.056		0.354					2.362	2.367		0.217				
52,00	52,28		7,00		S	224010	35	60,00	60,20		8,00		S	710147	40
2.047	2.058		0.276					2.362	2.370		0.315				
52,00	52,28		7,00		S	224015 <sup>RC</sup>	32	60,00	60,20	66,00	9,40		V	710999 <sup>BI</sup>	74
2.047	2.058		0.276					2.362	2.370	2.598	0.370				
52,00	52,28		7,00		S	224052 <sup>CW</sup>	32	60,00	60,20		10,00		S	224040	35
2.047	2.058		0.276					2.362	2.370		0.394				
52,00	52,28	56,00	9,00		N	1217	35	60,00	60,20		12,00		N	710967 <sup>BI</sup>	#
2.047	2.058	2.205	0.354					2.362	2.370		0.472				
54,00	54,10		5,50		N	1213N <sup>RC</sup>	47	62,00	62,20		11,00		N	710770	32
2.126	2.130		0.217					2.441	2.449		0.433				
54,00	54,10		7,00		S	710311	25	62,00	62,27		10,00		V	710196	32
2.126	2.130		0.276					2.441	2.452		0.394				
54,00	54,20		6,00		S	710444 <sup>CCW</sup>	32	62,00	62,27		11,00		S	224045 <sup>BI</sup>	32
2.126	2.134		0.236					2.441	2.452		0.433				
54,00	54,20		10,00		N	710287 <sup>BI</sup>	32	62,00	62,30		6,50		S	710227	32
2.126	2.134		0.394					2.441	2.453		0.256				
55,00	55,09		8,00		S	473677 <sup>RC</sup>	47	63,00	63,30		8,00		N	224063 <sup>CW</sup>	40
2.165	2.169		0.315					2.480	2.492		0.315				
55,00	55,10	62,20	12,00		N	710808 <sup>BI</sup>	#	64,00	64,20		8,00		N	710733 <sup>BI</sup>	40
2.165	2.170	2.449	0.472					2.520	2.528		0.315				
55,00	55,20		7,00		V	711005 <sup>CW</sup>	32	64,00	64,20		8,00		V	710966 <sup>CCW</sup>	32
2.165	2.173		0.276					2.520	2.528		0.315				
55,00	55,20		7,33		V	710717 <sup>BI</sup>	32	64,00	64,20		9,00		N	710731 <sup>CW</sup>	40
2.165	2.173		0.289					2.520	2.528		0.354				
55,00	55,20		7,50		N	710798 <sup>BI</sup>	40	64,00	64,20		10,00		N	710727	40
2.165	2.173		0.295					2.520	2.528		0.394				
55,00	55,28		8,00		N	224020 <sup>CW</sup>	32	64,10	64,30	70,00	11,50		V	711065 <sup>BI</sup>	#
2.165	2.176		0.315					2.524	2.531	2.756	0.453				
55,50	55,70		9,00		S	710300	47	65,00	65,20	68,00	6,50		V	710889 <sup>CW</sup>	74
2.185	2.193		0.354					2.559	2.567	2.677	0.256				
56,00	56,20		8,00		V	710598 <sup>BI</sup>	40	65,00	65,20	67,50	6,50		V	711022 <sup>CW</sup>	74
2.205	2.213		0.315					2.559	2.567	2.657	0.256				
56,00	56,20	65,00	10,00		S	710134	40	65,00	65,28		10,00		S	224100	35
2.205	2.213	2.559	0.394					2.559	2.570		0.394				
56,00	56,25		7,00		N	224025 <sup>RC,CW</sup>	48	66,00	66,30		8,00		N	224066 <sup>CW</sup>	40
2.205	2.215		0.276					2.598	2.610		0.315				
56,00	56,26		7,00		V	224026	35	2.618	2.626		0.748		N	710530	#
2.205	2.215		0.276					2.677	2.681		0.354		N	224068 <sup>CW</sup>	40
56,00	56,26		10,00		S	712551	32	2.677	2.685	2.992	0.472		N	4141	#
2.205	2.215		0.394					69,00	69,20		13,50		N	710491 <sup>BI</sup>	#
56,00	56,12	63,00	10,00		N	710540 <sup>BI</sup>	57	2.717	2.724		0.531				
2.206	2.209	2.480	0.394					69,00	69,20		13,50		S	710686 <sup>BI</sup>	40
58,00	58,14	64,00	9,00		N	3459 <sup>RC,BI</sup>	74	2.717	2.724		0.531				
2.283	2.289	2.520	0.354					69,00	69,20		15,40		S	710548	32
58,00	58,20		8,50		N	710512 <sup>CCW</sup>	40	2.717	2.724		0.606				
2.283	2.291		0.335												

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®



Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>40,00mm (1.575") SHAFT (cont.)</b>							
70,00	70,20		10,00		N	711034 <sup>CCW</sup>	40
2.756	2.764		0.394				
70,00	70,20		13,00		V	710983	40
2.756	2.764		0.512				
70,00	70,20	73,00	14,50		N	710250	91
2.756	2.764	2.874	0.571				
58,00	58,20		8,00		E	710678 <sup>CCW</sup>	32
2.830	2.291		0.315				
72,00	72,20		10,00		V	710839 <sup>CCW</sup>	40
2.835	2.843		0.394				
72,00	72,20		11,00		S	710523	40
2.835	2.843		0.433				
72,00	72,35		7,00		V	350572	35
2.835	2.848		0.276				
74,00	74,12		10,00		S	474133 <sup>RC</sup>	47
2.913	2.918		0.394				
74,00	74,20		10,00		N	711021 <sup>CW</sup>	32
2.913	2.921		0.394				
74,00	74,20		10,00		N	711013 <sup>BI</sup>	40
2.913	2.921		0.394				
75,00	75,10		15,00		N	710687 <sup>BI</sup>	#
2.953	2.957		0.591				
75,00	75,15	81,00	12,00		V	710591 <sup>CCW</sup>	87
2.953	2.959	3.189	0.472				
75,00	75,20	80,00	8,00		N	711116 <sup>BI</sup>	#
2.953	2.961	3.150	0.315				
75,00	75,20		10,00		V	710776 <sup>BI</sup>	32
2.953	2.961		0.394				
75,00	75,20		11,00		N	710670 <sup>CCW</sup>	40
2.953	2.961		0.433				
75,00	75,20		12,00		S	712011	32
2.953	2.961		0.472				
75,00	75,30		12,00		S	710113	40
2.953	2.965		0.472				
76,00	76,20		7,00		N	710898 <sup>CCW</sup>	32
2.992	3.000		0.276				
76,00	76,25		9,00		S	1036 <sup>CW</sup>	40
2.992	3.002		0.354				
76,00	76,28		12,50		N	1146 <sup>CCW</sup>	32
2.992	3.003		0.492				
<b>1.578" SHAFT</b>							
			<b>0.512</b>			<b>99157 Redi-Sleeve</b>	
2.408	2.412		0.500		S	450666 <sup>RC</sup>	45
<b>1.593" (1-19/32") SHAFT</b>							
<b>2.437</b>	<b>2.441</b>		<b>0.468</b>		<b>S</b>	<b>450065<sup>RC</sup></b>	<b>45</b>
<b>2.502</b>	<b>2.506</b>		<b>0.250</b>		<b>S</b>	<b>482253<sup>RC</sup></b>	<b>48</b>
2.502	2.506		0.250		N	• 482253N	48
2.623	2.627		0.340		S	451469 <sup>RC</sup>	45
2.758	2.762		0.500		S	450274 <sup>RC</sup>	45
<b>1.594" SHAFT</b>							
2.067	2.075		0.236		N	710436 <sup>CW</sup>	35
2.125	2.129		0.250		S	480581 <sup>RC</sup>	48
2.125	2.129		0.281		N	• 481384N	48
3.150	3.157		0.394		N	710736	75
<b>1.598" SHAFT</b>							
2.476	2.483	2.747	0.350		V	4765 <sup>RC,CCW</sup>	79

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.598" SHAFT (cont.)</b>							
2.476	2.483	2.747	0.420		N	4764 <sup>RC,CCW</sup>	86
<b>40,70mm (1.602") SHAFT</b>							
72,00	72,20	78,50	12,00		S	710710	#
2.835	2.843	3.091	0.472				
<b>1.605" SHAFT</b>							
			<b>0.500</b>			<b>99160 Redi-Sleeve</b>	
2.560	2.565		0.369		N	714679 <sup>RC,BI</sup>	90
2.795	2.804	3.061	0.364		N	4674N <sup>RC,BI</sup>	#
<b>1.609" SHAFT</b>							
2.435	2.441		0.300		V	2658V <sup>RC,CW</sup>	75
<b>1.610" SHAFT</b>							
2.500	2.531		0.300		S	6283S	26
<b>41,00mm (1.614") SHAFT</b>							
			<b>0.500</b>			<b>99163 Redi-Sleeve</b>	
53,00	53,25		7,00		S	1950 <sup>RC</sup>	41
2.087	2.096		0.276				
55,00	55,29		7,00		S	1180	32
2.165	2.177		0.276				
56,00	56,13		7,00		V	711181 <sup>CW</sup>	32
2.205	2.210		0.276				
59,00	59,10		10,00		N	710114 <sup>CW</sup>	98
2.323	2.327		0.394				
61,00	61,14		9,00		V	710747 <sup>BI</sup>	40
2.402	2.407		0.354				
61,00	61,14		16,00		N	710497 <sup>BI</sup>	32
2.402	2.407		0.630				
61,00	61,20		8,00		N	710141 <sup>CCW</sup>	40
2.402	2.409		0.315				
61,00	61,20	67,75	8,00		N	710978 <sup>CCW</sup>	#
2.402	2.409	2.667	0.315				
61,00	61,20	67,75	8,10		V	710979 <sup>CW</sup>	74
2.402	2.409	2.667	0.319				
2.435	2.440		0.299		N	710535 <sup>CW</sup>	32
62,00	62,23		9,00		N	710220 <sup>CW</sup>	32
2.441	2.450		0.354				
74,00	74,20		11,00		N	710697 <sup>BI</sup>	40
2.913	2.921		0.433				
94,00	94,30	102,00	24,00		V	710926	#
3.701	3.713	4.016	0.945				
<b>1.618" SHAFT</b>							
2.124	2.128		0.250		V	• 483525V	48
2.531	2.535		0.750		S	8477S	48
2.575	2.579		0.460		S	8835S <sup>RC,BI</sup>	33
2.841	2.849	3.179	0.500		N	4762N <sup>RC,BI</sup>	74
<b>1.625" (1-5/8") SHAFT</b>							
			<b>0.313</b>			<b>99161 Redi-Sleeve</b>	
			<b>0.563</b>			<b>99162 Redi-Sleeve</b>	
2.000	2.004		0.250		S	473694 <sup>RC</sup>	47
2.087	2.091		0.275		S	• 413799	41
2.116	2.120		0.312		S	472419 <sup>RC</sup>	47

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.625" (1-5/8") SHAFT (cont.)</b>								<b>1.625" (1-5/8") SHAFT (cont.)</b>							
2.125	2.129		0.250		S	481181 <sup>RC</sup>	48	2.623	2.627		0.500		S	450069 <sup>RC</sup>	45
2.125	2.129		0.250		N	481181N <sup>RC</sup>	48	2.623	2.627		0.500		N	• 450069N	45
<b>2.250</b>	<b>2.254</b>		<b>0.312</b>		<b>S</b>	<b>473230<sup>RC</sup></b>	<b>47</b>	2.623	2.627		0.500		V	• 450069V	45
2.250	2.254		0.312		S	• 483230	48	2.623	2.627		0.500		S	• 470069	47
2.250	2.254		0.312		V	483230V <sup>RC</sup>	48	2.623	2.627		0.500		S	• 480069	48
2.251	2.255		0.375		S	1999 <sup>RC</sup>	48	2.625	2.629		0.250		S	40568S	4S
2.251	2.256		0.375		S	• 471289	47	2.625	2.629		0.500		T	50568 <sup>CW</sup>	5S
2.251	2.256		0.375		S	• 481289	48	2.625	2.629		0.500		T	50569	5S
2.282	2.286		0.313		S	710204	48	<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>481864<sup>RC</sup></b>	<b>48</b>
2.327	2.332		0.406		S	204017	204	2.722	2.727		0.406		F	5727	205
2.328	2.332		0.406		F	205017	205	2.750	2.754		0.250		L	40286	4L
2.328	2.332		0.437		S	473117 <sup>RC</sup>	47	<b>2.750</b>	<b>2.754</b>		<b>0.312</b>		<b>S</b>	<b>474274<sup>RC</sup></b>	<b>47</b>
2.328	2.332		0.437		N	• 473117N	47	2.750	2.754		0.375		S	473443 <sup>RC</sup>	47
2.374	2.378		0.250		S	487507	48	2.750	2.754		0.500		S	• 410286	41
<b>2.374</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>473231<sup>RC</sup></b>	<b>47</b>	2.750	2.754		0.500		N	• 410286N	41
2.374	2.378		0.312		V	473231V <sup>RC</sup>	47	2.758	2.762		0.500		S	450275 <sup>RC</sup>	45
2.374	2.378		0.375		S	• 471150	47	2.835	2.839		0.468		S	450819 <sup>RC</sup>	45
2.374	2.378		0.375		N	• 481150N	48	<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>473444<sup>RC</sup></b>	<b>47</b>
2.374	2.378		0.437		S	453341 <sup>RC</sup>	45	2.875	2.879		0.375		V	473444V <sup>RC</sup>	47
2.374	2.378		0.500		S	• 410358	41	2.875	2.879		0.468		S	450078 <sup>RC</sup>	45
2.374	2.378		0.500		N	410358N <sup>RC</sup>	41	2.875	2.879		0.500		S	• 482170	48
2.374	2.378		0.500		S	470358 <sup>RC</sup>	47	2.996	3.001		0.500		S	450415 <sup>RC</sup>	45
<b>2.437</b>	<b>2.441</b>		<b>0.312</b>		<b>S</b>	<b>473367<sup>RC</sup></b>	<b>47</b>	<b>3.000</b>	<b>3.004</b>		<b>0.312</b>		<b>S</b>	<b>414268<sup>RC</sup></b>	<b>41</b>
2.437	2.441		0.312		V	473367V <sup>RC</sup>	47	3.000	3.005		0.500		S	450539 <sup>RC</sup>	45
2.437	2.441		0.312		V	483367V <sup>RC</sup>	48	3.000	3.005		0.500		S	• 480539	48
2.437	2.441		0.375		S	471419 <sup>RC</sup>	47	3.062	3.066		0.500		S	450335 <sup>RC</sup>	45
2.437	2.441		0.375		S	• 481419	48	3.251	3.256		0.500		S	450467 <sup>RC</sup>	45
2.437	2.441		0.468		S	• 410066	41	3.543	3.548		0.375		S	• 477104	47
2.437	2.441		0.468		S	450066 <sup>RC</sup>	45	3.937	3.942		0.375		S	• 476878	47
2.437	2.441		0.468		N	• 450066N	45	<b>1.628" SHAFT</b>							
2.437	2.441		0.468		S	470066 <sup>RC</sup>	47	2.125	2.131		0.342		S	710202	30
2.437	2.441		0.500		V	• 482401V	48	2.278	2.282		0.343		S	710241	68
2.440	2.444		0.472		S	710403	#	<b>1.650" SHAFT</b>							
2.440	2.446		0.417		V	710659 <sup>BI</sup>	66	2.282	2.336		0.768		H	3083 <sup>CW</sup>	48
2.441	2.445		0.375		S	471829 <sup>RC</sup>	47	2.633	2.638		0.963		N	710701	298
2.462	2.467		0.250		S	200641 <sup>B</sup>	200E	<b>42,00mm (1.653") SHAFT</b>							
2.502	2.506		0.250		S	• 472758	47				<b>0.445</b>		<b>99166</b>	<b>Redi-Sleeve</b>	
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>473010<sup>RC</sup></b>	<b>47</b>	63,00	63,20		11,00		N	711072 <sup>CCW</sup>	40
2.502	2.506		0.312		N	473010N	47	2.480	2.488		0.433				
2.502	2.506		0.312		V	473010V <sup>RC</sup>	47	72,00	72,20	83,80	13,00		V	711057 <sup>CW</sup>	74
2.502	2.506		0.312		S	• 483010	48	2.834	2.842	3.299	0.512				
2.502	2.506		0.375		S	• 481839	48	<b>42,00mm (1.654") SHAFT</b>							
2.502	2.506		0.375		N	• 481839N	48				<b>0.563</b>		<b>99169</b>	<b>Redi-Sleeve</b>	
2.502	2.506		0.500		S	• 410194	41	53,00	53,12		7,00		V	710550 <sup>CW</sup>	32
2.502	2.506		0.500		S	450194 <sup>RC</sup>	45	2.087	2.091		0.276				
2.502	2.506		0.500		N	• 450194N	45	54,00	54,20	61,00	5,00		N	710940	#
2.562	2.565		0.375		S	474216	47	2.126	2.134	2.402	0.197				
2.562	2.566		0.250		S	204500	4S	55,00	55,12		8,00		H	3051N <sup>CW</sup>	33
2.562	2.566		0.313		V	477708	47	2.165	2.170		0.315				
2.562	2.566		0.375		F	291099	29	55,00	55,20		6,00		V	710620 <sup>CW</sup>	32
2.562	2.566		0.437		S	4763S	#	2.165	2.173		0.236				
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		<b>S</b>	<b>473232<sup>RC</sup></b>	<b>47</b>	55,00	55,20		7,00		S	224200	32
2.623	2.627		0.313		V	487539	48	2.165	2.173		0.276				

SIZE SECTION

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>42,00mm (1.654") SHAFT (cont.)</b>								<b>42,00mm (1.654") SHAFT (cont.)</b>							
55,00	55,20		7,00		T	711024 <sup>CW</sup>	#	67,00	67,13	73,08	7,16		V	4615V <sup>RC,CW</sup>	83
2.165	2.173		0.276					2.638	2.643	2.877	0.282				
55,00	55,20		10,00		V	710719 <sup>CCW</sup>	32	67,00	67,20		9,00		N	710911 <sup>BI</sup>	40
2.165	2.173		0.394					2.638	2.646		0.354				
55,00	55,28		8,00		S	224210	35	67,00	67,20		10,00		N	710286 <sup>BI</sup>	32
2.165	2.176		0.315					2.638	2.646		0.394				
55,00	55,33		8,00		N	224205 <sup>CW</sup>	32	69,00	69,20		12,00		N	710723 <sup>CCW</sup>	40
2.165	2.178		0.315					2.717	2.724		0.472				
56,00	56,10	14,00	5,00		N	710221	47	72,00	72,20	79,90	12,75		N	710706 <sup>BI</sup>	74
2.205	2.209	0.551	0.197					2.835	2.843	3.146	0.502				
56,00	56,16		7,00		N	473560N <sup>RC,CW</sup>	47	72,00	72,27		10,00		S	224270	32
2.205	2.211		0.276					2.835	2.845		0.394				
56,00	56,21		6,00		S	710097 <sup>BI</sup>	74	72,00	72,28		12,00		S	710207	40
2.205	2.213		0.236					2.835	2.846		0.472				
56,00	56,28		7,00		S	494117 <sup>RC</sup>	49	76,00	76,10		14,00		N	710245 <sup>CW</sup>	40
2.205	2.216		0.276					2.992	2.996		0.551				
56,00	56,34		7,00		H	3774 <sup>CW</sup>	35	76,00	76,28		12,00		S	710195	40
2.205	2.218		0.276					2.992	3.003		0.472				
58,00	58,17		7,00		V	474241V <sup>RC,CW</sup>	47	79,00	79,20		10,00		V	710700 <sup>BI</sup>	32
2.283	2.290		0.276					3.110	3.118		0.394				
58,00	58,18		7,00		S	224235	48	90,00	90,09		9,00		N	710133	32
2.283	2.291		0.276					3.543	3.547		0.354				
58,00	58,20		8,00		N	710914 <sup>CCW</sup>	40	90,00	90,28		12,00		N	710246	40
2.283	2.291		0.315					3.543	3.554		0.472				
58,00	58,20	67,31	12,00		S	710517 <sup>CCW</sup>	32	<b>1.656" (1-21/32") SHAFT</b>							
2.283	2.291	2.650	0.472							<b>0.550</b>			<b>99165 Redi-Sleeve</b>		
58,00	58,28		8,00		N	224215 <sup>CCW</sup>	32	2.502	2.506		0.500		S	450260 <sup>RC</sup>	45
2.283	2.294		0.315					2.623	2.627		0.455		N	7457N <sup>RC</sup>	1S
59,00	59,10		7,50		N	710442 <sup>CW</sup>	48	2.686	2.690		0.500		S	450073 <sup>RC</sup>	45
2.323	2.327		0.295					2.937	2.941		0.375		S	472660 <sup>RC</sup>	47
60,00	60,22		7,00		N	1953 <sup>RC,CW</sup>	32	<b>1.670" SHAFT</b>							
2.362	2.371		0.276					2.686	2.690		0.500		S	452086 <sup>RC</sup>	45
60,00	60,42		7,00		V	2025	32	<b>1.673" SHAFT</b>							
2.362	2.379		0.276					2.146	2.157		0.236		V	2012V <sup>CW</sup>	32
62,00	62,20		7,00		S	710301	97	2.162	2.166	2.500	0.285		S	4099 <sup>RC</sup>	287
2.441	2.449		0.276					2.571	2.579		0.495		V	710995 <sup>BI</sup>	#
62,00	62,27		8,00		S	224250	35	<b>1.680" SHAFT</b>							
2.441	2.452		0.315					2.500	2.506	2.850	0.421		S	2465 <sup>RC</sup>	79
63,00	63,20		9,00		N	710298 <sup>CW</sup>	40	<b>1.682" SHAFT</b>							
2.480	2.488		0.354					2.660	2.668	3.110	0.383		V	710549 <sup>CCW</sup>	74
64,00	64,14	71,25	10,00		N	3622 <sup>RC,BI</sup>	74	<b>1.684" SHAFT</b>							
2.520	2.524	2.805	0.394					2.498	2.499		0.433		V	710802 <sup>BI</sup>	32
64,00	64,20	71,20	10,00		N	711109 <sup>BI</sup>	#	2.499	2.504		0.433		S	710431 <sup>BI</sup>	79
2.520	2.528	2.803	0.394					<b>1.685" SHAFT</b>							
64,80	65,00		13,50		S	710179 <sup>CW</sup>	32	2.500	2.506	2.850	0.421		V	4981V <sup>RC,CCW</sup>	79
2.551	2.555		0.531					2.500	2.506	2.850	0.421		N	7300S <sup>RC,CCW</sup>	79
65,00	65,15		10,00		N	224255 <sup>RC</sup>	47	<b>1.687" (1-11/16") SHAFT</b>							
2.559	2.565		0.394							<b>0.563</b>			<b>99168 Redi-Sleeve</b>		
65,00	65,20		9,00		N	711097 <sup>BI</sup>	40	2.279	2.285		0.250		S	353141	35
2.559	2.567		0.354					2.327	2.332		0.500		S	203008	203
65,00	65,20		10,00		N	710938 <sup>BI</sup>	#								
2.559	2.567		0.394												
2.561	2.565		0.374		N	• 474135N	47								
66,00	66,20		10,00		N	710845 <sup>CCW</sup>	32								
2.598	2.606		0.394												
66,00	66,28		10,00		S	224266	32								
2.598	2.609		0.394												

Hsg Bore		Seal		Width		Part No.	Type/ Illus.	Hsg Bore		Seal		Width		Part No.	Type/ Illus.
Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l	Seal O.D.			Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l				
<b>1.687" (1-11/16") SHAFT (cont.)</b>								<b>43,00mm (1.693") SHAFT (cont.)</b>							
2.327	2.332		0.500		S	204008	204	55,00	55,20		8,00		H	710264 <sup>CW</sup>	32
<b>2.328</b>	<b>2.332</b>		<b>0.312</b>		<b>S</b>	<b>473317<sup>RC</sup></b>	<b>47</b>	2.165	2.173		0.236				
2.328	2.332		0.312		N	• 473317N	47	55,00	55,25		8,00		S	1183	34
2.328	2.332		0.437		S	• 481410	48	2.165	2.175		0.315				
2.328	2.332		0.531		S	7022S	276	56,00	56,10		8,50		S	710223	62
<b>2.374</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>473233<sup>RC</sup></b>	<b>47</b>	2.205	2.209		0.335				
<b>2.437</b>	<b>2.441</b>		<b>0.312</b>		<b>S</b>	<b>473445<sup>RC</sup></b>	<b>47</b>	58,00	58,22		7,00		N	710608 <sup>CW</sup>	35
2.437	2.441		0.312		V	• 473445V	47	2.283	2.292		0.276				
2.437	2.441		0.468		S	• 480479	48	58,47	58,62		7,50		N	710159	72
2.437	2.441		0.468		H	480479H	48	2.302	2.308		0.295				
2.437	2.441		0.468		V	• 480479V	48	60,00	60,30		7,00		V	710615 <sup>CW</sup>	32
2.502	2.506		0.250		S	40154S	4S	2.362	2.374		0.276				
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>473234<sup>RC</sup></b>	<b>47</b>	60,00	60,30		8,00		S	320583 <sup>CW</sup>	32
2.502	2.506		0.375		S	• 450363	45	2.362	2.374		0.315				
2.502	2.506		0.375		S	• 480363	48	2.441	2.445		0.374		S	• 474137	47
2.502	2.506		0.500		N	• 410154N	41	62,00	62,20		5,50		E	710929 <sup>CW</sup>	32
2.502	2.506		0.500		S	450154	45	2.441	2.449		0.217				
2.502	2.506		0.582		S	7038SA <sup>RC,CCW</sup>	41	63,00	63,20		8,60		V	710590 <sup>BI</sup>	32
2.560	2.579		0.375		S	2146	#	2.480	2.488		0.339				
2.560	2.579		0.470		S	712146 <sup>BI</sup>	25	70,00	70,20		9,00		S	710142 <sup>BI</sup>	40
<b>2.561</b>	<b>2.565</b>		<b>0.500</b>		<b>S</b>	<b>470460<sup>RC</sup></b>	<b>47</b>	2.756	2.764		0.354				
2.605	2.609		0.235		S	9178S	4S	72,50	72,70		11,00		N	710933 <sup>CCW</sup>	32
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		<b>S</b>	<b>473235<sup>RC</sup></b>	<b>47</b>	2.854	2.862		0.433				
2.623	2.627		0.375		S	440265	44	75,00	75,35		10,00		V	710538 <sup>CCW</sup>	32
2.623	2.627	2.772	0.437		N	8516N	47	2.953	2.967		0.394				
2.623	2.627		0.500		S	• 480265	48	77,00	77,20	82,50	11,00		V	710836 <sup>BI</sup>	85
2.650	2.725		0.290		S	200886 <sup>B</sup>	200E	3.032	3.039	3.248	0.433				
2.684	2.690		0.250		S	7381S	24	83,00	83,20		10,25		V	710872 <sup>CCW</sup>	32
2.686	2.690		0.500		S	• 410074	41	3.268	3.276		0.404				
2.686	2.690		0.500		S	470074 <sup>RC</sup>	47	92,00	92,28		12,50		S	710208	40
<b>2.686</b>	<b>2.691</b>		<b>0.312</b>		<b>S</b>	<b>474265<sup>RC</sup></b>	<b>47</b>	3.622	3.633		0.492				
<b>2.717</b>	<b>2.720</b>		<b>0.468</b>		<b>S</b>	<b>450765<sup>RC</sup></b>	<b>45</b>	<b>1.700" SHAFT</b>							
<b>2.750</b>	<b>2.754</b>		<b>0.312</b>		<b>S</b>	<b>473236<sup>RC</sup></b>	<b>47</b>	2.660	2.666	2.874	0.430		V	710542 <sup>BI</sup>	85
<b>2.835</b>	<b>2.839</b>		<b>0.468</b>		<b>S</b>	<b>470596<sup>RC</sup></b>	<b>47</b>	<b>43,20mm (1.701") SHAFT</b>							
2.835	2.839		0.468		V	470596V <sup>RC</sup>	47	66,20	66,40		10,60		N	711019 <sup>BI</sup>	40
<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>473446<sup>RC</sup></b>	<b>47</b>	2.606	2.614		0.417				
<b>3.000</b>	<b>3.005</b>		<b>0.375</b>		<b>S</b>	<b>471981<sup>RC</sup></b>	<b>47</b>	<b>1.703" SHAFT</b>							
<b>3.062</b>	<b>3.066</b>		<b>0.500</b>		<b>S</b>	<b>470086<sup>RC</sup></b>	<b>47</b>	3.030	3.039		0.500		S	710067 <sup>RC,BI</sup>	69
<b>3.125</b>	<b>3.130</b>		<b>0.500</b>		<b>S</b>	<b>470687<sup>RC</sup></b>	<b>47</b>	3.084	3.090		0.500		S	3747 <sup>RC,BI</sup>	69
3.125	3.130		0.500		N	• 470687N	47	<b>1.705" SHAFT</b>							
3.189	3.194		0.437		S	450533 <sup>RC</sup>	45	2.572	2.576	2.913	0.480		N	710498 <sup>BI</sup>	74
<b>1.688" SHAFT</b>								3.034	3.039	3.271	0.562		V	100357 <sup>BI</sup>	86
			<b>0.313</b>			<b>99167 Redi-Sleeve</b>		3.080	3.084	3.453	0.461		S	710105 <sup>RC,BI</sup>	74
2.547	2.551	3.152	0.595		S	710502	74	<b>1.709" SHAFT</b>							
2.561	2.565		0.374		S	710387	47	2.205	2.213	2.378	0.292		N	2955 <sup>RC,CW</sup>	71
2.562	2.566		0.250		S	797719	#	<b>1.718" (1-23/32") SHAFT</b>							
2.623	2.627		0.313		S	477715	47				<b>0.563</b>			<b>99171 Redi-Sleeve</b>	
2.623	2.627		0.500		V	477725	47	2.437	2.441		0.468		L	50327	5L
<b>43,00mm (1.692") SHAFT</b>								2.561	2.565		0.500		S	442251 <sup>RC</sup>	44
78,00	78,30	85,50	10,00		V	710919 <sup>BI</sup>	85	2.561	2.565		0.500		V	442251V <sup>RC</sup>	44
3.071	3.083	3.346	0.394					2.561	2.565		0.500		S	473336 <sup>RC</sup>	47
<b>43,00mm (1.693") SHAFT</b>								2.623	2.627		0.500		S	450068 <sup>RC</sup>	45
			<b>0.500</b>			<b>99182 Redi-Sleeve</b>									

SIZE SECTION

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.718" (1-23/32") SHAFT (cont.)</b>							
2.875	2.879		0.468		L	50081	5L
<b>1.719" SHAFT</b>							
2.561	2.565		0.315		S	477713	47
<b>1.720" SHAFT</b>							
2.921	2.922		0.468		N	710476 <sup>BI</sup>	72
<b>1.730" SHAFT</b>							
2.336	2.340		0.250		S	6840S	4S
2.336	2.340		0.280		F	7607	75
2.336	2.340		0.470		N	8121S	25
2.834	2.838		0.375		S	• 483602	48
<b>44,00mm (1.732") SHAFT</b>							
59,00	59,23		6,80		N	224450 <sup>CW</sup>	35
2.323	2.332		0.268				
60,00	60,28		7,00		S	224460 <sup>CW</sup>	32
2.362	2.373		0.276				
61,00	61,20		6,00		V	710893 <sup>CW</sup>	32
2.402	2.409		0.236				
62,00	62,20		7,00		V	710951 <sup>CCW</sup>	32
2.441	2.449		0.276				
62,00	62,20		7,50		V	711068 <sup>BI</sup>	32
2.441	2.449		0.295				
62,00	62,26		8,00		S	224462 <sup>BI</sup>	32
2.441	2.451		0.315				
62,00	62,28		10,00		N	224464 <sup>CCW</sup>	32
2.441	2.452		0.394				
65,00	65,10	90,00	9,00		N	710283	62
2.559	2.563	3.543	0.354				
65,00	65,20		11,00		S	224465 <sup>CW</sup>	32
2.559	2.567		0.433				
2.614	2.621	3.125	0.394		V	710428 <sup>BI</sup>	87
2.614	2.621	3.016	0.445		V	710480 <sup>BI</sup>	85
67,00	67,20		8,00		N	711102 <sup>BI</sup>	40
2.638	2.646		0.315				
2.653	2.657		0.375		N	710474	85
68,00	68,30		8,00		N	350609 <sup>CCW</sup>	35
2.677	2.689		0.315				
70,00	70,20	76,20	11,70		V	710682	74
2.756	2.764	3.000	0.461				
72,00	72,20		8,00		V	710487 <sup>CCW</sup>	32
2.835	2.843		0.315				
74,00	74,20		11,00		S	710525 <sup>CW</sup>	40
2.913	2.921		0.433				
80,00	80,12		9,00		S	710115 <sup>BI</sup>	40
3.150	3.154		0.354				
<b>1.734" SHAFT</b>							
2.400	2.405		0.230		S	8705S	277
2.726	2.730		0.500		L	5836	201
<b>1.739" SHAFT</b>							
			<b>0.375</b>			<b>99170 Redi-Sleeve</b>	
2.812	3.270		0.593		N	8460N <sup>RC,7</sup>	74
3.000	3.008		0.500		S	6818	71
<b>1.748" SHAFT</b>							
2.619	2.627	2.865	0.330		N	4950 <sup>RC,CW</sup>	88

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.750" (1-3/4") SHAFT (cont.)</b>							
			<b>0.375</b>			<b>99172 Redi-Sleeve</b>	
			<b>0.531</b>			<b>99180 Redi-Sleeve</b>	
			<b>0.563</b>			<b>99174 Redi-Sleeve</b>	
			<b>0.750</b>			<b>99175 Redi-Sleeve</b>	
2.125	2.129		0.188		S	797728	#
2.250	2.254		0.188		S	447811	44
2.250	2.254		0.313		V	487535	48
2.250	2.254		0.359		S	450400 <sup>RC</sup>	45
2.250	2.254		0.359		V	• 450400V	45
2.250	2.255		0.250		U	710024	#
2.250	2.258		0.187		S	6703S	35
2.250	2.258		0.250		S	340400	34
2.250	2.259		0.281		S	797742	#
2.328	2.332		0.437		S	482126	48
<b>2.374</b>	<b>2.378</b>		<b>0.312</b>		<b>S</b>	<b>473237<sup>RC</sup></b>	<b>47</b>
2.374	2.378		0.312		V	473237V <sup>RC</sup>	47
2.374	2.378		0.375		N	• 471288N	47
2.374	2.378		0.375		S	• 481288	48
2.374	2.378		0.484		S	710062	#
2.374	2.378		0.500		S	• 480929	48
2.374	2.379		0.250		S	204503	204
2.374	2.381		0.437		S	7486S	35
2.411	2.415		0.380		S	471169 <sup>RC</sup>	47
2.411	2.415		0.380		N	471169N <sup>RC</sup>	47
2.436	2.441		0.315		S	• 481420	48
2.437	2.441		0.250		S	43071S	4S
<b>2.437</b>	<b>2.441</b>		<b>0.312</b>		<b>S</b>	<b>471504<sup>RC</sup></b>	<b>47</b>
2.437	2.441		0.312		S	• 481504	48
2.437	2.441		0.315		S	477714	47
2.437	2.441		0.375		S	• 471122	47
2.437	2.441		0.375		S	• 481122	48
2.437	2.441		0.375		U	710013	#
2.437	2.441		0.468		N	• 450351N	45
<b>2.437</b>	<b>2.441</b>		<b>0.468</b>		<b>S</b>	<b>470351<sup>RC</sup></b>	<b>47</b>
2.441	2.445		0.375		S	471831 <sup>RC</sup>	47
2.441	2.445		0.375		N	• 471831N	47
2.441	2.445		0.375		V	• 471831V	47
2.449	2.453		0.312		S	473157 <sup>RC</sup>	47
2.500	2.504		0.484		S	710389	7S
2.500	2.508		0.375		T	354040	35
2.502	2.506		0.250		S	40494S	4S
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>472164<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.312		V	472164V <sup>RC</sup>	47
2.502	2.506		0.312		S	• 482164	48
2.502	2.506		0.312		N	482164N <sup>RC</sup>	48
2.502	2.506		0.375		S	450494 <sup>RC</sup>	45
2.502	2.506		0.375		S	• 470494	47
2.502	2.506		0.375		N	• 470494N	47
2.502	2.506		0.375		S	• 480494	48
2.502	2.506		0.375		N	• 480494N	48
2.502	2.506		0.406		H	451147H <sup>RC</sup>	45
2.502	2.506		0.406		N	• 451147N	45
2.502	2.506		0.500		S	450352 <sup>RC</sup>	45
2.502	2.506		0.500		N	• 450352N	45

SIZE SECTION

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.750" (1-3/4") SHAFT (cont.)</b>								<b>1.750" (1-3/4") SHAFT (cont.)</b>							
2.502	2.506		0.500		S	• 470352	47	2.875	2.879		0.468		V	• 450291V	45
2.502	2.506		0.500		S	• 480352	48	2.875	2.888	0.315	0.472		N	710647 <sup>RC,CW</sup>	#
2.502	2.506		0.500		S	797704	#	<b>2.996</b>	<b>3.001</b>		<b>0.375</b>		<b>S</b>	<b>473448<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.680		L	7834	5S	2.996	3.001		0.500		S	• 480359	48
2.561	2.565		0.250		S	204502	204	3.000	3.005		0.250		S	204501	204
2.561	2.565		0.500		S	• 410361	41	<b>3.000</b>	<b>3.005</b>		<b>0.375</b>		<b>S</b>	<b>471984<sup>RC</sup></b>	<b>47</b>
2.561	2.565		0.500		S	450361	45	3.000	3.005		0.375		N	• 471984N	47
2.561	2.565		0.500		S	470361 <sup>RC</sup>	47	3.000	3.005		0.375		S	• 481984	48
2.561	2.565		0.500		V	470361V <sup>RC</sup>	47	<b>3.061</b>	<b>3.066</b>		<b>0.375</b>		<b>S</b>	<b>473313<sup>RC</sup></b>	<b>47</b>
<b>2.561</b>	<b>2.566</b>		<b>0.312</b>		<b>S</b>	<b>472193<sup>RC</sup></b>	<b>47</b>	3.061	3.066		0.500		S	• 410087	41
2.562	2.566		0.500		S	203015	203	3.062	3.066		0.485		S	710005 <sup>RC</sup>	86
2.562	2.566		0.500		F	205015	205	3.125	3.130		0.500		S	• 451350	45
2.565	2.570		0.312		S	473796 <sup>RC</sup>	47	3.153	3.159		0.312		S	482267 <sup>RC</sup>	48
2.623	2.627		0.290		S	200335	200	3.189	3.194		0.437		S	• 410088	41
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		<b>S</b>	<b>472185<sup>RC</sup></b>	<b>47</b>	<b>3.189</b>	<b>3.194</b>		<b>0.437</b>		<b>S</b>	<b>470088<sup>RC</sup></b>	<b>47</b>
2.623	2.627		0.312		V	472185V <sup>RC</sup>	47	3.371	3.376		0.625		S	210945	21
2.623	2.627		0.500		S	• 410070	41	3.543	3.548		0.500		S	455536 <sup>RC</sup>	45
2.623	2.627		0.500		N	• 410070N	41	3.625	3.630		0.438		S	487533	48
2.623	2.627		0.500		S	450070 <sup>RC</sup>	45	3.937	3.942		0.312		S	476820 <sup>RC</sup>	47
2.623	2.627		0.500		N	• 450070N	45	<b>1.751" SHAFT</b>							
2.623	2.627		0.500		V	• 450070V	45	2.533	2.608		0.290		S	200895 <sup>B</sup>	200E
2.623	2.627		0.500		S	• 480070	48	<b>1.763" SHAFT</b>							
2.623	2.627		0.500		N	• 480070N	48	2.409	2.416		0.375		V	9845 <sup>RC,CW</sup>	47
2.630	2.930		0.290		S	200912 <sup>B</sup>	200E	2.409	2.416		0.375		V	9845V <sup>RC,CW</sup>	47
<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>470334<sup>RC</sup></b>	<b>47</b>	2.411	2.415		0.354		T	710606 <sup>CW</sup>	32
2.686	2.690		0.437		S	• 451879	45	2.412	2.416		0.375		S	6936S	45
2.686	2.690		0.500		S	450076 <sup>RC</sup>	45	2.412	2.416		0.468		S	• 410375	41
2.686	2.690		0.500		N	• 450076N	45	2.416	2.421		0.375		V	710891 <sup>RC,CW</sup>	47
2.686	2.690		0.500		V	• 450076V	45	<b>1.766" SHAFT</b>							
2.686	2.690		0.500		S	• 480076	48	<b>0.563</b>		<b>99176 Redi-Sleeve</b>					
2.686	2.690		0.500		N	• 480076N	48	<b>45,00mm (1.771") SHAFT</b>							
2.715	2.721		0.437		S	323119	32	62,00	62,20		7,00		E	710875 <sup>CCW</sup>	32
2.717	2.721		0.359		S	204038	204	2.441	2.449		0.276				
2.717	2.721		0.406		S	203002 <sup>RC</sup>	203	62,00	62,20		8,00		N	710934 <sup>CW</sup>	32
2.717	2.721		0.406		S	204002	204	2.441	2.449		0.315				
2.718	2.722		0.359		S	200354	200	62,00	62,50		6,00		N	710778 <sup>CW</sup>	32
2.718	2.728		0.294		S	200854 <sup>B</sup>	200E	2.441	2.461		0.236				
<b>2.750</b>	<b>2.754</b>		<b>0.312</b>		<b>S</b>	<b>472179<sup>RC</sup></b>	<b>47</b>	2.500	2.504	3.045	0.359		H	714075 <sup>RC</sup>	74
2.750	2.754		0.312		V	472179V <sup>RC</sup>	47	102,30	102,60	126,00	11,50		N	711078 <sup>BI</sup>	#
2.750	2.754		0.484		L	5827	201	4.028	4.039	4.961	0.453				
2.750	2.754		0.500		S	• 410183	41	<b>45,00mm (1.772") SHAFT</b>							
2.750	2.754		0.500		N	410183N <sup>RC</sup>	41	<b>0.551</b>		<b>99177 Redi-Sleeve</b>					
2.750	2.754		0.500		S	450183 <sup>RC</sup>	45	2.000	2.175		0.200		S	710385	273
2.750	2.754		0.500		N	• 450183N	45	53,00	53,20		6,50		S	710423 <sup>BI</sup>	#
2.750	2.754		0.500		S	• 470183	47	2.087	2.094		0.256				
2.750	2.754		0.500		S	• 480183	48	57,00	57,20		9,00		N	710783 <sup>CCW</sup>	32
2.756	2.764	3.189	0.252		V	710867 <sup>CW</sup>	74	2.244	2.252		0.354				
<b>2.758</b>	<b>2.762</b>		<b>0.375</b>		<b>S</b>	<b>473447<sup>RC</sup></b>	<b>47</b>	58,00	58,29		7,00		V	710484 <sup>CW</sup>	32
2.783	2.787		0.531		L	50289	5L	2.283	2.295		0.276				
2.786	2.876		0.285		S	200600 <sup>B</sup>	200E	58,00	58,30		7,50		S	224510	32
2.810	2.814		0.315		S	712260	47	2.283	2.295		0.295				
<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>471141<sup>RC</sup></b>	<b>47</b>	58,05	58,25	61,50	12,35		V	711112 <sup>BI</sup>	#
2.875	2.879		0.375		V	471141V <sup>RC</sup>	47	2.285	2.293	2.421	0.486				
2.875	2.879		0.468		S	• 410291	41								
2.875	2.879		0.468		S	450291 <sup>RC</sup>	45								

SIZE SECTION

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>45,00mm (1.772") SHAFT (cont.)</b>							
59,00	59,28		7,50		S	710193	32
2.323	2.334		0.295				
60,00	60,20		8,00		V	710887 <sup>CW</sup>	32
2.362	2.370		0.315				
60,00	60,20		13,00		V	711118 <sup>BI</sup>	#
2.362	2.370		0.512				
60,00	60,25		10,00		S	224520	35
2.362	2.372		0.394				
2.402	2.408		0.354		V	• 484236V	48
61,00	61,20		8,00		E	710838 <sup>CCW</sup>	40
2.402	2.409		0.315				
62,00	62,10		6,00		S	494122 <sup>RC</sup>	49
2.441	2.445		0.236				
62,00	62,15		8,00		V	710078	47
2.441	2.447		0.315				
62,00	62,20	70,00	10,00		V	710843 <sup>CCW</sup>	86
2.441	2.449	2.756	0.394				
62,00	62,30		8,00		S	1012N	35
2.441	2.453		0.315				
63,00	63,20		7,50		V	710521	32
2.480	2.488		0.295				
64,00	64,20		9,00		T	710768 <sup>CW</sup>	40
2.520	2.528		0.354				
64,00	64,27		12,00		S	239155 <sup>BI</sup>	47
2.520	2.530		0.472				
65,00	65,10		5,00		S	1992 <sup>RC</sup>	47
2.559	2.563		0.197				
65,00	65,20		7,00		V	710790 <sup>CW</sup>	32
2.559	2.567		0.276				
65,00	65,20		9,00		N	710990 <sup>BI</sup>	40
2.559	2.567		0.354				
65,00	65,20		9,00		N	711077 <sup>CCW</sup>	32
2.559	2.567		0.354				
65,00	65,20		10,00		N	711122 <sup>CCW</sup>	32
2.559	2.567		0.394				
66,00	66,24		7,50		S	710160	32
2.598	2.608		0.295				
67,00	67,20		8,00		V	710289 <sup>CW</sup>	32
2.638	2.646		0.315				
67,00	67,20		8,00		V	710937	#
2.638	2.646		0.315				
68,00	68,20		12,00		N	710345 <sup>CW</sup>	32
2.677	2.685		0.472				
68,00	68,28		7,00		V	320564	32
2.677	2.688		0.276				
69,00	69,20		10,00		N	710917	32
2.717	2.724		0.394				
70,00	70,13		14,00		N	710665 <sup>CW</sup>	40
2.756	2.761		0.551				
72,00	72,20		10,00		N	710748	40
2.835	2.843		0.394				
72,00	72,28		12,00		S	224570	35
2.835	2.846		0.472				
72,20	72,34		7,50		S	1943	44
2.843	2.848		0.295				
74,00	74,20		11,00		N	710735 <sup>CW</sup>	40
2.913	2.921		0.433				

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>45,00mm (1.772") SHAFT (cont.)</b>							
75,00	75,10		12,00		N	1979 <sup>CW</sup>	47
2.953	2.957		0.472				
75,00	75,10	81,00	13,50		N	710847 <sup>CW</sup>	72
2.953	2.957	3.189	0.532				
75,00	75,20		8,00		T	710786	40
2.953	2.961		0.315				
75,00	75,20		9,00		N	710991 <sup>BI</sup>	40
2.953	2.961		0.354				
75,00	75,20		13,50		T	710822 <sup>CW</sup>	40
2.953	2.961		0.531				
78,00	78,10		11,00		N	710248 <sup>CW</sup>	66
3.071	3.075		0.433				
98,30	98,50	116,00	10,00		V	711054 <sup>BI</sup>	72
3.870	3.878	4.567	0.394				
<b>1.775" SHAFT</b>							
1.970	1.970		0.365		S	710095	35
<b>1.781" (1-25/32") SHAFT</b>							
<b>0.675 99179 Redi-Sleeve</b>							
2.251	2.259		0.375		S	321460 <sup>CW</sup>	32
2.502	2.505		0.312		T	39925 <sup>CW</sup>	FW-H
2.502	2.506		0.312		S	452742 <sup>RC</sup>	45
2.623	2.627		0.500		L	50266	5L
2.686	2.690		0.500		S	450269 <sup>RC</sup>	45
2.750	2.754		0.500		S	450285 <sup>RC</sup>	45
2.758	2.762		0.500		S	450280 <sup>RC</sup>	45
3.189	3.194		0.437		S	450089 <sup>RC</sup>	45
<b>1.782" SHAFT</b>							
2.756	2.764	3.118	0.433		V	710963 <sup>BI</sup>	85
<b>1.787" SHAFT</b>							
3.228	3.237	3.452	0.335		N	710817 <sup>CW</sup>	83
3.228	3.238	3.450	0.335		N	4918 <sup>RC,CW</sup>	83
3.229	3.238		0.335		N	4072N <sup>RC,CW</sup>	83
<b>1.796" SHAFT</b>							
2.725	2.730		0.500		L	6781	201
<b>1.803" SHAFT</b>							
2.965	2.969		0.250		F	5070	29
3.067	3.071	3.406	0.551		V	710593	74
<b>1.809" SHAFT</b>							
2.361	2.365	2.865	0.370		S	4249 <sup>RC</sup>	287
<b>46,00mm (1.811") SHAFT</b>							
<b>0.563 99181 Redi-Sleeve</b>							
2.220	2.228		0.276		V	711001 <sup>CW</sup>	32
58,00	58,28		7,00		N	224650 <sup>CW</sup>	32
2.283	2.294		0.276				
60,00	60,28		7,00		H	224660 <sup>CW</sup>	32
2.362	2.373		0.276				
61,00	61,20		7,00		N	711107 <sup>BI</sup>	32
2.402	2.409		0.276				
62,00	62,20	79,93	20,50		S	710394	47
2.441	2.449	3.147	0.807				

SIZE SECTION



Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>46,00mm (1.811") SHAFT (cont.)</b>								<b>1.812" (1-13/16") SHAFT (cont.)</b>							
63,00	63,40		7,70		N	224663 <sup>CW</sup>	35	3.125	3.130		0.375		S	481992 <sup>RC</sup>	48
2.480	2.496		0.303					<b>3.189</b>	<b>3.194</b>		<b>0.437</b>		<b>S</b>	<b>450090<sup>RC</sup></b>	<b>45</b>
66,00	66,20	73,00	10,00		S	710754 <sup>BI</sup>	86	4.123	4.128		0.746		L	6930	21
2.598	2.606	2.874	0.394					<b>1.813" SHAFT</b>							
68,50	68,70		7,00		S	710161	32	2.408	2.413		0.300		S	710409 <sup>B</sup>	91
2.697	2.705		0.276					<b>1.821" SHAFT</b>							
69,40	69,60		10,00		S	710128	40	2.623	2.627		0.250		S	44053	4S
2.732	2.740		0.394					<b>1.825" SHAFT</b>							
70,00	70,20		8,00		N	710868 <sup>CW</sup>	32	2.750	2.754		0.468		S	7600S <sup>RC</sup>	47
2.756	2.764		0.315					<b>1.830" SHAFT</b>							
2.778	2.780	3.118	0.455		V	710971 <sup>BI</sup>	87	2.570	2.574		0.250		L	6960	4L
70,60	70,80	81,30	11,10		V	710964 <sup>CCW</sup>	72	<b>1.831" SHAFT</b>							
2.780	2.787	3.201	0.437					3.543	3.551		0.433		N	710397	#
72,00	72,14		8,50		N	710472 <sup>CCW</sup>	32	<b>1.835" SHAFT</b>							
2.835	2.840		0.335					2.874	2.878	2.992	0.283		V	710830 <sup>CCW</sup>	74
72,80	73,00	79,00	10,50		T	711010	87	<b>1.843" (1-27/32") SHAFT</b>							
2.866	2.874	3.110	0.413					2.400	2.404		0.235		F	291295	29
73,00	73,18	82,00	12,00		V	100537 <sup>RC</sup>	74	2.502	2.506		0.375		S	471841 <sup>RC</sup>	47
2.874	2.881	3.228	0.472					<b>2.623</b>	<b>2.627</b>		<b>0.375</b>		<b>S</b>	<b>473451<sup>RC</sup></b>	<b>47</b>
73,00	73,20	82,00	10,50		V	710950 <sup>BI</sup>	#	2.623	2.627		0.500		S	• 450268	45
2.874	2.882	3.228	0.413					2.623	2.627		0.500		N	• 450268N	45
73,00	73,25		14,53		V	710495	85	2.623	2.627		0.500		S	• 480268	48
2.874	2.884		0.572					<b>2.750</b>	<b>2.754</b>		<b>0.375</b>		<b>S</b>	<b>473452<sup>RC</sup></b>	<b>47</b>
78,00	78,20	86,50	12,00		V	710895 <sup>BI</sup>	86	2.750	2.754		0.500		N	470331N	47
3.071	3.079	3.406	0.472					<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>473453<sup>RC</sup></b>	<b>47</b>
91,00	91,20		11,00		N	710931 <sup>CCW</sup>	40	<b>1.844" SHAFT</b>							
3.583	3.591		0.433					2.748	2.753	3.089	0.425		V	714675 <sup>RC,BI</sup>	74
<b>1.812" (1-13/16") SHAFT</b>								2.865	2.872	3.228	0.425		V	100552 <sup>BI</sup>	74
2.250	2.258		0.312		S	• 6402S	35	3.063	3.068	3.330	0.535		V	710741 <sup>CCW</sup>	74
2.327	2.332		0.437		S	444116 <sup>RC</sup>	44	<b>47,00mm (1.850") SHAFT</b>							
2.437	2.441		0.468		S	451817 <sup>RC</sup>	45	56,00	56,20		7,00		N	710184	47
2.561	2.565		0.437		S	• 452872	45	2.205	2.213		0.276				
2.561	2.566		0.500		S	203006	203	57,70	57,80	80,00	12,70		S	710150	51
2.562	2.566		0.312		V	5133	48	2.272	2.276	3.150	0.500				
2.562	2.567		0.315		T	39930 <sup>CW</sup>	FW-H	61,00	61,20		7,00		N	710886 <sup>CW</sup>	32
2.563	2.567		0.375		T	39835 <sup>RC,CW</sup>	W	2.402	2.409		0.276				
<b>2.623</b>	<b>2.627</b>		<b>0.375</b>		<b>S</b>	<b>472070<sup>RC</sup></b>	<b>47</b>	2.440	2.445		0.405		S	710501	48
2.623	2.627	2.940	0.455		S	8181NA <sup>CW</sup>	74	63,00	63,20		5,00		E	710699 <sup>CW</sup>	32
2.623	2.627		0.500		S	• 470267	47	2.480	2.488		0.197				
2.623	2.627		0.500		V	• 470267V	47	64,00	64,08		7,00		S	710191	25
2.623	2.627		0.500		S	• 480267	48	2.520	2.523		0.276				
2.623	2.627	2.940	0.615		S	3618 <sup>RC,CW</sup>	86	64,00	64,20		8,50		V	710907 <sup>CW</sup>	47
<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>471866<sup>RC</sup></b>	<b>47</b>	2.520	2.528		0.335				
2.686	2.690		0.375		N	• 471866N	47	66,00	66,10		11,00		S	710215	66
2.718	2.722		0.270		S	7186S	200	2.598	2.602		0.433				
<b>2.750</b>	<b>2.754</b>		<b>0.375</b>		<b>S</b>	<b>473449<sup>RC</sup></b>	<b>47</b>	69,00	69,24		10,00		S	710596 <sup>BI</sup>	40
2.750	2.754		0.500		S	450118	45	2.717	2.726		0.394				
2.750	2.754		0.500		S	• 480118	48	72,00	72,20		10,00		N	710784 <sup>BI</sup>	40
2.758	2.762		0.500		S	480281 <sup>RC</sup>	48	2.835	2.843		0.392				
2.777	2.783	3.150	0.455		V	3604 <sup>RC,CW</sup>	86								
<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>473450<sup>RC</sup></b>	<b>47</b>								
2.875	2.879		0.375		V	473450V <sup>RC</sup>	47								
2.996	3.001		0.500		S	• 450193	45								
3.000	3.005	3.310	0.455		S	7044NA <sup>CW</sup>	86								
3.091	3.096	3.400	0.485		V	4278 <sup>RC</sup>	86								

SIZE SECTION

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>47,00mm (1.850") SHAFT (cont.)</b>							
2.843	2.850		0.236		S	710337	40
3.154	3.161		0.394		V	710595 <sup>Bl</sup>	40
84,00	84,20	91,00	11,00		S	710143	86
3.307	3.315	3.583	0.433				
78,00	78,20	82,00	12,00		N	711055 <sup>CW</sup>	74
3.701	3.079	3.228	0.472				
107,30	107,50	126,00	11,20		E	711050 <sup>Bl</sup>	#
4.224	4.232	4.961	0.441				
<b>1.860" SHAFT</b>							
			<b>0.563</b>			<b>99185</b>	<b>Redi-Sleeve</b>
<b>1.869" SHAFT</b>							
			<b>0.889</b>			<b>99186</b>	<b>Redi-Sleeve</b>
2.518	2.522		0.375		S	332062 <sup>CW</sup>	33
<b>1.870" SHAFT</b>							
65,50	65,70		6,00		N	711110 <sup>CW</sup>	32
2.579	2.587		0.236				
2.780	2.794	3.197	0.315		V	710654 <sup>Bl</sup>	72
<b>1.872" SHAFT</b>							
2.684	2.701		0.544		S	8521S <sup>B</sup>	200E
<b>1.873" SHAFT</b>							
2.717	2.806		0.281		S	200752 <sup>B</sup>	200E
<b>1.874" SHAFT</b>							
2.496	2.504		0.339		V	710837 <sup>CW</sup>	40
2.676	2.682	2.904	0.410		N	4577 <sup>RC,CW</sup>	74
2.781	2.789		0.354		S	1959	32
3.159	3.163	3.504	0.500		V	100712V	74
3.159	3.163	3.498	0.500		V	100715V	85
80,30	80,50	87,00	14,00		V	100716V <sup>CCW</sup>	87
3.161	3.169	3.425	0.551				
<b>1.875" (1-7/8") SHAFT</b>							
			<b>0.175</b>			<b>99190</b>	<b>Redi-Sleeve</b>
			<b>0.295</b>			<b>99188</b>	<b>Redi-Sleeve</b>
			<b>0.375</b>			<b>99184</b>	<b>Redi-Sleeve</b>
			<b>0.563</b>			<b>99187</b>	<b>Redi-Sleeve</b>
			<b>0.563</b>			<b>99832</b>	<b>Redi-Sleeve</b>
2.315	2.321		0.203		S	8362	33
2.397	2.403		0.250		S	353120	35
2.400	2.405		0.240		S	7934S	204
2.441	2.445		0.325		S	• 483801	48
2.441	2.446		0.315		V	477702	47
2.470	2.475		0.437		S	472747 <sup>RC</sup>	47
2.500	2.504		0.437		N	• 451162N	45
2.500	2.520	3.201	0.303		V	711099 <sup>Bl</sup>	72
<b>2.502</b>	<b>2.506</b>		<b>0.312</b>		<b>S</b>	<b>473454<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.328		S	350823	35
2.502	2.506		0.375		S	472041 <sup>RC</sup>	47
2.502	2.506		0.375		N	• 472041N	47
2.502	2.506		0.375		S	• 482041	48
2.502	2.506		0.375		N	482041N <sup>RC</sup>	48

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>1.875" (1-7/8") SHAFT (cont.)</b>							
2.502	2.506		0.500		S	• 480823	48
2.502	2.511		0.250		S	340823	34
2.560	2.565		0.406		N	2942 <sup>RC,CW</sup>	47
2.561	2.565		0.500		S	441853	44
2.561	2.565	3.160	0.528		N	2692 <sup>RC,CW</sup>	76
2.561	2.565	80.010	0.528		V	712692 <sup>CW</sup>	76
<b>2.561</b>	<b>2.571</b>		<b>0.312</b>		<b>S</b>	<b>350936</b>	<b>35</b>
2.622	2.633	2.957	0.415		S	710557 <sup>CW</sup>	74
2.623	2.627		0.250		S	40071S	4S
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		<b>S</b>	<b>472439<sup>RC</sup></b>	<b>47</b>
2.623	2.627		0.312		V	472439V <sup>RC</sup>	47
2.623	2.627		0.312		S	• 482439	48
2.623	2.627		0.500		S	410071 <sup>RC</sup>	41
2.623	2.627		0.500		N	• 410071N	41
2.623	2.627		0.500		N	• 450071N	45
2.623	2.627		0.500		V	• 450071V	45
2.623	2.627		0.500		S	• 470071	47
2.623	2.627		0.500		S	• 480071	48
2.623	2.627		0.500		V	• 480071V	48
2.624	2.628	2.868	0.375		H	331227H <sup>CW</sup>	33
2.628	2.633		0.347		F	6985	29
2.677	2.681	3.110	0.375		N	710211 <sup>CW</sup>	74
<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>471868<sup>RC</sup></b>	<b>47</b>
2.686	2.690		0.500		S	• 450272	45
2.717	2.725		0.394		S	710388 <sup>CW</sup>	32
2.750	2.754		0.250		S	42421S	4S
2.750	2.754		0.250		S	797718	#
2.750	2.754		0.312		S	• 412572	41
<b>2.750</b>	<b>2.754</b>		<b>0.312</b>		<b>S</b>	<b>472572<sup>RC</sup></b>	<b>47</b>
2.750	2.754	3.000	0.485		S	3946 <sup>RC,Bl</sup>	86
2.750	2.754		0.500		S	450117	45
<b>2.758</b>	<b>2.762</b>		<b>0.375</b>		<b>S</b>	<b>473179<sup>RC</sup></b>	<b>47</b>
2.758	2.762	3.045	0.425		N	6712NA <sup>RC,CW</sup>	75
2.758	2.762		0.500		S	6460S	41
2.758	2.762		0.500		S	• 410283	41
2.758	2.762		0.500		S	• 450283	45
2.758	2.762		0.500		S	• 470283	47
2.758	2.762		0.500		N	• 470283N	47
2.758	2.762		0.500		S	• 480283	48
2.782	2.786		0.500		S	414045 <sup>RC</sup>	41
2.797	2.805	3.165	0.530		V	719316	72
2.812	2.816	3.378	0.770		N	8515N	74
2.813	2.817	3.475	0.500		S	5126	74
<b>2.835</b>	<b>2.839</b>		<b>0.375</b>		<b>S</b>	<b>473455<sup>RC</sup></b>	<b>47</b>
<b>2.875</b>	<b>2.879</b>		<b>0.312</b>		<b>S</b>	<b>473238<sup>RC</sup></b>	<b>47</b>
2.875	2.879		0.312		V	473238V <sup>RC</sup>	47
2.875	2.879		0.312		S	• 483238	48
2.875	2.879		0.312		V	483238V <sup>RC</sup>	48
2.875	2.879		0.437		S	• 451936	45
2.875	2.879		0.437		V	• 451936V	45
2.875	2.879		0.468		S	• 410082	41
2.875	2.879		0.468		S	450082 <sup>RC</sup>	45
2.875	2.879		0.468		N	• 450082N	45
2.875	2.879		0.468		S	• 480082	48
2.875	2.879		0.500		S	• 450779	45

SIZE SECTION

Size Section

RADIAL SHAFT SEALS

Seal Width							Seal Width								
Hsg Bore	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.875" (1-7/8") SHAFT (cont.)</b>							<b>48,00mm (1.890") SHAFT (cont.)</b>								
2.875	2.886		0.625		U	710019	#	60,00	60,20		6,50		V	710356 <sup>CW</sup>	32
2.877	2.865		0.470		S	9912 <sup>10</sup>	25	2.362	2.370		0.276				
2.877	2.865		0.490		S	2689S	25	60,00	60,20		9,00		N	710915 <sup>CW</sup>	32
2.965	2.969		0.250		F	6064	29	2.362	2.370		0.354				
2.995	3.000		0.437		S	203034	203	62,00	62,10		7,00		S	1949	48
2.996	3.001		0.500		S	• 410084	41	<b>2.441 2.445</b>			<b>0.276</b>				
<b>2.996</b>	<b>3.001</b>		<b>0.500</b>		S	<b>450084<sup>RC</sup></b>	<b>45</b>	62,00	62,10		8,00		S	224820	32
3.000	3.005		0.250		S	797723	#	2.441	2.445		0.315				
<b>3.000</b>	<b>3.005</b>		<b>0.312</b>		S	<b>473239<sup>RC</sup></b>	<b>47</b>	62,00	62,10		9,00		S	1956	#
3.000	3.005		0.375		S	• 471139	47	2.441	2.445		0.354				
3.000	3.005		0.500		S	450298 <sup>RC</sup>	45	62,00	62,10		9,00		S	710320	48
3.000	3.005		0.625		H	8165 <sup>RC</sup>	#	2.441	2.445		0.354				
<b>3.061</b>	<b>3.066</b>		<b>0.375</b>		S	<b>473457<sup>RC</sup></b>	<b>47</b>	62,00	62,20		16,50		V	711113 <sup>BI</sup>	#
3.105	3.110	3.266	0.500		L	7216	47	2.441	2.449		0.650				
<b>3.125</b>	<b>3.130</b>		<b>0.312</b>		S	<b>473240<sup>RC</sup></b>	<b>47</b>	62,00	62,25		6,00		S	1188	34
3.125	3.130		0.312		S	• 483240	48	2.441	2.451		0.236				
3.125	3.130		0.375		S	• 472005	47	62,00	62,28		7,80		N	224810	32
3.125	3.130		0.375		S	• 482005	48	2.441	2.452		0.307				
3.150	3.146		0.930		S	3186 <sup>10</sup>	59	64,00	64,20		12,00		N	710758 <sup>BI</sup>	49
3.150	3.146		0.930		S	3195 <sup>10</sup>	59	2.520	2.528		0.472				
3.150	3.155		0.250		S	715100	46	64,00	64,20	67,00	13,00		S	710167 <sup>BI</sup>	75
3.160	3.165		0.530		V	710452 <sup>RC</sup>	72	2.520	2.528	2.638	0.512				
3.160	3.165		0.562		N	6808N <sup>RC</sup>	45	65,00	65,15		24,50		N	4528N <sup>RC,CCW</sup>	66
3.160	3.165		0.695		N	9316 <sup>RC</sup>	72	2.559	2.565		0.965				
3.160	3.168	3.425	0.563		V	710877 <sup>CW</sup>	87	65,00	65,20		7,50		N	710795 <sup>CCW</sup>	32
<b>3.189</b>	<b>3.194</b>		<b>0.375</b>		S	<b>473458<sup>RC</sup></b>	<b>47</b>	2.559	2.567		0.295				
<b>3.251</b>	<b>3.256</b>		<b>0.500</b>		S	<b>451078<sup>RC</sup></b>	<b>45</b>	65,00	65,20		8,00		N	711121 <sup>BI</sup>	32
<b>3.371</b>	<b>3.376</b>		<b>0.468</b>		S	<b>410524<sup>RC</sup></b>	<b>41</b>	2.559	2.567		0.315				
3.371	3.376		0.468		S	• 450524	45	65,00	65,30		8,00		S	1973	25
3.375	4.812		0.312		S	7105S	51	2.559	2.571		0.315				
3.500	3.505		0.500		S	• 477609	47	65,00	65,30		10,00		V	716484 <sup>CW</sup>	32
4.331	4.336		0.500		S	477105 <sup>RC</sup>	47	2.559	2.571		0.394				
<b>1.880" SHAFT</b>							<b>48,00mm (1.890") SHAFT</b>								
2.562	2.566		0.250		S	9049N	25	2.624	2.628		0.315		V	710580 <sup>CW</sup>	32
3.169	3.176	3.500	0.480		V	100086 <sup>RC,CCW</sup>	72	67,00	67,20		7,50		N	710796 <sup>CW</sup>	32
<b>1.885" SHAFT</b>							<b>48,00mm (1.890") SHAFT</b>								
2.697	2.705		0.461		V	710695 <sup>BI</sup>	79	2.638	2.646		0.295				
2.700	2.708	3.032	0.019		V	710873 <sup>CCW</sup>	74	68,00	68,20		8,00		E	710961 <sup>CCW</sup>	32
<b>1.886" SHAFT</b>							<b>48,00mm (1.890") SHAFT</b>								
2.697	2.701	3.213	0.469		V	710496 <sup>BI</sup>	72	2.677	2.685		0.315		V	711083 <sup>CW</sup>	32
2.697	2.705		0.350		V	710636 <sup>CCW</sup>	79	68,00	68,20		8,00				
2.697	2.705	3.075	0.453		V	710660	79	2.677	2.685		0.315				
2.699	2.704	3.050	0.350		N	4333N <sup>RC,CCW</sup>	79	68,00	68,20		8,00		V	711083 <sup>CW</sup>	32
2.750	2.754		0.512		T	710726 <sup>CCW</sup>	40	2.677	2.685		0.315				
2.750	2.756		0.335		N	710658 <sup>BI</sup>	32	68,00	68,30		7,00		V	710644 <sup>CW</sup>	32
2.750	2.756		0.472		N	710664	#	2.677	2.689		0.276				
2.750	2.756		0.512		N	710661 <sup>BI</sup>	40	68,00	68,30		11,00		S	224840 <sup>CW</sup>	32
2.750	2.765	3.270	0.469		N	4503N <sup>BI</sup>	#	2.677	2.689		0.433				
2.756	2.765	3.150	0.472		N	714503	87	70,00	70,20		7,00		E	710696 <sup>CW</sup>	32
<b>1.887" SHAFT</b>							<b>48,00mm (1.890") SHAFT</b>								
2.700	2.704		0.582		S	9449 <sup>RC,CCW</sup>	74	2.756	2.764		0.276				
<b>48,00mm (1.890") SHAFT</b>							<b>48,00mm (1.890") SHAFT</b>								
<b>0.551</b>							<b>99189 Redi-Sleeve</b>								

SIZE SECTION

<sup>10</sup>Expanded O.D.; <sup>11</sup>ABS Sensor in Seal; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>48,00mm (1.890") SHAFT (cont.)</b>							
73,00	73,10		7,00		S	224870 <sup>RC</sup>	47
2.874	2.878		0.276				
2.875	2.883		0.417		N	710567	41
2.894	2.902		0.374		V	710869 <sup>BI</sup>	#
74,00	74,23		10,00		S	224874	32
2.913	2.922		0.394				
74,00	74,30		10,00		N	224815	40
2.913	2.925		0.394				
78,00	78,20		14,00		N	710981	40
3.071	3.079		0.551				
80,35	3,48	88,50	13,25		V	711069 <sup>CW</sup>	74
3.163	3.171	88.500	0.522				
82,00	82,20		12,00		V	711056 <sup>CW</sup>	40
3.228	3.236		0.472				
85,00	85,30	92,00	13,50		V	710920 <sup>CCW</sup>	74
3.346	3.358	3.622	0.531				
90,00	90,30		8,00		N	711074 <sup>CW</sup>	#
3.543	3.555		0.315				
4.272	4.280		0.472		S	710296	32
<b>1.893" SHAFT</b>							
2.434	2.438		0.250		S	8704S	33
2.811	2.816	3.032	0.458		V	710481 <sup>BI</sup>	85
<b>1.894" SHAFT</b>							
2.833	2.835	3.007	0.438		S	100944 <sup>12</sup>	#
<b>1.912" SHAFT</b>							
			<b>0.375</b>			<b>99192 Redi-Sleeve</b>	
<b>1.927" SHAFT</b>							
2.910	2.920		1.210		N	710565	49
<b>1.928" SHAFT</b>							
2.795	2.801		0.456		E	710646	#
2.795	2.801		0.456		V	710831 <sup>BI</sup>	32
<b>49,00mm (1.929") SHAFT</b>							
59,00	59,20		10,50		T	710551 <sup>CW</sup>	#
2.323	2.331		0.413				
62,00	62,15		8,00		S	4904	66
2.441	2.447		0.315				
64,00	64,20		11,00		N	710779 <sup>CCW</sup>	40
2.520	2.528		0.433				
64,00	64,28	70,00	6,00		S	1936	#
2.520	2.531	2.756	0.236				
64,00	64,26		8,00		N	710631 <sup>CW</sup>	32
2.520	2.531		0.315				
65,00	65,15	81,75	36,50		S	710459	91
2.560	2.565	3.218	1.437				
2.563	2.567		0.315		T	39877 <sup>RC,BI</sup>	W-H
66,00	66,20		7,50		N	710908 <sup>CCW</sup>	32
2.598	2.606		0.295				
70,00	70,10	77,00	12,50		S	710305	40
2.756	2.760	3.032	0.492				
70,00	70,20		8,60		S	710255	32
2.756	2.764		0.339				
2.843	2.854		0.315		S	710148	97

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>49,00mm (1.929") SHAFT (cont.)</b>							
79,00	79,10		17,50		N	224979 <sup>CW</sup>	47
3.110	3.114		0.689				
80,00	80,20	86,00	11,00		E	710996 <sup>CCW</sup>	74
3.150	3.157	3.386	0.433				
100,00	100,20		8,00		S	710081	32
3.937	3.945		0.315				
<b>1.937" (1-15/16") SHAFT</b>							
			<b>0.563</b>			<b>99193 Redi-Sleeve</b>	
2.412	2.416		0.468		S	470409 <sup>RC</sup>	47
2.437	2.441		0.250		S	474269 <sup>RC</sup>	47
2.502	2.506		0.375		S	• 451195	45
2.502	2.506		0.375		V	• 451195V	45
<b>2.502</b>	<b>2.506</b>		<b>0.375</b>		S	<b>471195<sup>RC</sup></b>	<b>47</b>
2.502	2.506		0.375		S	481195 <sup>RC</sup>	48
2.502	2.506		0.375		N	• 481195N	48
2.561	2.565		0.500		S	• 411854	41
<b>2.561</b>	<b>2.565</b>		<b>0.500</b>		S	<b>471854<sup>RC</sup></b>	<b>47</b>
2.562	2.566		0.317		S	710058 <sup>RC</sup>	48
2.562	2.567		0.317		S	• 480550	48
2.578	2.830		0.292		S	9150S	25
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		S	<b>472319<sup>RC</sup></b>	<b>47</b>
2.623	2.627		0.312		V	• 472319V	47
2.623	2.627		0.500		S	• 470455	47
2.623	2.627		0.500		S	• 480455	48
2.625	2.629		0.375		S	• 481166	48
2.650	2.655		0.360		R	710163	#
2.683	2.700		0.394		V	710627	32
2.683	2.700	2.921	0.500		V	710693	#
2.683	2.700		0.512		N	710645	#
68,20	68,40		10,00		V	710941 <sup>BI</sup>	32
2.685	2.693		0.394				
2.686	2.690		0.304		N	3173 <sup>RC</sup>	48
<b>2.686</b>	<b>2.690</b>		<b>0.312</b>		S	<b>473459<sup>RC</sup></b>	<b>47</b>
2.686	2.690		0.312		H	483459H <sup>RC</sup>	48
2.686	2.690		0.375		S	471869 <sup>RC</sup>	47
2.686	2.690		0.375		N	• 471869N	47
2.686	2.690		0.500		H	6988H	33
2.686	2.690		0.500		S	• 410138	41
2.686	2.690		0.500		V	470138V <sup>RC,CW</sup>	47
2.686	2.690		0.500		S	• 480138	48
<b>2.750</b>	<b>2.754</b>		<b>0.312</b>		S	<b>473241<sup>RC</sup></b>	<b>47</b>
2.750	2.754		0.313		V	710162 <sup>RC</sup>	48
2.758	2.762		0.500		S	450279 <sup>RC</sup>	45
2.824	2.828		0.500		N	• 451117N	45
<b>2.875</b>	<b>2.879</b>		<b>0.312</b>		S	<b>472144<sup>RC</sup></b>	<b>47</b>
2.875	2.879		0.437		S	• 471940	47
2.875	2.879		0.468		S	• 410295	41
2.875	2.879		0.468		N	• 410295N	41
2.875	2.879		0.468		S	• 480295	48
<b>2.996</b>	<b>3.001</b>		<b>0.375</b>		S	<b>473460<sup>RC</sup></b>	<b>47</b>
2.996	3.001		0.437		S	• 452006	45
2.996	3.001		0.500		S	• 480145	48
<b>3.000</b>	<b>3.005</b>		<b>0.312</b>		S	<b>472394<sup>RC</sup></b>	<b>47</b>
3.000	3.005		0.500		S	• 410300	41

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width			Part No.	Type/ Illus.	Hsg Bore	Seal		Width			Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l				Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip	Lip Mat'l		
<b>1.937" (1-15/16") SHAFT (cont.)</b>								<b>1.968" (1-31/32") SHAFT (cont.)</b>							
3.000	3.005		0.500		S	• 470300	47	2.742	2.746		0.500		N	450911N <sup>RC</sup>	45
3.000	3.005		0.500		S	• 480300	48	2.875	2.879		0.468		S	450474 <sup>RC</sup>	45
<b>3.061</b>	<b>3.066</b>		<b>0.375</b>		<b>S</b>	<b>473461<sup>RC</sup></b>	<b>47</b>	2.960	2.964		0.250		S	40370S	4S
3.061	3.066		0.500		S	• 480306	48	2.996	3.001		0.500		L	50528	5L
<b>3.125</b>	<b>3.130</b>		<b>0.375</b>		<b>S</b>	<b>471391<sup>RC</sup></b>	<b>47</b>	3.350	3.355		0.468		S	450111 <sup>RC</sup>	45
3.125	3.130		0.500		S	• 410309	41	3.371	3.376		0.468		S	• 450497	45
3.125	3.130		0.500		S	• 470309	47	4.003	4.008		0.437		V	• 477673V	47
3.125	3.130		0.500		S	• 480309	48	<b>50,00mm (1.969") SHAFT</b>							
<b>3.189</b>	<b>3.194</b>		<b>0.375</b>		<b>S</b>	<b>473462<sup>RC</sup></b>	<b>47</b>				<b>0.551</b>		<b>99196 Redi-Sleeve</b>		
3.189	3.194		0.437		S	• 410094	41								
3.189	3.194		0.437		S	450094 <sup>RC</sup>	45	60,00	60,20		7,00		V	710899 <sup>CW</sup>	32
3.189	3.194		0.437		N	450094N <sup>RC</sup>	45	2.362	2.370		0.276				
3.189	3.194		0.437		S	• 480094	48	60,00	60,25		6,00		S	710192	32
3.350	3.355		0.468		S	• 410965	41	2.362	2.372		0.236				
3.350	3.355		0.468		S	450965 <sup>RC</sup>	45	62,00	62,20		7,00		V	711038 <sup>CW</sup>	32
3.500	3.505		0.250		S	45653S	4S	2.441	2.449		0.276				
<b>3.543</b>	<b>3.548</b>		<b>0.375</b>		<b>S</b>	<b>417474<sup>RC</sup></b>	<b>41</b>	62,00	62,28		7,00		S	225005 <sup>BI</sup>	32
3.543	3.548		0.500		S	• 415130	41	2.441	2.452		0.276				
3.543	3.548		0.500		S	• 455130	45	64,00	64,20		6,50		S	710098	71
3.623	3.628		0.468		S	476509 <sup>RC</sup>	47	2.520	2.528		0.256				
3.751	3.756		0.500		S	456057 <sup>RC</sup>	45	64,00	64,20		8,00		V	710703 <sup>CW</sup>	32
<b>1.938" SHAFT</b>								2.520	2.528		0.315				
2.471	2.475		0.313		V	258301	25	65,00	65,28		8,00		S	225010 <sup>RC</sup>	47
2.623	2.627		0.313		V	477717	47	2.559	2.565		0.315				
2.680	2.685		0.500		N	710928	32	65,00	65,20		8,00		N	710354 <sup>CW</sup>	32
2.875	2.879		0.313		V	458308	45	2.559	2.567		0.315				
2.875	2.888		0.375		F	5M81	#	65,00	65,20		8,00		E	710944 <sup>CW</sup>	40
3.000	3.004		0.375		F	5M293	#	2.559	2.567		0.315				
<b>1.940" SHAFT</b>								65,00	65,25		10,00		N	710651 <sup>BI</sup>	32
2.500	2.505	2.700	0.250		S	6815 <sup>RC</sup>	286	2.559	2.569		0.394				
2.622	2.626		0.255		S	5121	281	65,00	65,33		8,50		S	1209	35
2.762	2.766		0.500		S	2043 <sup>RC</sup>	47	2.559	2.572		0.335				
2.813	2.817	3.070	0.428		S	8622 <sup>RC</sup>	88	2.571	2.583		0.315		S	710529	32
2.900	2.905	3.100	0.400		S	710281 <sup>RC</sup>	74	2.618	2.623		0.375		S	474134 <sup>RC</sup>	47
2.909	2.914		0.520		S	3896 <sup>RC,CW</sup>	76	2.618	2.623		0.610		S	229522	40
<b>1.943" SHAFT</b>								67,00	67,20		9,00		S	710357	47
2.913	2.921	3.091	0.453		V	710536 <sup>BI</sup>	86	2.638	2.646		0.354				
<b>1.945" SHAFT</b>								67,00	67,26		8,00		S	710226 <sup>BI</sup>	32
2.891	2.895		0.290		S	200371	200	2.638	2.648		0.315				
<b>1.949" SHAFT</b>								67,00	67,27		11,00		S	1974	97
2.780	2.785	2.972	0.382		V	710749 <sup>CW</sup>	74	2.638	2.648		0.433				
<b>1.953" SHAFT</b>								68,00	68,20		9,00		T	710732 <sup>CCW</sup>	40
3.543	3.551		0.315		V	710743 <sup>CW</sup>	32	2.677	2.685		0.354				
<b>1.965" SHAFT</b>								68,00	68,27		7,00		S	710194	32
3.071	3.079		0.394		N	710905 <sup>CCW</sup>	32	2.677	2.688		0.276				
<b>1.968" (1-31/32") SHAFT</b>								68,00	68,28		8,00		S	1948	35
2.623	2.627		0.312		S	473814 <sup>RC</sup>	47	2.677	2.688		0.315				
2.686	2.690		0.370		H	7751H	33	68,00	68,28		9,00		V	225020 <sup>CW</sup>	32
2.686	2.690		0.500		S	450472 <sup>RC</sup>	45	2.677	2.688		0.354				
								2.756	2.760		0.354		S	• 470824	47
								70,00	70,20		8,00		V	710746 <sup>CW</sup>	40
								2.756	2.764		0.315				
								70,00	70,20		8,80		N	711115 <sup>CW</sup>	40
								2.756	2.764		0.346				
								70,00	70,20		10,00		N	710173 <sup>CW</sup>	40
								2.756	2.764		0.394				

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>50,00mm (1.969") SHAFT (cont.)</b>							
70,00	70,20		11,00		V	710674 <sup>CW</sup>	32
2.756	2.764		0.433				
70,00	70,20		11,50		V	710835 <sup>CCW</sup>	47
2.756	2.764		0.453				
70,00	70,23		9,00		S	1960 <sup>RC</sup>	47
2.756	2.765		0.354				
70,00	70,23		9,00		N	710649 <sup>BI</sup>	48
2.765	2.756		0.354				
71,00	71,20		10,00		E	710956 <sup>CW</sup>	40
2.795	2.803		0.394				
72,00	72,20	83,00	10,00		S	710398	40
2.835	2.843	3.268	0.394				
72,00	72,28		8,00		S	225030	35
2.835	2.846		0.315				
72,00	72,30		9,00		E	710993 <sup>BI</sup>	40
2.835	2.846		0.354				
72,00	72,35		12,00		S	225040 <sup>CW</sup>	32
2.835	2.848		0.472				
2.854	2.862		0.417		N	710916 <sup>CCW</sup>	40
74,00	74,20		9,00		S	710137	40
2.913	2.921		0.354				
75,00	75,10		9,00		S	710437	47
2.953	2.957		0.354				
75,00	75,20		8,00		S	710888	40
2.953	2.961		0.315				
3.051	3.071		0.354		S	1941	47
80,00	80,20		8,00		N	710988 <sup>CCW</sup>	40
3.150	3.157		0.315				
80,00	80,25		8,00			710992 <sup>13,CW</sup>	40
3.150	3.159		0.315				
80,00	80,28		8,00		S	225050	35
3.150	3.161		0.315				
80,00	80,30		16,50		N	710112 <sup>BI</sup>	40
3.150	3.161		0.650				
82,00	82,18		8,00		S	225082	#
3.228	3.235		0.315				
82,00	82,25		9,00		N	710994 <sup>BI</sup>	40
3.228	3.238		0.354				
86,00	86,20		12,50		N	711088 <sup>CW</sup>	40
3.386	3.394		0.492				
86,00	86,30		13,00		N	710117	40
3.386	3.398		0.512				
93,00	93,28	99,00	24,00		S	710071	74
3.661	3.672	3.898	0.945				
110,00	110,13		9,50		S	476512 <sup>RC</sup>	47
4.331	4.336		0.374				
<b>1.976" SHAFT</b>							
			<b>0.563</b>			<b>99198 Redi-Sleeve</b>	
<b>1.978" SHAFT</b>							
2.756	2.764		0.394		E	710957 <sup>CCW</sup>	40
<b>1.988" SHAFT</b>							
2.975	2.988		0.406		T	710842 <sup>BI</sup>	#
<b>1.991" SHAFT</b>							
2.900	2.975		0.290		S	200885 <sup>B</sup>	200E

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>1.996" SHAFT (cont.)</b>							
2.000	2.878		0.250		S	8998 <sup>B</sup>	44
2.743	2.751	3.020	0.325		H	3404 <sup>CW</sup>	75
2.743	2.751		0.325		V	3404V <sup>RC,CW</sup>	75
2.745	2.753		0.315		N	710485	75
3.111	3.120	3.425	0.344		V	4189H <sup>RC</sup>	75
<b>1.998" SHAFT</b>							
2.878	2.882	3.165	0.340		N	714598 <sup>RC,CW</sup>	86
<b>2.000" (2-3/32") SHAFT</b>							
			<b>0.563</b>			<b>99199 Redi-Sleeve</b>	
			<b>0.875</b>			<b>99200 Redi-Sleeve</b>	
2.371	2.375		0.250		S	447809	44
2.375	2.379		0.188		S	447812	44
2.500	2.504		0.437		H	452261H <sup>RC</sup>	45
2.500	2.505		0.250		U	710025	#
2.501	2.506		0.250		L	40401	4L
2.502	2.506		0.281		S	797739	#
2.502	2.508		0.250		S	352541	35
2.561	2.565	0.011	0.250		S	4739 <sup>RC</sup>	282
2.561	2.565		0.549		S	9015S	44
2.562	2.566	2.760	0.220		S	8871 <sup>RC</sup>	286
2.562	2.566		0.528		N	331301N	33
2.623	2.627		0.250		S	40410S	4S
2.623	2.627	2.865	0.280		S	4148	286
<b>2.623</b>	<b>2.627</b>		<b>0.312</b>		<b>S</b>	<b>471424<sup>RC</sup></b>	<b>47</b>
2.623	2.627		0.312		V	471424V <sup>RC</sup>	47
2.623	2.627		0.312		S	• 481424	48
2.623	2.627		0.375		S	• 472331	47
2.623	2.627		0.500		N	• 450410N	45
2.623	2.627		0.500		S	• 470410	47
2.623	2.627		0.500		S	• 480410	48
2.623	2.627		0.500		N	• 480410N	48
2.623	2.631	3.091	0.264		N	710640	62
2.625	2.629		0.285		S	9406S	279
2.625	2.630		0.312		N	710263 <sup>RC,CW</sup>	47
2.630	2.750		0.562		S	6090S	273
<b>2.686</b>	<b>2.690</b>		<b>0.375</b>		<b>S</b>	<b>471870</b>	<b>47</b>
2.686	2.690		0.437		S	• 451883	45
2.686	2.690		0.437		S	471883 <sup>RC</sup>	47
2.686	2.690		0.500		S	• 410360	41
2.686	2.690		0.500		S	• 470360	47
2.713	2.717		0.468		S	450446 <sup>RC</sup>	45
2.717	2.720		0.468		S	• 410543	41
2.717	2.720		0.468		V	450543V <sup>RC</sup>	45
2.717	2.720		0.468		S	470543 <sup>RC</sup>	47
<b>2.717</b>	<b>2.721</b>		<b>0.375</b>		<b>S</b>	<b>474272<sup>RC</sup></b>	<b>47</b>
2.720	2.725		0.210		S	710365 <sup>B</sup>	46
2.742	2.746		0.375		S	472341 <sup>RC</sup>	47
2.742	2.746		0.375		N	• 472341N	47
2.745	2.749		0.230		S	5113	203
2.745	2.750		0.369		N	710447 <sup>RC,CW</sup>	47
2.746	2.750		0.375		H	331107N	33
2.748	2.746		0.438		F	5M289	#
2.750	2.754		0.187		L	5865	4L
2.750	2.754		0.250		S	40389S	4S



Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.000" (2-3/32") SHAFT (cont.)</b>								<b>2.000" (2-3/32") SHAFT (cont.)</b>							
2.750	2.754		0.312		S	472492 <sup>RC</sup>	47	3.062	3.066		0.500		S	• 471091	47
2.750	2.754		0.312		N	• 472492N	47	3.062	3.066		0.500		N	• 471091N	47
2.750	2.754		0.312		V	472492V <sup>RC</sup>	47	3.125	3.129		0.500		F	5M403	#
2.750	2.754		0.500		S	• 410389	41	<b>3.125</b>	<b>3.130</b>		<b>0.312</b>		<b>S</b>	<b>473242<sup>RC</sup></b>	<b>47</b>
2.750	2.754		0.500		N	• 410389N	41	3.125	3.130		0.312		V	• 473242V	47
2.750	2.754		0.500		S	450389 <sup>RC</sup>	45	3.125	3.130		0.375		S	• 472010	47
2.750	2.754		0.500		S	• 470389	47	3.125	3.130		0.500		S	• 410310	41
2.750	2.754		0.500		N	• 470389N	47	3.125	3.130		0.500		S	• 450310	45
2.804	2.824		0.294		S	200881 <sup>B</sup>	200E	3.125	3.130		0.500		S	• 470310	47
<b>2.835</b>	<b>2.839</b>		<b>0.375</b>		<b>S</b>	<b>472653<sup>RC</sup></b>	<b>47</b>	3.150	3.155		0.375		S	412725 <sup>RC</sup>	41
2.835	2.839		0.468		S	• 451943	45	<b>3.189</b>	<b>3.194</b>		<b>0.375</b>		<b>S</b>	<b>473464<sup>RC</sup></b>	<b>47</b>
2.846	2.850		0.375		S	493524	49	3.189	3.194		0.437		S	• 410095	41
2.875	2.879		0.290		S	200339 <sup>RC</sup>	200	3.189	3.194		0.437		S	450095	45
<b>2.875</b>	<b>2.879</b>		<b>0.312</b>		<b>S</b>	<b>472924<sup>RC</sup></b>	<b>47</b>	3.189	3.194		0.437		N	• 450095N	45
2.875	2.879		0.312		V	472924V <sup>RC</sup>	47	3.189	3.194		0.437		S	• 470095	47
2.875	2.879		0.437		S	• 451944	45	<b>3.251</b>	<b>3.256</b>		<b>0.437</b>		<b>S</b>	<b>412027<sup>RC</sup></b>	<b>41</b>
2.875	2.879		0.437		S	• 471944	47	3.251	3.256		0.500		S	• 410571	41
2.875	2.879		0.468		N	• 410083N	41	3.251	3.256		0.625		S	5524 <sup>RC</sup>	41
2.875	2.879		0.468		S	450083 <sup>RC</sup>	45	3.264	3.269		0.250		S	441148 <sup>RC</sup>	44
2.875	2.879		0.500		S	• 410966	41	3.350	3.355		0.468		S	412028 <sup>RC</sup>	41
2.875	2.879		0.703		S	6163S	21	<b>3.371</b>	<b>3.376</b>		<b>0.468</b>		<b>S</b>	<b>410102<sup>RC</sup></b>	<b>41</b>
2.878	2.882	3.165	0.340		N	4598 <sup>CW</sup>	83	3.371	3.376		0.468		N	• 410102N	41
2.880	2.884		0.375		S	472082	47	3.371	3.376		0.468		N	• 470102N	47
2.880	2.884		0.375		N	• 472082N	47	3.500	3.505		0.500		S	415627 <sup>RC</sup>	41
2.961	2.971		0.250		F	8139	#	3.543	3.548		0.500		S	455253 <sup>RC</sup>	45
2.964	2.968		0.500		F	205044	205	3.623	3.628		0.250		S	204506	204
2.996	3.001		0.375		S	• 410530	41	3.623	3.628		0.375		S	487945 <sup>RC</sup>	48
2.996	3.001		0.375		N	• 410530N	41	4.003	4.008		0.468		L	55524	5L
<b>2.996</b>	<b>3.001</b>		<b>0.375</b>		<b>S</b>	<b>470530<sup>RC</sup></b>	<b>47</b>	<b>55,00mm (2,166") SHAFT</b>							
2.996	3.001		0.375		V	470530V <sup>RC</sup>	47	72,00	72,20		8,00		V	711129 <sup>CW</sup>	#
2.996	3.001		0.437		S	• 412008	41	2.835	2.843		0.315				
2.996	3.001		0.500		S	410085 <sup>RC</sup>	41	<b>2.005" SHAFT</b>							
2.996	3.001		0.500		N	410085N <sup>RC</sup>	41	2.878	2.888		0.340		V	320259 <sup>CW</sup>	32
2.996	3.001		0.500		V	• 410085V	41	<b>51,00mm (2.008") SHAFT</b>							
2.996	3.001		0.500		S	450085 <sup>RC</sup>	45	62,00	62,10		7,00		S	710407	33
2.996	3.001		0.500		N	• 450085N	45	2.441	2.445		0.276				
2.996	3.001		0.500		V	• 470085	47	63,00	63,12		6,00		S	494123 <sup>RC</sup>	49
2.996	3.001		0.500		N	• 470085N	47	2.480	2.485		0.236				
2.996	3.001		0.500		S	• 480085	48	63,00	63,20		8,50		S	710323	49
2.996	3.003		0.438		N	714654 <sup>RC,CCW</sup>	47	2.480	2.488		0.335				
3.000	3.005		0.250		S	40301S <sup>RC</sup>	4S	65,00	65,10		7,00		S	225110 <sup>RC</sup>	47
<b>3.000</b>	<b>3.005</b>		<b>0.312</b>		<b>S</b>	<b>472397<sup>RC</sup></b>	<b>47</b>	2.559	2.563		0.276				
3.000	3.005		0.312		V	472397V <sup>RC</sup>	47	2.559	2.563		0.276		S	• 474096	47
3.000	3.005		0.375		S	• 452009	45	65,00	65,20		7,00		V	710788 <sup>CW</sup>	32
3.000	3.005		0.375		S	• 472009	47	2.559	2.567		0.276				
3.000	3.005		0.375		N	• 472009N	47	66,00	66,20		6,50		N	710265	35
3.000	3.005		0.500		V	• 410301V	41	2.598	2.606		0.256				
3.000	3.005		0.500		S	450301 <sup>RC</sup>	45	66,00	66,20		7,00		E	710923 <sup>CW</sup>	32
3.000	3.005		0.500		N	• 450301N	45	2.598	2.606		0.275				
3.000	3.005		0.500		S	• 470301	47	66,00	66,20		7,50		N	710932 <sup>CW</sup>	32
3.062	3.066		0.250		S	204508	204	2.598	2.606		0.295				
<b>3.062</b>	<b>3.066</b>		<b>0.375</b>		<b>S</b>	<b>473463<sup>RC</sup></b>	<b>47</b>	70,00	70,20		7,50		N	710912 <sup>CW</sup>	32
3.062	3.066		0.500		S	• 411091	41	2.756	2.764		0.295				
3.062	3.066		0.500		S	• 451091	45	70,00	70,28		11,00		N	8316 <sup>CW</sup>	32
								2.756	2.767		0.433				

SIZE SECTION

<sup>B</sup>External Bore; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order



Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>51,00mm (2.008") SHAFT (cont.)</b>							
111,30	111,60	130,00	11,20		E	711051	#
4.312	4.394	5.118	0.441				
<b>2.010" SHAFT</b>							
2.650	2.655		0.363		S	3794	49
<b>52,00mm (2.047") SHAFT</b>							
			<b>0.500</b>			<b>99204 Redi-Sleeve</b>	
62,00	63,00		5,50		S	710253 <sup>B</sup>	34
2.441	2.480		0.217				
63,00	63,23		8,00		S	1975	32
2.480	2.489		0.315				
65,00	65,30		9,00		S	1955	35
2.559	2.571		0.354				
66,00	66,12		7,50		S	4898	66
2.598	2.603		0.295				
66,00	66,23		9,00		N	225210	35
2.598	2.607		0.354				
2.622	2.630		0.354		T	710555 <sup>CW</sup>	34
67,00	67,20		8,00		N	710946 <sup>CCW</sup>	40
2.638	2.646		0.315				
68,00	68,10		8,00		S	710292 <sup>BI</sup>	40
2.677	2.681		0.315				
68,00	68,20		8,00		N	711059 <sup>CCW</sup>	40
2.677	2.685		0.315				
68,00	68,20		13,00		S	710312	32
2.677	2.685		0.512				
68,00	68,28		7,00		S	4990 <sup>RC</sup>	281
2.677	2.688		0.276				
68,00	68,28		8,00		S	225220	32
2.677	2.688		0.315				
68,00	68,43		8,00		H	710190 <sup>CW</sup>	32
2.677	2.694		0.315				
69,00	69,20		15,00		S	710527	32
2.717	2.724		0.591				
70,00	70,27		8,50		N	710187 <sup>CW</sup>	32
2.756	2.766		0.335				
70,00	70,27		8,00		S	225225 <sup>RC</sup>	47
2.756	2.767		0.315				
72,00	72,20		8,00		N	710722 <sup>CW</sup>	40
2.835	2.839		0.315				
72,00	72,20		10,00		N	710777 <sup>CW</sup>	32
2.835	2.843		0.394				
72,00	72,28		8,00		S	225230	35
2.835	2.846		0.315				
75,00	75,11		7,50		S	225275 <sup>RC</sup>	66
2.953	2.957		0.295				
75,00	75,20		8,00		V	710745 <sup>CCW</sup>	40
2.953	2.961		0.315				
75,00	75,25		8,00		V	710953 <sup>BI</sup>	40
2.953	2.963		0.315				
77,00	78,00		9,00		S	710107 <sup>B</sup>	34
3.031	3.071		0.354				
78,00	78,20		9,00		N	710634	35
3.071	3.079		0.354				
80,00	80,20		8,00		V	710744 <sup>CCW</sup>	40
3.150	3.157		0.315				

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>52,00mm (2.047") SHAFT (cont.)</b>							
87,00	87,20		10,30		N	710734 <sup>CW</sup>	40
3.425	3.433		0.406				
3.555	3.563	3.780	0.394		V	710751 <sup>CCW</sup>	74
94,00	94,30		10,00		S	710185	35
3.701	3.713		0.394				
<b>2.048" SHAFT</b>							
2.728	2.732		0.590		S	3087	#
<b>2.058" SHAFT</b>							
2.622	2.628		0.311		V	710604 <sup>CW</sup>	32
3.149	3.154		0.270		S	200110	200
<b>2.059" SHAFT</b>							
2.846	2.852	3.071	0.398		V	710561 <sup>CW</sup>	74
<b>2.060" SHAFT</b>							
			<b>0.781</b>			<b>99205 Redi-Sleeve</b>	
<b>2.062" SHAFT</b>							
2.561	2.565		0.313		V	484064V	48
2.842	2.846		0.450		L	5877	5L
2.875	2.879		0.375		S	• 472579	47
<b>2.875</b>	<b>2.879</b>		<b>0.437</b>		<b>S</b>	<b>451948<sup>RC</sup></b>	<b>45</b>
2.875	2.879		0.468		S	• 480373	48
2.937	3.034		0.340		S	4162 <sup>B</sup>	200E
<b>2.996</b>	<b>3.001</b>		<b>0.375</b>		<b>S</b>	<b>473466<sup>RC</sup></b>	<b>47</b>
2.996	3.001		0.500		S	• 410261	41
2.996	3.001		0.500		S	• 450261	45
2.996	3.001		0.500		S	• 480261	48
3.000	3.005		0.310		S	6954S	44
3.000	3.005		0.375		V	2822V <sup>RC</sup>	96
3.000	3.005		0.375		S	• 412012	41
<b>3.000</b>	<b>3.005</b>		<b>0.375</b>		<b>S</b>	<b>472012<sup>RC</sup></b>	<b>47</b>
3.000	3.005		0.375		S	• 482012	48
3.000	3.005		0.437		N	412798N <sup>RC</sup>	41
3.000	3.005		0.500		S	• 480302	48
<b>3.061</b>	<b>3.066</b>		<b>0.500</b>		<b>S</b>	<b>450307<sup>RC</sup></b>	<b>45</b>
3.061	3.066		0.500		S	• 480307	48
3.125	3.130		0.500		S	450311 <sup>RC</sup>	45
3.125	3.130		0.500		S	• 480311	48
3.151	3.156		0.240		F	5756	29
3.189	3.194		0.375		S	• 472928	47
3.189	3.194		0.437		S	450096	45
3.189	3.194		0.437		S	• 480096	48
<b>3.190</b>	<b>3.194</b>		<b>0.437</b>		<b>S</b>	<b>416738<sup>RC</sup></b>	<b>41</b>
3.251	3.256		0.500		S	450313 <sup>RC</sup>	45
3.251	3.256		0.500		S	• 480313	48
3.350	3.355		0.468		S	• 450532	45
3.371	3.376		0.468		S	450343 <sup>RC</sup>	45
3.371	3.376		0.468		S	• 480343	48
<b>3.623</b>	<b>3.628</b>		<b>0.468</b>		<b>S</b>	<b>455260<sup>RC</sup></b>	<b>45</b>
3.623	3.628		0.468		S	• 485260	48
<b>2.063" SHAFT</b>							
3.000	3.005		0.375		V	477701	47
3.000	3.007		0.394		V	710533 <sup>RC</sup>	75

SIZE SECTION

2.065" SHAFT (cont.)								2.125" (2-1/8") SHAFT (cont.)							
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
3.125	3.130		0.294		S	200865 <sup>B</sup>	200E	2.875	2.879		0.437		N	410867N <sup>RC</sup>	41
<b>53,00mm (2.0870") SHAFT</b>								2.875	2.879		0.437		S	• 410867R	41
73,00	73,20		10,00		N	710588 <sup>11</sup>	32	2.875	2.879		0.437		V	410867V <sup>RC</sup>	41
2.874	2.882		0.394					2.875	2.879		0.437		S	450867 <sup>RC</sup>	45
<b>2.087" SHAFT</b>								2.875	2.879		0.437		N	• 450867N	45
68,00	68,20		8,00		N	710909 <sup>CCW</sup>	32	2.875	2.879		0.437		V	• 450867V	45
2.677	2.685		0.315					2.875	2.879		0.437		S	• 470867	47
2.685	2.696		0.276		S	710175	32	2.875	2.879		0.437		N	• 470867N	47
71,00	71,10		9,00		S	710522	35	2.875	2.879		0.437		N	• 480867N	48
2.795	2.799		0.354					2.875	2.879		0.468		S	450365 <sup>RC</sup>	45
71,00	71,14		11,50		S	710589 <sup>BI</sup>	47	2.875	2.879		0.468		V	• 450365V	45
2.795	2.801		0.453					2.875	2.879		0.500		S	• 480365	48
71,00	71,20		7,00		E	710939 <sup>CW</sup>	32	2.875	2.879		0.500		S	• 452612	45
2.795	2.803		0.276					2.875	2.879		0.500		S	• 482612	48
3.176	3.181	3.512	0.433		N	710537 <sup>BI</sup>	72	2.878	2.884		0.437		S	9599S <sup>RC,CW</sup>	47
81,00	81,20	87,00	15,50		V	711033 <sup>CW</sup>	86	2.880	2.885	3.150	0.550		N	2457 <sup>RC,CCW</sup>	74
3.189	3.197	3.452	0.610					2.909	2.917	3.150	0.500		V	710866	86
<b>2.088" SHAFT</b>								2.914	2.920	3.346	0.469		T	710558 <sup>BI</sup>	74
2.911	2.915	3.309	0.500		S	710507	74	<b>2.996</b>	<b>3.001</b>		<b>0.375</b>		<b>S</b>	<b>473467<sup>RC</sup></b>	<b>47</b>
<b>2.093" SHAFT</b>								2.996	3.001		0.500		S	• 410115	41
2.717	2.721		0.406		S	6590S	204	2.996	3.001		0.500		N	• 410115N	41
2.717	2.725		0.250		S	340900	34	2.996	3.001		0.500		S	450115	45
2.750	2.754		0.250		S	41013S	4S	2.996	3.001		0.500		N	• 450115N	45
2.835	2.840		0.250		S	• 40627X	4S	2.996	3.001		0.500		S	470115	47
3.150	3.156		0.250		S	40973S	4S	2.996	3.001		0.500		S	• 480115	48
<b>2.122" SHAFT</b>								2.996	3.001		0.687		S	8650S	1L
3.030	3.040	3.362	0.430		V	710653 <sup>BI</sup>	87	3.000	3.005		0.312		S	8430S	49
<b>2.125" (2-1/8") SHAFT</b>								3.000	3.005		0.375		V	412015V <sup>RC</sup>	41
2.561	2.565		0.492		S	• 474069	47	<b>3.000</b>	<b>3.005</b>		<b>0.375</b>		<b>S</b>	<b>472015<sup>RC</sup></b>	<b>47</b>
<b>2.750</b>	<b>2.754</b>		<b>0.375</b>		<b>S</b>	<b>473204<sup>RC</sup></b>	<b>47</b>	3.000	3.005		0.375		N	• 472015N	47
2.750	2.754		0.375		N	• 473204N	47	3.000	3.005		0.375		N	• 482015N	48
2.750	2.754		0.500		S	• 411949	41	3.000	3.005		0.375		V	• 482015V	48
2.750	2.754		0.500		N	• 411949N	41	3.000	3.005		0.500		S	• 410303	41
2.756	2.764	3.228	0.469		S	710506 <sup>CW</sup>	86	3.000	3.005		0.500		N	• 410303N	41
2.758	2.762		0.437		S	471950 <sup>RC</sup>	47	3.000	3.005		0.500		N	• 450303N	45
2.758	2.762		0.437		N	• 471950N	47	3.000	3.005		0.500		S	• 450303SSR	45
<b>2.835</b>	<b>2.839</b>		<b>0.468</b>		<b>S</b>	<b>450639<sup>RC</sup></b>	<b>45</b>	3.000	3.005		0.500		V	• 450303V	45
2.835	2.839		0.468		S	• 480639	48	3.000	3.005		0.500		S	• 470303	47
2.875	2.879		0.250		S	40566S	4S	3.000	3.005		0.500		N	• 470303N	47
2.875	2.879		0.250		S	447810	44	3.061	3.066		0.250		S	797717	#
2.875	2.879		0.312		S	6626S	4S	3.061	3.066		0.375		S	473468 <sup>RC</sup>	47
2.875	2.879		0.375		H	6879H	33	<b>3.061</b>	<b>3.066</b>		<b>0.500</b>		<b>S</b>	<b>410308<sup>RC</sup></b>	<b>41</b>
2.875	2.879		0.375		N	• 450898N	45	3.061	3.066		0.500		S	450308 <sup>RC</sup>	45
<b>2.875</b>	<b>2.879</b>		<b>0.375</b>		<b>S</b>	<b>470898<sup>RC</sup></b>	<b>47</b>	3.061	3.066		0.500		S	• 470308	47
2.875	2.879		0.375		N	• 470898N	47	3.061	3.066		0.500		N	470308N <sup>RC</sup>	47
2.875	2.879		0.375		V	470898V <sup>RC</sup>	47	3.061	3.066		0.500		S	• 480308	48
2.875	2.879		0.375		S	• 480898	48	3.125	3.130		0.375		S	• 412016	41
2.875	2.879		0.375		H	• 480898H	48	3.125	3.130		0.375		N	• 412016N	41
2.875	2.879		0.437		T	39851 <sup>RC,CCW</sup>	FW-H	<b>3.125</b>	<b>3.130</b>		<b>0.375</b>		<b>S</b>	<b>472016<sup>RC</sup></b>	<b>47</b>
2.875	2.879		0.437		T	39853 <sup>RC,CW</sup>	FW-H	3.125	3.130		0.375		S	• 482016	48
2.875	2.879		0.437		S	• 410867	41	3.125	3.130		0.500		S	410312 <sup>RC</sup>	41
								3.125	3.130		0.500		N	410312N <sup>RC</sup>	41
								3.125	3.130		0.500		S	• 470312	47
								3.125	3.130		0.500		N	• 470312N	47
								3.125	3.130		0.500		S	• 480312	48

SIZE SECTION

<sup>B</sup>External Bore; <sup>11</sup>ABS Sensor in Seal; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.125" (2-1/8") SHAFT (cont.)</b>							
3.125	3.130		0.500		N	• 480312N	48
3.146	3.153		0.500		F	8243	#
3.149	3.154		0.375		S	476535 <sup>RC</sup>	47
3.149	3.154		0.375		N	• 476535N	47
<b>3.189</b>	<b>3.194</b>		<b>0.375</b>		<b>S</b>	<b>472409<sup>RC</sup></b>	<b>47</b>
3.189	3.194		0.375		N	• 472409N	47
3.189	3.194		0.375		V	• 472409V	47
3.189	3.194		0.437		T	39302 <sup>RC,CW</sup>	W-H
3.189	3.194		0.437		T	39719 <sup>RC,CCW</sup>	W-H
3.189	3.194		0.437		S	• 410121	41
3.189	3.194		0.437		V	• 410121V	41
3.189	3.194		0.437		S	450121	45
3.189	3.194		0.437		N	• 450121N	45
3.189	3.194		0.437		V	• 450121V	45
3.189	3.194		0.437		S	• 470121	47
3.189	3.194		0.437		S	• 480121	48
3.193	3.198		0.812		H	7790H <sup>RC</sup>	47
<b>3.251</b>	<b>3.256</b>		<b>0.375</b>		<b>S</b>	<b>473243<sup>RC</sup></b>	<b>47</b>
3.251	3.256		0.375		V	• 473243V	47
3.251	3.256		0.375		S	• 483243	48
3.251	3.256		0.437		S	• 412032	41
3.251	3.256		0.437		S	• 452032	45
3.251	3.256		0.500		S	• 410314	41
3.251	3.256		0.500		S	• 450314	45
3.251	3.256		0.500		S	• 470314	47
3.251	3.256		0.500		N	• 470314N	47
3.251	3.256		0.500		S	• 480314	48
<b>3.350</b>	<b>3.355</b>		<b>0.375</b>		<b>S</b>	<b>413469<sup>RC</sup></b>	<b>41</b>
3.350	3.355		0.375		S	• 473469	47
3.350	3.355		0.468		S	• 410097	41
3.350	3.355		0.468		N	• 410097N	41
3.350	3.355		0.468		V	• 410097V <sup>14</sup>	41
3.350	3.355		0.468		S	• 480097	48
3.350	3.355		0.500		S	• 456861	45
3.350	3.356		1.250		S	• 483815	48
3.371	3.376		0.312		S	440972	44
<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>413470<sup>RC</sup></b>	<b>41</b>
3.371	3.376		0.375		V	413470V <sup>RC</sup>	41
3.371	3.376		0.468		S	• 410972	41
3.371	3.376		0.468		N	410972N <sup>RC</sup>	41
3.371	3.376		0.468		S	• 450972	45
3.371	3.376		0.468		S	• 470972	47
3.371	3.376		0.468		S	• 480972	48
3.436	3.440		0.625		F	6380	29
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>416267<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.375		S	• 476267	47
3.500	3.505		0.500		S	• 415659	41
3.500	3.505		0.500		S	• 455659	45
3.500	3.505		0.500		S	• 475659	47
3.500	3.505		0.500		S	• 485659	48
3.501	3.505		0.375		S	• 456267	45
3.501	3.505		0.375		S	• 486267	48
3.543	3.548		0.500		S	415349 <sup>RC</sup>	41
3.543	3.548		0.500		N	• 415349N	41
3.543	3.548		0.500		V	• 415349V	41

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.125" (2-1/8") SHAFT (cont.)</b>							
3.623	3.628		0.468		S	• 415080	41
<b>3.623</b>	<b>3.628</b>		<b>0.468</b>		<b>S</b>	<b>455080<sup>RC</sup></b>	<b>45</b>
3.623	3.628		0.468		N	475080N <sup>RC</sup>	47
3.937	3.942		0.375		S	• 476808	47
<b>2.1260" SHAFT</b>							
2.875	2.879	3.134	0.437		V	710652	#
<b>54,00mm (2.126") SHAFT</b>							
			<b>0.500</b>			<b>99210</b>	<b>Redi-Sleeve</b>
			<b>0.781</b>			<b>99212</b>	<b>Redi-Sleeve</b>
64,00	64,25		9,00		S	710574 <sup>BI</sup>	40
2.520	2.530		0.354				
65,00	65,28		7,00		N	710478	48
2.559	2.570		0.276				
65,00	65,28		12,50		S	2002	47
2.559	2.570		0.492				
66,00	66,23		7,50		S	225410	#
2.598	2.607		0.295				
69,00	69,23		7,50		N	710239	40
2.717	2.726		0.295				
72,00	72,20		8,00		N	711053 <sup>CW</sup>	32
2.835	2.843		0.346				
72,00	72,20		9,30		N	711098 <sup>CW</sup>	35
2.835	2.843		0.366				
75,00	75,20	81,00	12,50		V	710694 <sup>BI</sup>	87
2.953	2.961	3.189	0.492				
2.965	2.972	0.315	0.472		S	710073	40
76,00	76,20		8,00		S	710638	35
2.992	3.000		0.315				
80,00	80,20		11,25		S	710851	66
3.150	3.157		0.443				
82,00	82,30		10,00		S	225450	32
3.228	3.240		0.394				
<b>2.129" SHAFT</b>							
2.835	2.846		0.323		T	100470	32
2.891	2.895		0.250		S	42101S	4S
<b>2.130" SHAFT</b>							
2.762	2.766		0.250		N	• 6957RA	48
<b>2.136" SHAFT</b>							
2.904	2.910	3.110	0.326		S	8312 <sup>RC</sup>	272
<b>2.141" SHAFT</b>							
3.484	3.493		0.329		V	4635V <sup>RC,CW</sup>	#
<b>2.146" SHAFT</b>							
3.228	3.239		0.600		V	710890	32
<b>2.156" (2-5/32") SHAFT</b>							
2.880	2.885		0.375		T	100058 <sup>RC,CW</sup>	W
3.189	3.194		0.437		S	450621 <sup>RC</sup>	45
3.189	3.194		0.437		N	• 450621N	45
3.251	3.256		0.500		S	450869 <sup>RC</sup>	45
<b>2.157" SHAFT</b>							
3.059	3.067		0.335		V	710725	32

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.160" SHAFT (cont.)</b>								<b>2.187" (2-3/16") SHAFT (cont.)</b>							
2.973	2.979	3.323	0.421		N	100796 <sup>RC</sup>	79	2.875	2.879		0.375		S	• 413244	41
<b>2.162" SHAFT</b>								2.875	2.879		0.375		N	• 413244N	41
3.543	3.548		0.375		S	• 476513	47	2.875	2.879		0.375		S	• 453244	45
<b>55,00mm (2.165") SHAFT</b>								<b>2.875 2.879</b>			<b>0.375</b>		<b>S</b>	<b>473244<sup>RC</sup></b>	<b>47</b>
			<b>0.380</b>			<b>99228</b>	<b>Redi-Sleeve</b>	2.875	2.879		0.375		S	• 483244	48
			<b>0.787</b>			<b>99215</b>	<b>Redi-Sleeve</b>	2.875	2.879		0.437		S	• 411953	41
68,00	68,20	72,70	8,00		S	710127	74	2.875	2.879		0.437		N	• 411953N	41
2.677	2.685	2.862	0.315					2.875	2.879		0.437		S	• 451953	45
68,00	68,20		8,50		N	711075 <sup>CCW</sup>	32	2.875	2.879		0.437		S	• 471953	47
2.677	2.685		0.335					2.875	2.879		0.437		S	• 481953	48
68,00	68,30		8,00		S	225500	32	2.875	2.879		0.468		S	• 410489	41
2.677	2.689		0.315					2.875	2.879		0.468		S	450489	45
70,00	70,20		8,00		V	710279 <sup>CCW</sup>	32	2.875	2.879		0.468		S	• 470489	47
2.756	2.764		0.315					2.875	2.879		0.468		S	• 480489	48
72,00	72,20		10,50		S	225535	32	<b>2.996 3.001</b>			<b>0.375</b>		<b>S</b>	<b>472234<sup>RC</sup></b>	<b>47</b>
2.835	2.843		0.413					2.996	3.001		0.437		S	• 412017	41
72,00	72,25		8,00		S	225530	35	2.996	3.001		0.437		S	• 452017	45
2.835	2.844		0.315					2.996	3.001		0.437		S	• 472017	47
72,30	72,50		8,60		N	711101 <sup>CW</sup>	32	2.996	3.001		0.500		S	• 482017	48
2.846	2.854		0.339					2.996	3.001		0.500		S	• 410139	41
75,00	75,20		8,00		N	710467	47	2.996	3.001		0.500		S	• 470139	47
2.953	2.961		0.315					2.996	3.001		0.375		S	• 480139	48
75,00	75,35		11,00		S	225545	35	3.000	3.005		0.375		S	• 412018	41
2.953	2.967		0.433					3.000	3.005		0.375		S	• 452018	45
80,00	80,20	89,00	9,10		V	710965 <sup>BI</sup>	74	<b>3.000 3.005</b>			<b>0.375</b>		<b>S</b>	<b>472018<sup>RC</sup></b>	<b>47</b>
3.150	3.157	3.504	0.358					3.000	3.005		0.375		N	• 472018N	47
80,00	80,30		8,00		N	711062 <sup>CW</sup>	40	3.000	3.005		0.375		V	• 472018V	47
3.150	3.161		0.315					3.000	3.005		0.375		S	• 482018	48
83,00	83,20	92,00	8,00		V	711117 <sup>CCW</sup>	#	3.000	3.005		0.437		S	• 450718	45
3.268	3.276	3.622	0.315					3.000	3.005		0.500		S	• 411338	41
85,00	85,20	87,00	11,00		V	711081 <sup>CCW</sup>	87	3.000	3.005		0.500		S	• 451338	45
3.346	3.354	3.425	0.433					3.000	3.005		0.500		S	• 471338	47
4.003	4.008		0.437		V	• 477674V	47	3.000	3.005		0.500		S	• 481338	48
171,00	171,20		7,50		T	710787 <sup>15,CW</sup>	40	<b>3.062 3.066</b>			<b>0.375</b>		<b>S</b>	<b>473471<sup>RC</sup></b>	<b>47</b>
6.732	6.740		0.295					3.062	3.066		0.500		S	• 412019	41
<b>55,00mm (2.166") SHAFT</b>								3.062	3.066		0.500		S	• 452019	45
84,50	84,70		12,00		V	710942 <sup>BI</sup>	40	3.062	3.066		0.500		S	• 472019	47
3.327	3.335		0.472					3.062	3.066		0.500		S	• 482019	48
88,00	88,20	94,00	11,00		N	711052 <sup>CW</sup>	74	3.125	3.130		0.375		S	• 482019	48
3.464	3.472	3.701	0.433					3.125	3.130		0.375		S	• 412020	41
<b>2.172" SHAFT</b>								3.125	3.130		0.375		<b>S</b>	<b>472020<sup>RC</sup></b>	<b>47</b>
3.345	3.350		0.500		S	• 482435	48	3.125	3.130		0.375		S	• 482020	48
<b>2.180" SHAFT</b>								3.125	3.130		0.500		S	• 410681	41
2.999	3.004		0.250		S	4740 <sup>RC</sup>	282	3.125	3.130		0.500		S	• 450681	45
3.000	3.005		0.495		S	8974S	49	3.125	3.130		0.500		N	• 450681N	45
3.190	3.194		0.620		S	3103 <sup>RC,CW</sup>	69	3.187	3.194		0.687		S	6636S	35
3.190	3.194		0.620		V	713103 <sup>RC,CW</sup>	69	3.189	3.194		0.375		S	• 472940	47
<b>2.185" SHAFT</b>								3.189	3.194		0.437		S	• 410354	41
3.016	3.020	3.543	0.465		T	710771 <sup>BI</sup>	79	<b>3.189 3.194</b>			<b>0.437</b>		<b>S</b>	<b>470354<sup>RC</sup></b>	<b>47</b>
3.142	3.148		0.413		N	710413	40	3.189	3.194		0.437		S	• 480354	48
<b>2.187" (2-3/16") SHAFT</b>								3.189	3.194		0.718		L	6186	1L
2.835	2.839		0.468		S	471952 <sup>RC</sup>	47	3.251	3.256		0.375		S	• 413245	41
								3.251	3.256		0.375		S	• 453245	45

SIZE SECTION

<sup>15</sup>Oil Seal & Housing; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.187" (2-3/16") SHAFT (cont.)</b>							
3.251	3.256		0.375		S	473245 <sup>RC</sup>	47
3.251	3.256		0.375		S	• 483245	48
3.251	3.256		0.500		S	• 410315	41
3.251	3.256		0.500		N	• 410315N	41
3.251	3.256		0.500		S	• 470315	47
3.251	3.256		0.500		S	• 480315	48
<b>3.350</b>	<b>3.355</b>		<b>0.375</b>		<b>S</b>	<b>412943<sup>RC</sup></b>	<b>41</b>
3.350	3.355		0.468		S	• 410098	41
3.350	3.355		0.468		S	• 470098	47
3.350	3.355		0.468		S	• 480098	48
3.350	3.355		0.500		S	• 452604	45
<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>413472<sup>RC</sup></b>	<b>41</b>
3.371	3.376		0.468		S	• 412035	41
3.371	3.376		0.468		S	• 452035	45
3.371	3.376		0.468		S	• 472035	47
3.371	3.376		0.468		S	• 482035	48
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>416268<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.375		S	• 476268	47
3.500	3.505		0.375		S	• 486268	48
3.500	3.505		0.500		S	• 415636	41
3.500	3.505		0.500		S	• 455636	45
3.500	3.505		0.500		S	• 475636	47
3.500	3.505		0.500		S	• 485636	48
3.543	3.548		0.500		S	• 416269	41
3.543	3.548		0.500		S	• 456269	45
<b>3.623</b>	<b>3.628</b>		<b>0.468</b>		<b>S</b>	<b>415350<sup>RC</sup></b>	<b>41</b>
3.623	3.628		0.468		S	• 455350	45
3.623	3.628		0.468		S	• 475350	47
3.623	3.628		0.468		S	• 485350	48
5.118	5.124		0.375		S	476511 <sup>RC</sup>	47
<b>2.188" SHAFT</b>							
3.063	3.067		0.781		F	99218 Redi-Sleeve 5MR71	#
<b>2.197" SHAFT</b>							
3.022	3.030	3.346	0.394		V	710675 <sup>CCW</sup>	79
<b>2.200" SHAFT</b>							
2.804	2.809		0.300		N	710171	47
3.022	3.028		0.422		V	4741 <sup>RC,CCW</sup>	79
<b>2.201" SHAFT</b>							
2.735	2.741	2.913	0.197		S	3553 <sup>RC</sup>	284
3.519	3.523	3.970	0.590		S	2286 <sup>RC</sup>	74
<b>56,00mm (2.205") SHAFT</b>							
			<b>0.500</b>			<b>99220 Redi-Sleeve</b>	
67,00	67,20		5,50		S	710169 <sup>BI</sup>	35
2.638	2.646		0.217				
68,00	68,28	74,00	5,00		S	1932	49
2.677	2.682	2.913	0.197				
70,00	70,20		7,50		N	710924	35
2.756	2.764		0.295				
70,00	70,20		8,20		T	711124 <sup>CW</sup>	#
2.756	2.764		0.323				
72,00	72,20	77,00	8,00		S	710069	87
2.835	2.843	3.032	0.315				

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>56,00mm (2.205") SHAFT (cont.)</b>							
72,00	72,20		8,00		S	710393	32
2.835	2.843		0.315				
72,00	72,29	77,00	11,50		S	225650 <sup>BI</sup>	32
2.835	2.846	3.031	0.453				
2.846	2.854		0.315		S	710463	32
2.846	2.854		0.315		S	710464	40
73,00	73,13	78,23	7,50		S	225673 <sup>RC</sup>	76
2.874	2.879	3.080	0.295				
73,00	73,23		8,00		S	712938	49
2.874	2.883		0.315				
73,00	73,28		12,50		S	1993	47
2.874	2.885		0.492				
2.876	2.874		0.413		N	710578 <sup>BI</sup>	48
74,00	74,14	82,00	8,50		S	710176	87
2.913	2.919	3.228	0.335				
74,00	74,20	78,10	8,00		S	710125	47
2.913	2.921	3.075	0.315				
75,00	75,13		6,50		S	4899	66
2.953	2.958		0.256				
75,00	75,13		10,00		N	225885 <sup>BI</sup>	32
2.953	2.958		0.394				
76,00	76,14	81,50	6,00		S	710146	72
2.992	2.988	3.209	0.236				
76,00	76,12		12,30		S	710108	66
2.992	2.997		0.484				
78,00	78,28		7,60		S	225678	#
3.071	3.082		0.299				
80,20	80,40	85,00	9,00		V	711106 <sup>BI</sup>	87
3.157	3.165	3.346	0.354				
122,00	122,25		8,00		S	710086	32
4.803	4.813		0.315				
<b>2.222" SHAFT</b>							
3.543	3.548		0.760		H	7568 <sup>RC</sup>	12
<b>2.230" SHAFT</b>							
			0.781			99230 Redi-Sleeve	
<b>2.240" SHAFT</b>							
			0.764			99226 Redi-Sleeve	
3.190	3.194		0.450		S	3095 <sup>RC,CW</sup>	69
<b>57,00mm (2.241") SHAFT</b>							
72,00	72,20		8,50		N	710705 <sup>BI</sup>	32
2.835	2.843		0.335				
<b>57,00mm (2.244") SHAFT</b>							
67,00	67,11		6,00		S	1984	25
2.638	2.642		0.236				
73,00	73,20		8,00		V	710718 <sup>CCW</sup>	32
2.874	2.882		0.315				
79,00	79,28		9,00		S	710072 <sup>RC</sup>	75
3.110	3.121		0.354				
80,00	80,10		8,00		S	710225	48
3.150	3.154		0.315				
81,00	81,10		8,00		S	1928	47
3.189	3.193		0.315				

Size Section

RADIAL SHAFT SEALS

57,00mm (2.244") SHAFT (cont.)								2.250" (2-1/4") SHAFT (cont.)							
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
84,00	84,30	88,00	11,10		V	710998 <sup>CW</sup>	87	3.125	3.130		0.500		S	• 470433	47
3.307	3.319	3.465	0.437					3.125	3.130		0.500		S	• 480433	48
123,00	123,30		11,00		S	710104	40	3.189	3.194		0.375		S	• 472916	47
4.843	4.854		0.433					3.189	3.194		0.375		S	• 482916	48
<b>2.250" (2-1/4") SHAFT</b>								3.189	3.194		<b>0.437</b>		<b>S</b>	<b>410737<sup>RC</sup></b>	<b>41</b>
2.625	2.636		0.187		S	341022	34	3.189	3.194		0.437		S	450737 <sup>RC</sup>	45
2.675	2.733		0.539		S	722109	VRS1	3.189	3.194		0.437		S	470737 <sup>RC</sup>	47
2.750	2.755		0.250		U	710026	#	3.189	3.194		0.437		N	470737N <sup>RC</sup>	47
2.750	2.755		0.281		U	710041	#	3.189	3.194		0.437		S	• 480737	48
2.835	2.840		0.500		S	710045	VRS1	3.249	3.250		0.285		S	200763 <sup>B</sup>	200E
2.875	2.879		0.250		S	43034S	4S	3.251	3.256		0.250		S	40316S	4S
2.875	2.879		0.313		S	477710	47	3.251	3.256		0.375		S	• 452636	45
2.987	2.991		0.500		S	• 411452	41	<b>3.251</b>	<b>3.256</b>		<b>0.375</b>		<b>S</b>	<b>472636<sup>RC</sup></b>	<b>47</b>
2.996	3.001		0.437		S	• 411341	41	3.251	3.256		0.375		V	• 472636V	47
2.996	3.001		0.437		N	• 411341N	41	3.251	3.256		0.375		S	• 482636	48
2.996	3.001		0.437		S	• 451341	45	3.251	3.256		0.437		S	• 410614	41
<b>2.996</b>	<b>3.001</b>		<b>0.437</b>		<b>S</b>	<b>471341<sup>RC</sup></b>	<b>47</b>	3.251	3.256		0.437		N	• 410614N	41
2.996	3.001		0.437		N	471341N <sup>RC</sup>	47	3.251	3.256		0.437		S	• 450614	45
2.996	3.001		0.500		N	• 410441N	41	3.251	3.256		0.500		S	410316	41
2.996	3.001		0.500		S	450441 <sup>RC</sup>	45	3.251	3.256		0.500		S	450316 <sup>RC</sup>	45
2.996	3.001		0.500		N	• 450441N	45	3.251	3.256		0.500		N	• 450316N	45
2.996	3.001		0.500		S	• 470441	47	3.251	3.256		0.500		S	• 470316	47
2.996	3.001		0.500		V	• 470441V	47	3.251	3.256		0.500		S	• 480316	48
2.996	3.001		0.500		S	• 480441	48	3.251	3.256		0.500		S	• 480316N	48
3.000	3.005		0.250		S	40520S	4S	3.350	3.355		0.312		N	454136N <sup>RC</sup>	45
3.000	3.005		0.375		S	• 411272	41	<b>3.350</b>	<b>3.355</b>		<b>0.375</b>		<b>S</b>	<b>411253<sup>RC</sup></b>	<b>41</b>
3.000	3.005		0.375		S	• 451272	45	3.350	3.355		0.468		N	• 410099N	41
<b>3.000</b>	<b>3.005</b>		<b>0.375</b>		<b>S</b>	<b>471272<sup>RC</sup></b>	<b>47</b>	3.350	3.355		0.468		S	450099 <sup>RC</sup>	45
3.000	3.005		0.375		N	471272N <sup>RC</sup>	47	3.350	3.355		0.468		S	• 480099	48
3.000	3.005		0.375		V	471272V <sup>RC</sup>	47	3.350	3.355		0.500		S	• 456622	45
3.000	3.005		0.375		S	• 481272	48	<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>412920<sup>RC</sup></b>	<b>41</b>
3.000	3.005		0.375		N	• 481272N	48	3.371	3.376		0.375		V	412920V <sup>RC</sup>	41
3.000	3.005		0.375		V	712250 <sup>RC</sup>	47	3.371	3.376		0.375		S	442109 <sup>RC</sup>	44
3.000	3.005		0.500		S	410520 <sup>RC</sup>	41	3.371	3.376		0.375		S	• 452920	45
3.000	3.005		0.500		N	• 410520N	41	3.371	3.376		0.375		S	472920 <sup>RC</sup>	47
3.000	3.005		0.500		S	• 450520	45	3.371	3.376		0.375		S	• 482920	48
3.000	3.005		0.500		N	• 450520N	45	3.371	3.376		0.468		S	450132	45
3.000	3.005		0.500		S	• 470520	47	3.371	3.376		0.468		S	• 470132	47
3.000	3.005		0.500		N	• 470520N	47	3.371	3.376		0.468		S	• 480132	48
3.000	3.005		0.500		S	• 480520	48	3.371	3.376		0.468		N	• 480132N	48
3.000	3.060		0.290		S	• 200940 <sup>B</sup>	200E	3.372	3.382		0.475		S	370219A	12
<b>3.061</b>	<b>3.066</b>		<b>0.375</b>		<b>S</b>	<b>473473<sup>RC</sup></b>	<b>47</b>	3.443	3.447		0.250		S	41075S	4S
3.061	3.066		0.500		N	7937N	41	3.481	3.486		0.500		S	455136 <sup>RC</sup>	45
3.061	3.066		0.500		S	• 411234	41	<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>411376<sup>RC</sup></b>	<b>41</b>
3.061	3.066		0.500		N	• 411234N	41	3.500	3.505		0.375		S	• 471376	47
3.061	3.066		0.500		S	• 451234	45	3.500	3.505		0.438		V	418301	41
3.061	3.066		0.500		S	• 481234	48	3.500	3.505		0.500		S	• 415093	41
3.125	3.130		0.250		S	40433S	4S	3.500	3.505		0.500		N	• 415093N	41
3.125	3.130		0.375		S	• 411138	41	3.500	3.505		0.500		S	455093 <sup>RC</sup>	45
3.125	3.130		0.375		S	• 451138	45	3.500	3.505		0.500		S	• 475093	47
<b>3.125</b>	<b>3.130</b>		<b>0.375</b>		<b>S</b>	<b>471138<sup>RC</sup></b>	<b>47</b>	3.500	3.505		0.500		S	• 485093	48
3.125	3.130		0.375		S	• 481138	48	3.543	3.548		0.500		S	416270 <sup>RC</sup>	41
3.125	3.130		0.375		N	• 481138N	48	<b>3.623</b>	<b>3.628</b>		<b>0.468</b>		<b>S</b>	<b>415234<sup>RC</sup></b>	<b>41</b>
3.125	3.130		0.500		N	• 450433N	45	3.623	3.628		0.468		S	• 475234	47
								3.623	3.628		0.468		N	475234N <sup>RC</sup>	47

SIZE SECTION

<sup>B</sup>External Bore; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.250" (2-1/4") SHAFT (cont.)</b>							
3.623	3.628		0.468		S	• 485234	48
3.623	3.628		0.500		S	• 456792	45
<b>3.751</b>	<b>3.756</b>		<b>0.500</b>		<b>S</b>	<b>415259<sup>RC</sup></b>	<b>41</b>
3.751	3.756		0.500		S	• 455259	45
3.751	3.756		0.500		S	• 475259	47
3.751	3.756		0.500		S	• 485259	48
3.876	3.881		0.468		L	55337	5L
4.003	4.008		0.468		S	415254 <sup>RC</sup>	41
4.064	4.069		1.092		N	722250 <sup>RC</sup>	90
<b>2.252" SHAFT</b>							
			<b>0.313</b>			<b>99227</b>	<b>Redi-Sleeve</b>
			<b>0.781</b>			<b>99225</b>	<b>Redi-Sleeve</b>
<b>2.254" SHAFT</b>							
2.756	2.763		0.340		V	481191V <sup>RC,BI</sup>	48
<b>2.255" SHAFT</b>							
3.312	3.317		0.380		S	44052	4S
<b>2.272" SHAFT</b>							
2.654	2.661		0.250		T	39821	W
<b>58,00mm (2.283") SHAFT</b>							
			<b>0.787</b>			<b>99219</b>	<b>Redi-Sleeve</b>
70,00	70,10		7,00		N	710575	48
2.756	2.760		0.276				
70,00	70,20		8,00		N	710910 <sup>CCW</sup>	32
2.756	2.764		0.315				
73,00	73,10	77,00	8,50		S	710439	74
2.874	2.878	3.032	0.335				
74,00	74,20		10,00		S	710271 <sup>CCW</sup>	32
2.913	2.921		0.394				
2.921	2.929		0.315		N	710740 <sup>CW</sup>	32
75,00	75,28		9,00		S	225875	32
2.953	2.964		0.354				
75,00	75,31		7,00		S	710136	35
2.953	2.965		0.276				
76,00	76,10		6,50		S	710183	66
2.992	2.996		0.256				
76,00	76,23		7,80		S	710230	32
2.992	3.001		0.307				
78,00	78,20		10,00		S	710144 <sup>CCW</sup>	40
3.071	3.079		0.394				
78,00	78,50		10,00		V	710667 <sup>CCW</sup>	40
3.071	3.091		0.394				
3.155	3.159		0.375		S	493291 <sup>RC</sup>	49
3.201	3.209		0.492		V	710684 <sup>BI</sup>	69
103,00	103,20		11,00		N	710268 <sup>CCW</sup>	40
4.055	4.063		0.433				
<b>2.294" SHAFT</b>							
3.228	3.236		0.352		V	710623 <sup>CW</sup>	32
<b>2.296" SHAFT</b>							
3.148	3.153		0.359		S	204035	204
3.148	3.153		0.359		F	205035	205

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.300" SHAFT (cont.)</b>							
3.322	3.330	3.858	0.425		V	710902 <sup>CCW</sup>	79
<b>2.307" SHAFT</b>							
3.161	3.165		0.394		N	710756	40
<b>2.312" (2-5/16") SHAFT</b>							
			<b>0.781</b>			<b>99231</b>	<b>Redi-Sleeve</b>
3.000	3.004		0.375		S	4131 <sup>RC,7</sup>	287
3.000	3.005		0.250		S	442874	44
3.000	3.005		0.500		S	• 411160	41
3.000	3.005		0.500		V	411160V <sup>RC</sup>	41
3.000	3.005		0.500		N	• 451160N	45
<b>3.125</b>	<b>3.130</b>		<b>0.375</b>		<b>S</b>	<b>472150<sup>RC</sup></b>	<b>47</b>
3.125	3.130		0.375		N	• 472150N	47
3.125	3.130		0.375		V	• 472150V	47
3.125	3.130		0.500		S	• 410551	41
3.125	3.130		0.500		S	• 450551	45
<b>3.251</b>	<b>3.256</b>		<b>0.375</b>		<b>S</b>	<b>411394<sup>RC</sup></b>	<b>41</b>
3.251	3.256		0.375		S	• 471394	47
3.251	3.256		0.437		S	• 452152	45
3.251	3.256		0.500		S	• 410317	41
3.251	3.256		0.500		S	450317 <sup>RC</sup>	45
3.251	3.256		0.500		N	• 450317N	45
3.251	3.256		0.500		S	• 470317	47
3.313	3.318		0.375		L	5924	4L
3.350	3.355		0.375		S	410694 <sup>RC</sup>	41
3.350	3.355		0.468		N	• 410100N	41
3.371	3.376		0.468		S	450133 <sup>RC</sup>	45
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>416444<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.500		S	• 415094	41
3.500	3.505		0.500		N	• 455094N	45
3.543	3.548		0.500		S	• 455647	45
3.751	3.756		0.500		S	455321 <sup>RC</sup>	45
4.003	4.008		0.468		S	• 455267	45
<b>2.313" SHAFT</b>							
2.997	3.001		0.375		S	487523	48
3.061	3.066		0.313		S	487522	48
<b>59,00mm (2.323") SHAFT</b>							
75,00	75,11		10,00		S	710168 <sup>RC</sup>	47
2.953	2.957		0.394				
3.083	3.093		0.315		S	710231	32
80,00	80,20		12,00		N	710680 <sup>CW</sup>	40
3.150	3.157		0.472				
3.327	3.335		0.472		V	710943 <sup>BI</sup>	79
100,00	100,28		10,00		N	710121	56
3.937	3.948		0.394				
<b>2.324" SHAFT</b>							
3.541	3.546	4.018	0.591		V	710508 <sup>CW</sup>	86
<b>2.330" SHAFT</b>							
			<b>0.750</b>			<b>99233</b>	<b>Redi-Sleeve</b>
2.997	3.001		0.312		S	493637 <sup>RC</sup>	49
3.000	3.005		0.400		N	3945 <sup>RC,BI</sup>	48
<b>2.333" SHAFT</b>							
3.000	3.008		0.327		T	710607 <sup>CW</sup>	35



Size Section

RADIAL SHAFT SEALS

2.359" SHAFT (cont.)								2.375" (2-3/8") SHAFT (cont.)							
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
3.938	3.948		0.575		S	370199A <sup>16</sup>	11	3.125	3.130		0.500		N	• 410552N	41
<b>60,00mm (2.362") SHAFT</b>								3.125	3.130		0.500		N	• 450552N	45
			<b>0.370</b>			<b>99241</b>	<b>Redi-Sleeve</b>	3.125	3.130		0.500		S	• 470552	47
			<b>0.787</b>			<b>99235</b>	<b>Redi-Sleeve</b>	3.125	3.130		0.500		N	• 470552N	47
73,00	73,20		11,00		N	710468	32	3.125	3.130		0.500		S	• 480552	48
2.874	2.881		0.433					<b>3.189</b>	<b>3.194</b>		<b>0.375</b>		<b>S</b>	<b>473475<sup>RC</sup></b>	<b>47</b>
2.913	2.921		0.315		N	711026 <sup>BI</sup>	32	3.189	3.194		0.437		S	• 410320	41
75,00	75,16	86,00	5,80		S	710093	47	3.189	3.194		0.437		N	• 410320N	41
2.953	2.959	3.386	0.228					3.189	3.194		0.437		S	• 470320	47
75,00	75,20		8,00		N	710794	32	3.189	3.194		0.437		S	• 480320	48
2.953	2.961		0.315					<b>3.251</b>	<b>3.255</b>		<b>0.375</b>		<b>N</b>	<b>413246<sup>RC</sup></b>	<b>41</b>
78,00	78,28		8,00		N	226018	35	<b>3.251</b>	<b>3.256</b>		<b>0.375</b>		<b>S</b>	<b>413246<sup>RC</sup></b>	<b>41</b>
3.071	3.082		0.315					3.251	3.256		0.375		S	• 453246	45
80,00	80,20		8,00		S	710637	35	3.251	3.256		0.375		S	• 473246	47
3.150	3.157		0.315					3.251	3.256		0.375		S	• 483246	48
80,00	80,29		8,00		S	226020	35	3.251	3.256		0.375		N	483246N <sup>RC,CW</sup>	48
3.150	3.161		0.315					3.251	3.256		0.437		S	• 412038	41
82,00	82,20		12,00		H	712006 <sup>CCW</sup>	32	3.251	3.256		0.437		N	412038N <sup>RC</sup>	41
3.228	3.236		0.472					3.251	3.256		0.437		S	• 452038	45
86,00	86,10		7,00		S	710182	66	3.251	3.256		0.500		S	• 410574	41
3.386	3.390		0.276					3.251	3.256		0.500		N	• 410574N	41
90,00	90,35		8,00		N	710945 <sup>CW</sup>	32	3.251	3.256		0.500		N	• 450574N	45
3.543	3.557		0.315					3.251	3.256		0.500		N	470574N <sup>RC</sup>	47
4.496	4.504	4.902	0.433		V	710960 <sup>CW</sup>	74	3.251	3.256		0.500		S	• 480574	48
								3.252	3.256		0.500		H	480574H <sup>RC</sup>	48
<b>2.367" SHAFT</b>								3.350	3.355		0.250		S	40101S	4S
3.366	3.374		0.257		V	4539V <sup>RC,CW</sup>	75	3.350	3.355		0.250		S	442507	44
<b>2.375" (2-3/8") SHAFT</b>								3.350	3.355		0.312		S	• 454199	45
			<b>0.526</b>			<b>99240</b>	<b>Redi-Sleeve</b>	<b>3.350</b>	<b>3.355</b>		<b>0.375</b>		<b>S</b>	<b>412119<sup>RC</sup></b>	<b>41</b>
			<b>0.594</b>			<b>99238</b>	<b>Redi-Sleeve</b>	3.350	3.355		0.438		S	472856 <sup>RC</sup>	47
			<b>0.781</b>			<b>99236</b>	<b>Redi-Sleeve</b>	3.350	3.355		0.468		S	• 410101	41
			<b>0.781</b>			<b>99237</b>	<b>Redi-Sleeve</b>	3.350	3.355		0.468		N	410101N <sup>RC</sup>	41
2.996	3.001		0.500		S	470764 <sup>RC</sup>	47	3.350	3.355		0.468		S	• 410101S	41
3.000	3.005		0.250		S	41026S	4S	3.350	3.355		0.468		V	• 410101V	41
3.000	3.005		0.375		S	473573 <sup>RC</sup>	47	3.350	3.355		0.468		S	450101 <sup>RC</sup>	45
3.000	3.013		0.400		V	3393 <sup>CCW</sup>	32	3.350	3.355		0.468		N	• 450101N	45
<b>3.061</b>	<b>3.066</b>		<b>0.375</b>		<b>S</b>	<b>473474<sup>RC</sup></b>	<b>47</b>	3.350	3.355		0.468		S	• 470101	47
3.061	3.066		0.500		S	• 410988	41	3.350	3.355		0.468		N	• 470101N	47
3.061	3.066		0.500		N	• 410988N	41	3.350	3.355		0.468		S	• 480101	48
3.061	3.066		0.500		N	• 450988N	45	3.350	3.355		0.468		N	• 480101N	48
3.061	3.066		0.500		V	• 450988V	45	3.350	3.355		0.703		S	• 474198	47
3.061	3.066		0.500		S	• 470988	47	<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>413247<sup>RC</sup></b>	<b>41</b>
3.061	3.066		0.500		N	• 470988N	47	3.371	3.376		0.375		S	• 453247	45
3.061	3.066		0.500		S	• 480988	48	3.371	3.376		0.375		S	• 473247	47
3.061	3.066		0.500		H	480988H <sup>RC</sup>	48	3.371	3.376		0.375		S	• 483247	48
3.112	3.117		0.500		S	• 411178	41	3.371	3.376		0.468		S	• 410350	41
3.125	3.130		0.375		S	• 410565	41	3.371	3.376		0.468		S	450350	45
3.125	3.130		0.375		N	• 410565N	41	3.371	3.376		0.468		N	• 450350N	45
3.125	3.130		0.375		S	• 450565	45	3.371	3.376		0.468		S	• 470350	47
<b>3.125</b>	<b>3.130</b>		<b>0.375</b>		<b>S</b>	<b>470565<sup>RC</sup></b>	<b>47</b>	3.371	3.376		0.468		S	• 480350	48
3.125	3.130		0.375		V	• 470565V	47	3.471	3.616		0.290		S	200855 <sup>B</sup>	200E
3.125	3.130		0.375		S	• 480565	48	<b>3.481</b>	<b>3.486</b>		<b>0.437</b>		<b>S</b>	<b>410987<sup>RC</sup></b>	<b>41</b>
3.125	3.130		0.500		S	• 410552	41	3.481	3.486		0.437		S	470987	47
								3.481	3.486		0.500		S	• 410103	41
								3.481	3.486		0.500		S	450103 <sup>RC</sup>	45

SIZE SECTION

<sup>B</sup>External Bore; <sup>16</sup>Spindle Mount; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.375" (2-3/8") SHAFT (cont.)</b>							
3.483	3.488		0.500		N	410686N <sup>RC</sup>	41
3.483	3.488		0.500		S	450686 <sup>RC</sup>	45
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>416271<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.375		N	• 416271N	41
3.500	3.505		0.375		S	• 456271	45
3.500	3.505		0.375		V	• 456271V	45
3.500	3.505		0.375		S	• 476271	47
3.500	3.505		0.375		S	• 486271	48
3.500	3.505		0.500		N	• 415095N	41
3.500	3.505		0.500		S	• 475095	47
3.500	3.505		0.500		N	475095N <sup>RC</sup>	47
3.500	3.505		0.500		S	• 485095	48
3.500	3.505		0.703		S	• 415971	41
<b>3.543</b>	<b>3.548</b>		<b>0.375</b>		<b>S</b>	<b>412861<sup>RC</sup></b>	<b>41</b>
3.543	3.548		0.500		S	• 415248	41
3.543	3.548		0.500		N	415248N <sup>RC</sup>	41
3.543	3.548		0.500		S	• 455248	45
3.601	3.606		0.437		S	415857 <sup>RC</sup>	41
<b>3.623</b>	<b>3.628</b>		<b>0.375</b>		<b>S</b>	<b>410825<sup>RC</sup></b>	<b>41</b>
3.623	3.628		0.375		S	• 470825	47
3.623	3.628		0.468		N	• 415380N	41
3.623	3.628		0.468		S	• 455380	45
3.623	3.628		0.468		N	• 455380N	45
3.623	3.628		0.468		V	• 455380V	45
3.623	3.628		0.468		S	• 475380	47
3.623	3.628		0.468		N	475380N <sup>RC</sup>	47
3.623	3.628		0.500		S	• 456472	45
3.750	3.756		0.500		S	• 455728	45
<b>3.751</b>	<b>3.756</b>		<b>0.500</b>		<b>S</b>	<b>416071<sup>RC</sup></b>	<b>41</b>
3.875	3.881	4.250	1.060		N	711553 <sup>RC,BI</sup>	74
3.876	3.881		0.375		S	417480 <sup>RC</sup>	41
3.876	3.881		0.375		N	• 417480N	41
3.876	3.881		0.468		S	455860	45
4.064	4.069		1.092		N	712375 <sup>RC</sup>	90
4.330	4.335		0.500		N	• 416795N	41
4.376	4.381		0.625		S	• 455650	45
4.498	4.505	4.882	0.391		N	714512 <sup>RC,BI</sup>	87
4.500	4.504		1.060		N	710006 <sup>RC,CW</sup>	74
<b>2.378" SHAFT</b>							
3.150	3.157	3.385	0.402		V	710750 <sup>CW</sup>	87
<b>2.394" SHAFT</b>							
2.697	2.705	3.220	0.433		S	710430	#
<b>61,00mm (2.402") SHAFT</b>							
75,00	75,20		8,00		T	710850 <sup>CW</sup>	32
2.953	2.961		0.315				
75,00	75,20		8,00		N	711104 <sup>CW</sup>	32
2.953	2.961		0.315				
76,00	76,28		7,00		S	226150	#
2.992	3.003		0.276				
78,00	78,20		7,00		N	710572	47
3.071	3.079		0.276				
3.071	3.079		0.531		S	710528	35
88,00	88,00		7,00		S	710170	47
3.465	3.465		0.276				

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.420" SHAFT (cont.)</b>							
3.000	3.005		0.270		S	4160	281
<b>2.421" SHAFT</b>							
2.998	3.006	3.445	0.276		N	710625	90
<b>2.425" SHAFT</b>							
3.425	3.435	3.898	0.276		S	710584	74
<b>2.432" SHAFT</b>							
3.070	3.075		0.227		N	4019N <sup>BI</sup>	47
<b>2.433" SHAFT</b>							
3.061	3.066		0.453		S	710755	32
<b>2.437" (2-7/16") SHAFT</b>							
			<b>0.500</b>			<b>99242 Redi-Sleeve</b>	
			<b>0.781</b>			<b>99243 Redi-Sleeve</b>	
<b>3.125</b>	<b>3.130</b>		<b>0.375</b>		<b>S</b>	<b>471887<sup>RC</sup></b>	<b>47</b>
3.125	3.130		0.375		N	• 471887N	47
3.125	3.130		0.375		H	• 481887H	48
3.125	3.130		0.500		S	• 410525	41
3.125	3.130		0.500		S	• 450525	45
3.251	3.256		0.375		S	• 413477	41
<b>3.251</b>	<b>3.256</b>		<b>0.437</b>		<b>S</b>	<b>412040<sup>RC</sup></b>	<b>41</b>
3.251	3.256		0.500		S	• 410322	41
3.251	3.256		0.500		S	• 470322	47
<b>3.350</b>	<b>3.355</b>		<b>0.375</b>		<b>S</b>	<b>411500<sup>RC</sup></b>	<b>41</b>
3.350	3.355		0.468		S	• 410374	41
<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>413478<sup>RC</sup></b>	<b>41</b>
3.371	3.376		0.468		S	• 410324	41
3.371	3.376		0.468		S	• 450324	45
3.481	3.486		0.500		S	450104 <sup>RC</sup>	45
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>411245<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.500		S	• 415096	41
3.500	3.505		0.500		N	• 415096N	41
3.500	3.505		0.500		S	455096 <sup>RC</sup>	45
3.500	3.505		0.500		V	• 455096V	45
3.500	3.505		0.500		S	• 475096	47
3.543	3.548		0.375		S	417073 <sup>RC</sup>	41
3.623	3.628		0.468		S	• 476272	47
3.624	3.628		0.375		S	3210 <sup>RC</sup>	49
<b>2.438" SHAFT</b>							
3.500	3.505		0.438		V	458307	45
<b>62,00mm (2.441") SHAFT</b>							
			<b>0.500</b>			<b>99244 Redi-Sleeve</b>	
74,00	74,10	80,00	8,50		S	710392	90
2.913	2.917	3.150	0.335				
74,00	74,20		7,50		N	710876 <sup>CW</sup>	32
2.913	2.921		0.295				
74,00	74,20		8,40		N	711020 <sup>CW</sup>	#
2.913	2.921		0.331				
74,00	74,20		8,50		N	710955 <sup>CW</sup>	32
2.913	2.921		0.335				
75,00	75,20		8,00		N	710801 <sup>BI</sup>	32
2.953	2.961		0.315				

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>62,00mm (2.441") SHAFT (cont.)</b>								<b>2.500" (2-1/2") SHAFT (cont.)</b>							
78,00	78,10		7,00		S	710213	281	3.250	3.256		0.437		S	• 481509	48
3.071	3.075		0.276					3.251	3.256		0.312		S	442380	44
78,00	78,20		9,00		N	710576 <sup>BI</sup>	47	3.251	3.256		0.375		S	• 411271	41
3.071	3.079		0.354					3.251	3.256		0.375		S	• 451271	45
78,00	78,20		10,00		E	710906 <sup>CCW</sup>	32	<b>3.251</b>	<b>3.256</b>		<b>0.375</b>		<b>S</b>	<b>471271<sup>RC</sup></b>	<b>47</b>
3.071	3.079		0.394					3.251	3.256		0.375		V	471271V <sup>RC</sup>	47
80,00	80,28		10,00		S	711028	32	3.251	3.256		0.375		S	• 481271	48
3.150	3.161		0.394					3.251	3.256		0.500		S	410519 <sup>RC</sup>	41
81,00	81,13	90,00	7,50		S	710635	#	3.251	3.256		0.500		S	450519 <sup>RC</sup>	45
3.189	3.194	3.543	0.295					3.251	3.256		0.500		N	• 450519N	45
85,00	85,13		8,00		S	226285 <sup>RC</sup>	41	3.251	3.256		0.500		S	• 470519	47
<b>3.346</b>	<b>3.352</b>		<b>0.315</b>					3.251	3.256		0.500		S	• 470519N	47
3.346	3.352		0.315		S	• 414072	41	3.251	3.256		0.500		S	• 480519	48
<b>62,50mm (2.460") SHAFT</b>								3.251	3.256		0.500		N	• 480519N	48
90,00	90,20	97,50	12,00		T	710948 <sup>CCW</sup>	79	3.251	3.256		0.500		V	• 480519V	48
3.543	3.551	3.839	0.472					3.303	3.307	3.600	0.465		S	4250 <sup>RC,BI</sup>	74
<b>2.474" SHAFT</b>								<b>3.350</b>	<b>3.355</b>		<b>0.468</b>		<b>S</b>	<b>410496<sup>RC</sup></b>	<b>41</b>
3.543	3.548		0.285		S	6575S	200	3.350	3.355		0.468		S	• 470496	47
<b>63,00mm (2.480") SHAFT</b>								3.350	3.355		0.468		S	• 480496	48
82,00	82,20		10,00		E	710980 <sup>CW</sup>	32	3.350	3.355		0.468		N	• 480496N	48
3.228	3.236		0.394					3.371	3.376		0.375		S	• 410605	41
90,00	90,10		7,00		S	1935	47	3.371	3.376		0.375		S	• 450605	45
3.543	3.554		0.276					<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>470605<sup>RC</sup></b>	<b>47</b>
<b>2.492" SHAFT</b>								3.371	3.376		0.375		S	• 480605	48
	<b>0.781</b>					<b>99249</b>	<b>Redi-Sleeve</b>	3.371	3.376		0.468		N	• 410330N	41
<b>2.496" SHAFT</b>								3.371	3.376		0.468		S	• 450330	45
3.245	3.248		0.485		S	5109	#	3.371	3.376		0.468		S	• 470330	47
3.672	3.772		0.315		S	200851 <sup>B</sup>	200E	3.371	3.376		0.468		N	• 470330N	47
<b>2.500" (2-1/2") SHAFT</b>								3.371	3.376		0.468		S	• 480330	48
			<b>0.555</b>			<b>99253</b>	<b>Redi-Sleeve</b>	3.428	3.433		0.375		S	473274 <sup>RC</sup>	47
3.000	3.005		0.250		L	40555	4L	3.428	3.433		0.375		N	473274N <sup>RC</sup>	47
3.000	3.005		0.250		S	40555S	4S	3.438	3.442		0.313		F	5M89	#
3.000	3.005		0.281		S	797732	#	3.499	3.505		0.500		V	3894V	48
3.000	3.005		0.313		U	710027	#	3.500	3.504		0.450		N	714670 <sup>RC,CCW</sup>	47
3.000	3.005		0.375		U	710034	#	3.500	3.505		0.250		S	444042	44
3.125	3.130		0.250		S	43290S	4S	3.500	3.505		0.375		N	• 415345N	41
3.130	3.135		0.315		T	39803 <sup>CW</sup>	FW-H	3.500	3.505		0.375		V	• 415345V	41
79,50	79,70		8,00		T	711131 <sup>CW</sup>	#	<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>415449<sup>RC</sup></b>	<b>41</b>
3.130	3.138		0.315					3.500	3.505		0.375		S	• 415449N	41
3.148	3.154		0.250		S	40337S	4S	3.500	3.505		0.375		V	415449V <sup>RC</sup>	41
3.150	3.155		0.315		N	473476 <sup>RC,CW</sup>	47	3.500	3.505		0.375		S	• 475449	47
<b>3.189</b>	<b>3.194</b>		<b>0.375</b>		<b>S</b>	<b>472029<sup>RC</sup></b>	<b>47</b>	3.500	3.505		0.375		V	477723	47
3.189	3.194		0.375		S	• 482029	48	3.500	3.505		0.375		S	• 485449	48
3.189	3.194		0.437		S	• 450323	45	3.500	3.505		0.375		S	• 485449	48
3.189	3.194		0.437		V	• 450323V	45	3.500	3.505		0.500		H	7581H <sup>7</sup>	48
3.226	3.231		0.190		S	3942 <sup>RC,7</sup>	284	3.500	3.505		0.500		S	415147 <sup>RC</sup>	41
3.247	3.252		0.500		S	410752 <sup>RC</sup>	41	3.500	3.505		0.500		N	415147N <sup>RC</sup>	41
3.250	3.256		0.437		N	• 411509N	41	3.500	3.505		0.500		S	455147 <sup>RC</sup>	45
3.250	3.256		0.437		S	• 451509	45	3.500	3.505		0.500		N	• 455147N	45
3.250	3.256		0.437		S	• 471509	47	3.500	3.505		0.500		S	• 475147	47
3.250	3.256		0.437		V	• 471509V	47	3.500	3.505		0.500		N	• 475147N	47
								3.500	3.505		0.500		S	• 485147	48
								<b>3.543</b>	<b>3.548</b>		<b>0.500</b>		<b>S</b>	<b>415001<sup>RC</sup></b>	<b>41</b>
								3.543	3.548		0.500		N	415001N <sup>RC</sup>	41
								3.543	3.548		0.500		S	455001 <sup>RC</sup>	45

SIZE SECTION

<sup>7</sup>Flanged O.D.; <sup>8</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.500" (2-1/2") SHAFT (cont.)</b>							
3.543	3.548		0.500		N	• 475001N	47
3.543	3.548		0.500		S	• 485001	48
<b>3.623</b>	<b>3.628</b>		<b>0.375</b>		<b>S</b>	<b>416273<sup>RC</sup></b>	<b>41</b>
3.623	3.628		0.375		V	416273V <sup>RC</sup>	47
3.623	3.628		0.375		S	• 456273	45
3.623	3.628		0.375		S	• 476273	47
3.623	3.628		0.375		S	• 486273	48
3.623	3.628		0.468		S	• 415369	41
3.623	3.628		0.468		N	• 415369N	41
3.623	3.628		0.468		S	• 475369	47
3.623	3.628		0.468		N	• 475369N	47
3.623	3.628		0.468		S	• 485369	48
3.751	3.756		0.500		S	• 415079	41
<b>3.751</b>	<b>3.756</b>		<b>0.500</b>		<b>S</b>	<b>455079<sup>RC</sup></b>	<b>45</b>
3.751	3.756		0.500		V	• 455079V	45
3.751	3.756		0.500		S	• 475079	47
3.751	3.756		0.500		S	• 485079	48
<b>3.876</b>	<b>3.881</b>		<b>0.468</b>		<b>S</b>	<b>415082<sup>RC</sup></b>	<b>41</b>
3.876	3.881		0.468		N	415082N <sup>RC</sup>	41
3.876	3.881		0.468		S	• 475082	47
3.876	3.881		0.468		S	• 485082	48
4.003	4.008		0.375		V	477711	47
4.003	4.008		0.468		S	• 415655	41
<b>4.003</b>	<b>4.008</b>		<b>0.468</b>		<b>S</b>	<b>455655<sup>RC</sup></b>	<b>45</b>
4.003	4.008		0.468		S	• 475655	47
4.003	4.008		0.468		S	• 485655	48
4.035	4.040		0.419		V	4525V	72
4.035	4.042	4.331	0.492		V	100727	74
4.035	4.043	4.311	0.453		V	710577	87
4.250	4.260		0.500		S	355732	35
4.500	6.125		0.400		S	7512SSO	51
4.938	4.943		0.500		N	3136N <sup>RC,BI</sup>	47
<b>2.503" SHAFT</b>							
			<b>0.500</b>			<b>99248 Redi-Sleeve</b>	
			<b>0.781</b>			<b>99250 Redi-Sleeve</b>	
3.428	3.439		0.709		V	4561V <sup>CCW</sup>	#
3.628	3.633	4.125	0.500		V	4624V <sup>RC</sup>	86
<b>2.507" SHAFT</b>							
3.265	3.273		0.354		V	710852	32
<b>2.512" SHAFT</b>							
			<b>0.781</b>			<b>99251 Redi-Sleeve</b>	
3.506	3.510		0.290		S	8975S <sup>RC</sup>	49
<b>64,00mm (2.520") SHAFT</b>							
75,00	75,20		8,00		N	710774 <sup>BI</sup>	32
2.953	2.961		0.315				
77,00	77,20		8,00		S	710130	56
3.031	3.039		0.315				
79,00	79,20		8,00		N	710708 <sup>BI</sup>	32
3.110	3.118		0.315				
3.602	3.610		0.404		T	711004 <sup>CW</sup>	#
5.217	5.224		0.512		N	710277	32
<b>2.539" SHAFT</b>							
3.504	3.512		0.374		V	710878 <sup>CW</sup>	40

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.556" SHAFT (cont.)</b>							
3.143	3.146		0.315		V	710672 <sup>CCW</sup>	32
3.937	3.942		0.375		S	476514 <sup>RC</sup>	47
<b>65,00mm (2.559") SHAFT</b>							
			<b>0.787</b>			<b>99254 Redi-Sleeve</b>	
79,00	79,20		20,00		V	710785 <sup>CW</sup>	32
3.110	3.118		0.787				
80,00	80,20		8,00		S	710962	32
3.150	3.157		0.315				
81,00	81,28		7,00		N	226510 <sup>CW</sup>	32
3.189	3.200		0.276				
82,00	82,20	95,00	7,00		S	710094	66
3.228	3.236	3.740	0.276				
84,00	84,30		9,00		H	712005 <sup>CW</sup>	32
3.307	3.319		0.354				
85,00	85,10		10,00		S	710373	47
3.346	3.350		0.394				
85,00	85,27		10,00		S	226520	35
3.346	3.357		0.394				
88,00	88,20		10,00		T	710610 <sup>CCW</sup>	32
3.465	3.472		0.394				
90,00	90,28		10,00		S	226530	35
3.543	3.554		0.394				
<b>65,00mm (2.560") SHAFT</b>							
107,00	107,20		10,00		V	711047	40
4.213	4.220		0.394				
<b>2.562" (2-9/16") SHAFT</b>							
3.090	3.095		0.375		S	5123 <sup>RC</sup>	280
3.371	3.376		0.468		S	• 470961	47
<b>3.481</b>	<b>3.486</b>		<b>0.375</b>		<b>S</b>	<b>413479<sup>RC</sup></b>	<b>41</b>
3.481	3.486		0.500		S	• 450904	45
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>415302<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.500		S	• 415098	41
3.500	3.505		0.500		N	415098N	41
3.500	3.505		0.500		N	• 455098N	45
3.500	3.505		0.500		S	• 475098	47
3.543	3.548		0.500		S	455311 <sup>RC</sup>	45
<b>3.623</b>	<b>3.628</b>		<b>0.375</b>		<b>S</b>	<b>415988<sup>RC</sup></b>	<b>41</b>
3.623	3.628		0.468		S	• 415002	41
3.623	3.628		0.468		S	• 475002	47
3.623	3.628		0.468		N	• 475002N	47
3.623	3.628		0.468		S	• 485002	48
3.623	3.628		0.500		S	• 456619	45
3.624	3.629		0.703		S	• 415972	41
3.727	3.777		0.490		S	9943 <sup>B</sup>	#
<b>3.750</b>	<b>3.756</b>		<b>0.375</b>		<b>S</b>	<b>417481<sup>RC</sup></b>	<b>41</b>
3.751	3.756		0.500		S	• 415244	41
3.751	3.756		0.500		N	• 415244N	41
3.751	3.756		0.500		N	• 455244N	45
3.876	3.881		0.468		S	455280 <sup>RC</sup>	45
<b>2.563" SHAFT</b>							
			<b>0.781</b>			<b>99256 Redi-Sleeve</b>	
<b>66,00mm (2.598") SHAFT</b>							
			<b>0.781</b>			<b>99259 Redi-Sleeve</b>	

Size Section

RADIAL SHAFT SEALS

66,00mm (2.598") SHAFT (cont.)							2.625" (2-5/8") SHAFT (cont.)								
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
80,00	80,11		9,00		N	226610	41	3.543	3.548		0.500		N	• 411475N	41
3.150	3.154		0.354					3.543	3.548		0.500		S	• 451475	45
85,00	85,12		8,00		S	710092 <sup>RC</sup>	41	3.543	3.548		0.500		S	• 471475	47
3.346	3.351		0.315					3.543	3.548		0.500		S	• 481475	48
3.481	3.486		0.500		S	411330 <sup>RC</sup>	41	3.620	3.626	3.978	0.394		S	127592	87
3.481	3.486		0.500		N	411330N <sup>RC</sup>	41	<b>3.623</b>	<b>3.628</b>		<b>0.375</b>		<b>S</b>	<b>415458<sup>RC</sup></b>	<b>41</b>
3.999	4.004	4.600	0.730		S	712598 <sup>RC</sup>	47	3.623	3.628		0.375		V	415458V <sup>RC</sup>	41
4.000	4.005		0.500		S	477069 <sup>RC</sup>	47	3.623	3.628		0.375		S	• 455458	45
134,00	134,20		15,50		S	710055	32	3.623	3.628		0.375		S	475458 <sup>RC</sup>	47
5.276	5.283		0.610					3.623	3.628		0.375		V	• 475458V	47
<b>2.609" SHAFT</b>							<b>2.625" (2-5/8") SHAFT</b>								
3.350	3.355		0.375		S	• 450725	45	3.623	3.628		0.375		S	• 485458	48
3.350	3.355		0.375		N	• 450725N	45	3.623	3.628		0.468		S	415003 <sup>RC</sup>	41
<b>2.621" SHAFT</b>							<b>2.625" (2-5/8") SHAFT</b>								
			<b>0.781</b>			<b>99261</b>	<b>Redi-Sleeve</b>	3.623	3.628		0.468		N	• 415003N	41
			<b>0.500</b>			<b>99260</b>	<b>Redi-Sleeve</b>	3.623	3.628		0.468		N	475003N <sup>RC</sup>	47
			<b>0.781</b>			<b>99262</b>	<b>Redi-Sleeve</b>	3.623	3.629		0.500		S	• 455911	45
			<b>0.781</b>			<b>99264</b>	<b>Redi-Sleeve</b>	3.695	3.700		0.500		H	3813 <sup>RC</sup>	64
3.251	3.256		0.437		N	411143N <sup>RC</sup>	41	3.696	3.700		0.500		T	41163T <sup>CW</sup>	FW-H
3.251	3.256		0.437		S	451143 <sup>RC</sup>	45	<b>3.751</b>	<b>3.756</b>		<b>0.375</b>		<b>S</b>	<b>417343<sup>RC</sup></b>	<b>41</b>
<b>3.350</b>	<b>3.355</b>		<b>0.375</b>		<b>S</b>	<b>412871<sup>RC</sup></b>	<b>41</b>	3.751	3.756		0.375		S	• 457343	45
3.350	3.356		0.468		S	450329 <sup>RC</sup>	45	3.751	3.756		0.375		S	• 477343	47
3.350	3.356		0.468		S	• 480329	48	3.751	3.756		0.375		S	• 487343	48
3.350	3.356		0.468		N	• 480329N	48	3.751	3.756		0.438		V	418309	41
3.350	3.356		0.468		S	• 480329RCY	48	3.751	3.756		0.500		S	• 415149	41
3.351	3.356		0.500		S	• 452624	45	3.751	3.756		0.500		V	• 415149V	41
<b>3.371</b>	<b>3.376</b>		<b>0.375</b>		<b>S</b>	<b>413248<sup>RC</sup></b>	<b>41</b>	3.751	3.756		0.500		S	• 455149	45
3.371	3.376		0.375		N	• 413248N	41	3.751	3.756		0.500		S	• 475149	47
3.371	3.376		0.375		V	• 413248V	41	3.751	3.756		0.500		N	• 475149N	47
3.371	3.376		0.375		S	• 453248	45	3.751	3.756		0.500		S	• 485149	48
3.371	3.376		0.375		S	• 473248	47	3.813	3.818		0.415		S	200392	200
3.371	3.376		0.375		S	• 483248	48	3.876	3.881		0.437		S	• 417483	41
3.371	3.376		0.468		S	• 410626	41	<b>3.876</b>	<b>3.881</b>		<b>0.468</b>		<b>S</b>	<b>415007<sup>RC</sup></b>	<b>41</b>
3.371	3.376		0.468		N	• 410626N	41	3.876	3.881		0.468		S	• 475007	47
3.371	3.376		0.468		S	• 480626	48	3.876	3.881		0.468		S	• 485007	48
3.374	3.379		0.468		S	410708 <sup>RC</sup>	41	<b>4.003</b>	<b>4.008</b>		<b>0.375</b>		<b>S</b>	<b>417082<sup>RC</sup></b>	<b>41</b>
3.481	3.486		0.500		S	450412 <sup>RC</sup>	45	4.003	4.008		0.375		S	• 487082	48
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>415483<sup>RC</sup></b>	<b>41</b>	4.003	4.008		0.468		S	• 415296	41
3.500	3.505		0.375		S	• 455483	45	4.003	4.008		0.468		N	• 415296N	41
3.500	3.505		0.375		S	• 475483	47	4.003	4.008		0.468		S	• 455296	45
3.500	3.505		0.375		S	• 485483	48	4.003	4.008		0.468		S	• 475296	47
3.500	3.505		0.375		V	487520	48	4.003	4.008		0.468		S	• 485296	48
3.500	3.505		0.500		S	• 415368	41	4.064	4.069		0.960		N	712625 <sup>RC</sup>	90
3.500	3.505		0.500		N	• 415368N	41	4.249	4.254		0.468		S	416278 <sup>RC</sup>	41
3.500	3.505		0.500		S	455368 <sup>RC</sup>	45	4.370	4.375		0.438		S	418307	41
3.500	3.505		0.500		N	• 455368N	45	4.376	4.381		0.500		V	• 477586V	47
3.500	3.505		0.500		S	• 475368	47	<b>4.437</b>	<b>4.441</b>		<b>0.437</b>		<b>S</b>	<b>418027<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.500		N	475368N	47	4.564	4.568	4.987	0.718		N	9773 <sup>RC</sup>	74
3.500	3.505		0.500		S	• 485368	48	<b>2.630" SHAFT</b>							
<b>3.543</b>	<b>3.548</b>		<b>0.375</b>		<b>S</b>	<b>417079<sup>RC</sup></b>	<b>41</b>	3.240	3.245		0.215		S	5111S	#
3.543	3.548		0.500		S	• 411475	41	<b>2.634" SHAFT</b>							
							3.937 3.942 0.375 S • 487658 48								
							<b>2.638" SHAFT</b>								
							3.945 3.965 0.543 S 710519 40								

SIZE SECTION

<sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.648" SHAFT (cont.)</b>							
3.812	3.817		0.500		S	486857	48
<b>2.667" SHAFT</b>							
3.751	3.756		0.500		L	7780N	4L
<b>68,00mm (2.677") SHAFT</b>							
			<b>0.750</b>			<b>99266 Redi-Sleeve</b>	
84,00	84,23		8,50		N	710234 <sup>CCW</sup>	32
3.307	3.316		0.335				
86,00	86,20		8,00		N	710334 <sup>CCW</sup>	32
3.386	3.394		0.315				
88,00	88,20		8,00		S	710446 <sup>CW</sup>	35
3.465	3.472		0.315				
89,00	89,20		11,00		V	712511 <sup>CW</sup>	32
3.504	3.512		0.433				
108,90	109,10	114,50	14,00		V	711076 <sup>CCW</sup>	87
4.287	4.295	4.508	0.551				
124,00	124,10		11,50		N	710275 <sup>CW</sup>	40
4.882	4.886		0.453				
<b>2.687" (2-11/16") SHAFT</b>							
3.500	3.505		0.500		S	455434 <sup>RC</sup>	45
<b>3.751</b>	<b>3.756</b>		<b>0.500</b>		<b>S</b>	<b>455151<sup>RC</sup></b>	<b>45</b>
3.751	3.756		0.500		S	• 485151	48
3.876	3.876		0.250		S	365008 <sup>B</sup>	36
3.876	3.881		0.468		S	455008 <sup>RC</sup>	45
<b>2.688" SHAFT</b>							
3.500	3.504		0.219		F	5MR1008	#
<b>2.700" SHAFT</b>							
3.499	3.504	3.704	0.310		S	710091 <sup>RC</sup>	272
<b>69,00mm (2.717") SHAFT</b>							
86,00	86,20	100,00	7,00		N	710570	62
3.386	3.394	3.934	0.276				
90,00	90,20		8,00		V	710742 <sup>Bl</sup>	32
3.543	3.511		0.315				
<b>2.743" SHAFT</b>							
			<b>0.781</b>			<b>99273 Redi-Sleeve</b>	
<b>2.748" SHAFT</b>							
			<b>0.781</b>			<b>99274 Redi-Sleeve</b>	
			<b>1.438</b>			<b>99267 Redi-Sleeve</b>	
3.543	3.555		0.591		N	4874N <sup>CCW</sup>	#
3.876	3.886		0.552		V	4564V <sup>CW</sup>	#
5.500	5.512		0.850		N	4876N <sup>CW</sup>	#
<b>2.750" (2-3/4") SHAFT</b>							
3.125	3.130		0.187		S	310841	31
3.250	3.255		0.312		U	710038	#
3.250	3.310		0.281		S	797740	#
3.481	3.486		0.500		S	480491 <sup>RC</sup>	48
<b>3.500</b>	<b>3.505</b>		<b>0.375</b>		<b>S</b>	<b>416664<sup>RC</sup></b>	<b>41</b>
3.500	3.505		0.375		V	416664V <sup>RC</sup>	41
3.500	3.505		0.375		S	• 456664	45
3.500	3.505		0.375		S	• 476664	47

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>2.750" (2-3/4") SHAFT (cont.)</b>							
3.500	3.505		0.375		S	• 486664	48
3.500	3.505		0.500		S	• 415364	41
3.500	3.505		0.500		S	455364 <sup>RC</sup>	45
3.500	3.505		0.500		N	• 455364N	45
3.500	3.505		0.500		S	• 475364	47
3.500	3.505		0.500		S	• 485364	48
3.500	3.505		0.500		N	485364N <sup>RC</sup>	48
3.501	3.505		0.250		S	45827S	4S
3.538	3.543		0.500		S	• 455872	45
3.538	3.543		0.500		V	• 455872V	45
3.543	3.548		0.375		S	417484 <sup>RC</sup>	41
<b>3.543</b>	<b>3.548</b>		<b>0.375</b>		<b>N</b>	<b>417484N<sup>RC</sup></b>	<b>41</b>
3.543	3.548		0.500		S	455322 <sup>RC</sup>	45
3.543	3.548		0.500		N	455322N <sup>RC</sup>	45
3.543	3.548		0.500		V	455322V <sup>RC</sup>	45
3.543	3.548		0.500		S	• 475322	47
<b>3.543</b>	<b>3.548</b>		<b>0.500</b>		<b>N</b>	<b>475322N<sup>RC</sup></b>	<b>47</b>
3.543	3.548		0.500		S	• 485322	48
<b>3.623</b>	<b>3.628</b>		<b>0.375</b>		<b>S</b>	<b>415984<sup>RC</sup></b>	<b>41</b>
3.623	3.628		0.375		S	• 455984	45
3.623	3.628		0.375		S	• 475984	47
3.623	3.628		0.375		N	• 475984N	47
3.623	3.628		0.375		S	• 485984	48
3.623	3.628		0.468		S	• 415315	41
3.623	3.628		0.468		N	• 415315N	41
3.623	3.628		0.468		N	• 455315N	45
3.623	3.628		0.468		V	• 455315V	45
3.623	3.628		0.468		S	• 475315	47
3.623	3.628		0.468		S	• 485315	48
3.623	3.628		0.500		S	• 456876	45
3.751	3.756		0.250		S	46997S	4S
<b>3.751</b>	<b>3.756</b>		<b>0.375</b>		<b>S</b>	<b>417316<sup>RC</sup></b>	<b>41</b>
3.751	3.756		0.375		N	• 417316N	41
3.751	3.756		0.375		S	• 457316	45
3.751	3.756		0.375		S	• 477316	47
3.751	3.756		0.375		S	• 487316	48
3.751	3.756		0.437		S	• 415733	41
3.751	3.756		0.437		S	• 475733	47
3.751	3.756		0.500		S	415004 <sup>RC</sup>	41
3.751	3.756		0.500		N	• 415004N	41
3.751	3.756		0.500		V	415004V <sup>RC</sup>	41
3.751	3.756		0.500		S	455004 <sup>RC</sup>	45
3.751	3.756		0.500		N	• 455004N	45
3.751	3.756		0.500		S	• 475004	47
3.751	3.756		0.500		H	475004H	47
3.751	3.756		0.500		N	• 475004N	47
3.751	3.756		0.500		S	• 485004	48
3.773	3.781	4.030	0.435		S	2222 <sup>RC</sup>	286
3.779	3.792		0.767		S	370352A	11
<b>3.876</b>	<b>3.881</b>		<b>0.375</b>		<b>S</b>	<b>415960<sup>RC</sup></b>	<b>41</b>
3.876	3.881		0.375		S	• 455960	45
3.876	3.881		0.375		S	• 485960	48
3.876	3.881		0.468		S	415009 <sup>RC</sup>	41
<b>3.876</b>	<b>3.881</b>		<b>0.468</b>		<b>N</b>	<b>415009N<sup>RC</sup></b>	<b>41</b>
3.876	3.881		0.468		S	455009 <sup>RC</sup>	45



Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.750" (2-3/4") SHAFT (cont.)</b>							
3.876	3.881		0.468		N	• 455009N	45
3.876	3.881		0.468		S	• 475009	47
3.876	3.881		0.468		N	475009N <sup>RC</sup>	47
3.876	3.881		0.468		S	• 485009	48
3.876	3.882		0.500		S	• 455719	45
3.935	3.940		0.500		S	55469	5L
3.937	3.942		0.500		N	476574N <sup>RC</sup>	47
<b>4.003</b>	<b>4.008</b>		<b>0.375</b>		<b>S</b>	<b>416706<sup>RC</sup></b>	<b>41</b>
4.003	4.008		0.375		N	• 416706N	41
4.003	4.008		0.375		N	• 476706N	47
4.003	4.008		0.375		V	477735	47
4.003	4.008		0.468		S	415272	41
4.003	4.008		0.468		N	415272N <sup>RC</sup>	41
4.003	4.008		0.468		S	455272	45
4.003	4.008		0.468		S	• 475272	47
4.003	4.008		0.468		N	• 475272N	47
4.003	4.008		0.468		S	• 485272	48
4.125	4.130		0.437		N	• 487678RRR	48
4.125	4.130		0.562		N	• 456281N	45
4.125	4.130		0.562		S	476281 <sup>RC</sup>	47
4.125	4.130		0.562		N	• 476281N	47
4.125	4.130		0.562		N	• 486281N	48
4.125	4.130		0.562		V	• 486281V	48
<b>4.249</b>	<b>4.254</b>		<b>0.468</b>		<b>S</b>	<b>416282<sup>RC</sup></b>	<b>41</b>
4.249	4.254		0.468		S	• 456282	45
4.249	4.254		0.468		S	• 476282	47
4.249	4.254		0.500		S	• 416283	41
4.249	4.254		0.500		S	• 476283	47
4.249	4.254		0.500		N	476283N <sup>RC</sup>	47
4.249	4.254		0.625		S	• 415101	41
4.331	4.336		0.500		S	• 416961	41
4.331	4.336		0.500		N	• 416961N	41
4.375	4.380		0.625		N	• 487384N	48
4.500	4.505		0.468		S	454088 <sup>RC</sup>	45
4.626	4.631		0.625		N	• 475139N	47
4.999	5.004		0.468		L	55238	5L
5.500	5.506		0.500		N	417986N <sup>RC</sup>	41
5.501	5.506		1.266		N	3591 <sup>RC</sup>	90
<b>2.751" SHAFT</b>							
3.751	3.756		0.375		V	417316V <sup>RC</sup>	41
<b>70,00mm (2.756") SHAFT</b>							
			<b>0.406</b>			<b>99272 Redi-Sleeve</b>	
			<b>0.781</b>			<b>99275 Redi-Sleeve</b>	
			<b>0.787</b>			<b>99276 Redi-Sleeve</b>	
			<b>1.125</b>			<b>99269 Redi-Sleeve</b>	
87,00	87,40		8,50		V	1021V <sup>CCW</sup>	32
3.425	3.441		0.335				
88,00	88,25		12,00		H	227020 <sup>CCW</sup>	32
3.465	3.474		0.472				
90,00	90,32		10,00		N	227040 <sup>RC,CCW</sup>	35
3.543	3.554		0.394				
90,00	94,20		10,50		S	710456	48
3.543	3.709		0.409				

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>70,00mm (2.756") SHAFT (cont.)</b>							
92,00	92,23		12,00		H	227045 <sup>RC,CCW</sup>	47
3.622	3.631		0.472				
4.000	4.009		0.469		T	40392 <sup>RC,CCW</sup>	FW-H
112,00	112,10		10,00		S	710763	40
4.409	4.413		0.394				
<b>2.812" (2-13/16") SHAFT</b>							
			<b>0.594</b>			<b>99281 Redi-Sleeve</b>	
3.751	3.756		0.500		S	455005 <sup>RC</sup>	45
3.751	3.756		0.500		N	• 455005N	45
3.876	3.881		0.437		S	417485 <sup>RC</sup>	41
4.003	4.008		0.468		S	• 455384	45
<b>4.003</b>	<b>4.008</b>		<b>0.468</b>		<b>S</b>	<b>475384<sup>RC</sup></b>	<b>47</b>
4.249	4.254		0.468		S	411348 <sup>RC</sup>	41
<b>71,00mm (2.815") SHAFT</b>							
85,00	85,20		10,00		N	710554 <sup>CW</sup>	32
2.795	3.354		0.394				
<b>2.832" SHAFT</b>							
3.625	3.635		0.375		V	710075 <sup>CCW</sup>	32
<b>72,00mm (2.835") SHAFT</b>							
			<b>0.750</b>			<b>99284 Redi-Sleeve</b>	
88,00	88,25		8,00		S	1986	48
3.465	3.474		0.315				
96,00	96,28		9,00		V	227235 <sup>CCW</sup>	32
3.780	3.791		0.354				
<b>2.843" (2-27/32") SHAFT</b>							
			<b>0.500</b>			<b>99282 Redi-Sleeve</b>	
3.939	3.944		0.495		S	2081 <sup>RC,BI</sup>	41
4.003	4.008		0.500		V	456837V	45
4.501	4.506		0.375		S	• 456111	45
<b>2.847" SHAFT</b>							
3.937	3.942	4.232	0.614		N	710568 <sup>BI</sup>	#
<b>2.854" SHAFT</b>							
3.878	3.888	4.173	0.433		V	710564 <sup>BI</sup>	74
4.252	4.262		0.740		N	710563 <sup>BI</sup>	47
<b>2.856" SHAFT</b>							
3.525	3.537		0.252		S	710573	62
<b>2.869" SHAFT</b>							
			<b>0.781</b>			<b>99286 Redi-Sleeve</b>	
<b>2.870" SHAFT</b>							
3.876	3.881		0.354		V	710586 <sup>BI</sup>	56
<b>73,00mm (2.874") SHAFT</b>							
			<b>0.781</b>			<b>99287 Redi-Sleeve</b>	
90,00	90,12		8,00		S	474230	47
3.543	3.548		0.315				
4.448	4.470		0.827		N	710493	#
4.448	4.470	0.827	1.163		N	710494	#
<b>2.875" (2-7/8") SHAFT</b>							
<b>3.623</b>	<b>3.628</b>		<b>0.375</b>		<b>S</b>	<b>415303<sup>RC</sup></b>	<b>41</b>

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order



Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.875" (2-7/8") SHAFT (cont.)</b>							
3.623	3.628		0.375		S	• 455303	45
3.623	3.628		0.375		S	• 475303	47
3.623	3.628		0.375		S	• 485303	48
3.623	3.628		0.375		N	• 485303N	48
3.623	3.628		0.468		S	• 416275	41
3.623	3.628		0.468		N	• 416275N	41
3.623	3.628		0.468		S	• 455250	45
3.623	3.628		0.468		N	• 455250N	45
3.623	3.628		0.500		H	3783 <sup>RC</sup>	65
3.623	3.628		0.500		T	39802 <sup>CW</sup>	FW-H
3.740	3.746		0.551		V	• 488020V	48
3.750	3.755		0.500		T	41536 <sup>RC,CW</sup>	PDW
3.750	3.755		0.500		T	41537 <sup>RC,CCW</sup>	PDW
<b>3.751</b>	<b>3.756</b>		<b>0.375</b>		<b>S</b>	<b>417344<sup>RC</sup></b>	<b>41</b>
3.751	3.756		0.375		S	• 457344	45
3.751	3.756		0.375		S	• 477344	47
3.751	3.756		0.375		V	• 477344V	47
3.751	3.756		0.375		S	• 487344	48
3.751	3.756		0.375		V	• 487344V	48
3.751	3.756		0.500		S	455006 <sup>RC</sup>	45
3.751	3.756		0.500		N	455006N <sup>RC</sup>	45
3.751	3.756		0.500		S	• 475006	47
3.751	3.756		0.500		N	• 475006N	47
3.751	3.756		0.500		S	• 485006	48
3.875	3.880		0.414		S	370450A <sup>RC</sup>	06
3.875	3.880	4.200	0.515		S	9864S <sup>RC</sup>	57
3.875	3.885		0.700		S	370150A	07
<b>3.876</b>	<b>3.881</b>		<b>0.375</b>		<b>S</b>	<b>417158<sup>RC</sup></b>	<b>41</b>
3.876	3.881		0.375		S	• 457158	45
3.876	3.881		0.375		S	• 477158	47
3.876	3.881		0.375		V	• 477158V	47
3.876	3.881		0.375		S	• 487158	48
3.876	3.881		0.468		S	• 415355	41
3.876	3.881		0.468		N	• 415355N	41
3.876	3.881		0.468		S	455355 <sup>RC</sup>	45
3.876	3.881		0.468		S	• 475355	47
3.876	3.881		0.468		S	• 485355	48
4.003	4.008		0.250		S	43086S	4S
<b>4.003</b>	<b>4.008</b>		<b>0.375</b>		<b>S</b>	<b>416921<sup>RC</sup></b>	<b>41</b>
4.003	4.008		0.375		S	• 456921	45
4.003	4.008		0.375		S	• 476921	47
4.003	4.008		0.375		S	• 486921	48
4.003	4.008		0.468		S	• 415011	41
4.003	4.008		0.468		N	• 415011N	41
4.003	4.008		0.468		S	455011 <sup>RC</sup>	45
4.003	4.008		0.468		N	• 455011N	45
4.003	4.008		0.468		V	• 455011V	45
4.003	4.008		0.468		S	• 475011	47
4.003	4.008		0.468		S	• 485011	48
4.003	4.008		0.468		N	• 485011N	48
4.003	4.008		0.500		S	• 456886	45
<b>4.125</b>	<b>4.130</b>		<b>0.375</b>		<b>S</b>	<b>417134<sup>RC</sup></b>	<b>41</b>
4.125	4.130		0.375		S	• 457134	45
4.125	4.130		0.562		S	• 415152	41
4.125	4.130		0.562		S	• 455152	45

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>2.875" (2-7/8") SHAFT (cont.)</b>							
4.125	4.130		0.562		S	• 475152	47
4.125	4.130		0.562		S	• 485152	48
4.125	4.130		0.842		S	370010A <sup>RC</sup>	01
4.175	4.180		0.812		S	2674 <sup>RC</sup>	89
4.175	4.181		0.822		S	370054A <sup>RC</sup>	03
<b>4.249</b>	<b>4.254</b>		<b>0.500</b>		<b>S</b>	<b>416285<sup>RC</sup></b>	<b>41</b>
4.249	4.254		0.625		S	• 416286	41
4.249	4.254		0.625		S	• 456286	45
4.249	4.254		0.625		S	• 476286	47
4.249	4.254		0.625		S	• 486286	48
4.331	4.336		0.438		N	477726	47
4.331	4.336		0.500		N	• 416426N	41
4.335	4.340		0.437		S	455310	45
4.335	4.340		0.437		V	• 455310V	45
4.376	4.381		0.625		S	455556 <sup>RC</sup>	45
4.499	4.504		0.468		S	• 415144	41
<b>4.499</b>	<b>4.504</b>		<b>0.468</b>		<b>S</b>	<b>455144<sup>RC</sup></b>	<b>45</b>
4.499	4.504		0.468		S	• 475144	47
4.499	4.504		0.468		S	• 485144	48
<b>2.881" SHAFT</b>							
4.492	4.504		1.440		N	710825 <sup>17</sup>	#
<b>2.882" SHAFT</b>							
3.431	3.436		0.291		S	470547 <sup>RC</sup>	47
<b>2.913" SHAFT</b>							
90,00	90,15		10,00		H	227409 <sup>CCW</sup>	32
3.543	3.549		0.394				
4.561	4.567	5.000	1.004		N	127591 <sup>BI</sup>	#
4.562	4.570	5.000	0.403		V	710959 <sup>BI</sup>	87
156,00	156,10		14,00		S	710212	40
6.142	6.146		0.551				
<b>2.937" (2-15/16") SHAFT</b>							
3.751	3.756		0.375		S	416956 <sup>RC</sup>	41
3.812	3.816		0.313		F	5MR1009	#
<b>3.876</b>	<b>3.881</b>		<b>0.375</b>		<b>S</b>	<b>417159<sup>RC</sup></b>	<b>41</b>
3.876	3.881		0.375		V	417159V <sup>RC</sup>	41
3.876	3.881		0.468		S	• 415347	41
3.876	3.881		0.468		N	• 415347N	41
3.937	3.942		0.500		N	35949N <sup>RC</sup>	41
<b>3.937</b>	<b>3.942</b>		<b>0.500</b>		<b>S</b>	<b>416500<sup>RC</sup></b>	<b>41</b>
3.937	3.942		0.500		N	• 416500N	41
3.937	3.942		0.500		S	• 456500	45
3.937	3.942		0.500		S	• 476500	47
3.937	3.942		0.500		N	476500N <sup>RC</sup>	47
<b>4.003</b>	<b>4.008</b>		<b>0.375</b>		<b>S</b>	<b>416654<sup>RC</sup></b>	<b>41</b>
4.003	4.008		0.375		N	• 476654N	47
4.003	4.008		0.468		S	• 415012	41
4.003	4.008		0.468		N	415012N <sup>RC</sup>	41
4.003	4.008		0.468		V	415012V <sup>RC</sup>	41
4.003	4.008		0.468		S	455012 <sup>RC</sup>	45
4.003	4.008		0.468		N	• 455012N	45
4.003	4.008		0.468		V	• 455012V	45
4.003	4.008		0.468		S	• 475012	47

Hsg Bore		Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore		Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	
O.D.	O.D.	Flanged	Seal Width	w/Side Lip	O.D.				O.D.	Flanged	Seal Width	w/Side Lip						
<b>2.937" (2-15/16") SHAFT (cont.)</b>									<b>76,00mm (2.992") SHAFT (cont.)</b>									
4.003	4.008		0.468		N	475012N <sup>RC</sup>	47											
4.003	4.008		0.625		S	• 417730	41											
4.125	4.130		0.375		S	417486 <sup>RC</sup>	41											
4.249	4.254		0.625		N	• 475348N	47											
4.250	4.254		0.468		S	416775 <sup>RC</sup>	41											
4.499	4.504		0.468		S	• 415356	41											
4.499	4.504		0.468		N	• 415356N	41											
4.499	4.504		0.468		V	• 415356V	41											
4.499	4.504		0.468		S	455356 <sup>RC</sup>	45											
4.939	4.944		1.250		N	712937 <sup>RC</sup>	90											
<b>2.938" SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
			<b>0.500</b>			<b>99290</b>	<b>Redi-Sleeve</b>											
			<b>0.781</b>			<b>99293</b>	<b>Redi-Sleeve</b>											
3.623	3.628		0.375		S	487526	48											
3.937	3.947		0.552		V	4563V <sup>CW</sup>	#											
<b>2.948" SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
4.725	4.738		0.585		N	370211A <sup>16</sup>	11											
<b>2.950" SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
4.528	4.533		0.375		S	• 476515	47											
<b>75,00mm (2.953") SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
			<b>0.594</b>			<b>99289</b>	<b>Redi-Sleeve</b>											
			<b>0.866</b>			<b>99294</b>	<b>Redi-Sleeve</b>											
87,00	87,20		7,00		S	710240 <sup>B</sup>	35											
3.425	3.433		0.276															
93,00	93,12		8,00		T	39804 <sup>CW</sup>	FW-H											
3.661	3.666		0.315															
95,00	95,20	10,00	10,50		V	710462	32											
3.740	3.748	0.394	0.413															
95,00	95,28		10,00		S	227530	35											
3.740	3.751		0.394															
98,00	98,20		10,00		V	710641	32											
3.858	3.866		0.394															
100,00	100,10		13,00		S	710384	25											
3.937	3.941		0.512															
100,00	100,20		12,00		S	227540	32											
3.937	3.945		0.472															
100,00	100,27		13,00		H	227550 <sup>CCW</sup>	32											
3.937	3.948		0.472															
107,00	107,20		8,00		V	710676 <sup>CCW</sup>	32											
4.213	4.220		0.315															
112,00	112,17		10,00		S	710087	45											
4.409	4.416		0.394															
120,00	120,12		8,13		S	200322	200											
4.724	4.729		0.320															
<b>2.955" SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
3.875	3.882		0.488		S	370247A	#											
<b>75,20mm (2.961") SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
101,50	101,60	107,70	11,00		V	710927 <sup>BI</sup>	#											
3.996	4.000	4.240	0.433															
<b>2.988" SHAFT</b>									<b>3.000" (3-3/32") SHAFT</b>									
3.740	3.748		0.374		V	3698 <sup>CCW</sup>	32											

SIZE SECTION

<sup>B</sup>External Bore; <sup>16</sup>Spindle Mount; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>3.000" (3-3/32") SHAFT (cont.)</b>							
4.003	4.008		0.375		S	415995 <sup>RC</sup>	41
4.003	4.008		0.375		N	415995N	41
4.003	4.008		0.375		V	415995V <sup>RC</sup>	41
4.003	4.008		0.375		N	455995N <sup>RC</sup>	45
4.003	4.008		0.437		S	415836 <sup>RC</sup>	41
4.003	4.008		0.437		N	415836N <sup>RC</sup>	41
4.003	4.008		0.437		V	415836V <sup>RC</sup>	41
4.003	4.008		0.437		S	455836	45
4.003	4.008		0.437		S	475836	47
4.003	4.008		0.437		V	475836V	47
4.003	4.008		0.437		S	485836	48
4.003	4.008		0.468		S	415013 <sup>RC</sup>	41
4.003	4.008		0.468		N	415013N <sup>RC</sup>	41
4.003	4.008		0.468		V	415013V	41
4.003	4.008		0.468		S	455013 <sup>RC</sup>	45
4.003	4.008		0.468		N	455013N	45
4.003	4.008		0.468		V	455013V	45
4.003	4.008		0.468		S	475013	47
4.003	4.008		0.468		N	475013N	47
4.003	4.008		0.468		S	485013	48
4.125	4.130		0.437		S	417351 <sup>RC</sup>	41
4.125	4.130		0.437		S	457351	45
4.125	4.130		0.437		S	477351	47
4.125	4.130		0.437		S	487351	48
4.125	4.130		0.438		S	487119	48
4.125	4.130		0.562		S	415154	41
4.125	4.130		0.562		S	455154	45
4.125	4.130		0.562		S	475154	47
4.125	4.130		0.562		S	485154	48
4.249	4.254		0.437		S	417487 <sup>RC</sup>	41
4.249	4.254		0.468		S	415086	41
4.249	4.254		0.468		N	415086N <sup>RC</sup>	41
4.249	4.254		0.468		V	415086V	41
4.249	4.254		0.468		S	455086 <sup>RC</sup>	45
4.249	4.254		0.468		N	455086N	45
4.249	4.254		0.468		N	475086N	47
4.249	4.254		0.500		S	416026	41
4.249	4.254		0.500		S	456026	45
4.249	4.254		0.500		V	456026V	45
4.249	4.254		0.625		S	415014	41
4.249	4.254		0.625		N	415014N	41
4.249	4.254		0.625		S	455014 <sup>RC</sup>	45
4.249	4.254		0.625		S	475014	47
4.249	4.254		0.625		S	485014	48
4.331	4.336		0.500		S	415962 <sup>RC</sup>	41
4.376	4.381		0.500		S	417488 <sup>RC</sup>	41
4.376	4.381		0.625		S	415158	41
4.376	4.381		0.625		N	415158N	41
4.499	4.504		0.468		S	415088 <sup>RC</sup>	41
4.499	4.504		0.468		N	415088N	41
4.499	4.504		0.468		S	455088	45
4.499	4.504		0.468		N	455088N	45
4.499	4.504		0.468		V	455088V <sup>RC</sup>	45
4.499	4.504		0.468		S	475088	47
4.499	4.504		0.468		N	475088N	47

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>3.000" (3-3/32") SHAFT (cont.)</b>							
4.499	4.504		0.468		S	485088	48
4.500	4.506		0.500		S	487162	48
4.501	4.506		0.468		S	457163	45
4.501	4.506		0.468		N	477163N <sup>RC</sup>	47
4.524	4.600		0.433		S	200133 <sup>B</sup>	200E
4.626	4.631		0.500		L	55548	5L
4.750	4.756		0.500		S	457165	45
4.751	4.756		0.625		S	416370 <sup>RC</sup>	41
4.751	4.756		0.625		S	456370	45
4.751	4.756		0.625		S	476370	47
4.751	4.756		0.625		S	486370	48
4.875	4.881		0.625		S	45820 <sup>RC</sup>	45
4.938	4.943	5.690	0.303		N	3905 <sup>RC</sup>	76
4.999	5.004		0.468		S	415019	41
4.999	5.004		0.468		S	475019	47
4.999	5.004		0.468		S	485019	48
5.500	5.506	6.000	0.531		N	3143N <sup>RC</sup>	74
5.501	5.506		1.266		N	3592 <sup>RC</sup>	90
5.750	5.764	6.059	0.945		N	712000	74
5.751	5.756	6.250	0.840		N	710008 <sup>RC</sup>	74
<b>3.003" SHAFT</b>							
3.751	3.761		0.420		V	100495 <sup>18</sup>	08
4.937	4.948	5.375	0.788		V	100263 <sup>18</sup>	08
<b>77,00mm (3.031") SHAFT</b>							
91,00	91,20	96,00	6,00		N	710177	87
3.583	3.591	3.780	0.236				
<b>3.040" SHAFT</b>							
3.937	3.946		0.250		S	355669	35
<b>3.062" SHAFT</b>							
4.003	4.008		0.468		S	486893	48
4.125	4.130		0.562		S	455155	45
4.249	4.254		0.625		S	455015 <sup>RC</sup>	45
4.331	4.336		0.500		S	456733	45
4.999	5.004		0.468		S	455020 <sup>RC</sup>	45
<b>78,00mm (3.071") SHAFT</b>							
			0.750			99306 Redi-Sleeve	
110,00	110,20		8,50		V	710707 <sup>CCW</sup>	32
4.331	4.339		0.335				
<b>3.125" (3-1/8") SHAFT</b>							
			0.551			99307 Redi-Sleeve	
			0.688			99311 Redi-Sleeve	
			0.813			99312 Redi-Sleeve	
3.751	3.756		0.250		S	45825S	4S
3.876	3.881		0.468		S	475568	47
3.936	3.943		0.512		V	2260	45
3.937	3.942		0.500		S	456909	45
4.003	4.008		0.375		S	416404 <sup>RC</sup>	41
4.003	4.008		0.375		V	416404V	41
4.003	4.008		0.375		S	476404	47

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.125" (3-1/8") SHAFT (cont.)</b>								<b>3.125" (3-1/8") SHAFT (cont.)</b>							
4.003	4.008		0.375		N	• 476404N	47	4.499	4.504		0.468		S	• 485145	48
4.003	4.008		0.468		N	• 455354N	45	<b>4.500</b>	<b>4.506</b>		<b>0.500</b>		<b>S</b>	<b>417172<sup>RC</sup></b>	<b>41</b>
4.003	4.008		0.468		S	• 475354	47	4.500	4.506		0.500		S	• 457172	45
4.003	4.008		0.468		S	• 485354	48	4.500	4.506		0.500		S	• 477172	47
4.003	4.008		0.500		V	• 487034V	48	4.500	4.506		0.500		S	• 487172	48
4.003	4.008		0.500		V	714470 <sup>RC</sup>	48	4.500	4.506		0.605		S	370014A <sup>RC</sup>	06
4.125	4.130		0.250		S	498301	49	4.562	4.567		1.198		L	5751	34
<b>4.125</b>	<b>4.130</b>		<b>0.375</b>		<b>S</b>	<b>417621<sup>RC</sup></b>	<b>41</b>	4.625	4.631		0.500		S	• 457173	45
4.125	4.130		0.375		V	477729	47	4.625	4.631		0.605		S	370046A <sup>RC</sup>	06
4.125	4.130		0.437		T	39809 <sup>CW</sup>	W-H	<b>4.626</b>	<b>4.631</b>		<b>0.437</b>		<b>S</b>	<b>416297<sup>RC</sup></b>	<b>41</b>
4.125	4.130		0.500		H	2291 <sup>RC</sup>	41	4.626	4.631		0.437		S	• 476297	47
<b>4.125</b>	<b>4.130</b>		<b>0.500</b>		<b>S</b>	<b>416011<sup>RC</sup></b>	<b>41</b>	<b>4.751</b>	<b>4.756</b>		<b>0.500</b>		<b>S</b>	<b>416024<sup>RC</sup></b>	<b>41</b>
4.125	4.130		0.500		V	• 416011V	41	4.751	4.756		0.625		S	• 415245	41
4.125	4.130		0.500		S	• 456011	45	4.751	4.756		0.625		N	• 415245N	41
4.125	4.130		0.500		V	• 456011V	45	4.751	4.756		0.625		S	• 455245	45
4.125	4.130		0.500		S	• 476011	47	4.751	4.756		0.625		S	• 475245	47
4.125	4.130		0.500		V	• 476011V	47	4.751	4.756		0.625		S	• 485245	48
4.125	4.130		0.500		S	• 486011	48	<b>4.999</b>	<b>5.004</b>		<b>0.468</b>		<b>S</b>	<b>415021<sup>RC</sup></b>	<b>41</b>
4.125	4.130		0.562		S	• 415156	41	4.999	5.004		0.468		S	• 455021	45
4.125	4.130		0.562		N	415156N <sup>RC</sup>	41	4.999	5.004		0.468		S	• 475021	47
4.125	4.130		0.562		N	• 455156N	45	4.999	5.004		0.468		S	• 485021	48
4.125	4.130		0.562		V	• 455156V	45	4.999	5.004		0.500		S	• 456301	45
4.125	4.130		0.562		S	• 475156	47	<b>5.251</b>	<b>5.256</b>		<b>0.468</b>		<b>S</b>	<b>415394<sup>RC</sup></b>	<b>41</b>
4.125	4.130		0.562		N	• 475156N	47	5.251	5.256		0.468		S	• 455394	45
4.125	4.130		0.562		S	• 485156	48	5.251	5.256		0.468		S	• 475394	47
4.173	4.179		0.290		S	8976S	49	5.251	5.256		0.468		S	• 485394	48
4.174	4.184		0.500		S	370145A	07	5.985	6.000		0.955		S	9600S <sup>RC</sup>	#
4.249	4.254		0.438		V	418306	41	7.000	8.250		1.003		S	6481S <sup>RC</sup>	51
4.249	4.254		0.468		S	• 416287	41	8.250	8.257		0.571		S	6649	52
4.249	4.254		0.468		N	• 416287N	41	<b>3.133" SHAFT</b>							
4.249	4.254		0.468		V	• 416287V	41	3.547	3.551	3.805	0.366		S	710106	278
4.249	4.254		0.468		S	• 456287	45	<b>3.142" SHAFT</b>							
4.249	4.254		0.468		S	• 486287	48	3.733	3.736	4.063	0.565		S	710103	278
<b>4.249</b>	<b>4.254</b>		<b>0.500</b>		<b>S</b>	<b>416288<sup>RC</sup></b>	<b>41</b>	<b>80,00mm (3.150") SHAFT</b>							
4.249	4.254		0.500		S	• 456288	45				<b>0.433</b>			<b>99317</b>	<b>Redi-Sleeve</b>
4.249	4.254		0.500		S	• 476288	47				<b>0.750</b>			<b>99313</b>	<b>Redi-Sleeve</b>
4.249	4.254		0.500		S	• 486288	48				<b>0.827</b>			<b>99315</b>	<b>Redi-Sleeve</b>
4.249	4.254		0.625		S	• 415016	41								
4.249	4.254		0.625		N	415016N <sup>RC</sup>	41	96,00	96,28		9,00		V	228005 <sup>CCW</sup>	32
4.249	4.254		0.625		S	• 475016	47	3.780	3.791		0.354				
4.249	4.254		0.625		S	• 485016	48	97,00	97,20		13,10		V	711128 <sup>15,CCW</sup>	#
<b>4.375</b>	<b>4.381</b>		<b>0.500</b>		<b>S</b>	<b>417171<sup>RC</sup></b>	<b>41</b>	3.819	3.827		0.516				
4.375	4.381		0.500		S	• 457171	45	98,00	98,20		8,00		V	710614 <sup>CCW</sup>	32
4.375	4.381		0.500		S	• 477171	47	3.858	3.866		0.315				
4.375	4.381		0.500		S	• 487171	48	98,00	98,20		14,50		T	710811 <sup>19</sup>	34
4.375	4.381		0.562		N	• 456289N	45	3.858	3.866		0.571				
4.376	4.381		0.562		S	• 416289	41	98,00	98,40		10,00		V	228008 <sup>CCW</sup>	32
4.376	4.381		0.562		S	• 456289	45	3.858	3.874		0.394				
4.376	4.381		0.625		S	• 415160	41	100,00	100,20		10,00		H	228015 <sup>CW</sup>	32
4.376	4.381		0.625		S	• 455160	45	3.937	3.945		0.394				
4.376	4.381		0.625		S	• 485160	48	100,00	100,23		10,00		H	228009 <sup>CCW</sup>	32
4.499	4.504		0.468		S	• 415145	41	3.937	3.946		0.394				
4.499	4.504		0.468		N	• 415145N	41	100,00	100,28		8,51		H	228013	32
4.499	4.504		0.468		V	• 415145V	41	3.937	3.948		0.335				
4.499	4.504		0.468		S	• 475145	47								

SIZE SECTION

<sup>15</sup>Oil Seal & Housing; <sup>19</sup>Crankshaft position sensor port on seal; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>80,00mm (3.150") SHAFT (cont.)</b>							
100,00	100,35		13,00		N	228010 <sup>CCW</sup>	32
3.937	3.951		0.512				
101,00	101,30	106,00	9,00		N	710434	74
3.976	3.988	4.173	0.354				
105,00	105,26		13,00		S	228025	32
4.134	4.144		0.512				
105,00	105,27		14,00		H	228020 <sup>CCW</sup>	32
4.134	4.144		0.551				
113,00	113,18		12,00		S	710080	90
4.449	4.456		0.472				
<b>3.164" SHAFT</b>							
4.249	4.254		0.625		S	• 455734	45
4.999	5.004		0.468		S	456799 <sup>RC</sup>	45
4.999	5.004		0.468		S	• 456799SGR	45
<b>3.180" SHAFT</b>							
4.180	4.185	4.440	0.750		S	3385 <sup>RC,BI</sup>	74
<b>3.187" (3-3/16") SHAFT</b>							
4.249	4.254		0.468		S	456105 <sup>RC</sup>	45
<b>4.376</b>	<b>4.381</b>		<b>0.500</b>		<b>S</b>	<b>417490<sup>RC</sup></b>	<b>41</b>
4.376	4.381		0.625		S	• 455161	45
4.499	4.504		0.468		S	455336 <sup>RC</sup>	45
4.625	4.630		0.442		S	6358 <sup>RC,BI</sup>	47
4.999	5.004		0.468		S	455022 <sup>RC</sup>	45
5.000	5.006		0.765		S	370029A <sup>RC</sup>	03
<b>3.189" SHAFT</b>							
3.801	3.809		0.630		S	710477	281
125,00	125,20		11,00		S	710079	#
4.921	4.929		0.433				
<b>3.197" SHAFT</b>							
3.516	3.520		0.063		S	710293	32
<b>82,00mm (3.228") SHAFT</b>							
			<b>0.661</b>			<b>99328 Redi-Sleeve</b>	
3.789	3.800		0.394		V	40375 <sup>CCW</sup>	32
3.790	3.798		0.354		T	710602 <sup>CCW</sup>	32
3.918	3.928		0.500		V	320691 <sup>CCW</sup>	32
105,00	105,28		12,00		H	228480 <sup>CCW</sup>	74
4.134	4.145		0.462				
<b>3.249" SHAFT</b>							
4.468	4.488		0.318		S	200870 <sup>B</sup>	200E
<b>3.250" (3-1/4") SHAFT</b>							
			<b>0.813</b>			<b>99322 Redi-Sleeve</b>	
3.879	3.881		0.375		V	710180 <sup>CW</sup>	48
<b>4.003</b>	<b>4.008</b>		<b>0.375</b>		<b>S</b>	<b>417433<sup>RC</sup></b>	<b>41</b>
4.003	4.008		0.468		T	55563 <sup>CW</sup>	5S
4.003	4.008		0.468		S	415563 <sup>RC</sup>	41
4.003	4.008		0.468		N	• 415563N	41
4.003	4.008		0.468		S	• 475563	47
4.063	4.067		0.313		F	5M643	#
4.125	4.130		0.562		S	• 415566	41
4.125	4.130		0.562		N	• 415566N	41

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>3.250" (3-1/4") SHAFT (cont.)</b>							
4.125	4.130		0.562		V	• 415566V	41
<b>4.125</b>	<b>4.130</b>		<b>0.562</b>		<b>S</b>	<b>455566<sup>RC</sup></b>	<b>45</b>
4.125	4.130		0.562		N	• 455566N	45
4.125	4.130		0.562		V	• 455566V	45
4.125	4.130		0.562		S	• 475566	47
4.125	4.130		0.562		S	• 485566	48
4.249	4.254		0.375		N	416470N <sup>RC</sup>	41
<b>4.249</b>	<b>4.254</b>		<b>0.375</b>		<b>S</b>	<b>476470<sup>RC</sup></b>	<b>47</b>
4.249	4.254		0.375		N	• 476470N	47
4.249	4.254		0.375		V	476470V <sup>RC</sup>	47
4.249	4.254		0.468		N	• 411275N	41
4.249	4.254		0.468		V	411275V <sup>RC</sup>	41
4.249	4.254		0.468		S	• 451275	45
4.249	4.254		0.468		N	• 451275N	45
4.249	4.254		0.500		S	415304 <sup>RC</sup>	41
4.249	4.254		0.500		N	• 415304N	41
4.249	4.254		0.500		V	• 415304V	41
4.249	4.254		0.500		S	• 455304	45
4.249	4.254		0.500		N	• 455304N	45
4.249	4.254		0.500		V	• 455304V	45
4.249	4.254		0.500		S	• 475304	47
4.249	4.254		0.500		V	• 475304V	47
4.249	4.254		0.500		S	• 485304	48
4.249	4.254		0.625		S	• 415018	41
4.249	4.254		0.625		N	• 415018N	41
4.249	4.254		0.625		S	455018 <sup>RC</sup>	45
4.249	4.254		0.625		S	• 475018	47
4.249	4.254		0.625		S	• 485018	48
4.249	4.254		0.750		V	• 600309	#
<b>4.376</b>	<b>4.381</b>		<b>0.500</b>		<b>S</b>	<b>417181<sup>RC</sup></b>	<b>41</b>
4.376	4.381		0.500		S	• 457181	45
4.376	4.381		0.500		S	• 477181	47
4.376	4.381		0.500		S	• 487181	48
4.376	4.381		0.562		S	• 416290	41
4.376	4.381		0.562		S	• 456290	45
4.376	4.381		0.562		V	• 456290V	45
4.376	4.381		0.625		S	• 415162	41
4.376	4.381		0.625		S	• 455162	45
4.376	4.381		0.625		N	• 455162N	45
4.376	4.381		0.625		S	• 485162	48
4.499	4.504		0.468		S	415137 <sup>RC</sup>	41
4.499	4.504		0.468		S	455137	45
4.499	4.504		0.468		V	• 455137V	45
4.499	4.504		0.468		S	• 475137	47
4.499	4.504		0.468		N	• 475137N	47
4.499	4.504		0.468		S	• 485137	48
<b>4.500</b>	<b>4.506</b>		<b>0.375</b>		<b>S</b>	<b>418028<sup>RC</sup></b>	<b>41</b>
<b>4.500</b>	<b>4.506</b>		<b>0.500</b>		<b>S</b>	<b>417352<sup>RC</sup></b>	<b>41</b>
4.500	4.506		0.500		S	• 457352	45
4.500	4.506		0.500		S	• 477352	47
4.500	4.506		0.500		S	• 487352	48
4.500	4.506		0.605		S	370018A <sup>RC</sup>	06
4.500	4.507	5.000	0.718		S	6584S	74
4.500	4.600		0.315		S	7208S <sup>B</sup>	200E
4.501	4.506		0.250		S	797724	#

SIZE SECTION

Hsg Bore		Seal O.D.		Width w/Side Lip		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore		Seal O.D.		Width w/Side Lip		Lip Mat'l	Part No.	Type/ Illus.	
Seal Flanged O.D.	Seal Width	Seal w/Side Lip	Seal Lip	Hsg Bore	Seal O.D.				Seal Flanged O.D.	Seal Width	Seal w/Side Lip	Seal Lip						
<b>3.250" (3-1/4") SHAFT (cont.)</b>									<b>84,00mm (3.307") SHAFT (cont.)</b>									
4.626	4.631		0.437			S	• 476303	47	117,00	117,20			8,50			V	710621 <sup>CCW</sup>	32
4.626	4.631		0.437			S	• 486303	48	4.606	4.614			0.335					
4.626	4.631		0.625			S	• 416304	41	118,00	118,10			7,00			V	710363 <sup>15,CCW</sup>	32
<b>4.626</b>	<b>4.632</b>		<b>0.500</b>			<b>S</b>	<b>417353<sup>RC</sup></b>	<b>41</b>	4.646	4.650			0.276					
4.626	4.632		0.500			S	• 457353	45	<b>3.312" (3-5/16") SHAFT</b>									
4.626	4.632		0.500			S	• 477353	47	4.249	4.254			0.500			S	416292 <sup>RC</sup>	41
4.626	4.632		0.500			S	• 487353	48	<b>4.376</b>	<b>4.381</b>			<b>0.500</b>			<b>S</b>	<b>417491<sup>RC</sup></b>	<b>41</b>
<b>4.723</b>	<b>4.729</b>		<b>0.468</b>			<b>S</b>	<b>415577<sup>RC</sup></b>	<b>41</b>	4.376	4.381			0.625			S	• 455163	45
4.723	4.729		0.468			N	• 415577N	41	<b>4.499</b>	<b>4.504</b>			<b>0.468</b>			<b>S</b>	<b>415085<sup>RC</sup></b>	<b>41</b>
4.723	4.729		0.468			S	• 455577	45	4.499	4.504			0.468			S	• 455085	45
<b>4.751</b>	<b>4.756</b>		<b>0.484</b>			<b>S</b>	<b>456305<sup>RC</sup></b>	<b>45</b>	4.499	4.504			0.468			V	• 455085V	45
4.751	4.756		0.500			S	• 456306	45	4.499	4.504			0.468			S	• 475085	47
4.751	4.756		0.625			S	• 415265	41	4.501	4.506			0.468			S	456648 <sup>RC</sup>	45
4.751	4.756		0.625			N	• 415265N	41	4.751	4.756			0.500			S	416313 <sup>RC</sup>	41
4.751	4.756		0.625			S	• 455265	45	4.999	5.004			0.468			S	455024 <sup>RC</sup>	45
4.751	4.756		0.625			S	• 475265	47	5.000	5.006			0.937			S	370013A <sup>RC</sup>	03
4.751	4.756		0.625			S	• 485265	48	5.125	5.131			0.500			S	• 457961	45
<b>4.999</b>	<b>5.004</b>		<b>0.468</b>			<b>S</b>	<b>415023<sup>RC</sup></b>	<b>41</b>	5.501	5.506			0.562			S	• 455612	45
4.999	5.004		0.468			S	• 475023	47	5.501	5.506			0.562			N	• 455612N	45
4.999	5.004		0.468			S	• 485023	48	<b>3.330" SHAFT</b>									
4.999	5.004		0.500			S	• 416309	41	4.125	4.130			0.562			S	477055 <sup>RC</sup>	47
5.251	5.256		0.468			S	• 415328	41	<b>3.342" SHAFT</b>									
5.251	5.256		0.468			S	455328 <sup>RC</sup>	45			<b>0.669</b>					<b>99332</b>	<b>Redi-Sleeve</b>	
5.251	5.256		0.468			S	• 475328	47	<b>85,00mm (3.346") SHAFT</b>									
5.251	5.256		0.468			S	• 485328	48			<b>0.827</b>					<b>99333</b>	<b>Redi-Sleeve</b>	
5.500	5.506		0.500			N	417987N <sup>RC</sup>	41			<b>1.062</b>					<b>99334</b>	<b>Redi-Sleeve</b>	
6.374	6.380		0.468			S	• 487056	48	101,00	101,07			13,00			T	710848 <sup>15,BI</sup>	32
<b>3.252" SHAFT</b>									3.976	3.979			0.512					
		<b>0.595</b>					<b>99324</b>	<b>Redi-Sleeve</b>	103,00	103,23			8,00			V	710767 <sup>CCW</sup>	32
<b>3.253" SHAFT</b>									4.055	4.064			0.315					
		<b>0.600</b>					<b>99323</b>	<b>Redi-Sleeve</b>	105,00	105,28			11,00			T	711007 <sup>CCW</sup>	32
		<b>0.688</b>					<b>99326</b>	<b>Redi-Sleeve</b>	4.133	4.145			0.433					
		<b>0.813</b>					<b>99325</b>	<b>Redi-Sleeve</b>	105,00	105,20			8,00			T	710849 <sup>CW</sup>	32
4.249	4.260		0.635			V	100494 <sup>18</sup>	08	4.134	4.142			0.315					
5.500	5.507	5.902	0.635			V	100557 <sup>18</sup>	08	105,00	105,28			8,80			T	710761 <sup>CCW</sup>	32
<b>83,00mm (3.268") SHAFT</b>									4.134	4.145			0.346					
96,00	96,30		9,00			V	710881 <sup>CCW</sup>	32	105,00	105,28			10,00			V	710765 <sup>CCW</sup>	32
3.780	3.791		0.354						4.134	4.145			0.394					
100,00	100,20	110,00	8,00			N	710626	#	105,00	105,28			11,00			S	716102 <sup>CCW</sup>	32
3.937	3.945	4.331	0.315						4.134	4.145			0.433					
100,00	100,20		9,00			V	228250 <sup>CCW</sup>	32	105,00	105,30			14,30			T	711133 <sup>15,CCW</sup>	#
3.937	3.945		0.354						4.134	4.146			0.563					
<b>3.298" SHAFT</b>									110,00	110,28			12,00			S	228520	35
4.125	4.130		0.562			S	455500 <sup>RC</sup>	45	4.331	4.342			0.472					
4.125	4.130		0.562			S	475500 <sup>RC</sup>	47	112,00	112,20			5,00			N	710330	44
4.125	4.130		0.562			N	• 485500N	48	4.409	4.417			0.197					
<b>84,00mm (3.307") SHAFT</b>									119,00	119,30			8,00			V	710879 <sup>CCW</sup>	32
		<b>0.813</b>					<b>99331</b>	<b>Redi-Sleeve</b>	4.685	4.697			0.315					
104,00	104,11		8,50			V	228411 <sup>CCW</sup>	32	128,00	128,27			11,00			S	710088	90
4.094	4.099		0.335						5.039	5.050			0.433					
104,00	104,28		11,00			V	228410 <sup>CCW</sup>	32	5.118	5.124			0.500			S	• 476516	47
4.094	4.106		0.433						131,00	131,40			15,70			V	710759 <sup>15,CW</sup>	32
									5.157	5.173			0.618					

SIZE SECTION

<sup>15</sup>Oil Seal & Housing; <sup>18</sup>Sure-Lock® I.D. rib design; <sup>B</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>85,00mm (3.346") SHAFT (cont.)</b>							
131,00	131,40	153,00	16,00		T	710617 <sup>15,CCW</sup>	32
5.157	5.173	6.024	0.630				
175,00	175,30		9,50		V	710882 <sup>15,CCW</sup>	32
6.890	6.902		0.374				
<b>3.375" (3-3/8") SHAFT</b>							
			<b>0.813</b>			<b>99337 Redi-Sleeve</b>	
3.948	3.955		0.375		N	5128N	32
3.948	3.955		0.375		S	710077	32
4.125	4.130		0.375		S	415442 <sup>RC</sup>	41
4.125	4.130		0.375		V	477731	47
4.249	4.254		0.468		S	476028 <sup>RC</sup>	47
4.249	4.254		0.468		N	• 476028N	47
<b>4.249</b>	<b>4.254</b>		<b>0.500</b>		<b>S</b>	<b>416294<sup>RC</sup></b>	<b>41</b>
4.249	4.254		0.500		N	• 416294N	41
4.249	4.254		0.500		V	416294V <sup>RC</sup>	41
4.249	4.254		0.500		S	• 456294	45
4.249	4.254		0.500		N	• 456294N	45
4.249	4.254		0.500		S	• 476294	47
4.249	4.254		0.500		S	• 486294	48
4.249	4.254		0.625		S	• 415613	41
4.249	4.254		0.625		S	• 455613	45
4.249	4.254		0.625		S	• 475613	47
4.249	4.254		0.625		S	• 485613	48
4.250	4.255		0.280		S	• 487319	48
4.280	4.285		0.406		N	• 485996N	48
4.370	4.375		0.250		S	486567	48
<b>4.376</b>	<b>4.381</b>		<b>0.375</b>		<b>S</b>	<b>412473<sup>RC</sup></b>	<b>41</b>
4.376	4.381		0.375		S	472473 <sup>RC</sup>	47
<b>4.376</b>	<b>4.381</b>		<b>0.500</b>		<b>S</b>	<b>415894<sup>RC</sup></b>	<b>41</b>
4.376	4.381		0.500		S	• 455894	45
4.376	4.381		0.500		N	• 455894N	45
4.376	4.381		0.500		S	• 475894	47
4.376	4.381		0.500		S	• 485894	48
4.376	4.381		0.562		S	• 411414	41
4.376	4.381		0.562		N	• 411414N	41
4.376	4.381		0.562		S	• 451414	45
4.376	4.381		0.562		N	• 451414N	45
4.376	4.381		0.562		S	• 481414	48
4.376	4.381		0.625		S	• 415164	41
4.376	4.381		0.625		N	415164N <sup>RC</sup>	41
4.376	4.381		0.625		S	• 455164	45
4.376	4.381		0.625		N	• 455164N	45
4.499	4.504		0.468		S	• 415165	41
4.499	4.504		0.468		S	455165	45
4.499	4.504		0.468		V	• 455165V	45
4.499	4.504		0.468		S	• 475165	47
4.499	4.504		0.468		S	• 485165	48
<b>4.500</b>	<b>4.506</b>		<b>0.500</b>		<b>S</b>	<b>417191<sup>RC</sup></b>	<b>41</b>
4.500	4.506		0.500		V	• 417191V	41
4.500	4.506		0.500		S	• 457191	45
4.500	4.506		0.500		S	• 477191	47
4.500	4.506		0.500		S	• 487191	48
4.626	4.631		0.437		S	• 476319	47
4.626	4.631		0.437		S	• 486319	48

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.375" (3-3/8") SHAFT (cont.)</b>							
4.626	4.631		0.437		V	• 486319V	48
4.626	4.631		0.625		S	• 455168	45
4.626	4.631		0.625		N	• 455168N	45
<b>4.626</b>	<b>4.632</b>		<b>0.500</b>		<b>S</b>	<b>417354<sup>RC</sup></b>	<b>41</b>
4.626	4.632		0.500		S	• 457354	45
4.626	4.632		0.500		S	• 477354	47
4.626	4.632		0.500		S	• 487354	48
4.688	4.693		0.500		S	455249 <sup>RC</sup>	45
4.751	4.756		0.500		S	416321 <sup>RC</sup>	41
4.751	4.756		0.625		S	• 416323	41
4.751	4.756		0.625		S	• 456323	45
4.751	4.756		0.625		S	• 476323	47
4.751	4.756		0.625		S	• 486323	48
<b>4.999</b>	<b>5.004</b>		<b>0.468</b>		<b>S</b>	<b>415025<sup>RC</sup></b>	<b>41</b>
4.999	5.004		0.468		S	• 475025	47
4.999	5.004		0.468		S	• 485025	48
4.999	5.004		0.500		S	• 456325	45
5.251	5.256		0.468		S	416327 <sup>RC</sup>	41
5.251	5.256		0.468		S	• 456327	45
5.251	5.256		0.468		S	• 476327	47
5.251	5.256		0.468		S	• 486327	48
<b>86,00mm (3.386") SHAFT</b>							
103,00	103,23		10,00		H	710235 <sup>CCW</sup>	32
4.055	4.064		0.394				
104,00	104,23		11,00		V	710232 <sup>CCW</sup>	32
4.094	4.104		0.433				
<b>87,00mm (3.425") SHAFT</b>							
100,00	100,20		8,00		N	228700 <sup>CCW</sup>	32
3.937	3.945		0.315				
107,00	107,20	109,00	11,00		S	710569	62
4.213	4.220	4.291	0.433				
<b>3.437" (3-7/16") SHAFT</b>							
			<b>0.781</b>			<b>99339 Redi-Sleeve</b>	
4.249	4.254		0.375		S	418029 <sup>RC</sup>	41
4.249	4.254		0.625		S	455499 <sup>RC</sup>	45
4.499	4.504		0.468		S	• 455166	45
<b>4.501</b>	<b>4.506</b>		<b>0.375</b>		<b>S</b>	<b>417492<sup>RC</sup></b>	<b>41</b>
4.501	4.506		0.375		V	417492V <sup>RC</sup>	47
4.501	4.506		0.468		S	• 416365	41
4.501	4.506		0.468		S	• 476365	47
4.501	4.506		0.625		L	55419	5L
4.626	4.631		0.500		S	417493 <sup>RC</sup>	41
4.626	4.631		0.500		V	• 417493V	41
4.755	4.761		0.700		S	370047A <sup>RC</sup>	06
4.756	4.761		0.562		S	455858 <sup>RC</sup>	45
<b>4.876</b>	<b>4.881</b>		<b>0.500</b>		<b>S</b>	<b>417494<sup>RC</sup></b>	<b>41</b>
4.876	4.881		0.625		S	• 455341	45
4.999	5.004		0.468		S	455026 <sup>RC</sup>	45
5.250	5.256		0.468		S	455471 <sup>RC</sup>	45
5.501	5.506		0.562		S	• 455472	45
<b>3.445" SHAFT</b>							
3.622	3.630		0.596		V	710840 <sup>15</sup>	#

SIZE SECTION



Size Section

RADIAL SHAFT SEALS

88,00mm (3.465") SHAFT (cont.)								3.500" (3-1/2") SHAFT (cont.)							
Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
104,00	104,40		8,50		H	710860 <sup>CCW</sup>	32	4.501	4.506		0.468		V	415991V <sup>RC</sup>	41
4.094	4.110		0.335					4.501	4.506		0.468		S	• 455991	45
105,00	107,95		10,00		S	710587	32	4.501	4.506		0.468		N	• 475991N	47
4.134	4.250		0.394					4.501	4.506		0.468		N	• 485991N	48
106,00	106,28		8,50		V	710188 <sup>CCW</sup>	32	4.501	4.506		0.468		V	712750 <sup>RC</sup>	41
4.173	4.184		0.335					4.543	4.558		0.788		S	370132A	07
108,00	108,36		11,00		H	3772 <sup>CCW</sup>	35	<b>4.625</b>	<b>4.631</b>		<b>0.500</b>		<b>S</b>	<b>417196<sup>RC</sup></b>	<b>41</b>
4.252	4.266		0.433					4.625	4.631		0.500		V	• 417196V	41
111,00	111,20		23,80		H	710884 <sup>15</sup>	#	4.625	4.631		0.500		S	• 457196	45
4.370	4.378		0.937					4.625	4.631		0.500		S	• 477196	47
<b>3.468" (3-15/32") SHAFT</b>								4.625	4.631		0.500		S	• 487196	48
4.626	4.631		0.625		S	2055 <sup>RC</sup>	47	4.626	4.631		0.437		S	• 476328	47
<b>3.478" SHAFT</b>								4.626	4.631		0.437		S	• 486328	48
			<b>0.781</b>			<b>99340</b>	<b>Redi-Sleeve</b>	4.626	4.631		0.625		S	415170 <sup>RC</sup>	41
<b>3.500" (3-1/2") SHAFT</b>								4.626	4.631		0.625		N	• 455170N	45
			<b>0.315</b>			<b>99347</b>	<b>Redi-Sleeve</b>	4.682	4.688	4.947	0.451		V	710454 <sup>RC,BI</sup>	86
			<b>0.625</b>			<b>99346</b>	<b>Redi-Sleeve</b>	4.750	4.756		0.500		S	• 475437	47
			<b>0.813</b>			<b>99350</b>	<b>Redi-Sleeve</b>	4.750	4.756		0.500		S	• 485437	48
4.003	4.008		0.250		S	447806	44	4.751	4.756		0.375		N	476424N <sup>RC</sup>	47
4.125	4.130		0.250		S	45525S	4S	<b>4.751</b>	<b>4.756</b>		<b>0.500</b>		<b>S</b>	<b>415437<sup>RC</sup></b>	<b>41</b>
4.125	4.130		0.250		S	446927	44	4.751	4.756		0.500		N	• 455437N	45
4.125	4.130		0.313		U	710030	#	4.751	4.756		0.625		S	• 415173	41
4.125	4.131		0.250		V	• 446927V	44	4.751	4.756		0.625		N	• 415173N	41
4.375	4.381		0.562		S	• 415899	41	4.751	4.756		0.625		S	455173 <sup>RC</sup>	45
4.375	4.381		0.562		N	415899N <sup>RC</sup>	41	4.751	4.756		0.625		N	• 455173N	45
4.375	4.381		0.562		S	• 455899	45	4.751	4.756		0.625		S	• 475173	47
4.376	4.381		0.375		S	• 457599	45	4.751	4.756		0.625		S	• 485173	48
4.376	4.381		0.375		S	• 477599	47	4.751	4.761		0.605		S	370169A	07
4.376	4.381		0.375		V	477734	47	4.840	4.852		0.910		T	380001A	10
<b>4.376</b>	<b>4.381</b>		<b>0.500</b>		<b>S</b>	<b>416624<sup>RC</sup></b>	<b>41</b>	4.841	4.848		0.875		S	6638S <sup>RC</sup>	#
4.376	4.381		0.500		N	416624N <sup>RC</sup>	41	4.842	4.855		0.925		S	370001A <sup>20</sup>	11
4.376	4.381		0.500		V	• 416624V	41	<b>4.875</b>	<b>4.881</b>		<b>0.500</b>		<b>S</b>	<b>417198<sup>RC</sup></b>	<b>41</b>
4.376	4.381		0.500		S	• 456624	45	4.875	4.881		0.625		S	• 455255	45
4.376	4.381		0.500		S	• 476624	47	<b>4.999</b>	<b>5.004</b>		<b>0.468</b>		<b>S</b>	<b>415027<sup>RC</sup></b>	<b>41</b>
4.376	4.381		0.500		V	• 476624V	47	4.999	5.004		0.468		H	415027H	41
4.376	4.381		0.500		S	• 486624	48	4.999	5.004		0.468		N	415027N <sup>RC</sup>	41
4.376	4.381		0.625		S	• 456068	45	4.999	5.004		0.468		S	455027	45
4.437	4.437		0.437		L	5965 <sup>B</sup>	8L	4.999	5.004		0.468		S	• 475027	47
4.450	4.455		0.525		S	9339S	278	4.999	5.004		0.468		S	• 485027	48
4.450	4.460		0.843		S	370179A	07	4.999	5.004		0.468		N	• 485027N	48
4.499	4.504		0.468		S	415146 <sup>RC</sup>	41	4.999	5.004		0.500		N	• 416331N	41
4.499	4.504		0.468		N	• 415146N	41	4.999	5.004		0.500		S	• 456331	45
4.499	4.504		0.468		S	455146 <sup>RC</sup>	45	5.000	5.006		1.000		S	370002A <sup>RC</sup>	03
4.499	4.504		0.468		S	• 475146	47	<b>5.126</b>	<b>5.131</b>		<b>0.500</b>		<b>S</b>	<b>417495<sup>RC</sup></b>	<b>41</b>
4.499	4.504		0.468		N	• 475146N	47	5.126	5.131		0.625		S	• 415319	41
4.499	4.504		0.468		S	• 485146	48	5.126	5.131		0.625		N	• 415319N	41
4.499	4.508		0.250		S	345146	34	5.126	5.131		0.625		S	• 455319	45
4.500	4.506		0.375		S	• 477437	47	5.126	5.131		0.625		N	• 475319N	47
4.500	4.506		0.500		S	• 416414	41	5.250	5.258		0.375		S	6612S	#
4.500	4.506		0.500		S	• 476414	47	<b>5.251</b>	<b>5.256</b>		<b>0.468</b>		<b>S</b>	<b>415559<sup>RC</sup></b>	<b>41</b>
4.500	4.506		0.500		S	• 486414	48	5.251	5.256		0.468		S	• 455559	45
<b>4.501</b>	<b>4.506</b>		<b>0.468</b>		<b>S</b>	<b>415991<sup>RC</sup></b>	<b>41</b>	5.251	5.256		0.468		S	• 475559	47
<b>4.501</b>	<b>4.506</b>		<b>0.468</b>		<b>N</b>	<b>415991N<sup>RC</sup></b>	<b>41</b>	5.251	5.256		0.468		S	• 485559	48
								<b>5.500</b>	<b>5.505</b>		<b>0.500</b>		<b>S</b>	<b>417496<sup>RC</sup></b>	<b>41</b>
								5.501	5.506		0.562		S	• 415262	41

SIZE SECTION

<sup>B</sup>External Bore; <sup>15</sup>Oil Seal & Housing; <sup>20</sup>Dynamic Edge; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.500" (3-1/2") SHAFT (cont.)</b>							
5.501	5.506		0.562		S	• 455262	45
5.501	5.506		0.562		S	• 475262	47
5.501	5.506		0.562		S	• 485262	48
5.751	5.756		0.562		S	• 415396	41
<b>5.751</b>	<b>5.756</b>		<b>0.562</b>		<b>S</b>	<b>455396<sup>RC</sup></b>	<b>45</b>
5.751	5.756		0.562		S	• 475396	47
5.751	5.756		0.562		S	• 485396	48
<b>89,00mm (3.504") SHAFT</b>							
			<b>0.626</b>			<b>99349 Redi-Sleeve</b>	
			<b>0.813</b>			<b>99852 Redi-Sleeve</b>	
105,00	105,30		8,50		V	710871 <sup>CCW</sup>	32
4.134	4.146		0.335				
105,00	105,30		10,00		V	710189 <sup>CCW</sup>	47
4.134	4.146		0.394				
108,00	108,20		12,70		T	710585	32
4.252	4.260		0.500				
109,00	109,20		9,00		H	229004 <sup>CCW</sup>	32
4.291	4.299		0.354				
4.921	5.021		0.321		S	• 200878 <sup>B</sup>	200E
<b>3.539" SHAFT</b>							
5.277	5.291		0.585		N	370212A <sup>21</sup>	11
<b>90,00mm (3.543") SHAFT</b>							
			<b>0.438</b>			<b>99352 Redi-Sleeve</b>	
			<b>0.528</b>			<b>99353 Redi-Sleeve</b>	
			<b>0.710</b>			<b>99351 Redi-Sleeve</b>	
			<b>0.906</b>			<b>99354 Redi-Sleeve</b>	
104,00	104,10		11,00		V	710237 <sup>CCW</sup>	32
4.094	4.098		0.433				
108,00	108,20		10,00		N	710571	280
4.252	4.260		0.394				
110,00	110,31		8,50		H	229010 <sup>CCW</sup>	32
4.331	4.343		0.335				
110,00	110,31		12,00		V	229005 <sup>CCW</sup>	32
4.331	4.343		0.472				
140,00	140,20	210,00	10,00		T	710449 <sup>15</sup>	40
5.512	5.520	8.268	0.394				
6.215	6.220		0.562		T	39865 <sup>CW</sup>	#
<b>3.545" SHAFT</b>							
5.465	5.472		0.654		S	710685	#
5.465	5.479	0.997	0.646		N	710925	#
<b>3.550" SHAFT</b>							
4.376	4.381		0.375		N	• 455923N	45
<b>3.562" (3-9/16") SHAFT</b>							
			<b>0.813</b>			<b>99356 Redi-Sleeve</b>	
<b>4.499</b>	<b>4.504</b>		<b>0.468</b>		<b>S</b>	<b>415498</b>	<b>41</b>
4.499	4.504		0.468		S	• 455498	45
4.499	4.504		0.468		N	• 455498N	45
4.499	4.504		0.468		S	• 485498	48
4.500	4.506		0.500		V	• 416113V	41
4.500	4.506		0.500		S	• 456113	45

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.562" (3-9/16") SHAFT (cont.)</b>							
4.500	4.506		0.500		N	• 456113N	45
4.625	4.631		0.500		S	415711 <sup>RC</sup>	41
4.626	4.631		0.562		N	• 476591N	47
<b>4.751</b>	<b>4.756</b>		<b>0.500</b>		<b>S</b>	<b>417497<sup>RC</sup></b>	<b>41</b>
4.751	4.756		0.625		S	• 455174	45
4.755	4.761	5.125	0.550		S	9584 <sup>RC</sup>	74
4.876	4.881		0.500		S	417498 <sup>RC</sup>	41
4.999	5.004		0.468		L	55028	5L
5.751	5.756		0.562		S	• 455402	45
<b>91,00mm (3.583") SHAFT</b>							
111,00	111,20		7,50		N	710894 <sup>CCW</sup>	32
4.370	4.378		0.295				
111,00	111,20		10,00		V	710056 <sup>RC,CCW</sup>	47
4.370	4.378		0.394				
<b>3.620" SHAFT</b>							
4.625	4.630		0.400		T	39882 <sup>CW</sup>	FW-H
<b>92,00mm (3.622") SHAFT</b>							
			<b>0.811</b>			<b>99360 Redi-Sleeve</b>	
109,00	109,20		9,50		V	710896 <sup>CW</sup>	40
4.291	4.299		0.374				
109,00	109,30		8,00		V	711039 <sup>CCW</sup>	32
4.291	4.303		0.315				
110,00	110,20		7,00		V	710803 <sup>CCW</sup>	32
4.331	4.339		0.276				
110,00	110,26		9,50		V	229210 <sup>BI</sup>	32
4.331	4.341		0.374				
110,00	110,29		10,00		H	355660H <sup>CCW</sup>	35
4.331	4.342		0.394				
4.500	4.508		0.846		T	710814 <sup>15</sup>	32
<b>3.625" (3-5/8") SHAFT</b>							
			<b>0.500</b>			<b>99363 Redi-Sleeve</b>	
			<b>0.813</b>			<b>99362 Redi-Sleeve</b>	
4.240	4.256		0.390		V	3909 <sup>CCW</sup>	35
4.375	4.381		0.375		S	• 456744	45
4.375	4.381		0.375		N	456744N <sup>RC</sup>	45
<b>4.376</b>	<b>4.381</b>		<b>0.375</b>		<b>S</b>	<b>417698<sup>RC</sup></b>	<b>41</b>
<b>4.499</b>	<b>4.504</b>		<b>0.468</b>		<b>S</b>	<b>415389<sup>RC</sup></b>	<b>41</b>
4.499	4.504		0.468		N	415389N	41
4.499	4.504		0.468		S	• 455389	45
4.499	4.504		0.468		V	• 455389V	45
4.499	4.504		0.468		S	• 475389	47
4.499	4.504		0.468		N	• 475389N	47
4.499	4.504		0.468		S	• 485389	48
4.624	4.629		0.500		S	• 456003	45
4.624	4.630		0.500		N	• 487397N	48
4.624	4.630		0.500		V	487397V <sup>RC,CW</sup>	48
<b>4.625</b>	<b>4.631</b>		<b>0.437</b>		<b>S</b>	<b>416332<sup>RC</sup></b>	<b>41</b>
<b>4.625</b>	<b>4.631</b>		<b>0.500</b>		<b>S</b>	<b>416047<sup>RC</sup></b>	<b>41</b>
4.625	4.631		0.500		S	• 456047	45
4.625	4.631		0.500		S	• 476047	47
4.625	4.631		0.500		S	• 486047	48
4.625	4.631		0.625		N	• 415172N	41

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>3.625" (3-5/8") SHAFT (cont.)</b>							
4.626	4.631		0.437		S	• 476332	47
4.626	4.631		0.437		N	• 476332N	47
4.626	4.631		0.437		S	• 486332	48
4.626	4.631		0.437		N	• 486332N	48
4.626	4.631		0.625		S	• 415172	41
4.626	4.631		0.625		V	• 415172V	41
4.626	4.631		0.625		N	• 455172N	45
4.626	4.631		0.625		V	• 455172V	45
4.725	4.730		0.312		S	• 255833	25
4.751	4.756		0.484		S	• 416333	41
4.751	4.756		0.500		T	39703 <sup>CW</sup>	FW-H
4.751	4.756		0.500		T	39813 <sup>CW</sup>	W-H
<b>4.751</b>	<b>4.756</b>		<b>0.500</b>		<b>S</b>	<b>415937<sup>RC</sup></b>	<b>41</b>
4.751	4.756		0.500		S	• 455937	45
4.751	4.756		0.500		S	• 475937	47
4.751	4.756		0.500		S	• 485937	48
4.751	4.756		0.562		S	• 455486	45
4.751	4.756		0.625		S	• 415175	41
4.751	4.756		0.625		S	• 455175	45
4.751	4.756		0.625		S	• 475175	47
4.751	4.756		0.625		S	• 485175	48
4.751	4.757		0.875		V	• 600349	#
4.810	4.820		0.921		S	370012A	07
4.839	4.844		0.500		L	55353	5L
4.874	4.879		0.585		S	485497 <sup>RC</sup>	48
4.874	4.879		0.625		S	• 455947	45
<b>4.875</b>	<b>4.881</b>		<b>0.500</b>		<b>S</b>	<b>417355<sup>RC</sup></b>	<b>41</b>
4.875	4.881		0.500		S	• 457355	45
4.875	4.881		0.500		S	• 477355	47
4.875	4.881		0.500		S	• 487355	48
4.876	4.881		0.625		S	• 415181	41
4.876	4.881		0.625		S	• 455181	45
4.999	5.004		0.468		S	• 415029	41
4.999	5.004		0.468		S	• 475029	47
4.999	5.004		0.468		S	• 485029	48
<b>4.999</b>	<b>5.004</b>		<b>0.500</b>		<b>S</b>	<b>416125<sup>RC</sup></b>	<b>41</b>
4.999	5.004		0.500		S	• 456125	45
4.999	5.004		0.500		S	• 476125	47
4.999	5.004		0.500		S	• 486125	48
5.000	5.006		0.875		S	370011A	05
<b>5.251</b>	<b>5.256</b>		<b>0.437</b>		<b>S</b>	<b>417499<sup>RC</sup></b>	<b>41</b>
5.251	5.256		0.468		S	• 416335	41
5.251	5.256		0.468		N	• 416335N	41
5.251	5.256		0.468		V	• 416335V	41
5.251	5.256		0.468		S	• 456335	45
5.251	5.256		0.468		S	• 476335	47
5.251	5.256		0.468		S	• 486335	48
<b>5.375</b>	<b>5.381</b>		<b>0.500</b>		<b>S</b>	<b>415832<sup>RC</sup></b>	<b>41</b>
5.375	5.381		0.500		S	• 455832	45
5.501	5.506		0.500		S	417500 <sup>RC</sup>	41
5.501	5.506		0.500		V	• 417500V	41
5.501	5.506		0.562		S	• 416389	41
5.501	5.506		0.562		S	• 456389	45
5.501	5.506		0.562		S	• 476389	47
5.751	5.756		0.562		S	415436 <sup>RC</sup>	41

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>3.625" (3-5/8") SHAFT (cont.)</b>							
5.751	5.756		0.562		S	• 455436	45
5.751	5.756		0.562		S	• 475436	47
5.751	5.756		0.562		S	• 485436	48
6.000	6.006		0.500		S	• 417650	41
<b>3.657" SHAFT</b>							
			0.810		T	711030 <sup>CCW</sup>	#
<b>93,00mm (3.661") SHAFT</b>							
114,00	114,30		11,60		T	711127 <sup>15,CCW</sup>	#
4.488	4.500		0.457				
114,00	114,33		11,50		T	710813 <sup>CCW</sup>	32
4.488	4.501		0.453				
114,00	114,33		13,00		V	710288 <sup>CCW</sup>	32
4.488	4.501		0.512				
5.256	5.264	6.102	0.610		T	710812 <sup>15</sup>	32
154,00	154,10		8,00		S	710266	98
6.063	6.067		0.315				
<b>3.687" (3-11/16") SHAFT</b>							
			<b>0.313</b>			<b>99368</b>	<b>Redi-Sleeve</b>
			<b>0.813</b>			<b>99359</b>	<b>Redi-Sleeve</b>
			<b>0.813</b>			<b>99365</b>	<b>Redi-Sleeve</b>
4.501	4.506		0.500		S	416919 <sup>RC</sup>	41
4.501	4.506		0.500		N	416919N <sup>RC</sup>	41
4.501	4.506		0.500		V	456919V	45
4.626	4.631		0.625		S	• 476124	47
<b>4.750</b>	<b>4.756</b>		<b>0.500</b>		<b>S</b>	<b>417501<sup>RC</sup></b>	<b>41</b>
4.999	5.004		0.468		L	55030	5L
5.250	5.256		0.468		S	416670 <sup>RC</sup>	41
5.250	5.256		0.468		N	• 416670N	41
<b>5.501</b>	<b>5.506</b>		<b>0.500</b>		<b>S</b>	<b>417502<sup>RC</sup></b>	<b>41</b>
5.501	5.506		0.562		S	• 415269	41
<b>3.730" SHAFT</b>							
			0.781			<b>99366</b>	<b>Redi-Sleeve</b>
<b>95,00mm (3.740") SHAFT</b>							
			<b>0.344</b>			<b>99374</b>	<b>Redi-Sleeve</b>
			<b>0.469</b>			<b>99364</b>	<b>Redi-Sleeve</b>
			<b>0.827</b>			<b>99369</b>	<b>Redi-Sleeve</b>
110,00	110,26		11,00		S	717005 <sup>CCW</sup>	32
4.331	4.341		0.433				
113,00	113,10		10,00		V	710352 <sup>CCW</sup>	47
4.449	4.453		0.394				
118,00	118,29		8,50		H	710060 <sup>CCW</sup>	32
4.646	4.657		0.335				
118,00	118,60		8,50		T	710600 <sup>15,CCW</sup>	32
4.646	4.669		0.335				
132,00	132,26		12,00		S	710085	90
5.197	5.207		0.472				
172,00	172,09		28,00		T	39926 <sup>CW</sup>	W-H
6.772	6.775		1.102				
<b>3.750" (3-3/4") SHAFT</b>							
			<b>0.344</b>			<b>99367</b>	<b>Redi-Sleeve</b>

SIZE SECTION

<sup>15</sup>Oil Seal & Housing; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.750" (3-3/4") SHAFT (cont.)</b>							
			<b>0.563</b>			<b>99376</b>	<b>Redi-Sleeve</b>
			<b>0.688</b>			<b>99372</b>	<b>Redi-Sleeve</b>
4.499	4.506		0.468		S	415983 <sup>RC</sup>	41
4.499	4.506		0.468		N	415983N <sup>RC</sup>	41
4.499	4.506		0.468		V	415983V	41
4.500	4.506		0.468		V	713750 <sup>RC</sup>	69
4.501	4.506		0.362		V	2377 <sup>RC</sup>	35
4.626	4.631		0.437		S	• 476336	47
4.626	4.631		0.437		S	• 486336	48
<b>4.626</b>	<b>4.632</b>		<b>0.500</b>		S	<b>416041<sup>RC</sup></b>	<b>41</b>
4.626	4.632		0.500		S	• 456041	45
4.626	4.632		0.500		S	• 476041	47
4.626	4.632		0.500		S	• 486041	48
4.750	4.756		0.375		V	• 486923V	48
4.750	4.756		0.500		V	3893V	45
4.750	4.756		0.500		T	39608 <sup>CCW</sup>	DW-H
4.750	4.756		0.500		T	39705 <sup>CW</sup>	FW-H
4.750	4.756		0.500		T	39837 <sup>CCW</sup>	W-H
4.751	4.756		0.375		N	• 486544N	48
4.751	4.756		0.484		N	415963N	41
4.751	4.756		0.484		V	• 415963V	41
4.751	4.756		0.484		N	• 455963N	45
4.751	4.756		0.500		H	2218 <sup>RC,CCW</sup>	47
<b>4.751</b>	<b>4.756</b>		<b>0.500</b>		S	<b>415379<sup>RC</sup></b>	<b>41</b>
4.751	4.756		0.500		N	• 415379N	41
4.751	4.756		0.500		V	415379V <sup>RC</sup>	41
4.751	4.756		0.500		S	455379 <sup>RC</sup>	45
4.751	4.756		0.500		N	• 455379N	45
4.751	4.756		0.500		S	475379 <sup>RC</sup>	47
4.751	4.756		0.500		N	• 475379N	47
4.751	4.756		0.500		S	• 485379	48
4.751	4.756		0.500		N	• 485379N	48
4.751	4.756		0.625		S	• 415177	41
4.751	4.756		0.625		S	• 475177	47
4.751	4.756		0.625		S	• 485177	48
<b>4.875</b>	<b>4.881</b>		<b>0.500</b>		S	<b>417205<sup>RC</sup></b>	<b>41</b>
4.875	4.881		0.500		S	• 457205	45
4.875	4.881		0.500		S	• 477205	47
4.875	4.881		0.500		S	• 487205	48
4.876	4.881		0.625		S	• 415183	41
4.876	4.881		0.625		S	• 455183	45
4.999	5.004		0.250		S	45031S	4S
4.999	5.004		0.468		S	• 415031	41
4.999	5.004		0.468		N	• 415031N	41
<b>4.999</b>	<b>5.004</b>		<b>0.468</b>		S	<b>455031<sup>RC</sup></b>	<b>45</b>
4.999	5.004		0.468		N	• 455031N	45
4.999	5.004		0.468		S	• 475031	47
4.999	5.004		0.468		V	• 475031V	47
4.999	5.004		0.468		S	• 485031	48
<b>4.999</b>	<b>5.004</b>		<b>0.500</b>		S	<b>416339<sup>RC</sup></b>	<b>41</b>
4.999	5.004		0.500		N	• 416339N	41
4.999	5.004		0.500		S	• 456339	45
4.999	5.004		0.500		S	• 476339	47
4.999	5.004		0.500		S	• 486339	48
<b>5.251</b>	<b>5.256</b>		<b>0.468</b>		S	<b>415150<sup>RC</sup></b>	<b>41</b>

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.750" (3-3/4") SHAFT (cont.)</b>							
5.251	5.256		0.468		V	• 455150V	45
5.251	5.256		0.468		S	• 475150	47
5.251	5.256		0.468		S	• 485150	48
<b>5.376</b>	<b>5.381</b>		<b>0.500</b>		S	<b>416127<sup>RC</sup></b>	<b>41</b>
5.376	5.381		0.500		S	• 456127	45
<b>5.501</b>	<b>5.506</b>		<b>0.500</b>		S	<b>417503<sup>RC</sup></b>	<b>41</b>
5.501	5.506		0.562		S	• 415423	41
5.501	5.506		0.562		S	• 455423	45
5.501	5.506		0.562		S	• 475423	47
5.501	5.506		0.562		S	• 485423	48
5.751	5.756		0.562		S	• 415852	41
5.751	5.756		0.562		S	• 455852	45
5.751	5.756		0.562		S	• 475852	47
5.751	5.756		0.562		S	• 485852	48
<b>96,00mm (3.780") SHAFT</b>							
116,00	116,26		9,00		V	710262 <sup>CCW</sup>	32
4.567	4.577		0.354				
116,00	116,28		12,00		T	710815 <sup>CCW</sup>	32
4.567	4.578		0.472				
<b>3.797" SHAFT</b>							
4.501	4.506		0.250		S	8370S	4S
<b>3.812" (3-13/16") SHAFT</b>							
4.751	4.756		0.625		S	• 455178	45
4.876	4.881		0.500		S	417504 <sup>RC</sup>	41
4.999	5.004		0.468		S	455032 <sup>RC</sup>	45
5.251	5.256		0.468		S	455189 <sup>RC</sup>	45
5.251	5.256		0.468		N	• 455189N	45
<b>97,00mm (3.819") SHAFT</b>							
117,00	117,30		7,50		V	710858 <sup>CCW</sup>	32
4.606	4.618		0.295				
<b>3.858" SHAFT</b>							
110,00	110,30		8,50		V	710669 <sup>CCW</sup>	35
4.331	4.343		0.335				
114,00	114,30		8,00		V	710900 <sup>CCW</sup>	32
4.488	4.500		0.315				
4.525	4.540		0.492		T	100085 <sup>CCW</sup>	FW-H
116,00	116,28		10,00		V	710520 <sup>BI</sup>	32
4.567	4.578		0.394				
118,00	118,20		10,00		N	710789 <sup>CCW</sup>	32
4.646	4.654		0.394				
<b>3.871" SHAFT</b>							
	<b>0.813</b>					<b>99386</b>	<b>Redi-Sleeve</b>
<b>3.875" (3-7/8") SHAFT</b>							
			<b>0.813</b>			<b>99387</b>	<b>Redi-Sleeve</b>
4.626	4.631		0.437		S	• 476341	47
4.626	4.631		0.625		S	• 416342	41
4.626	4.631		0.625		N	• 416342N	41
4.686	4.691		0.375		N	• 476098N	47
4.750	4.756		0.375		S	• 476985	47
4.750	4.756		0.375		S	• 486985	48
4.750	4.756		0.375		V	• 486985V	48

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.875" (3-7/8") SHAFT (cont.)</b>							
4.751	4.756		0.375		S	417210 <sup>RC</sup>	41
4.751	4.756		0.484		S	• 456343	45
4.751	4.756		0.500		S	• 456981	45
4.751	4.756		0.625		S	• 415179	41
4.751	4.756		0.625		N	• 455179N	45
4.751	4.756		0.625		S	• 475179	47
4.751	4.756		0.625		S	• 485179	48
4.751	4.756		0.625		N	• 485179N	48
4.875	4.881		0.500		S	417211 <sup>RC</sup>	41
4.875	4.881		0.500		S	• 477211	47
4.875	4.881		0.500		S	• 487211	48
4.876	4.881		0.500		S	• 456626	45
4.876	4.881		0.625		S	• 415185	41
4.876	4.881		0.625		N	• 415185N	41
4.876	4.881		0.625		S	• 455185	45
4.876	4.881		0.625		N	• 455185N	45
4.999	5.004		0.468		S	• 415033	41
4.999	5.004		0.468		N	• 415033N	41
4.999	5.004		0.468		S	455033	45
4.999	5.004		0.468		S	• 475033	47
4.999	5.004		0.468		S	• 485033	48
4.999	5.004		0.468		V	• 485033V	48
4.999	5.004		0.500		S	416345 <sup>RC</sup>	41
4.999	5.004		0.500		S	• 456345	45
4.999	5.004		0.500		N	• 456345N	45
4.999	5.004		0.500		S	• 476345	47
4.999	5.004		0.500		S	• 486345	48
5.125	5.131		0.500		S	415697 <sup>RC</sup>	41
5.125	5.131		0.500		S	• 455697	45
5.125	5.131		0.500		S	• 475697	47
5.125	5.131		0.500		S	• 485697	48
5.126	5.131		0.625		S	• 415547	41
5.126	5.131		0.625		S	455547	45
5.126	5.131		0.625		N	• 455547N	45
5.126	5.132		0.605		S	370033A <sup>RC</sup>	06
5.250	5.256		0.500		S	417366 <sup>RC</sup>	41
5.250	5.256		0.500		S	• 457366	45
5.250	5.256		0.500		S	• 477366	47
5.250	5.256		0.500		S	• 487366	48
5.251	5.256		0.468		S	• 415148	41
5.251	5.256		0.468		S	• 455148	45
5.251	5.256		0.468		S	• 475148	47
5.251	5.256		0.468		S	• 485148	48
5.376	5.381		0.500		S	415958 <sup>RC</sup>	41
5.376	5.381		0.500		S	455958	45
5.376	5.381		0.895		S	370165A <sup>RC</sup>	03
5.501	5.506		0.500		S	417505 <sup>RC</sup>	41
5.501	5.506		0.562		S	• 416128	41
5.501	5.506		0.562		S	• 456128	45
5.501	5.506		0.562		S	• 476128	47
5.501	5.506		0.562		S	• 486128	48
5.501	5.515		0.875		S	370024A	11
5.689	5.704		0.880		S	370023A <sup>20</sup>	11
5.690	5.703		0.770		T	380023A	10
5.751	5.756		0.562		S	416043 <sup>RC</sup>	41

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>3.875" (3-7/8") SHAFT (cont.)</b>							
5.751	5.756		0.562		S	• 456043	45
5.751	5.756		0.562		S	• 476043	47
5.751	5.756		0.562		S	• 486043	48
6.064	6.070		0.625		S	• 456676	45
<b>3.880" SHAFT</b>							
5.690	5.695		0.500		S	456618 <sup>RC</sup>	45
<b>99,00mm (3.898") SHAFT</b>							
115,00	115,30		10,00		T	710855 <sup>15,CCW</sup>	32
4.528	4.539		0.394				
119,00	119,10		9,50		V	710526 <sup>CCW</sup>	32
4.685	4.689		0.374				
<b>3.908" SHAFT</b>							
4.875	4.881		0.500		S	• 416037	41
<b>3.934" SHAFT</b>							
5.906	5.911		0.500		S	476517	47
<b>100,00mm (3.937") SHAFT</b>							
			0.813			99393 Redi-Sleeve	
			0.813			99854 Redi-Sleeve	
114,00	114,30		12,00		N	710518	47
4.488	4.500		0.472				
115,00	115,30		7,00		T	711125 <sup>CCW</sup>	#
4.528	4.539		0.276				
115,00	115,30		8,00		V	711130 <sup>CCW</sup>	#
4.528	4.539		0.315				
118,00	118,20		8,50		V	710639 <sup>CCW</sup>	32
4.646	4.654		0.335				
120,00	120,12		11,00		H	231004	32
4.724	4.735		0.433				
120,00	120,30		11,00		T	711126 <sup>CCW</sup>	#
4.724	4.736		0.433				
120,00	120,32		9,50		N	710471 <sup>CCW</sup>	32
4.724	4.737		0.374				
4.740	4.753		0.810		T	710841 <sup>15,CCW</sup>	#
4.876	4.881		0.500		S	417967 <sup>RC</sup>	41
4.876	4.881		0.625		S	455186 <sup>RC</sup>	45
4.876	4.882		0.625		S	• 415186	41
124,00	124,20		13,00		V	710290 <sup>CCW</sup>	32
4.882	4.890		0.512				
125,00	125,28		12,00		S	231003	35
4.921	4.932		0.472				
4.990	5.004		0.468		V	• 415034V	41
4.999	5.004		0.468		S	415034 <sup>RC</sup>	41
4.999	5.004		0.468		V	• 415034VAR	41
4.999	5.004		0.468		S	455034 <sup>RC</sup>	45
4.999	5.004		0.468		N	• 455034N	45
4.999	5.004		0.468		V	• 455034V	45
4.999	5.004		0.500		S	• 416350	41
4.999	5.004		0.500		S	• 456350	45
5.126	5.133		0.562		V	710466 <sup>RC,BI</sup>	47
5.126	5.140		0.605		S	370371A	11
5.251	5.256		0.468		S	455191 <sup>RC</sup>	45
5.371	5.377		0.906		S	6270 <sup>RC</sup>	21

SIZE SECTION

<sup>15</sup>Oil Seal & Housing; <sup>20</sup>Dynamic Edge; <sup>B</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>100,00mm (3.937") SHAFT (cont.)</b>							
5.372	5.386		1.015		S	370008A	11
5.376	5.381		0.500		S	415263 <sup>RC</sup>	41
<b>5.501</b>	<b>5.506</b>		<b>0.500</b>		<b>S</b>	<b>417506<sup>RC</sup></b>	<b>41</b>
5.501	5.506		0.562		S	• 455575	45
5.501	5.507		0.937		S	370009A <sup>RC</sup>	03
5.501	5.511		0.957		T	380009A	10
145,00	145,10		15,00		N	710278	59
5.709	5.713		0.591				
5.906	5.911		0.500		S	• 486517	48
<b>3.938" SHAFT</b>							
4.999	5.004		0.438		V	458309	45
<b>101,00mm (3.976") SHAFT</b>							
114,00	114,10		10,00		S	710371	25
4.488	4.492		0.394				
<b>3.977" SHAFT</b>							
5.376	5.381		0.500		S	• 455608	45
<b>3.992" SHAFT</b>							
5.875	5.881		0.625		S	• 417401	41
<b>4.000" (4-3/32") SHAFT</b>							
			<b>0.500</b>			<b>99401 Redi-Sleeve</b>	
			<b>0.600</b>			<b>99395 Redi-Sleeve</b>	
			<b>0.650</b>			<b>99400 Redi-Sleeve</b>	
			<b>0.813</b>			<b>99399 Redi-Sleeve</b>	
4.501	4.506		0.250		S	447801	44
4.562	4.568		0.375		N	335924N	33
4.625	4.630		0.328		S	797741	#
4.876	4.881		0.250		S	45187S	4S
4.876	4.881		0.625		S	415187 <sup>RC</sup>	41
4.998	5.004		0.375		N	• 457382N	45
4.998	5.006		0.500		S	327215	32
4.999	5.004		0.375		S	475845 <sup>RC</sup>	47
<b>4.999</b>	<b>5.004</b>		<b>0.468</b>		<b>S</b>	<b>415035<sup>RC</sup></b>	<b>41</b>
4.999	5.004		0.468		N	• 415035N	41
4.999	5.004		0.468		V	415035V <sup>RC</sup>	41
4.999	5.004		0.468		S	• 475035	47
4.999	5.004		0.468		S	• 485035	48
4.999	5.004		0.468		N	• 485035N	48
4.999	5.004		0.468		H	710022 <sup>RC</sup>	45
4.999	5.004		0.469		V	714713 <sup>RC,BI</sup>	96
4.999	5.004		0.500		S	415953 <sup>RC</sup>	41
4.999	5.004		0.500		N	• 415953N	41
4.999	5.004		0.500		V	415953V <sup>RC</sup>	41
4.999	5.004		0.500		N	• 455953N	45
4.999	5.004		0.500		S	• 475953	47
4.999	5.004		0.500		S	• 485953	48
4.999	5.005		0.468		S	455035	45
4.999	5.005		0.468		N	455035N	45
4.999	5.005		0.500		T	37939 <sup>CCW</sup>	PDW
4.999	5.008		0.312		S	345035	34
5.000	5.005		0.312		N	• 456967N	45
5.000	5.005		0.312		V	456967V <sup>RC</sup>	45

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.000" (4-3/32") SHAFT (cont.)</b>							
5.000	5.005		0.500		T	39723 <sup>CW</sup>	FW-H
5.125	5.130		0.312		V	• 457649V	45
<b>5.125</b>	<b>5.131</b>		<b>0.500</b>		<b>S</b>	<b>417356<sup>RC</sup></b>	<b>41</b>
5.125	5.131		0.500		S	• 457356	45
5.125	5.131		0.500		S	• 477356	47
5.125	5.131		0.500		S	• 487356	48
5.126	5.131		0.625		S	• 415188	41
5.126	5.131		0.625		S	455188	45
5.250	5.256		0.375		N	• 456946N	45
<b>5.250</b>	<b>5.256</b>		<b>0.500</b>		<b>S</b>	<b>417357<sup>RC</sup></b>	<b>41</b>
5.250	5.256		0.500		S	• 457357	45
5.250	5.256		0.500		S	• 477357	47
5.250	5.256		0.500		S	• 487357	48
5.251	5.256		0.468		S	• 415192	41
5.251	5.256		0.468		N	415192N <sup>RC</sup>	41
5.251	5.256		0.468		S	455192	45
5.251	5.256		0.468		S	• 475192	47
5.251	5.256		0.468		N	• 475192N	47
5.251	5.256		0.468		S	• 485192	48
5.374	5.379		0.500		S	• 455512	45
5.375	5.381		0.500		S	• 476130	47
5.375	5.381		0.500		S	• 486130	48
5.375	5.381		1.000		S	370015A <sup>RC</sup>	03
<b>5.376</b>	<b>5.381</b>		<b>0.500</b>		<b>S</b>	<b>416130<sup>RC</sup></b>	<b>41</b>
5.376	5.381		0.500		S	• 456130	45
5.500	5.506		0.500		S	• 456887	45
5.500	5.506		0.562		N	• 415036N	41
<b>5.501</b>	<b>5.506</b>		<b>0.562</b>		<b>S</b>	<b>415036<sup>RC</sup></b>	<b>41</b>
5.501	5.506		0.562		S	• 475036	47
5.501	5.506		0.562		S	• 485036	48
5.510	5.560		0.320		S	• 200947 <sup>B</sup>	200E
5.626	5.631		0.500		S	• 415513	41
5.626	5.631		0.500		S	455513 <sup>RC</sup>	45
5.626	5.631		0.500		N	455513N	45
<b>5.626</b>	<b>5.632</b>		<b>0.375</b>		<b>S</b>	<b>417507<sup>RC</sup></b>	<b>41</b>
5.626	5.632		0.605		S	370066A <sup>RC</sup>	06
5.689	5.695		0.500		S	• 456873	45
<b>5.751</b>	<b>5.756</b>		<b>0.562</b>		<b>S</b>	<b>415041<sup>RC</sup></b>	<b>41</b>
5.751	5.756		0.562		N	• 415041N	41
5.751	5.756		0.562		S	• 475041	47
5.751	5.756		0.562		S	• 485041	48
5.752	5.765		0.965		T	380036A	10
5.757	5.771		0.955		S	370036A	11
5.757	5.798		0.600		S	370349A	02
<b>5.999</b>	<b>6.005</b>		<b>0.500</b>		<b>S</b>	<b>417509<sup>RC</sup></b>	<b>41</b>
5.999	6.007		0.625		S	• 415201	41
5.999	6.007		0.625		S	• 455201	45
5.999	6.007		0.625		S	• 475201	47
5.999	6.007		0.625		S	• 485201	48
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>417223<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.562		S	• 415054	41
6.250	6.256		0.562		S	• 475054	47
6.250	6.256		0.562		S	• 485054	48
6.312	6.318		0.500		S	• 417123	41
6.312	6.318		0.500		S	• 477123	47

SIZE SECTION



Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.000" (4-3/32") SHAFT (cont.)</b>							
6.375	6.382		0.500		S	• 476816	47
<b>4.040" SHAFT</b>							
5.122	5.129		0.945		S	370198A <sup>16</sup>	11
<b>4.050" (4-1/16") SHAFT</b>							
5.501	5.506		0.671		S	6864S <sup>RC</sup>	45
<b>4.062" SHAFT</b>							
5.501	5.506		0.562		S	455037 <sup>RC</sup>	45
<b>104,00mm (4.094") SHAFT</b>							
			<b>0.787</b>			<b>99409 Redi-Sleeve</b>	
128,00	128,20		11,00		T	710603 <sup>CCW</sup>	32
5.039	5.047		0.433				
139,00	139,20		13,00		V	710892	32
5.472	5.480		0.512				
<b>4.125" (4-1/8") SHAFT</b>							
			<b>0.813</b>			<b>99412 Redi-Sleeve</b>	
4.999	5.004		0.468		N	6565N <sup>RC</sup>	41
4.999	5.004		0.468		S	• 415134	41
4.999	5.004		0.468		N	• 415134N	41
<b>4.999</b>	<b>5.005</b>		<b>0.468</b>		<b>S</b>	<b>455134<sup>RC</sup></b>	<b>45</b>
4.999	5.005		0.468		N	• 455134N	45
4.999	5.005		0.468		V	• 455134V	45
4.999	5.005		1.037		T	37921 <sup>CCW</sup>	PDW
5.126	5.131		0.625		S	• 455393	45
<b>5.126</b>	<b>5.132</b>		<b>0.500</b>		<b>S</b>	<b>417511<sup>RC</sup></b>	<b>41</b>
<b>5.251</b>	<b>5.256</b>		<b>0.468</b>		<b>S</b>	<b>415142<sup>RC</sup></b>	<b>41</b>
5.251	5.256		0.468		S	• 455142	45
5.375	5.382		0.605		S	370094A <sup>RC</sup>	06
5.501	5.506		0.500		S	417512 <sup>RC</sup>	41
<b>5.751</b>	<b>5.756</b>		<b>0.562</b>		<b>S</b>	<b>415043<sup>RC</sup></b>	<b>41</b>
6.000	6.007		0.625		S	455203 <sup>RC</sup>	45
6.250	6.256		0.562		S	455056 <sup>RC</sup>	45
<b>4.134" SHAFT</b>							
			<b>0.787</b>			<b>99413 Redi-Sleeve</b>	
<b>4.166" SHAFT</b>							
5.500	5.506		0.605		S	370106A <sup>RC</sup>	06
5.501	5.506		0.600		S	9128S <sup>RC,BI</sup>	45
5.625	6.800		0.210		S	2064 <sup>22</sup>	#
<b>4.187" (4-3/16") SHAFT</b>							
			<b>0.813</b>			<b>99418 Redi-Sleeve</b>	
4.999	5.004		0.375		S	418038 <sup>RC</sup>	41
<b>4.999</b>	<b>5.004</b>		<b>0.468</b>		<b>S</b>	<b>415295<sup>RC</sup></b>	<b>41</b>
4.999	5.004		0.468		S	• 455295	45
5.125	5.131		0.500		V	• 455081V	45
5.251	5.256		0.468		S	455194 <sup>RC</sup>	45
5.500	5.506		0.500		S	• 456889	45
<b>5.501</b>	<b>5.506</b>		<b>0.500</b>		<b>S</b>	<b>417513<sup>RC</sup></b>	<b>41</b>
5.501	5.506		0.562		S	• 415039	41
5.501	5.506		0.562		N	• 415039N	41
5.501	5.506		0.562		S	• 455039	45

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.187" (4-3/16") SHAFT (cont.)</b>							
<b>5.751</b>	<b>5.756</b>		<b>0.500</b>		<b>S</b>	<b>417514<sup>RC</sup></b>	<b>41</b>
5.751	5.756		0.562		S	• 415044	41
5.751	5.756		0.562		S	• 455044	45
5.999	6.007		0.625		S	• 455204	45
<b>6.000</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>417515<sup>RC</sup></b>	<b>41</b>
6.000	6.007		0.625		S	• 416673	41
6.000	6.007		0.625		N	• 416673N	41
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>417516<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.500		V	• 417516V	41
6.250	6.256		0.562		S	• 455057	45
6.373	6.381		0.625		S	• 455625	45
<b>107,00mm (4.2130") SHAFT</b>							
123,00	123,10		11,00		S	710295	47
4.843	4.846		0.433				
<b>4.230" SHAFT</b>							
			<b>0.781</b>			<b>99423 Redi-Sleeve</b>	
<b>4.241" SHAFT</b>							
5.105	5.113		0.390		T	710698 <sup>CCW</sup>	32
<b>4.250" (4-1/4") SHAFT</b>							
5.250	5.256		0.250		S	47150S	4S
<b>5.250</b>	<b>5.256</b>		<b>0.500</b>		<b>S</b>	<b>416556<sup>RC</sup></b>	<b>41</b>
5.250	5.256		0.500		S	• 456556	45
5.250	5.256		0.500		S	• 476556	47
5.250	5.256		0.500		S	• 486556	48
5.251	5.256		0.375		S	• 452157SSR	45
<b>5.251</b>	<b>5.256</b>		<b>0.375</b>		<b>S</b>	<b>472157<sup>RC</sup></b>	<b>47</b>
5.251	5.256		0.375		N	• 482157N	48
5.251	5.256		0.438		V	458304	45
5.251	5.256		0.468		S	• 415195	41
5.251	5.256		0.468		N	• 415195N	41
5.251	5.256		0.468		S	455195	45
5.251	5.256		0.468		V	• 455195V	45
5.251	5.256		0.468		S	• 475195	47
5.251	5.256		0.468		N	• 475195N	47
5.251	5.256		0.468		S	• 485195	48
5.251	5.256		0.468		H	485195H <sup>RC</sup>	48
5.251	5.256		0.625		S	• 415712	41
5.251	5.256		0.625		S	• 455712	45
5.251	5.256		0.625		N	• 455712N	45
5.375	5.381		0.500		S	• 475196	47
<b>5.376</b>	<b>5.381</b>		<b>0.500</b>		<b>S</b>	<b>415196<sup>RC</sup></b>	<b>41</b>
5.376	5.381		0.500		N	• 415196N	41
5.376	5.381		0.500		N	• 455196N	45
5.376	5.381		0.500		S	• 485196	48
<b>5.500</b>	<b>5.506</b>		<b>0.500</b>		<b>S</b>	<b>416891<sup>RC</sup></b>	<b>41</b>
5.500	5.506		0.500		S	• 456891	45
5.500	5.506		0.500		S	• 476891	47
5.500	5.506		0.500		S	• 486891	48
5.501	5.506		0.562		S	• 415040	41
5.501	5.506		0.562		N	• 415040N	41
5.501	5.506		0.562		N	• 455040N	45
5.501	5.506		0.562		S	• 475040	47

SIZE SECTION

<sup>16</sup>Spindle Mount; <sup>22</sup>Inside Diameter Rides On Ball; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order



Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>4.250" (4-1/4") SHAFT (cont.)</b>							
5.501	5.506		0.562		S • 485040	48	
5.625	5.631		0.500		S • 476135	47	
5.625	5.631		0.500		S • 486135	48	
<b>5.626</b>	<b>5.631</b>		<b>0.500</b>		<b>S 416135<sup>RC</sup></b>	<b>41</b>	
5.626	5.631		0.500		S • 456135	45	
<b>5.751</b>	<b>5.756</b>		<b>0.562</b>		<b>S 415045<sup>RC</sup></b>	<b>41</b>	
5.751	5.756		0.562		S • 455045	45	
5.751	5.756		0.562		S • 475045	47	
5.751	5.756		0.562		S • 485045	48	
5.876	5.881		0.500		V • 457661V	45	
5.876	5.881		0.625		S • 416136	41	
5.876	5.881		0.625		N • 416136N	41	
5.876	5.881		0.625		N • 456136N	45	
5.876	5.881		0.625		V • 456136V	45	
<b>5.999</b>	<b>6.005</b>		<b>0.500</b>		<b>S 416137<sup>RC</sup></b>	<b>41</b>	
5.999	6.007		0.625		S • 415205	41	
5.999	6.007		0.625		S • 455205	45	
5.999	6.007		0.625		N • 455205N	45	
5.999	6.007		0.625		S • 475205	47	
5.999	6.007		0.625		S • 485205	48	
6.007	6.020		1.000		T 380065A	10	
6.008	6.014		1.000		S 370065A <sup>2D</sup>	11	
6.008	6.050		0.680		S 376590A	04	
6.035	6.047		0.915		S 370107A <sup>RC</sup>	03	
6.064	6.071		0.605		S 370030A <sup>RC</sup>	06	
<b>6.126</b>	<b>6.133</b>		<b>0.500</b>		<b>S 417518<sup>RC</sup></b>	<b>41</b>	
6.127	6.132		0.625		S • 455473	45	
<b>6.250</b>	<b>6.256</b>		<b>0.562</b>		<b>S 415058<sup>RC</sup></b>	<b>41</b>	
6.250	6.256		0.562		S • 475058	47	
6.250	6.256		0.562		S • 485058	48	
6.250	6.263		1.188		T 380031A	10	
6.250	6.264		1.188		S 370031A	11	
6.750	6.757		0.625		S • 417452	41	
<b>4.252" SHAFT</b>							
			<b>0.813</b>		<b>99424 Redi-Sleeve</b>		
6.007	6.040		0.580		T 386590A	13	
<b>109,00mm (4.291") SHAFT</b>							
130,00	130,30		12,50		T 711003 <sup>CCW</sup>	40	
5.118	5.130		0.492				
<b>4.312" (4-5/16") SHAFT</b>							
5.376	5.381		0.500		S 456141 <sup>RC</sup>	45	
5.501	5.506		0.562		S 455197 <sup>RC</sup>	45	
5.501	5.506		0.562		N 455197N <sup>RC</sup>	45	
<b>5.751</b>	<b>5.756</b>		<b>0.500</b>		<b>S 417520<sup>RC</sup></b>	<b>41</b>	
5.751	5.756		0.562		S • 455046	45	
<b>5.999</b>	<b>6.005</b>		<b>0.500</b>		<b>S 416144<sup>RC</sup></b>	<b>41</b>	
5.999	6.007		0.625		S • 455206	45	
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S 417238<sup>RC</sup></b>	<b>41</b>	
6.250	6.256		0.562		S • 455059	45	
6.250	6.256		0.562		N • 455059N	45	
<b>110,00mm (4.331") SHAFT</b>							
			<b>0.448</b>		<b>99434 Redi-Sleeve</b>		

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>110,00mm (4.331") SHAFT (cont.)</b>							
			<b>0.509</b>			<b>99435 Redi-Sleeve</b>	
125,00	125,30		12,00		T 711132 <sup>CCW</sup>	#	
4.921	4.933		0.472				
130,00	130,15		13,00		T 710552 <sup>CCW</sup>	34	
5.118	5.124		0.512				
130,00	130,30		10,00		V 325776 <sup>CCW</sup>	32	
5.118	5.130		0.394				
170,00	170,18		12,70		S 476518 <sup>RC</sup>	47	
6.693	6.700		0.500				
<b>4.374" SHAFT</b>							
			<b>0.813</b>			<b>99437 Redi-Sleeve</b>	
<b>4.375" (4-3/8") SHAFT</b>							
5.373	5.500		0.570		N 7354N <sup>B</sup>	8S	
5.373	5.500		0.570		V 7354V <sup>B</sup>	8S	
5.375	5.383		0.500		S • 4291	#	
5.375	5.425		0.500		V 4291V <sup>B</sup>	#	
5.376	5.381		0.500		S 415425 <sup>RC</sup>	41	
5.376	5.381		0.500		V • 415425V	41	
5.425	5.383		0.500		S • 4291SC	#	
<b>5.500</b>	<b>5.506</b>		<b>0.500</b>		<b>S 416380<sup>RC</sup></b>	<b>41</b>	
5.500	5.506		0.500		S • 456380	45	
5.500	5.506		0.500		S • 476380	47	
5.500	5.506		0.500		S • 486380	48	
5.501	5.506		0.562		S • 415198	41	
5.501	5.506		0.562		S • 415198A	41	
5.501	5.506		0.562		N • 455198N	45	
5.501	5.506		0.562		S • 475198	47	
5.501	5.506		0.562		S • 485198	48	
5.502	5.506		0.500		T 39849 <sup>CW</sup>	FW-H	
5.626	5.631		0.500		S 416147 <sup>RC</sup>	41	
<b>5.751</b>	<b>5.756</b>		<b>0.562</b>		<b>S 415047<sup>RC</sup></b>	<b>41</b>	
5.751	5.756		0.562		S • 455047	45	
5.751	5.756		0.562		S • 475047	47	
5.751	5.756		0.562		S • 485047	48	
5.757	5.763		1.000		S 370037A <sup>RC</sup>	03	
5.757	5.798		0.600		S 370338A	02	
5.905	5.910		1.000		S 370182A	08	
5.905	5.911		1.000		S 370048A <sup>RC</sup>	03	
5.905	5.918		1.015		T 380048A	10	
<b>5.999</b>	<b>6.005</b>		<b>0.500</b>		<b>S 416149<sup>RC</sup></b>	<b>41</b>	
5.999	6.007		0.500		N • 476149N	47	
5.999	6.007		0.625		S • 415207	41	
5.999	6.007		0.625		S • 455207	45	
5.999	6.007		0.625		S • 475207	47	
5.999	6.007		0.625		S • 485207	48	
6.064	6.071		0.625		S 6635S <sup>RC</sup>	45	
6.064	6.071		0.625		S • 455861	45	
6.125	6.131		0.500		S 417522 <sup>RC</sup>	41	
6.125	6.131		0.500		V • 417522V	41	
6.125	6.131		0.562		S • 456150	45	
6.127	6.132		0.625		S • 415573	41	
6.250	6.256		0.562		S 415060 <sup>RC</sup>	41	
6.250	6.256		0.562		S • 475060	47	
6.250	6.256		0.562		S • 485060	48	

Size Section

RADIAL SHAFT SEALS

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.375" (4-3/8") SHAFT (cont.)</b>							
6.251	6.257		0.605		S	370019A <sup>RC</sup>	06
6.311	6.317		1.090		S	370034A <sup>RC</sup>	03
<b>4.400" SHAFT</b>							
5.235	5.242		0.375		V	710885 <sup>CCW</sup>	32
<b>4.409" SHAFT</b>							
			<b>0.750</b>			<b>99438 Redi-Sleeve</b>	
<b>4.437" (4-7/16") SHAFT</b>							
			<b>1.000</b>			<b>99439 Redi-Sleeve</b>	
5.500	5.506		0.500		S	417295 <sup>RC</sup>	41
<b>5.500</b>	<b>5.506</b>		<b>0.562</b>		<b>S</b>	<b>457295<sup>RC</sup></b>	<b>25</b>
5.751	5.756		0.500		S	417525 <sup>RC</sup>	41
5.999	6.007		0.500		S	417526 <sup>RC</sup>	41
<b>4.500" (4-1/2") SHAFT</b>							
			<b>0.813</b>			<b>99450 Redi-Sleeve</b>	
5.251	5.256		0.438		V	418305	41
5.251	5.259		0.437		S	327303	32
5.374	5.384		0.884		S	370124A	07
5.376	5.381		0.437		S	417530 <sup>RC</sup>	41
<b>5.500</b>	<b>5.506</b>		<b>0.500</b>		<b>S</b>	<b>416888<sup>RC</sup></b>	<b>41</b>
5.500	5.506		0.500		S	• 456888	45
5.500	5.506		0.500		N	• 456888N	45
5.500	5.506		0.500		V	• 456888V	45
5.500	5.506		0.500		S	• 476888	47
5.500	5.506		0.500		V	• 476888V	47
5.500	5.506		0.500		S	• 486888	48
5.500	5.506		0.562		S	455200 <sup>RC</sup>	45
5.500	5.506		0.562		N	455200N	45
5.500	5.506		0.562		V	• 455200V	45
5.500	5.507		0.500		V	416888V <sup>RC</sup>	41
5.500	5.515		0.675		S	370178A	07
5.501	5.506		0.438		V	458306	45
5.501	5.506		0.500		N	• 456030N	45
5.501	5.506		0.562		N	• 415200N	41
5.501	5.506		0.562		V	• 415200V	41
5.501	5.506		0.562		S	• 475200	47
5.501	5.506		0.562		S	• 485200	48
5.501	5.507		0.380		S	• 477439	47
<b>5.625</b>	<b>5.631</b>		<b>0.500</b>		<b>S</b>	<b>416153<sup>RC</sup></b>	<b>41</b>
5.625	5.631		0.500		V	• 416153V	41
5.625	5.631		0.500		S	• 476153	47
5.625	5.631		0.500		S	• 486153	48
5.750	5.753		1.000		T	380022A	10
<b>5.750</b>	<b>5.756</b>		<b>0.500</b>		<b>S</b>	<b>416892<sup>RC</sup></b>	<b>41</b>
5.750	5.756		0.500		S	• 456892	45
5.750	5.756		0.500		S	• 476892	47
5.750	5.756		0.500		S	• 486892	48
5.750	5.764		1.000		S	370022A	11
5.751	5.756		0.375		V	477727	47
5.751	5.756		0.562		S	• 415049	41
5.751	5.756		0.562		S	• 475049	47
5.751	5.756		0.562		S	• 485049	48
<b>5.876</b>	<b>5.881</b>		<b>0.500</b>		<b>S</b>	<b>417531<sup>RC</sup></b>	<b>41</b>

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.500" (4-1/2") SHAFT (cont.)</b>							
5.876	5.881		0.625		S	• 415342	41
5.876	5.881		0.625		S	• 455342	45
5.876	5.889		0.984		T	380131A	10
5.876	5.890		0.984		S	370131A	11
<b>5.999</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>416154<sup>RC</sup></b>	<b>41</b>
5.999	6.007		0.500		S	• 476154	47
5.999	6.007		0.625		S	• 415209	41
5.999	6.007		0.625		N	• 415209N	41
5.999	6.007		0.625		S	• 475209	47
5.999	6.007		0.625		S	• 485209	48
6.000	6.007		0.984		S	370020A <sup>RC</sup>	03
6.001	6.007		0.500		S	• 456800	45
6.001	6.007		0.625		S	• 455209	45
<b>6.125</b>	<b>6.131</b>		<b>0.562</b>		<b>S</b>	<b>416070<sup>RC</sup></b>	<b>41</b>
6.127	6.132		0.562		S	• 455601	45
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>415351<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.500		S	• 455351	45
6.250	6.256		0.562		S	• 415062	41
6.250	6.256		0.562		N	• 455062N	45
6.250	6.256		0.562		V	• 455062V	45
6.250	6.256		0.562		S	• 475062	47
6.250	6.256		0.562		S	• 485062	48
6.251	6.265		0.605		S	370021A	11
6.310	6.316		1.175		S	370086A <sup>RC</sup>	03
<b>6.374</b>	<b>6.382</b>		<b>0.500</b>		<b>S</b>	<b>417532<sup>RC</sup></b>	<b>41</b>
6.374	6.382		0.625		S	• 455325	45
6.441	6.447		0.937		S	370192A <sup>RC</sup>	03
6.622	6.629		1.093		S	370078A <sup>RC</sup>	03
<b>115,00mm (4.528") SHAFT</b>							
			<b>0.813</b>			<b>99452 Redi-Sleeve</b>	
135,00	135,20		10,00		V	710258 <sup>CCW</sup>	32
5.315	5.323		0.394				
<b>4.562" (4-9/16") SHAFT</b>							
5.751	5.756		0.500		S	417533 <sup>RC</sup>	41
5.999	6.007		0.500		S	417534 <sup>RC</sup>	41
6.250	6.256		0.500		S	457585 <sup>RC</sup>	45
<b>4.625" (4-5/8") SHAFT</b>							
			<b>0.438</b>			<b>99465 Redi-Sleeve</b>	
			<b>1.000</b>			<b>99463 Redi-Sleeve</b>	
5.500	5.506		0.562		H	456641 <sup>RC</sup>	45
5.500	5.506		0.562		H	• 456641HCR	45
5.625	5.631		0.500		S	416156 <sup>RC</sup>	41
5.626	5.631		0.500		V	458301	45
5.751	5.756		0.500		S	• 415634	41
<b>5.751</b>	<b>5.756</b>		<b>0.562</b>		<b>S</b>	<b>415371<sup>RC</sup></b>	<b>41</b>
5.751	5.756		0.562		N	• 415371N	41
5.751	5.756		0.562		N	• 455371N	45
5.751	5.756		0.562		S	• 475371	47
5.751	5.756		0.562		S	• 485371	48
5.875	5.881		0.625		S	455685	45
5.875	5.881		0.625		N	• 455685N	45
5.998	6.011		0.937		T	380025A	10
5.998	6.024		0.580		T	386025A	13

SIZE SECTION

CCW Counter-Clockwise-Spiral Helix; RC Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.625" (4-5/8") SHAFT (cont.)</b>							
5.999	6.007		0.500		S	416158 <sup>RC</sup>	41
5.999	6.007		0.500		S	• 476158	47
5.999	6.007		0.625		S	• 475211	47
5.999	6.007		0.625		S	• 485211	48
5.999	6.015		0.875		S	370025A <sup>20</sup>	11
6.001	6.007		0.625		S	• 415211	41
6.125	6.131		0.562		S	• 415970	41
6.186	6.192		1.250		S	2505 <sup>RC</sup>	89
6.250	6.256		0.500		S	• 417246	41
<b>6.250</b>	<b>6.256</b>		<b>0.562</b>		<b>S</b>	<b>415064<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.562		S	• 455064	45
6.250	6.256		0.562		S	• 475064	47
6.250	6.256		0.562		S	• 485064	48
6.622	6.629		1.093		S	7700S <sup>RC</sup>	21
6.622	6.629		1.093		S	370051A <sup>RC</sup>	03
<b>4.635" SHAFT</b>							
6.007	6.014		0.937		S	370026A <sup>RC</sup>	03
<b>4.646" SHAFT</b>							
5.748	5.762		0.750		T	710901 <sup>CW</sup>	32
5.751	5.756		0.500		T	39952 <sup>CCW</sup>	FW-H
173,00	173,80		28,00		S	710089	90
6.811	6.843		1.102				
<b>4.687" (4-11/16") SHAFT</b>							
			0.812			99468 Redi-Sleeve	
5.751	5.756		0.500		S	415284 <sup>RC</sup>	41
5.751	5.756		0.562		N	• 455378N	45
5.751	5.756		0.750		S	6329S	7S
5.999	6.007		0.500		S	417535 <sup>RC</sup>	41
6.001	6.007		0.280		S	• 487806	48
6.002	6.007		0.250		S	45637S	4S
6.250	6.256		0.500		S	417536 <sup>RC</sup>	41
6.374	6.382		0.500		S	417537 <sup>RC</sup>	41
<b>4.688" SHAFT</b>							
6.001	6.007		0.280		S	• 487806BXR	48
<b>119,00mm (4.724") SHAFT</b>							
			0.315			99471 Redi-Sleeve	
			0.787			99473 Redi-Sleeve	
140,00	140,21		10,50		S	710084	47
5.512	5.520		0.413				
140,00	140,25		12,00		S	717004	48
5.512	5.522		0.472				
5.906	5.920		0.590		S	370220A	11
<b>4.750" (4-3/4") SHAFT</b>							
			0.500			99475 Redi-Sleeve	
5.750	5.756		0.500		S	415138 <sup>RC</sup>	41
5.750	5.756		0.500		N	• 415138N	41
5.750	5.756		0.500		S	• 455138	45
5.750	5.756		0.500		N	• 455138N	45
5.750	5.756		0.500		S	• 475138	47
5.750	5.756		0.500		S	• 485138	48
5.750	5.757		0.562		V	• 455053V	45

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>4.750" (4-3/4") SHAFT (cont.)</b>							
5.751	5.756		0.500		V	• 485138V	48
5.751	5.756		0.500		V	714750 <sup>RC</sup>	48
5.751	5.756		0.562		N	• 415053N	41
5.751	5.756		0.562		V	• 415053V	41
5.751	5.756		0.562		S	• 475053	47
5.751	5.756		0.562		S	• 485053	48
5.751	5.757		0.562		N	• 455053N	45
<b>5.876</b>	<b>5.881</b>		<b>0.500</b>		<b>S</b>	<b>417538<sup>RC</sup></b>	<b>41</b>
5.876	5.881		0.500		V	• 417538V	41
5.876	5.881		0.625		S	• 455233	45
5.999	6.007		0.625		S	• 415213	41
5.999	6.007		0.625		N	415213N <sup>RC</sup>	41
5.999	6.007		0.625		S	• 475213	47
5.999	6.007		0.625		S	• 485213	48
6.000	6.006		0.500		V	• 487250V	48
<b>6.001</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>417247<sup>RC</sup></b>	<b>41</b>
6.001	6.007		0.500		S	• 457247	45
6.001	6.007		0.500		N	• 457247N	45
6.001	6.007		0.500		S	• 477247	47
6.001	6.007		0.500		S	• 487247	48
6.002	6.092		0.285		S	200642 <sup>B</sup>	200
<b>6.125</b>	<b>6.131</b>		<b>0.500</b>		<b>S</b>	<b>417252<sup>RC</sup></b>	<b>41</b>
6.125	6.131		0.562		S	• 456160	45
6.127	6.132		0.625		S	• 455258	45
6.186	6.192		1.250		S	3100 <sup>RC</sup>	89
6.250	6.256		0.500		S	• 416866	41
<b>6.250</b>	<b>6.256</b>		<b>0.562</b>		<b>S</b>	<b>415066<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.562		S	• 455066	45
6.250	6.256		0.562		S	• 475066	47
6.250	6.256		0.562		S	• 485066	48
6.618	6.625		1.141		S	6663S	89
6.625	6.632		0.625		S	• 455375	45
<b>4.765" SHAFT</b>							
5.999	6.006		1.031		S	370181A <sup>RC</sup>	01
6.250	6.257		1.050		S	370173A <sup>RC</sup>	01
6.251	6.265		0.605		S	370005A	11
6.309	6.322		1.132		T	380003A	10
6.311	6.325		1.078		S	370003A <sup>20</sup>	11
6.999	7.006		1.250		S	370006A <sup>RC</sup>	03
<b>4.803" SHAFT</b>							
			0.787			99472 Redi-Sleeve	
<b>4.812" (4-13/16") SHAFT</b>							
5.543	5.551		0.472		V	712449 <sup>CCW</sup>	32
5.544	5.552		0.535		H	3341 <sup>RC,CCW</sup>	100
5.751	5.756		0.562		S	• 455251	45
5.751	5.756		0.562		H	455251H <sup>RC</sup>	45
5.751	5.756		0.562		N	• 455251N	45
<b>5.999</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>416163<sup>RC</sup></b>	<b>41</b>
5.999	6.007		0.500		S	• 476163	47
5.999	6.007		0.625		S	• 455214	45
6.250	6.256		0.500		S	456890 <sup>RC</sup>	45
6.250	6.256		0.562		S	• 455067	45
6.311	6.316		1.062		S	370027A <sup>RC</sup>	03

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>4.812" (4-13/16") SHAFT (cont.)</b>							
6.499	6.507		0.625		S	• 455614	45
6.500	6.507		0.865		S	370004A <sup>RC</sup>	03
<b>4.835" SHAFT</b>							
5.749	5.756		0.375		T	39954 <sup>CCW</sup>	DW-H
<b>4.875" (4-7/8") SHAFT</b>							
			<b>0.625</b>			<b>99487 Redi-Sleeve</b>	
5.750	5.756		0.500		V	• 487063V	48
<b>5.999</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>416167<sup>RC</sup></b>	<b>41</b>
5.999	6.007		0.500		N	• 416167N	41
5.999	6.007		0.500		S	• 456167	45
5.999	6.007		0.500		S	• 486167	48
5.999	6.007		0.625		S	• 415091	41
5.999	6.007		0.625		S	455091	45
5.999	6.007		0.625		S	• 475091	47
5.999	6.007		0.625		S	• 485091	48
6.000	6.006		0.562		S	• 416621	41
6.000	6.006		0.562		N	• 416621N	41
6.000	6.006		0.562		V	• 456621V	45
<b>6.125</b>	<b>6.131</b>		<b>0.500</b>		<b>S</b>	<b>417267<sup>RC</sup></b>	<b>41</b>
6.125	6.131		0.562		S	• 456168	45
6.127	6.132		0.625		S	• 455217	45
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>417269<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.562		N	• 415068N	41
6.250	6.256		0.562		N	• 455068N	45
6.250	6.256		0.562		S	• 475068	47
6.250	6.256		0.562		S	• 485068	48
6.373	6.379		0.921		S	370007A <sup>RC</sup>	03
6.375	6.625		0.500		S	7866S	75
6.437	6.444		0.921		S	370057A <sup>RC</sup>	03
6.500	6.506		1.000		S	370121A <sup>RC</sup>	03
6.622	6.629		1.000		S	370109A <sup>RC</sup>	03
<b>124,00mm (4.882") SHAFT</b>							
146,00	146,10		14,00		S	710405	47
5.748	5.752		0.551				
6.001	6.011		0.625		S	370195A	11
<b>125,00mm (4.921") SHAFT</b>							
			<b>0.394</b>			<b>99490 Redi-Sleeve</b>	
			<b>1.024</b>			<b>99492 Redi-Sleeve</b>	
150,00	150,28		12,00		S	231250	35
5.906	5.917		0.472				
<b>4.937" (4-15/16") SHAFT</b>							
<b>5.999</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>417539<sup>RC</sup></b>	<b>41</b>
6.131	6.136		0.562		S	• 455591	45
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>417273<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.562		S	• 455069	45
<b>6.374</b>	<b>6.382</b>		<b>0.500</b>		<b>S</b>	<b>417540<sup>RC</sup></b>	<b>41</b>
6.374	6.382		0.625		S	• 455247	45
<b>4.993" SHAFT</b>							
6.000	6.006		0.413		T	39881 <sup>CCW</sup>	FW-H
<b>5.000" (5-3/32") SHAFT</b>							
			<b>0.688</b>			<b>99498 Redi-Sleeve</b>	

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>5.000" (5-3/32") SHAFT (cont.)</b>							
			<b>0.813</b>			<b>99499 Redi-Sleeve</b>	
			<b>0.813</b>			<b>99501 Redi-Sleeve</b>	
146,00	146,30		10,00		N	710458	47
5.748	5.760		0.394				
5.751	5.756		0.500		V	3492V <sup>RC</sup>	48
5.999	6.006		0.413		T	39880 <sup>CCW</sup>	94
5.999	6.007		0.500		S	• 475725	47
5.999	6.007		0.500		N	• 475725N	47
5.999	6.007		0.625		S	• 415271	41
5.999	6.007		0.625		N	• 415271N	41
5.999	6.007		0.625		N	• 455271N	45
5.999	6.007		0.625		S	• 475271	47
5.999	6.007		0.625		S	• 485271	48
5.999	6.007		0.937		S	215271	21
6.000	6.006		0.413		T	39801 <sup>CCW</sup>	FW-H
<b>6.001</b>	<b>6.007</b>		<b>0.500</b>		<b>S</b>	<b>415725<sup>RC</sup></b>	<b>41</b>
6.001	6.007		0.500		N	• 415725N	41
6.001	6.007		0.500		S	• 455725	45
6.001	6.007		0.500		N	• 455725N	45
6.001	6.007		0.500		S	• 485725	48
6.001	6.007		0.625		V	• 455271V	45
6.125	6.131		0.500		T	39958 <sup>CCW</sup>	FW-H
6.126	6.131		0.562		S	417584 <sup>RC</sup>	41
6.250	6.256		0.250		S	204509	204
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>416865<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.500		V	416865V <sup>RC</sup>	41
6.250	6.256		0.500		S	• 456865	45
6.250	6.256		0.500		N	456865N	45
6.250	6.256		0.500		V	• 456865V	45
6.250	6.256		0.500		S	• 476865	47
6.250	6.256		0.500		S	• 486865	48
6.250	6.256		0.562		S	• 415070	41
6.250	6.256		0.562		N	• 415070N	41
6.250	6.256		0.562		V	• 415070V	41
6.250	6.256		0.562		S	455070	45
6.250	6.256		0.562		V	• 455070V	45
6.250	6.256		0.562		S	• 475070	47
6.250	6.256		0.562		N	• 475070N	47
6.250	6.256		0.562		S	• 485070	48
6.250	6.256		0.605		S	370063A <sup>RC</sup>	06
6.250	6.256		0.625		S	455285	45
6.250	6.256		1.375		S	370028A <sup>RC</sup>	01
6.251	6.256		0.500		N	• 416865N	41
6.374	6.382		0.625		S	• 415312	41
6.374	6.382		0.625		S	• 455312	45
6.374	6.382		0.625		V	• 455312V	45
<b>6.375</b>	<b>6.381</b>		<b>0.500</b>		<b>S</b>	<b>417278<sup>RC</sup></b>	<b>41</b>
6.375	6.381		0.500		S	• 457278	45
6.375	6.381		0.500		S	• 477278	47
6.375	6.381		0.500		S	• 487278	48
<b>6.499</b>	<b>6.507</b>		<b>0.500</b>		<b>S</b>	<b>417541<sup>RC</sup></b>	<b>41</b>
6.499	6.507		0.625		S	• 415377	41
6.622	6.629		0.906		S	8126S <sup>RC</sup>	89
6.622	6.629		1.093		S	370166A <sup>RC</sup>	03
<b>6.749</b>	<b>6.757</b>		<b>0.500</b>		<b>S</b>	<b>417542<sup>RC</sup></b>	<b>41</b>

SIZE SECTION

<sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>5.000" (5-3/32") SHAFT (cont.)</b>							
6.749	6.757		0.625		S	• 455318	45
6.874	6.882		0.500		S	417543 <sup>RC</sup>	41
6.874	6.882		0.500		V	• 417543V	41
6.877	6.884		0.625		S	415897 <sup>RC</sup>	41
6.877	6.884		0.625		N	• 415897N	41
6.997	7.003		1.093		V	• 4144VGR	41
<b>7.000</b>	<b>7.007</b>		<b>0.500</b>		<b>S</b>	<b>417544<sup>RC</sup></b>	<b>41</b>
7.000	7.008		0.625		S	• 416176	41
7.437	7.444		0.605		S	370038A <sup>RC,BI</sup>	06
<b>7.500</b>	<b>7.507</b>		<b>0.500</b>		<b>S</b>	<b>417545<sup>RC</sup></b>	<b>41</b>
7.500	7.507		0.562		S	• 415460	41
7.500	7.507		0.562		N	• 415460N	41
7.500	7.507		0.562		S	• 455460	45
<b>5.039" SHAFT</b>							
5.920	5.925		0.850		T	710473	32
<b>5.062" SHAFT</b>							
6.374	6.382		0.625		S	455290 <sup>RC</sup>	45
7.874	7.881		0.500		S	• 476519	47
<b>130,00mm (5.118") SHAFT</b>							
			<b>0.750</b>			<b>99494 Redi-Sleeve</b>	
150,00	150,10		14,00		S	710488	47
5.906	5.909		0.551				
150,00	150,30		10,00		N	710556	47
5.906	5.917		0.394				
150,00	150,44		14,80		T	39805 <sup>CCW</sup>	FW-H
5.906	5.923		0.583				
<b>5.121" SHAFT</b>							
			<b>0.866</b>			<b>99491 Redi-Sleeve</b>	
<b>5.125" (5-1/8") SHAFT</b>							
			<b>0.813</b>			<b>99513 Redi-Sleeve</b>	
<b>6.125</b>	<b>6.131</b>		<b>0.500</b>		<b>S</b>	<b>416557<sup>RC</sup></b>	<b>41</b>
6.125	6.131		0.500		V	456557 <sup>RC</sup>	45
6.125	6.131		0.500		V	• 456557V	45
6.125	6.131		0.562		S	• 416172	41
6.125	6.131		0.750		H	8971H <sup>RC</sup>	7S
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>417258<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.562		S	• 416173	41
6.250	6.256		0.562		N	• 416173N	41
6.250	6.256		0.562		S	• 476173	47
6.250	6.256		0.562		V	• 476173V	47
6.251	6.256		0.562		S	• 455824	45
<b>6.374</b>	<b>6.382</b>		<b>0.500</b>		<b>S</b>	<b>417546<sup>RC</sup></b>	<b>41</b>
6.374	6.382		0.625		S	• 415071	41
6.375	6.381		0.625		S	• 456830	45
6.376	6.382		0.625		N	• 455071N	45
<b>6.499</b>	<b>6.507</b>		<b>0.500</b>		<b>S</b>	<b>417547<sup>RC</sup></b>	<b>41</b>
6.499	6.507		0.625		S	• 415495	41
6.499	6.507		0.625		S	• 455495	45
6.874	6.882		0.625		N	• 416049N	41
6.877	6.884		0.625		S	• 416977	41
<b>5.187" (5-3/16") SHAFT</b>							
6.499	6.507		0.500		S	417548 <sup>RC</sup>	41

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>5.187" (5-3/16") SHAFT (cont.)</b>							
6.499	6.507		0.625		N	• 455494N	45
6.500	6.507		0.625		H	455956H <sup>RC</sup>	45
6.500	6.507		0.625		N	• 455956N	45
<b>5.250" (5-1/4") SHAFT</b>							
			<b>0.813</b>			<b>99525 Redi-Sleeve</b>	
6.001	6.007		0.375		S	487518	48
6.250	6.256		0.250		S	447060	44
<b>6.250</b>	<b>6.256</b>		<b>0.500</b>		<b>S</b>	<b>417262<sup>RC</sup></b>	<b>41</b>
6.250	6.256		0.500		V	417262V <sup>RC</sup>	41
6.250	6.256		0.500		S	• 457262	45
6.250	6.256		0.500		N	• 457262N	45
6.250	6.256		0.500		S	• 477262	47
6.250	6.256		0.500		S	• 487262	48
6.250	6.256		0.562		S	455448	45
6.250	6.256		0.562		N	• 455448N	45
6.250	6.256		0.562		V	• 455448V	45
6.250	6.256		0.625		N	• 455799N	45
<b>6.375</b>	<b>6.381</b>		<b>0.500</b>		<b>S</b>	<b>417358<sup>RC</sup></b>	<b>41</b>
6.375	6.381		0.500		S	• 457358	45
6.375	6.381		0.500		S	• 477358	47
6.375	6.381		0.500		S	• 487358	48
6.499	6.507		0.625		S	• 415104	41
6.499	6.507		0.625		N	• 415104N	41
6.499	6.507		0.625		S	455104	45
<b>6.500</b>	<b>6.507</b>		<b>0.562</b>		<b>S</b>	<b>415645<sup>RC</sup></b>	<b>41</b>
6.500	6.507		0.562		S	• 455645	45
6.500	6.507		0.562		S	• 475645	47
6.500	6.507		0.562		S	• 485645	48
<b>6.625</b>	<b>6.632</b>		<b>0.562</b>		<b>S</b>	<b>417359<sup>RC</sup></b>	<b>41</b>
6.625	6.632		0.562		S	• 457359	45
6.625	6.632		0.562		S	• 477359	47
6.625	6.632		0.562		S	• 487359	48
<b>6.750</b>	<b>6.757</b>		<b>0.500</b>		<b>S</b>	<b>417549<sup>RC</sup></b>	<b>41</b>
6.750	6.757		0.625		S	• 455395	45
7.375	7.385		1.010		T	380069A	10
7.375	7.386		1.000		S	370069A <sup>RC</sup>	03
<b>5.311" SHAFT</b>							
			<b>0.807</b>			<b>99533 Redi-Sleeve</b>	
<b>5.312" (5-5/16") SHAFT</b>							
6.499	6.507		0.625		S	• 455464	45
<b>6.500</b>	<b>6.507</b>		<b>0.500</b>		<b>S</b>	<b>417550<sup>RC</sup></b>	<b>41</b>
<b>5.356" SHAFT</b>							
6.500	6.507		0.562		S	• 455942	45
<b>5.375" (5-3/8") SHAFT</b>							
			<b>0.813</b>			<b>99537 Redi-Sleeve</b>	
<b>6.374</b>	<b>6.380</b>		<b>0.500</b>		<b>S</b>	<b>417551<sup>RC</sup></b>	<b>41</b>
6.374	6.382		0.625		S	• 456174	45
<b>6.499</b>	<b>6.507</b>		<b>0.562</b>		<b>S</b>	<b>455576<sup>RC</sup></b>	<b>45</b>
6.499	6.507		0.625		S	• 415461	41
6.499	6.507		0.625		N	• 415461N	41
6.499	6.507		0.625		S	• 455461	45

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>5.375" (5-3/8") SHAFT (cont.)</b>							
6.500	6.507		0.625		N	• 455461N	45
<b>6.624</b>	<b>6.632</b>		<b>0.562</b>		<b>S</b>	<b>415938<sup>RC</sup></b>	<b>41</b>
6.624	6.632		0.562		S	• 455938	45
6.624	6.632		0.625		V	• 415105V	41
6.624	6.632		0.625		N	• 455105N	45
<b>6.749</b>	<b>6.757</b>		<b>0.500</b>		<b>S</b>	<b>417554<sup>RC</sup></b>	<b>41</b>
6.749	6.757		0.625		S	• 415140	41
6.749	6.757		0.625		S	• 455140	45
6.875	6.882	1.000			S	3292 <sup>RC</sup>	89
7.873	7.881	0.750			N	• 456112N	45
7.874	7.881	0.750			S	416112 <sup>RC</sup>	41
7.874	7.881	0.750			N	• 416112N	41
7.874	7.881	0.750			S	• 456112	45
<b>5.428" SHAFT</b>							
6.500	6.505		0.420		S	710425	230
<b>138,00mm (5.433") SHAFT</b>							
152,00	152,30		12,00		S	710421	47
5.984	5.996		0.472				
<b>5.437" (5-7/16") SHAFT</b>							
6.749	6.757		0.625		L	55357	5L
<b>5.500" (5-1/2") SHAFT</b>							
6.250	6.257		0.500		S	476842 <sup>RC</sup>	47
6.312	6.316		1.250		S	6872S	47
6.499	6.507		0.625		S	• 415273	41
6.499	6.507		0.625		N	• 415273N	41
6.499	6.507		0.625		S	• 455273	45
6.499	6.507		0.625		N	• 455273N	45
6.499	6.507		0.625		V	• 455273V	45
6.499	6.507		0.625		V	• 455273VG0	45
<b>6.500</b>	<b>6.507</b>		<b>0.562</b>		<b>S</b>	<b>417254<sup>RC</sup></b>	<b>41</b>
6.500	6.507		0.562		N	• 417254N	41
6.500	6.507		0.562		S	• 457254	45
6.500	6.507		0.562		S	• 477254	47
6.500	6.507		0.562		S	• 487254	48
6.624	6.631		0.625		S	• 416189	41
6.624	6.631		0.625		S	• 456189	45
<b>6.625</b>	<b>6.632</b>		<b>0.562</b>		<b>S</b>	<b>417360<sup>RC</sup></b>	<b>41</b>
6.625	6.632		0.562		S	• 457360	45
6.625	6.632		0.562		S	• 477360	47
6.625	6.632		0.562		S	• 487360	48
6.749	6.756	0.500			V	• 455215V	45
6.749	6.756		0.625		S	• 415073	41
6.749	6.756		0.625		N	• 415073N	41
6.749	6.756		0.625		V	415073V <sup>RC</sup>	41
6.749	6.757		0.625		S	455073 <sup>RC</sup>	45
6.750	6.756		0.500		V	458305	45
6.750	6.757		0.500		S	• 475638	47
6.750	6.757		0.575		S	• 476107	47
6.750	6.757		0.575		S	• 486107	48
<b>6.750</b>	<b>6.758</b>		<b>0.575</b>		<b>S</b>	<b>416107<sup>RC</sup></b>	<b>41</b>
6.750	6.758		0.575		V	• 416107V	41
6.750	6.758		0.575		S	• 456107	45

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>5.500" (5-1/2") SHAFT (cont.)</b>							
6.874	6.882		0.625		S	• 416190	41
6.874	6.882		0.625		S	• 456190	45
<b>6.875</b>	<b>6.882</b>		<b>0.562</b>		<b>S</b>	<b>417361<sup>RC</sup></b>	<b>41</b>
6.875	6.882		0.562		S	• 457361	45
6.875	6.882		0.562		S	• 477361	47
6.875	6.882		0.562		S	• 487361	48
6.875	6.882		0.625		N	• 456190N	45
7.000	7.007		0.625		S	415610 <sup>RC</sup>	41
7.125	7.132	1.187			S	370043A <sup>RC</sup>	03
7.125	7.133	0.625			S	416191 <sup>RC</sup>	41
7.248	7.255		0.656		N	• 485869N	48
7.250	7.256		1.187		S	370120A <sup>RC</sup>	03
7.437	7.444		1.000		S	370039A <sup>RC,BI</sup>	03
7.500	7.507		0.562		S	456192 <sup>RC</sup>	45
7.500	7.507		0.562		N	• 456192N	45
7.624	7.631		1.250		S	8635S	21
7.876	7.883		0.750		S	• 455661	45
8.000	8.009		0.750		S	• 416196	41
<b>5.502" SHAFT</b>							
			<b>0.518</b>			<b>99550</b>	<b>Redi-Sleeve</b>
			<b>0.812</b>			<b>99549</b>	<b>Redi-Sleeve</b>
<b>140,00mm (5.512") SHAFT</b>							
			<b>0.807</b>			<b>99552</b>	<b>Redi-Sleeve</b>
170,00	170,10		14,00		S	710406	47
6.693	6.697		0.551				
<b>5.625" (5-5/8") SHAFT</b>							
			<b>0.875</b>			<b>99560</b>	<b>Redi-Sleeve</b>
<b>6.624</b>	<b>6.631</b>		<b>0.500</b>		<b>S</b>	<b>417555<sup>RC</sup></b>	<b>41</b>
6.624	6.631		0.625		S	• 455487	45
6.624	6.631		0.625		N	• 455487N	45
6.625	6.631		0.500		S	• 415920	41
6.625	6.631		0.500		V	458310	45
6.625	6.631		0.625		S	• 415487	41
6.625	6.631		0.625		N	• 415487N	41
6.750	6.757		0.500		V	• 417942V	41
6.874	6.882		0.500		S	417556 <sup>RC</sup>	41
6.874	6.882		0.500		V	• 417556V	41
<b>7.125</b>	<b>7.131</b>		<b>0.500</b>		<b>S</b>	<b>417040<sup>RC</sup></b>	<b>41</b>
7.125	7.133		0.625		S	• 455652	45
7.186	7.194		0.906		S	370064A <sup>RC</sup>	03
7.500	7.508		0.562		S	• 456199	45
<b>5.640" SHAFT</b>							
7.501	7.507		0.605		S	370119A <sup>RC</sup>	06
<b>145,00mm (5.709") SHAFT</b>							
			<b>0.750</b>			<b>99571</b>	<b>Redi-Sleeve</b>
164,00	164,10		14,00		S	710369	47
6.457	6.461		0.551				
<b>5.730" SHAFT</b>							
			<b>0.563</b>			<b>99562</b>	<b>Redi-Sleeve</b>
<b>5.748" SHAFT</b>							
			<b>0.813</b>			<b>99575</b>	<b>Redi-Sleeve</b>

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>5.750" (5-3/4") SHAFT (cont.)</b>							
6.624	6.632		0.625		S	415447 <sup>RC</sup>	41
6.749	6.756		0.625		S	• 415363	41
6.749	6.757		0.625		S	• 455363	45
6.750	6.757		0.562		S	• 457362	45
<b>6.750</b>	<b>6.757</b>		<b>0.575</b>		<b>S</b>	<b>417362<sup>RC</sup></b>	<b>41</b>
6.750	6.757		0.575		V	• 417362V	41
6.750	6.757		0.575		S	• 477362	47
6.750	6.757		0.575		S	• 487362	48
6.874	6.882		0.625		S	• 416214	41
6.874	6.882		0.625		S	• 456214	45
<b>6.875</b>	<b>6.882</b>		<b>0.562</b>		<b>S</b>	<b>417363<sup>RC</sup></b>	<b>41</b>
6.875	6.882		0.562		S	• 457363	45
6.875	6.882		0.562		S	• 477363	47
6.875	6.882		0.562		S	• 487363	48
7.000	7.006		0.500		V	458303	45
7.000	7.008		0.625		S	• 455107	45
7.000	7.008		0.625		N	• 455107N	45
7.000	7.008		0.625		S	• 455107RB	45
7.000	7.008		0.625		V	• 455107V	45
<b>7.001</b>	<b>7.008</b>		<b>0.562</b>		<b>S</b>	<b>416666<sup>RC</sup></b>	<b>41</b>
7.001	7.008		0.562		V	• 416666V	41
7.001	7.008		0.562		S	• 456666	45
7.001	7.008		0.562		S	• 476666	47
7.001	7.008		0.562		S	• 486666	48
<b>7.125</b>	<b>7.132</b>		<b>0.562</b>		<b>S</b>	<b>417364<sup>RC</sup></b>	<b>41</b>
7.125	7.132		0.562		S	• 457364	45
7.125	7.132		0.562		S	• 477364	47
7.125	7.132		0.562		S	• 487364	48
7.125	7.133		0.625		S	• 416215	41
7.125	7.133		0.625		S	• 456215	45
7.500	7.506		0.500		S	• 457557	45
<b>7.500</b>	<b>7.508</b>		<b>0.562</b>		<b>S</b>	<b>416039<sup>RC</sup></b>	<b>41</b>
7.500	7.508		0.562		S	• 456039	45
7.500	7.508		0.562		N	• 456039N	45
7.874	7.881		0.750		S	416029 <sup>RC</sup>	41
<b>7.874</b>	<b>7.881</b>		<b>0.750</b>		<b>N</b>	<b>416029<sup>RC</sup></b>	<b>41</b>
7.875	7.883		0.750		S	• 455618	45
<b>5.875" (5-7/8") SHAFT</b>							
			<b>1.000</b>			<b>99587</b>	<b>Redi-Sleeve</b>
7.125	7.131		0.500		N	• 456476N	45
<b>7.125</b>	<b>7.133</b>		<b>0.500</b>		<b>S</b>	<b>416476<sup>RC</sup></b>	<b>41</b>
7.125	7.133		0.625		S	• 415075	41
7.125	7.133		0.625		N	• 415075N	41
7.125	7.133		0.625		S	455075	45
7.500	7.508		0.562		S	455297 <sup>RC</sup>	45
8.001	8.007		0.750		S	3016	45
<b>5.906" (5-29/32") SHAFT</b>							
			<b>1.024</b>			<b>99595</b>	<b>Redi-Sleeve</b>
<b>5.937" (5-15/16") SHAFT</b>							
6.801	6.806	9.031	1.125		S	8907	#
7.502	7.508		0.562		S	417780 <sup>RC</sup>	41
<b>5.938" SHAFT</b>							
			<b>1.000</b>			<b>99596</b>	<b>Redi-Sleeve</b>

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>5.997" SHAFT (cont.)</b>							
7.125	7.131		0.500		T	39956 <sup>CCW</sup>	DW-H
<b>5.999" SHAFT</b>							
			<b>0.500</b>			<b>99601</b>	<b>Redi-Sleeve</b>
<b>6.000" (6-3/32") SHAFT</b>							
			<b>1.000</b>			<b>99599</b>	<b>Redi-Sleeve</b>
6.750	6.756		0.437		T	39807 <sup>CCW</sup>	W-H
6.750	6.757		0.500		V	2297V <sup>CCW</sup>	25
6.750	6.757		0.625		T	39823 <sup>CW</sup>	DW-H
<b>7.000</b>	<b>7.007</b>		<b>0.500</b>		<b>S</b>	<b>415683<sup>RC</sup></b>	<b>41</b>
7.000	7.008		0.625		S	• 416055	41
7.000	7.008		0.625		N	• 416055N	41
7.001	7.008		0.625		V	456055 <sup>RC</sup>	45
7.001	7.008		0.625		N	• 456055N	45
7.001	7.008		0.625		V	• 456055V	45
<b>7.125</b>	<b>7.132</b>		<b>0.562</b>		<b>S</b>	<b>417365<sup>RC</sup></b>	<b>41</b>
7.125	7.132		0.562		S	• 457365	45
7.125	7.132		0.562		S	• 477365	47
7.125	7.132		0.562		S	• 487365	48
7.125	7.133		0.625		S	• 416219	41
7.125	7.133		0.625		N	• 416219N	41
7.125	7.133		0.625		N	• 456219N	45
7.475	7.481		0.590		T	39715 <sup>CCW</sup>	#
7.500	7.506		0.500		V	418304	41
<b>7.500</b>	<b>7.508</b>		<b>0.562</b>		<b>S</b>	<b>415072<sup>RC</sup></b>	<b>41</b>
7.500	7.508		0.562		V	• 415072V	41
7.501	7.508		0.562		S	• 475072	47
7.501	7.508		0.562		S	• 485072	48
7.875	7.881		0.605		S	370077A <sup>RC</sup>	06
<b>154,00mm (6.063") SHAFT</b>							
			<b>1.024</b>			<b>99605</b>	<b>Redi-Sleeve</b>
172,00	172,10		14,00		S	710083	47
6.772	6.776		0.551				
175,00	175,10		13,00		S	710052	47
6.890	6.894		0.512				
175,00	175,30	180,20	13,50		V	710766	74
6.890	6.902	7.095	0.531				
<b>6.077" SHAFT</b>							
7.329	7.336		0.445		T	39889 <sup>CCW</sup>	W-H
7.329	7.336		0.445		T	39890 <sup>CW</sup>	W-H
<b>6.102" SHAFT</b>							
			<b>1.024</b>			<b>99606</b>	<b>Redi-Sleeve</b>
<b>6.125" (6-1/8") SHAFT</b>							
7.125	7.133		0.625		S	455330 <sup>RC</sup>	45
7.500	7.508		0.562		S	415074 <sup>RC</sup>	41
7.627	7.633		0.625		S	457874 <sup>RC</sup>	45
<b>6.187" (6-3/16") SHAFT</b>							
7.250	7.258		0.734		S	417921 <sup>RC</sup>	41
7.500	7.507		0.562		N	455583N <sup>RC</sup>	45
<b>6.198" SHAFT</b>							
7.329	7.336		0.354		T	39885 <sup>CCW</sup>	FW-H



Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>6.198" SHAFT (cont.)</b>							
7.329	7.336		0.445		T	39888 <sup>CCW</sup>	FW-H
<b>6.202" SHAFT</b>							
7.329	7.336		0.377		T	39886 <sup>CCW</sup>	DW-H
<b>6.203" SHAFT</b>							
			0.813			99620	Redi-Sleeve
<b>6.204" SHAFT</b>							
7.328	7.336		0.562		H	2628 <sup>RC</sup>	64
7.330	7.336		0.445		T	39887 <sup>CW</sup>	FW-H
<b>6.238" SHAFT</b>							
8.655	8.661		1.100		T	39883 <sup>CCW</sup>	90
<b>6.250" (6-1/4") SHAFT</b>							
			1.031			99625	Redi-Sleeve
7.500	7.508		0.562		S	455480 <sup>RC</sup>	45
7.500	7.508		0.562		V	455480V	45
7.750	7.758		0.500		S	417562 <sup>RC</sup>	41
7.875	7.881		0.750		S	415854 <sup>RC</sup>	41
<b>6.299" SHAFT</b>							
			1.000			99630	Redi-Sleeve
<b>6.375" (6-3/8") SHAFT</b>							
7.875	7.883		0.500		S	417563 <sup>RC</sup>	41
<b>6.438" SHAFT</b>							
7.563	7.567		0.500		F	5M466	#
<b>6.496" SHAFT</b>							
			1.000			99650	Redi-Sleeve
9.600	9.606		0.540		T	39861 <sup>CCW</sup>	#
<b>6.500" (6-1/2") SHAFT</b>							
7.500	7.506		0.500		V	458302	45
7.500	7.508		0.562		S	415294 <sup>RC</sup>	41
7.500	7.508		0.562		S	455294	45
8.000	8.007		0.625		T	41509 <sup>CW</sup>	PDW
8.000	8.007		0.625		T	41510 <sup>CCW</sup>	PDW
8.000	8.009		0.625		S	416229 <sup>RC</sup>	41
<b>6.625" (6-5/8") SHAFT</b>							
8.125	8.134		0.625		S	417298 <sup>RC</sup>	41
9.615	9.622		0.979		V	4354V <sup>RC</sup>	#
<b>6.693" SHAFT</b>							
			1.250			99640	Redi-Sleeve
<b>6.750" (6-3/4") SHAFT</b>							
			0.813			99675	Redi-Sleeve
8.000	8.009		0.625		S	415327 <sup>RC</sup>	41
8.007	8.017		0.625		S	416362	41
8.250	8.257		0.562		S	417596 <sup>RC</sup>	41
8.500	8.509		0.625		S	416008 <sup>RC</sup>	41
<b>6.775" SHAFT</b>							
7.875	7.880		0.360		S	710562	230

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>6.875" (6-7/8") SHAFT (cont.)</b>							
7.875	7.883		0.625		S	455948 <sup>RC</sup>	45
8.375	8.382		0.625		S	455584 <sup>RC</sup>	45
<b>6.885" SHAFT</b>							
			1.102			99687	Redi-Sleeve
<b>7.000" (7-3/32") SHAFT</b>							
			1.000			99700	Redi-Sleeve
8.000	8.009		0.625		S	416364 <sup>RC</sup>	41
8.250	8.257		0.625		S	417597 <sup>RC</sup>	41
8.375	8.382		0.625		S	417255 <sup>RC</sup>	41
8.375	8.382		0.750		V	416674V <sup>RC</sup>	41
8.377	8.384		0.750		S	456724	45
8.500	8.507		0.625		V	418303	41
8.500	8.509		0.625		S	416239 <sup>RC</sup>	41
8.500	8.509		0.625		V	416239V	41
8.750	8.759		0.625		S	417564 <sup>RC</sup>	41
9.313	9.321		0.625		S	415876 <sup>RC</sup>	41
9.313	9.321		0.625		V	415876V <sup>RC</sup>	41
<b>7.087" SHAFT</b>							
			1.300			99721	Redi-Sleeve
<b>7.125" (7-1/8") SHAFT</b>							
8.625	8.632		0.562		S	416077 <sup>RC</sup>	41
<b>7.249" SHAFT</b>							
			1.250			99725	Redi-Sleeve
<b>7.250" (7-1/4") SHAFT</b>							
8.125	8.133		0.500		T	39701 <sup>CCW</sup>	FW-H
8.250	8.257		0.625		S	416044 <sup>RC</sup>	41
8.750	8.758		0.605		S	370175A <sup>RC</sup>	06
8.750	8.759		0.750		S	415116 <sup>RC</sup>	41
<b>7.375" (7-3/8") SHAFT</b>							
8.875	8.882		0.750		S	455117 <sup>RC</sup>	45
9.000	9.010		0.750		S	415317	41
9.615	9.622		0.979		V	4353 <sup>RC</sup>	#
<b>7.449" SHAFT</b>							
			0.813			99745	Redi-Sleeve
<b>7.500" (7-1/2") SHAFT</b>							
			0.813			99750	Redi-Sleeve
8.500	8.509		0.625		S	415867 <sup>RC</sup>	41
9.000	9.008		0.625		N	418308	41
9.000	9.010		0.750		S	415551 <sup>RC</sup>	41
9.000	9.010		0.750		V	415551V <sup>RC</sup>	41
<b>7.750" (7-3/4") SHAFT</b>							
9.250	9.260		0.625		S	455406	45
10.000	10.008		0.750		S	417115 <sup>RC</sup>	41
<b>7.874" SHAFT</b>							
			1.359			99787	Redi-Sleeve
<b>7.875" (7-7/8") SHAFT</b>							
9.375	9.383		0.750		S	455121 <sup>RC</sup>	45

SIZE SECTION

Size Section

RADIAL SHAFT SEALS

SIZE SECTION

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>7.875" (7-7/8") SHAFT (cont.)</b>							
9.375	9.383		0.750		V	455121V <sup>RC</sup>	45
10.000	10.008		0.625		S	417016 <sup>RC</sup>	41
<b>7.995" SHAFT</b>							
11.625	11.633		1.078		S	8724S <sup>RC</sup>	41
<b>8.000" (8-3/32") SHAFT</b>							
			<b>1.000</b>	<b>99800 Redi-Sleeve</b>			
9.000	9.010		0.750		S	415656 <sup>RC</sup>	41
9.250	9.258		0.625		S	417600 <sup>RC</sup>	41
9.500	9.508		0.625		S	417601 <sup>RC</sup>	41
10.000	10.008		0.625		S	417602 <sup>RC</sup>	41
10.125	10.133		0.750		S	415052 <sup>RC</sup>	41
<b>8.125" (8-1/8") SHAFT</b>							
10.125	10.130		0.750		S	455123 <sup>RC</sup>	45
<b>8.250" (8-1/4") SHAFT</b>							
9.250	9.258		0.625		S	455475 <sup>RC</sup>	45
9.500	9.515		0.570		S	487506	48
10.250	10.260		0.750		S	415124 <sup>RC</sup>	41
10.625	10.633		0.750		S	416951 <sup>RC</sup>	41
11.500	11.507		0.750		S	416422 <sup>RC</sup>	41
<b>8.375" (8-3/8") SHAFT</b>							
10.375	10.385		0.625		S	417022 <sup>RC</sup>	41
<b>8.500" (8-1/2") SHAFT</b>							
9.500	9.509		0.625		V	455828V <sup>RC</sup>	45
9.750	9.758		0.625		S	458314	45
10.000	10.008		0.625		S	417603 <sup>RC</sup>	41
10.500	10.508		0.625		S	417604 <sup>RC</sup>	41
10.625	10.633		0.750		S	416394 <sup>RC</sup>	41
<b>8.625" (8-5/8") SHAFT</b>							
10.625	10.635		0.750		S	417567 <sup>RC</sup>	41
<b>8.750" (8-3/4") SHAFT</b>							
10.500	10.510		0.750		S	455966 <sup>RC</sup>	45
10.750	10.758		0.750		S	415128 <sup>RC</sup>	41
<b>8.875" (8-7/8") SHAFT</b>							
10.122	10.130		0.750		S	416657 <sup>RC</sup>	41
10.875	10.885		0.750		S	455129 <sup>RC</sup>	45
<b>9.000" (9-3/32") SHAFT</b>							
10.000	10.010		0.750		S	55301S <sup>RC</sup>	45
10.088	10.095		0.625		S	417940	41
10.250	10.260		0.750		S	455476	45
10.375	10.384		0.625		S	456462 <sup>RC</sup>	45
10.376	10.384		0.625		S	2791 <sup>RC</sup>	33
10.500	10.510		0.750		S	455462 <sup>RC</sup>	45
11.000	11.008		0.625		S	458311	45
11.000	11.008		0.750		S	415090 <sup>RC</sup>	41
<b>9.052" SHAFT</b>							
10.709	10.720		0.625		T	39893 <sup>CCW</sup>	FW-H
10.709	10.720		0.625		T	39894 <sup>CW</sup>	FW-H

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>9.250" (9-1/4") SHAFT (cont.)</b>							
10.250	10.258		0.500		N	337426N <sup>RC</sup>	33
11.000	11.008		0.750		S	416257 <sup>RC</sup>	41
11.250	11.260		0.750		S	415219 <sup>RC</sup>	41
<b>9.375" (9-3/8") SHAFT</b>							
11.375	11.385		0.750		S	415871 <sup>RC</sup>	41
<b>9.500" (9-1/2") SHAFT</b>							
11.500	11.508		0.625		S	417606	41
12.499	12.509	13.437	0.687		S	9555S <sup>RC</sup>	74
<b>9.625" (9-5/8") SHAFT</b>							
12.750	12.758		1.250		S	416381 <sup>RC</sup>	41
<b>9.750" (9-3/4") SHAFT</b>							
11.250	11.260		0.750		S	55078S <sup>RC</sup>	5S
<b>10.000" (10-3/32") SHAFT</b>							
11.000	11.008		0.625		S	417605 <sup>RC</sup>	41
11.250	11.258		0.630		S	418302	41
12.000	12.008		0.625		S	417020 <sup>RC</sup>	41
<b>10.250" (10-1/4") SHAFT</b>							
11.250	11.258		0.563		S	458312	45
11.250	11.260		0.625		S	797729	#
12.250	12.260		0.750		S	417570 <sup>RC</sup>	41
<b>10.500" (10-1/2") SHAFT</b>							
12.000	12.008		0.625		S	457997 <sup>RC</sup>	45
12.500	12.508		1.000		S	415227 <sup>RC</sup>	41
<b>10.750" (10-3/4") SHAFT</b>							
13.374	13.381		1.250		S	416383 <sup>RC</sup>	41
<b>11.000" (11-3/32") SHAFT</b>							
12.500	12.510		0.625		S	417571 <sup>RC</sup>	41
13.000	13.010		0.750		S	415482 <sup>RC</sup>	41
<b>11.220" SHAFT</b>							
12.250	12.260		0.945		T	39899 <sup>CCW</sup>	#
12.250	12.260		0.945		T	39900 <sup>CW</sup>	#
<b>11.375" (11-3/8") SHAFT</b>							
13.000	13.008		0.625		S	487537	48
<b>11.500" (11-1/2") SHAFT</b>							
13.000	13.008		0.625		S	458313	45
13.000	13.010		0.750		S	415077 <sup>RC</sup>	41
13.500	13.508		0.750		S	415076 <sup>RC</sup>	41
<b>11.586" SHAFT</b>							
13.687	13.703		0.562		S	711000	230
<b>12.000" (12-3/32") SHAFT</b>							
14.000	14.010		0.750		S	417608 <sup>RC</sup>	41
<b>16.250" (16-1/4") SHAFT</b>							
18.000	18.010		0.750		S	55103S	45

## PLAIN ROUND FELT SEALS

Seal O.D.	Seal Width	Lip Mat'l	Part No.
<b>0.938" SHAFT</b>			
1.504	0.375	F	5MR1300
<b>1.938" SHAFT</b>			
2.888	0.375	F	5M81
3.004	0.375	F	5M293
<b>2.000" (2-3/32") SHAFT</b>			
2.746	0.438	F	5M289
3.129	0.500	F	5M403
<b>2.188" SHAFT</b>			
3.067	0.250	F	5MR71
<b>2.500" (2-1/2") SHAFT</b>			
3.442	0.313	F	5M89
<b>2.688" SHAFT</b>			
3.504	0.219	F	5MR1008
<b>2.937" (2-15/16") SHAFT</b>			
3.816	0.313	F	5MR1009
<b>3.250" (3-1/4") SHAFT</b>			
4.067	0.313	F	5M643
<b>6.438" SHAFT</b>			
7.567	0.500	F	5M466

**Size Section**

**SEAL KITS**

KIT DIMENSIONS						SEAL DIMENSIONS						REMARKS	
Shaft	O.D.	Width	Bolt Holes	Kit No.	Type/ Illus.	Seal No.	Type/ Illus.	Lip Mat'l	Shaft	O.D.	Width	Bolt Holes	Remarks
-	6.240	0.400	-	<b>5591</b>	#	-	-	-	-	-	-	-	Contains (2) G462 Gasket & (2) G463 Gasket
-	6.906	0.440	-	<b>5419</b>	#	-	-	-	-	-	-	-	Contains (2) G137 Gasket
1.062	2.129	0.625	-	<b>5168</b>	41	+ <b>413293</b>	41	-	1.187	2.129	0.375	-	Contains JV1872 Wear Sleeve
1.250	2.254	0.750	-	<b>5166</b>	41	+ <b>410169</b>	41	-	1.375	2.254	0.500	-	Contains JV1873 Wear Sleeve
1.500	2.376	0.420	-	<b>5202</b>	79	<b>7692S</b> <sup>24,25</sup>	79	N	1.500	2.376	0.420	-	(Seal & Bushing); Contains RP605 Bushing
1.500	2.378	1.500	-	<b>5201</b>	47	<b>470059</b> <sup>25</sup>	47	S	1.500	2.378	0.500	-	(Seal & Bushing); Contains RP605 Bushing
1.502	2.381	0.470	-	<b>5200</b>	71	<b>9613S</b> <sup>24,25</sup>	71	S	1.500	2.381	0.470	-	(Seal & Bushing); Contains RP356 Bushing
1.685	2.506	0.421	-	<b>5203</b>	79	<b>7300S</b> <sup>24,25</sup>	79	N	1.685	2.506	0.421	-	(Seal & Bushing); Contains RP661 Bushing
1.685	2.506	0.421	-	<b>5206</b>	79	<b>7300S</b> <sup>24,25</sup>	79	N	1.685	2.506	0.421	-	(Seal & Bushing); Contains RP546 Bushing
1.812	2.879	0.718	-	<b>5531</b>	41	+ <b>410295</b>	41	-	1.937	2.879	0.468	-	Contains J1464 Wear Sleeve
1.875	2.808	0.433	-	<b>5699</b>	285	+ <b>4310</b>	-	-	-	-	-	-	Contains AS232 O-Ring
1.875	3.150	0.315	-	<b>5697</b>	#	+ <b>4051</b>	-	-	-	-	-	-	Contains AS232 O-Ring
1.880	2.414	0.250	-	<b>5458</b>	35	+ <b>6910S</b>	-	-	-	-	-	-	Contains 610101 O-Ring
1.887	1.999	1.000	-	<b>5208</b>	74	<b>9449</b> <sup>24,25</sup>	74	S	1.887	2.704	0.582	-	Contains RP775 Bushing
1.915	2.548	0.250	-	<b>5573</b>	#	+ <b>7020</b>	-	-	-	-	-	-	Contains 610145 O-Ring
1.969	2.688	0.256	-	<b>5694</b>	32	+ <b>1884</b>	-	-	-	-	-	-	
						<b>4899</b>	66	S	2.205	2.958	0.256	-	
						+ <b>722111</b>	-	-	-	-	-	-	
2.000	3.376	0.625	-	<b>5188</b>	41	<b>410972N</b> <sup>25</sup>	41	N	2.125	3.376	0.468	-	Contains J1109 Wear Sleeve & JV1837 Wear Sleeve
2.000	4.562	0.562	-	<b>5329</b>	#	+ <b>6465B</b>	-	-	-	-	-	-	Contains (2) G33 Gasket
2.000	5.880	0.448	-	<b>5487</b>	#	-	-	-	-	-	-	-	Contains (2) G221 Gasket & K251 Wiper
2.010	2.965	0.318	-	<b>5695</b>	#	+ <b>SK1</b>	-	-	-	-	-	-	Contains SK3 Wear Sleeve
						+ <b>SK2</b>	-	-	-	-	-	-	
						+ <b>SK3</b>	-	-	-	-	-	-	
2.047	2.964	0.315	-	<b>5696</b>	47	<b>1993</b>	47	S	2.205	2.885	0.492	-	
						<b>4898</b>	66	S	2.047	2.603	0.295	-	
						+ <b>722110</b>	-	-	-	-	-	-	
2.120	3.505	0.750	-	<b>5521</b>	41	+ <b>415093</b>	41	-	2.250	3.505	0.500	-	Contains JV1456 Wear Sleeve
2.121	3.350	0.500	-	<b>5397</b>	46	+ <b>482435</b>	48	-	2.172	3.35	0.500	-	
						+ <b>9434</b>	-	-	-	-	-	-	
2.129	2.766	0.250	-	<b>5589</b>	48	+ <b>666151</b>	-	-	-	-	-	-	Contains 666151 O-Ring
						+ <b>6957</b>	-	-	-	-	-	-	
2.250	3.256	0.625	-	<b>5189</b>	41	<b>412038N</b> <sup>25</sup>	41	N	2.375	3.256	0.437	-	Contains J1113 Wear Sleeve & JV1836 Wear Sleeve
2.340	3.355	0.650	-	<b>5666</b>	69	+ <b>3501V</b>	-	-	-	-	-	-	Contains JX1966 Wear Sleeve
2.375	3.433	1.000	-	<b>5602</b>	47	<b>473274N</b> <sup>25</sup>	47	N	2.500	3.433	0.375	-	Contains JV1802 Wear Sleeve
2.375	4.943	1.000	-	<b>5603</b>	74	<b>3136N</b> <sup>25,26</sup>	47	N	2.500	4.943	0.500	-	Contains JV1802 Wear Sleeve
2.377	3.505	0.560	-	<b>5066</b>	48	<b>3894V</b>	48	V	2.500	3.505	0.500	-	Contains JX1920 Wear Sleeve
2.420	3.558	0.336	-	<b>5698</b>	#	+ <b>4185</b>	-	-	-	-	-	-	Contains AS043 O-Ring
2.500	6.125	0.435	-	<b>5401</b>	51	+ <b>7512S</b>	-	-	-	-	-	-	Contains (2) G41 Gasket & G43 Gasket & JV1304 Wear Sleeve
2.645	5.625	0.320	-	<b>5414</b>	#	-	-	-	-	-	-	-	(Split-Lip Seal); Contains (2) G129 Gasket & G130 Gasket & G131 Gasket
2.812	4.504	1.000	-	<b>5399</b>	41	+ <b>415356</b>	41	-	2.937	4.504	0.468	-	Contains JV1427 Wear Sleeve
2.860	6.562	0.571	-	<b>5403</b>	#	+ <b>6479</b>	-	-	-	-	-	-	Contains J493 Wear Sleeve
2.875	3.756	0.625	-	<b>5601</b>	47	<b>476023N</b> <sup>25</sup>	47	N	3.000	3.756	0.375	-	Contains JV1120 Wear Sleeve
2.991	3.637	0.385	-	<b>5273</b>	FW-H	+ <b>100202T</b>	-	-	-	-	-	-	
3.000	4.008	0.625	-	<b>5629</b>	45	+ <b>457034</b>	-	-	-	-	-	-	Contains J1121 Wear Sleeve
3.010	8.250	0.571	-	<b>5313</b>	#	+ <b>8369S</b>	-	-	-	-	-	-	Contains K282 Wiper & (2) G523 Gasket
3.124	8.250	0.518	-	<b>5408</b>	#	+ <b>6477S</b>	-	-	-	-	-	-	Contains (2) G40 Gasket & G42 Gasket & J873 Wear Sleeve

SIZE SECTION

**Size Section**

**SEAL KITS**

KIT DIMENSIONS						SEAL DIMENSIONS						REMARKS	
Shaft	O.D.	Width	Bolt Holes	Kit No.	Type/ Illus.	Seal No.	Type/ Illus.	Lip Mat'l	Shaft	O.D.	Width	Bolt Holes	Remarks
3.125	4.130	1.000	-	<b>5578</b>	48	<b>+ 485500N</b>	48	-	3.298	4.13	0.562	-	Contains K179 Wiper
3.250	4.254	0.750	-	<b>5169</b>	47	<b>476028<sup>25</sup></b>	47	S	3.375	4.254	0.468	-	Contains JV1875 Wear Sleeve
3.465	4.266	0.437	-	<b>5287</b>	FW-H	<b>+ 100239T</b>	-	-	-	-	-	-	Contains 732079 Gasket & 733419 Gasket & 734280 Gasket
3.562	4.761	0.875	-	<b>5649</b>	74	<b>9584<sup>25</sup></b>	74	S	3.562	4.761	0.550	-	Contains JV1509 Wear Sleeve
3.562	5.256	0.468	-	<b>5532</b>	41	<b>416670<sup>25</sup></b>	41	S	3.687	5.256	0.468	-	Contains JV1469 Wear Sleeve
3.583	4.375	0.394	-	<b>5279</b>	FW-H	<b>+ 100052T</b>	-	-	-	-	-	-	Contains 731414 Gasket
3.625	4.256	0.390	-	<b>5277</b>	FW-H	<b>+ 100204T</b>	-	-	-	-	-	-	
3.625	4.756	0.875	-	<b>5167</b>	47	<b>475379<sup>25</sup></b>	47	S	3.750	4.756	0.500	-	Contains JV1874 Wear Sleeve
3.740	4.540	0.492	-	<b>5274</b>	FW-H	<b>+ 100203T</b>	-	-	-	-	-	-	Contains Contains 733215 Gasket
3.750	4.506	0.362	-	<b>5278</b>	FW-H	<b>+ 100205T</b>	-	-	-	-	-	-	
3.865	5.700	0.975	-	<b>5667</b>	74	<b>+ 4269</b>	-	-	-	-	-	-	Contains J2058 Wear Sleeve
3.937	5.509	0.597	-	<b>5089</b>	41	<b>+ 2155</b>	-	-	-	-	-	-	
3.994	5.004	0.718	-	<b>5526</b>	41	<b>+ 415134</b>	41	-	4.125	5.004	0.468	-	Contains JV1461 Wear Sleeve
4.000	5.005	0.625	-	<b>5065</b>	45	<b>+ 455134H</b>	-	-	-	-	-	-	Contains J1129 Wear Sleeve
4.062	5.506	0.875	-	<b>5170</b>	41	<b>+ 415039</b>	41	-	4.187	5.506	0.562	-	Contains JV1473 Wear Sleeve
4.062	6.000	0.875	-	<b>5537</b>	41	<b>+ 416673</b>	41	-	4.187	6.007	0.625	-	Contains JV1473 Wear Sleeve
4.687	5.756	1.562	-	<b>5460</b>	45	<b>455251H<sup>25</sup></b>	45	H	4.812	5.756	0.562	-	Contains JV729 Wear Sleeve
4.743	6.256	0.812	-	<b>5527</b>	41	<b>+ 415068</b>	-	-	-	-	-	-	Contains JV1462 Wear Sleeve
5.000	6.131	0.875	-	<b>5624</b>	45	<b>456557<sup>25</sup></b>	45	V	5.125	6.131	0.500	-	Contains JX1831 Wear Sleeve
5.312	6.514	0.500	-	<b>5424</b>	FW-H	<b>+ 327984</b>	-	-	-	-	-	-	Contains JF2280 Wear Sleeve
5.500	6.631	0.875	-	<b>5146</b>	41	<b>+ 415487</b>	41	-	5.625	6.631	0.625	-	Contains JV1463 Wear Sleeve
5.991	6.757	0.500	-	<b>5039</b>	41	<b>+ 4165V</b>	-	-	-	-	-	-	Contains JV2088 Wear Sleeve
5.998	6.757	0.675	-	<b>5645</b>	41	<b>+ 4165V</b>	-	-	-	-	-	-	Contains J2051 Wear Sleeve
6.000	6.757	0.750	-	<b>5026</b>	33	<b>+ 336665H</b>	-	-	-	-	-	-	(Seal & Sleeve); Contains 336665HCO Seal & J1141 Wear Sleeve
6.079	7.336	0.750	-	<b>5613</b>	64	<b>2628<sup>25</sup></b>	64	H	6.204	7.336	0.562	-	Contains K458 Wiper & J1842 Wear Sleeve
6.875	8.382	0.750	-	<b>5538</b>	41	<b>+ 416674</b>	-	-	-	-	-	-	Contains JV1474 Wear Sleeve

**SIZE SECTION**

<sup>25</sup>Redicoat®; \*Not Sold Separately

**Size Section**

**WEAR SLEEVES**

**SIZE SECTION**

Shaft Dia	I.D.	Eff. Shaft		Flanged O.D.	Width	Type/ Illus.	Part No.	Shaft Dia	I.D.	Eff. Shaft		Flanged O.D.	Width	Type/ Illus.	Part No.
		Dia	O.D.							Dia	O.D.				
1.125	28.580	1.250			0.500	19	<b>J1158</b>	6.206	157.630	6.328			0.812	19	<b>J1825</b>
1.375	34.930	1.500			0.625	19	<b>JV1277</b>	6.375	161.930	6.500			0.875	19	<b>J1869</b>
1.500	38.100	1.625			0.625	19	<b>J1101</b>	6.875	174.630	7.000			0.750	19	<b>J1278</b>
1.500	38.100	2.570			0.550	1	<b>JV933</b>	6.875	6.867	7			0.750	19	<b>• JV1278</b>
1.625	41.280	1.750			0.625	19	<b>J1103</b>	6.875	174.630	7.000	7.187		1.000	10	<b>JV1474</b>
1.750	44.450	1.875			0.625	19	<b>J1105</b>	7.375	187.330	7.500			0.875	19	<b>JV1190</b>
1.766	1.761	1.871			0.875	19	<b>• JV825</b>	7.375	187.330	7.500			0.875	19	<b>JX1190</b>
1.812	46.020	1.937			0.625	19	<b>J1106</b>								
1.875	1.870	2.000			0.625	19	<b>J1107</b>								
2.000	50.800	2.125			0.625	19	<b>J1109</b>								
2.000	50.800	2.125			0.750	19	<b>J1396</b>								
2.062	2.057	2.187			0.625	19	<b>• J1110</b>								
2.125	53.980	2.250			0.625	19	<b>J1111</b>								
2.250	57.150	2.375			0.625	19	<b>J1113</b>								
2.375	60.330	2.500			0.625	19	<b>J1115</b>								
2.375	2.37	2.5			1.000	19	<b>• JJ1990</b>								
2.500	63.500	2.625			0.625	19	<b>J1117</b>								
2.500	63.500	2.491			0.560	19	<b>J2228</b>								
2.502	63.550	2.627			1.000	19	<b>J1780</b>								
2.625	66.680	2.750			0.625	19	<b>J1118</b>								
2.698	68.530	2.774			0.953	#	<b>JV1216</b>								
2.750	69.850	2.875			0.625	19	<b>J1119</b>								
2.906	73.810	3.000	3.125		0.562	#	<b>JV1371</b>								
3.000	76.200	3.125			0.625	19	<b>J1121</b>								
3.000	76.200	3.125			0.687	19	<b>JX1747</b>								
3.125	79.380	3.250			0.625	19	<b>J1122</b>								
3.146	79.910	3.224			0.625	1	<b>JV949</b>								
3.250	82.550	3.375			0.625	19	<b>J1123</b>								
3.375	85.730	3.500			0.625	19	<b>J1124</b>								
3.500	88.900	3.625			0.625	19	<b>J1125</b>								
3.562	90.470	3.687	3.825		0.718	10	<b>JV1469</b>								
3.625	92.080	3.750			0.625	19	<b>J1126</b>								
3.678	3.67	3.758			0.625	1	<b>• JV1582</b>								
3.686	93.620	3.767			0.625	1	<b>JV1166</b>								
3.750	95.250	3.875			0.625	19	<b>J1127</b>								
3.875	98.430	4.000			0.625	19	<b>J1128</b>								
4.000	101.600	4.125			0.625	19	<b>J1129</b>								
4.125	104.780	4.250			0.625	19	<b>J1130</b>								
4.250	107.950	4.375			0.750	19	<b>J1131</b>								
4.375	111.130	4.500			0.750	19	<b>J1132</b>								
4.625	117.480	4.750			0.750	19	<b>J1134</b>								
4.687	119.050	4.812			1.240	19	<b>JF2282</b>								
4.687	119.050	4.812			1.240	19	<b>JX1867</b>								
4.764	121.010	5.510			0.875	#	<b>JV753</b>								
4.812	122.220	5.510			0.875	#	<b>JV701</b>								
4.875	123.830	5.000			0.750	19	<b>J1136</b>								
4.875	123.830	5.000			0.715	19	<b>J1606</b>								
5.187	131.750	5.312			1.380	19	<b>JF2280</b>								
5.250	133.350	5.375			0.750	19	<b>J1138</b>								
5.250	5.243	5.375			0.750	19	<b>• JV1138</b>								
5.375	136.530	5.500			0.750	19	<b>J1081</b>								
5.375	5.368	5.5			0.848	#	<b>• J1828</b>								
5.500	5.493	5.625			0.750	19	<b>• J1139</b>								
5.750	146.050	5.875			0.750	19	<b>J1140</b>								
5.875	5.868	6			0.875	19	<b>• JV1002</b>								
6.000	152.400	6.125			0.750	19	<b>J1141</b>								
6.081	154.460	6.204			0.750	19	<b>J1842</b>								

**Size Section**

**REDI-SLEEVES**

Shaft Range Min	Shaft Range Max	Part No.	Width on Shaft	Overall Width	Flanged O.D.	Install. Depth	Shaft Range Min	Shaft Range Max	Part No.	Width on Shaft	Overall Width	Flanged O.D.	Install. Depth
0.469	0.475	<b>99049</b>	0.236	0.331	0.787	0.472	1.572	1.578	<b>99157</b>	0.512	0.630	1.850	1.023
0.498	0.502	<b>99050</b>	0.250	0.344	0.610	2.008	1.602	1.608	<b>99160</b>	0.500	0.641	1.938	1.000
0.547	0.551	<b>99055</b>	0.250	0.391	0.750	1.831	1.608	1.614	<b>99163</b>	0.500	0.625	1.938	1.016
0.560	0.566	<b>99056</b>	0.250	0.391	0.750	1.831	1.622	1.628	<b>99161</b>	0.313	0.438	1.875	1.016
0.589	0.593	<b>99059</b>	0.197	0.354	0.750	0.425	1.623	1.628	<b>99162</b>	0.563	0.688	1.875	0.813
0.623	0.627	<b>99062</b>	0.313	0.406	0.813	2.000	1.647	1.654	<b>99166</b>	0.445	0.571	2.087	0.827
0.626	0.630	<b>99058</b>	0.313	0.438	0.718	2.000	1.647	1.654	<b>99169</b>	0.563	0.688	2.087	0.827
0.667	0.671	<b>99068</b>	0.315	0.433	1.063	2.008	1.653	1.659	<b>99165</b>	0.550	0.689	2.087	0.827
0.682	0.686	<b>99060</b>	0.313	0.438	0.900	2.000	1.684	1.690	<b>99168</b>	0.563	0.688	1.906	0.875
0.704	0.709	<b>99082</b>	0.315	0.433	1.063	1.811	1.685	1.691	<b>99167</b>	0.313	0.438	1.906	0.875
0.748	0.752	<b>99075</b>	0.375	0.500	0.900	2.000	1.687	1.693	<b>99182</b>	0.500	0.625	1.906	0.844
0.748	0.752	<b>99076</b>	0.313	0.438	0.938	2.000	1.715	1.721	<b>99171</b>	0.563	0.688	2.031	0.813
0.759	0.761	<b>99081</b>	0.313	0.438	0.938	2.000	1.736	1.742	<b>99170</b>	0.375	0.500	2.063	0.813
0.780	0.784	<b>99080</b>	0.313	0.438	0.935	2.000	1.747	1.753	<b>99172</b>	0.375	0.500	2.055	0.813
0.785	0.789	<b>99078</b>	0.313	0.433	0.999	2.000	1.747	1.753	<b>99174</b>	0.563	0.688	2.063	0.813
0.857	0.861	<b>99086</b>	0.250	0.375	1.155	2.000	1.747	1.753	<b>99175</b>	0.750	0.875	2.063	0.813
0.861	0.866	<b>99084</b>	0.259	0.359	1.188	1.856	1.747	1.753	<b>99180</b>	0.531	0.625	2.063	0.875
0.861	0.866	<b>99085</b>	0.315	0.472	1.058	1.813	1.761	1.767	<b>99176</b>	0.563	0.688	2.063	0.813
0.873	0.877	<b>99087</b>	0.313	0.438	1.093	2.000	1.769	1.775	<b>99177</b>	0.551	0.669	2.087	0.812
0.908	0.912	<b>99091</b>	0.313	0.438	1.218	1.847	1.778	1.784	<b>99179</b>	0.675	0.800	2.125	1.062
0.940	0.945	<b>99092</b>	0.313	0.437	1.130	2.000	1.809	1.815	<b>99181</b>	0.563	0.688	2.156	1.000
0.966	0.970	<b>99094</b>	0.313	0.438	1.130	2.000	1.857	1.863	<b>99185</b>	0.563	0.688	2.156	1.000
0.966	0.970	<b>99096</b>	0.625	0.719	1.130	2.000	1.866	1.872	<b>99186</b>	0.889	1.025	2.187	1.000
0.982	0.986	<b>99098</b>	0.313	0.433	1.378	2.000	1.872	1.878	<b>99184</b>	0.375	0.516	2.203	1.050
0.998	1.002	<b>99101</b>	0.313	0.438	1.219	2.000	1.872	1.878	<b>99187</b>	0.563	0.688	2.203	1.000
1.019	1.024	<b>99103</b>	0.313	0.472	1.312	1.813	1.872	1.878	<b>99188</b>	0.295	0.415	2.203	0.744
1.060	1.064	<b>99106</b>	0.313	0.438	1.320	2.812	1.872	1.878	<b>99190</b>	0.175	0.295	2.203	0.744
1.087	1.091	<b>99108</b>	0.313	0.438	1.406	0.625	1.872	1.878	<b>99832</b>	0.563	0.688	2.203	1.000
1.100	1.104	<b>99111</b>	0.375	0.500	1.375	2.813	1.887	1.893	<b>99189</b>	0.551	0.668	2.205	0.984
1.123	1.127	<b>99112</b>	0.313	0.438	1.575	0.688	1.909	1.915	<b>99192</b>	0.375	0.500	2.219	1.000
1.123	1.127	<b>99116</b>	0.375	0.500	1.500	0.688	1.934	1.940	<b>99193</b>	0.563	0.688	2.219	1.000
1.154	1.158	<b>99120</b>	0.375	0.500	1.350	0.688	1.965	1.971	<b>99196</b>	0.551	0.688	2.244	0.984
1.173	1.178	<b>99122</b>	0.313	0.438	1.575	0.688	1.977	1.983	<b>99198</b>	0.563	0.704	2.313	1.050
1.179	1.184	<b>99114</b>	0.315	0.433	1.400	0.688	1.997	2.003	<b>99199</b>	0.563	0.688	2.406	1.000
1.185	1.190	<b>99118</b>	0.313	0.438	1.400	0.875	1.997	2.003	<b>99200</b>	0.875	1.000	2.406	1.000
1.216	1.222	<b>99123</b>	0.315	0.438	1.575	0.688	2.041	2.047	<b>99204</b>	0.500	0.625	2.469	1.000
1.247	1.253	<b>99125</b>	0.313	0.438	1.500	0.688	2.057	2.063	<b>99205</b>	0.781	0.938	2.469	1.375
1.257	1.263	<b>99128</b>	0.315	0.437	1.496	0.709	2.123	2.128	<b>99210</b>	0.500	0.750	2.422	1.281
1.297	1.301	<b>99121</b>	0.591	0.709	1.594	1.000	2.124	2.130	<b>99212</b>	0.781	0.938	2.422	1.375
1.308	1.314	<b>99129</b>	0.250	0.375	1.600	0.813	2.162	2.168	<b>99215</b>	0.787	0.905	2.441	1.250
1.310	1.316	<b>99131</b>	0.500	0.625	1.594	0.813	2.186	2.192	<b>99218</b>	0.781	0.938	2.500	1.313
1.336	1.342	<b>99134</b>	0.500	0.625	1.638	0.813	2.197	2.205	<b>99220</b>	0.500	0.625	2.500	1.250
1.371	1.377	<b>99133</b>	0.313	0.438	1.638	0.813	2.227	2.233	<b>99230</b>	0.781	0.906	2.531	1.250
1.371	1.377	<b>99138</b>	0.500	0.625	1.638	0.813	2.237	2.243	<b>99226</b>	0.764	0.900	2.562	1.250
1.375	1.381	<b>99139</b>	0.512	0.630	1.638	0.812	2.249	2.255	<b>99225</b>	0.781	0.938	2.531	1.313
1.375	1.381	<b>99820</b>	0.512	0.630	1.638	0.813	2.249	2.255	<b>99227</b>	0.313	0.438	2.531	1.313
1.412	1.417	<b>99146</b>	0.518	0.669	1.689	0.984	2.275	2.281	<b>99228</b>	0.380	0.505	2.678	1.375
1.432	1.438	<b>99143</b>	0.563	0.688	1.781	1.000	2.280	2.286	<b>99219</b>	0.787	0.938	2.598	1.375
1.435	1.441	<b>99144</b>	0.375	0.500	1.781	1.016	2.309	2.315	<b>99231</b>	0.781	0.938	2.688	1.600
1.453	1.460	<b>99145</b>	0.375	0.500	1.781	0.812	2.327	2.333	<b>99233</b>	0.750	0.875	2.750	1.610
1.490	1.496	<b>99147</b>	0.512	0.669	1.780	0.984	2.359	2.365	<b>99235</b>	0.787	0.905	2.785	1.375
1.497	1.503	<b>99149</b>	0.563	0.688	1.781	1.000	2.359	2.365	<b>99241</b>	0.370	0.449	2.783	1.472
1.497	1.503	<b>99150</b>	0.375	0.500	1.781	1.016	2.369	2.375	<b>99236</b>	0.781	0.938	2.750	1.375
1.520	1.526	<b>99152</b>	0.438	0.563	1.859	1.016	2.372	2.378	<b>99238</b>	0.594	0.750	2.750	1.375
1.549	1.555	<b>99155</b>	0.438	0.563	1.859	1.000	2.374	2.380	<b>99237</b>	0.781	0.938	2.734	1.375
1.559	1.565	<b>99156</b>	0.563	0.688	1.859	1.000	2.374	2.380	<b>99240</b>	0.526	0.683	2.750	1.375
1.566	1.572	<b>99159</b>	0.625	0.750	1.859	1.016	2.434	2.440	<b>99243</b>	0.781	0.938	2.828	1.375
1.569	1.575	<b>99153</b>	0.390	0.509	1.850	1.000	2.434	2.441	<b>99244</b>	0.500	0.625	2.828	1.425

SIZE SECTION



**Size Section**

**REDI-SLEEVES**

Shaft Range Min	Shaft Range Max	Part No.	Width on Shaft	Overall Width	Flanged O.D.	Install. Depth	Shaft Range Min	Shaft Range Max	Part No.	Width on Shaft	Overall Width	Flanged O.D.	Install. Depth
2.435	2.441	<b>99242</b>	0.500	0.626	2.827	1.417	3.500	3.506	<b>99350</b>	0.813	1.000	3.844	1.375
2.489	2.495	<b>99249</b>	0.781	0.938	2.875	1.393	3.500	3.506	<b>99852</b>	0.813	1.000	3.844	1.347
2.497	2.503	<b>99253</b>	0.555	0.650	2.820	0.890	3.501	3.507	<b>99349</b>	0.626	0.811	3.842	1.339
2.500	2.506	<b>99248</b>	0.500	0.656	2.828	1.375	3.540	3.546	<b>99351</b>	0.710	0.906	4.000	1.813
2.500	2.506	<b>99250</b>	0.781	0.938	2.828	1.375	3.540	3.546	<b>99352</b>	0.438	0.538	4.000	1.813
2.510	2.516	<b>99251</b>	0.781	0.906	2.828	1.438	3.540	3.546	<b>99353</b>	0.528	0.665	4.000	1.732
2.556	2.562	<b>99254</b>	0.787	0.905	2.850	1.378	3.540	3.546	<b>99354</b>	0.906	1.102	4.000	1.750
2.560	2.566	<b>99256</b>	0.781	0.938	2.891	1.375	3.560	3.566	<b>99356</b>	0.813	1.000	3.900	1.750
2.595	2.602	<b>99259</b>	0.781	0.938	2.990	1.250	3.618	3.624	<b>99360</b>	0.811	1.000	4.031	1.732
2.618	2.624	<b>99261</b>	0.781	0.938	3.047	1.375	3.623	3.629	<b>99362</b>	0.813	1.000	4.031	1.750
2.621	2.627	<b>99264</b>	0.781	0.906	3.047	1.375	3.623	3.629	<b>99363</b>	0.500	0.625	4.025	1.750
2.622	2.628	<b>99260</b>	0.500	0.625	3.047	1.375	3.684	3.690	<b>99368</b>	0.313	0.438	3.830	0.875
2.625	2.631	<b>99262</b>	0.781	0.938	3.047	1.375	3.685	3.691	<b>99359</b>	0.813	0.938	4.025	1.750
2.670	2.677	<b>99266</b>	0.750	0.875	3.125	1.688	3.685	3.691	<b>99365</b>	0.813	0.938	4.025	1.750
2.740	2.746	<b>99273</b>	0.781	0.938	3.065	1.250	3.727	3.733	<b>99366</b>	0.781	0.906	4.025	1.800
2.745	2.751	<b>99274</b>	0.781	0.938	3.125	1.250	3.737	3.743	<b>99369</b>	0.827	0.945	4.025	1.750
2.747	2.753	<b>99267</b>	1.438	1.625	3.075	1.625	3.740	3.746	<b>99364</b>	0.469	0.594	4.035	1.750
2.750	2.756	<b>99269</b>	1.125	1.250	3.125	1.250	3.740	3.746	<b>99374</b>	0.344	0.500	4.031	1.750
2.750	2.756	<b>99272</b>	0.406	0.563	3.125	1.250	3.746	3.752	<b>99376</b>	0.563	0.688	4.025	1.750
2.750	2.756	<b>99275</b>	0.781	0.938	3.125	1.250	3.750	3.756	<b>99367</b>	0.344	0.500	4.031	1.750
2.753	2.759	<b>99276</b>	0.787	0.945	3.125	1.250	3.750	3.756	<b>99372</b>	0.688	0.875	4.031	1.875
2.809	2.815	<b>99281</b>	0.594	0.688	3.188	1.250	3.868	3.874	<b>99386</b>	0.813	1.000	4.185	1.875
2.828	2.835	<b>99284</b>	0.750	0.875	3.225	1.343	3.873	3.879	<b>99387</b>	0.813	1.000	4.219	1.875
2.838	2.844	<b>99282</b>	0.500	0.656	3.225	1.250	3.935	3.941	<b>99393</b>	0.813	1.000	4.313	1.340
2.866	2.872	<b>99286</b>	0.781	0.938	3.188	1.250	3.935	3.941	<b>99854</b>	0.813	1.000	4.313	2.050
2.873	2.879	<b>99287</b>	0.781	0.938	3.219	1.250	3.998	4.006	<b>99395</b>	0.600	0.725	101.600	2.050
2.937	2.943	<b>99290</b>	0.500	0.641	3.344	1.331	3.998	4.006	<b>99399</b>	0.813	1.000	4.375	1.250
2.937	2.943	<b>99293</b>	0.781	0.938	3.344	1.250	3.998	4.006	<b>99400</b>	0.650	0.775	4.375	1.375
2.950	2.956	<b>99289</b>	0.594	0.689	3.272	1.102	3.998	4.006	<b>99401</b>	0.500	0.625	4.375	2.066
2.950	2.956	<b>99294</b>	0.866	1.024	3.305	1.312	4.090	4.098	<b>99409</b>	0.787	0.945	4.438	1.417
2.990	2.996	<b>99291</b>	0.484	0.625	3.359	1.331	4.122	4.130	<b>99412</b>	0.813	1.000	4.420	1.375
2.990	2.996	<b>99298</b>	0.563	0.688	3.359	1.375	4.130	4.138	<b>99413</b>	0.787	0.906	4.470	1.378
2.990	2.996	<b>99299</b>	0.813	1.000	3.359	1.250	4.183	4.191	<b>99418</b>	0.813	1.000	4.500	1.375
2.997	3.003	<b>99296</b>	0.813	0.938	3.240	1.375	4.226	4.234	<b>99423</b>	0.781	0.906	4.610	1.438
3.000	3.006	<b>99300</b>	0.813	1.000	3.453	1.250	4.248	4.256	<b>99424</b>	0.813	1.000	4.813	1.375
3.000	3.006	<b>99303</b>	0.625	0.813	3.345	1.063	4.322	4.331	<b>99434</b>	0.448	0.589	4.921	1.297
3.064	3.071	<b>99306</b>	0.750	0.875	3.468	2.056	4.327	4.335	<b>99435</b>	0.509	0.650	4.921	1.250
3.120	3.126	<b>99311</b>	0.688	0.813	3.531	2.000	4.370	4.378	<b>99437</b>	0.813	1.000	4.750	1.650
3.120	3.126	<b>99312</b>	0.813	1.000	3.531	2.000	4.401	4.409	<b>99438</b>	0.750	0.886	4.750	1.300
3.124	3.132	<b>99307</b>	0.551	0.709	3.525	2.031	4.434	4.442	<b>99439</b>	1.000	1.142	4.813	1.313
3.142	3.150	<b>99313</b>	0.750	0.886	3.540	1.375	4.496	4.504	<b>99450</b>	0.813	1.000	5.000	1.375
3.146	3.153	<b>99315</b>	0.827	0.945	3.543	1.375	4.523	4.531	<b>99452</b>	0.813	0.938	5.000	1.250
3.146	3.153	<b>99317</b>	0.433	0.590	3.543	1.378	4.621	4.629	<b>99463</b>	1.000	1.250	5.063	1.375
3.225	3.231	<b>99328</b>	0.661	0.850	3.587	1.732	4.621	4.629	<b>99465</b>	0.438	0.625	5.000	1.375
3.247	3.253	<b>99322</b>	0.813	1.000	3.594	1.375	4.685	4.693	<b>99468</b>	0.812	1.000	5.062	1.375
3.248	3.254	<b>99323</b>	0.600	0.725	3.585	1.375	4.720	4.728	<b>99471</b>	0.315	0.433	5.110	1.323
3.250	3.256	<b>99324</b>	0.595	0.719	3.594	1.375	4.720	4.728	<b>99473</b>	0.787	0.984	5.110	1.260
3.250	3.256	<b>99325</b>	0.813	1.000	3.594	1.375	4.746	4.754	<b>99475</b>	0.500	0.750	5.250	1.500
3.250	3.256	<b>99326</b>	0.688	0.875	3.585	1.250	4.801	4.807	<b>99472</b>	0.787	0.945	5.177	1.260
3.307	3.313	<b>99331</b>	0.813	1.000	3.688	1.375	4.871	4.879	<b>99487</b>	0.625	0.752	5.252	1.457
3.337	3.347	<b>99332</b>	0.669	0.827	3.700	1.378	4.917	4.925	<b>99490</b>	0.394	0.551	5.402	1.457
3.337	3.346	<b>99333</b>	0.827	0.984	3.700	2.007	4.917	4.925	<b>99492</b>	1.024	1.260	5.400	1.438
3.338	3.346	<b>99334</b>	1.062	1.250	3.700	2.007	4.998	5.006	<b>99498</b>	0.688	0.875	5.400	1.438
3.373	3.379	<b>99337</b>	0.813	1.000	3.688	1.375	4.998	5.006	<b>99499</b>	0.813	1.000	5.406	1.500
3.435	3.441	<b>99339</b>	0.781	0.906	3.844	1.406	4.998	5.006	<b>99501</b>	0.813	1.000	5.390	1.438
3.477	3.483	<b>99340</b>	0.781	0.906	3.835	1.406	5.110	5.118	<b>99494</b>	0.750	0.938	5.493	1.181
3.497	3.503	<b>99346</b>	0.625	0.813	3.844	1.347	5.117	5.125	<b>99491</b>	0.866	0.996	5.492	1.299
3.500	3.506	<b>99347</b>	0.315	0.500	3.827	1.339	5.120	5.128	<b>99513</b>	0.813	1.000	5.500	1.250

SIZE SECTION

## Size Section

## REDI-SLEEVES

Shaft Range		Part No.	Width on Shaft	Overall Width	Flanged O.D.	Install. Depth
Min	Max					
5.246	5.254	<b>99525</b>	0.813	1.000	5.560	1.250
5.307	5.315	<b>99533</b>	0.807	1.000	5.735	1.250
5.371	5.379	<b>99537</b>	0.813	1.000	5.875	1.250
5.498	5.506	<b>99549</b>	0.812	1.000	5.938	1.250
5.498	5.506	<b>99550</b>	0.518	0.705	5.938	1.250
5.508	5.516	<b>99552</b>	0.807	1.000	5.945	1.250
5.621	5.629	<b>99560</b>	0.875	1.000	6.188	1.812
5.699	5.709	<b>99571</b>	0.750	0.875	6.100	1.812
5.726	5.734	<b>99562</b>	0.563	0.750	6.100	1.938
5.746	5.754	<b>99575</b>	0.813	1.000	6.180	1.750
5.871	5.879	<b>99587</b>	1.000	1.250	6.188	1.313
5.895	5.905	<b>99595</b>	1.024	1.181	6.260	1.338
5.934	5.942	<b>99596</b>	1.000	1.125	6.375	1.875
5.995	6.003	<b>99599</b>	1.000	1.250	6.375	1.750
5.995	6.003	<b>99601</b>	0.500	0.750	6.360	1.750
6.058	6.068	<b>99605</b>	1.024	1.181	6.375	1.299
6.092	6.102	<b>99606</b>	1.024	1.181	6.500	1.299
6.198	6.208	<b>99620</b>	0.813	1.063	6.625	1.750
6.245	6.255	<b>99625</b>	1.031	1.250	6.625	1.750
6.289	6.299	<b>99630</b>	1.000	1.250	7.000	1.800
6.495	6.505	<b>99650</b>	1.000	1.250	7.000	1.750
6.683	6.693	<b>99640</b>	1.250	1.496	7.188	1.750
6.745	6.755	<b>99675</b>	0.813	1.063	7.125	1.750
6.880	6.890	<b>99687</b>	1.102	1.260	7.362	1.378
6.995	7.005	<b>99700</b>	1.000	1.250	7.500	1.750
7.077	7.087	<b>99721</b>	1.300	1.496	7.500	1.752
7.244	7.254	<b>99725</b>	1.250	1.500	7.760	2.175
7.444	7.454	<b>99745</b>	0.813	1.000	7.860	1.250
7.495	7.505	<b>99750</b>	0.813	1.000	7.875	1.250
7.869	7.879	<b>99787</b>	1.359	1.500	8.375	1.750
7.995	8.005	<b>99800</b>	1.000	1.250	8.375	1.750

**Size Section**

**METRIC LIST SIZE & TYPE**

**SIZE SECTION**

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>6,00mm SHAFT</b>							
16,00	16,20		5,00		S	6X16X5	35
16,00	16,28		7,00		S	6X16X7	35
22,00	22,28		7,00		S	6X22X7	35
<b>7,00mm SHAFT</b>							
16,00	16,28		7,00		S	7X16X7	32
22,00	22,28		7,00		S	7X22X7	35
<b>8,00mm SHAFT</b>							
14,00	14,20		4,00		S	8X14X4	35
16,00	16,23		7,00		S	8X16X7	35
18,00	18,20		5,00		S	8X18X5	35
22,00	22,28		7,00		S	8X22X7	32
<b>9,00mm SHAFT</b>							
18,00	18,20		7,00		S	9X18X7	35
22,00	22,20		7,00		S	9X22X7	35
26,00	26,28		7,00		S	9X26X7	35
<b>10,00mm SHAFT</b>							
19,00	19,20		7,00		S	10X19X7	32
22,00	22,28		7,00		S	10X22X7	32
24,00	24,23		7,00		S	10X24X7	35
25,00	25,28		7,00		S	10X25X7	32
26,00	26,23		7,00		S	10X26X7	32
<b>11,00mm SHAFT</b>							
17,00	17,25		4,00		S	11X17X4	32
30,00	30,20		7,00		S	11X30X7	32
<b>12,00mm SHAFT</b>							
22,00	22,25		7,00		S	12X22X7	35
24,00	24,23		7,00		S	12X24X7	32
25,00	25,20		4,50		S	12X25X4.5	32
26,00	26,20		6,00		S	12X26X6	35
28,00	28,20		7,00		S	12X28X7	35
32,00	32,20		7,00		S	12X32X7	35
35,00	35,20		7,00		S	12X35X7	32
<b>13,00mm SHAFT</b>							
22,00	22,20		6,00		S	13X22X6	32
26,00	26,20		7,00		S	13X26X7	32
28,00	28,20		7,00		S	13X28X7	32
30,00	30,20		7,00		S	13X30X7	32
<b>14,00mm SHAFT</b>							
24,00	24,23		7,00		S	14X24X7	32
25,00	25,23		5,00		S	14X25X5	32
26,00	26,23		7,00		S	14X26X7	32
27,00	27,20		7,00		S	14X27X7	32
30,00	30,20		7,00		S	14X30X7	32
32,00	32,20		7,00		S	14X32X7	32
35,00	35,22		7,00		S	14X35X7	32
<b>15,00mm SHAFT</b>							
24,00	24,23		7,00		S	15X24X7	32
25,00	25,20		5,00		S	15X25X5	32
25,00	25,25		6,00		N	15X25X6	32

Hsg Bore	Seal O.D.	Seal Flanged O.D.	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>15,00mm SHAFT (cont.)</b>							
25,00	25,20		7,00		S	15X25X7	35
26,00	26,23		7,00		S	15X26X7	32
28,00	28,20		7,00		S	15X28X7	32
30,00	30,23		7,00		S	15X30X7	32
32,00	32,20		7,00		S	15X32X7	35
32,00	32,22		8,00		S	15X32X8	32
35,00	35,23		7,00		S	15X35X7	32
40,00	40,20		7,00		S	15X40X7	32
<b>16,00mm SHAFT</b>							
22,00	22,20		4,00		S	16X22X4	32
24,00	24,20		5,00		S	16X24X5	35
24,00	24,20		6,00		S	16X24X6	32
26,00	26,20		7,00		S	16X26X7	32
28,00	28,23		7,00		S	16X28X7	32
30,00	30,23		7,00		S	16X30X7	32
32,00	32,28		7,00		S	16X32X7	32
35,00	35,23		7,00		S	16X35X7	32
38,00	38,20		7,00		S	16X38X7	35
40,00	40,20		7,00		S	16X40X7	32
<b>17,00mm SHAFT</b>							
27,00	27,20		7,00		S	17X27X7	32
28,00	28,23		7,00		S	17X28X7	35
30,00	30,23		7,00		S	17X30X7	32
32,00	32,22		7,00		S	17X32X7	32
35,00	35,18		7,00		S	17X35X7	35
35,00	35,20		8,00		S	17X35X8	35
37,00	37,20		7,00		S	17X37X7	32
38,00	38,20		7,00		S	17X38X7	32
40,00	40,23		7,00		S	17X40X7	32
47,00	47,20		7,00		S	17X47X7	35
47,00	47,20		8,00		S	17X47X8	32
<b>18,00mm SHAFT</b>							
30,00	30,23		7,00		S	18X30X7	32
32,00	32,22		8,00		S	18X32X8	32
35,00	35,18		7,00		S	18X35X7	32
38,00	38,20		7,00		S	18X38X7	32
<b>19,00mm SHAFT</b>							
27,00	27,20		6,00		S	19X27X6	35
32,00	32,20		8,00		S	19X32X8	32
40,00	40,23		10,00		S	19X40X10	35
47,00	47,20		7,00		S	19X47X7	32
<b>20,00mm SHAFT</b>							
28,00	28,20		6,00		S	20X28X6	32
30,00	30,20		5,00		S	20X30X5	35
32,00	32,23		7,00		S	20X32X7	32
35,00	35,23		7,00		S	20X35X7	32
36,00	36,20		7,00		S	20X36X7	32
37,00	37,20		7,00		S	20X37X7	32
38,00	38,20		7,00		S	20X38X7	32
40,00	40,23		7,00		S	20X40X7	32
42,00	42,15		10,00		S	20X42X10	45
42,00	42,25		7,00		S	20X42X7	32

**Size Section**

**METRIC LIST SIZE & TYPE**

Hsg Bore	Seal O.D.	Seal Flanged O.D	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal O.D.	Seal Flanged O.D	Seal Width	Width w/Side Lip	Lip Mat'l	Part No.	Type/ Illus.
<b>20,00mm SHAFT (cont.)</b>								<b>27,00mm SHAFT (cont.)</b>							
47,00	47,22		7,00		S	20X47X7	32	42,00	42,20		7,00		S	27X42X7	35
52,00	52,20		7,00		S	20X52X7	32	45,00	45,25		8,00		S	27X45X8	35
<b>21,00mm SHAFT</b>								<b>28,00mm SHAFT</b>							
35,00	35,20		7,00		S	21X35X7	32	38,00	38,23		7,00		S	28X38X7	32
<b>22,00mm SHAFT</b>								<b>30,00mm SHAFT</b>							
32,00	32,23		7,00		S	22X32X7	32	37,00	37,23		4,00		S	30X37X4	32
35,00	35,23		7,00		S	22X35X7	32	40,00	40,23		4,00		S	30X40X4	32
36,00	36,20		7,00		S	22X36X7	32	40,00	40,23		7,00		S	30X40X7	32
37,00	37,23		7,00		S	22X37X7	35	42,00	42,20		7,00		S	30X42X7	35
38,00	38,20		7,00		S	22X38X7	35	44,00	44,28		7,00		S	30X44X7	32
38,00	38,20		8,00		S	22X38X8	32	45,00	45,20		8,00		S	30X45X8	32
40,00	40,23		7,00		S	22X40X7	32	47,00	47,23		10,00		S	30X47X10	32
42,00	42,20		10,00		S	22X42X10	35	47,00	47,25		7,00		S	30X47X7	32
42,00	42,20		7,00		S	22X42X7	32	50,00	50,23		7,00		S	30X50X7	32
45,00	45,23		7,00		S	22X45X7	35	52,00	52,23		10,00		S	30X52X10	32
50,00	50,20		8,00		S	22X50X8	32	52,00	52,23		7,00		S	30X52X7	35
<b>24,00mm SHAFT</b>								<b>31,00mm SHAFT</b>							
35,00	35,23		7,00		S	24X35X7	32	44,00	44,20		8,00		S	31X44X8	32
37,00	37,23		7,00		S	24X37X7	35	<b>32,00mm SHAFT</b>							
38,00	38,20		7,00		S	24X38X7	32	42,00	42,20		7,00		S	32X42X7	35
40,00	40,23		7,00		S	24X40X7	32	42,00	42,20		8,00		S	32X42X8	32
42,00	42,25		10,00		S	24X42X10	32	45,00	45,23		7,00		S	32X45X7	32
47,00	47,23		7,00		S	24X47X7	32	46,00	46,23		6,00		S	32X46X6 <sup>RC</sup>	32
52,00	52,20		7,00		S	24X52X7	32	47,00	47,23		7,00		S	32X47X7	35
<b>25,00mm SHAFT</b>								<b>33,00mm SHAFT</b>							
35,00	35,20		6,00		S	25X35X6	32	50,00	50,25		12,00		S	33X50X12	32
36,00	36,23		7,00		S	25X36X7	32	52,00	52,25		6,00		S	33X52X6	32
36,00	36,22		8,00		S	25X36X8	32	<b>34,00mm SHAFT</b>							
37,00	37,23		5,00		S	25X37X5	32	45,00	45,20		8,00		S	34X45X8	32
37,00	37,20		7,00		S	25X37X7	32	52,00	52,28		8,00		S	34X52X8	32
38,00	38,23		7,00		S	25X38X7	32	54,00	54,20		9,00		S	34X54X9	35
40,00	40,22		7,00		S	25X40X7	32	<b>1.000" (1-3/32") SHAFT</b>							
42,00	42,20		6,00		S	25X42X6	32	<b>26,00mm SHAFT</b>							
42,00	42,20		8,00		S	25X42X8	32	37,00	37,20		7,00		S	26X37X7	32
45,00	45,23		8,00		S	25X45X8	32	38,00	38,20		5,00		S	26X38X5	32
46,00	46,20		7,00		S	25X46X7	32	42,00	42,23		10,00		S	26X42X10	32
47,00	47,23		7,00		S	25X47X7	32	48,00	48,23		7,00		S	26X48X7	32
48,00	48,20		8,00		S	25X48X8	32	52,00	52,20		8,00		S	26X52X8	32
52,00	52,27		7,00		S	25X52X7	32	<b>27,00mm SHAFT</b>							
52,00	52,20		8,00		S	25X52X8	35	37,00	37,15		7,00		S	27X37X7	35
62,00	62,20		7,00		S	25X62X7	32								

SIZE SECTION

**Size Section**

**METRIC LIST SIZE & TYPE**

**SIZE SECTION**

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>35,00mm SHAFT (cont.)</b>								<b>40,00mm SHAFT (cont.)</b>							
45,00	45,15		7,00		S	35X45X7	35	65,00	65,28		10,00		S	40X65X10	32
47,00	47,23		7,00		S	35X47X7	35	68,00	68,80		8,00		S	40X68X8	35
48,00	48,20		8,00		S	35X48X8	32	70,00	70,20		8,00		S	40X70X8	32
50,00	50,20		7,00		S	35X50X7	32	72,00	72,35		7,00		S	40X72X7	35
50,00	50,24		8,00		S	35X50X8	35	75,00	75,20		8,00		S	40X75X8	32
52,00	52,20		7,00		S	35X52X7	32	80,00	80,28		10,00		S	40X80X10	35
54,00	54,20		8,00		S	35X54X8	35	90,00	90,20		8,00		S	40X90X8	35
55,00	55,23		11,00		S	35X55X11 <sup>RC</sup>	32	<b>41,00mm SHAFT</b>							
55,00	55,10		8,00		S	35X55X8	47	55,00	55,29		7,00		S	41X55X7	32
56,00	56,27		10,00		S	35X56X10	32	56,00	56,25		7,00		S	41X56X7	32
56,00	56,20		8,00		S	35X56X8	35	<b>42,00mm SHAFT</b>							
58,00	58,28		10,00		S	35X58X10	35	55,00	55,20		7,00		S	42X55X7	32
60,00	60,23		10,00		S	35X60X10	35	55,00	55,28		8,00		S	42X55X8	35
62,00	62,28		7,00		S	35X62X7	32	56,00	56,13		7,00		S	42X56X7 <sup>RC</sup>	32
70,00	70,20		8,00		S	35X70X8	32	58,00	58,10		7,00		S	42X58X7	48
72,00	72,20		8,00		S	35X72X8	32	60,00	60,22		7,00		S	42X60X7	32
80,00	80,28		12,00		S	35X80X12	32	62,00	62,27		8,00		S	42X62X8	35
80,00	80,20		8,00		S	35X80X8	32	65,00	65,15		10,00		N	42X65X10 <sup>RC</sup>	47
<b>36,00mm SHAFT</b>								70,00	70,20		10,00		S	42X70X10	32
47,00	47,20		7,00		S	36X47X7	35	72,00	72,27		10,00		S	42X72X10	32
50,00	50,08		7,00		S	36X50X7 <sup>RC</sup>	47	72,00	72,20		8,00		S	42X72X8	32
52,00	52,20		7,00		S	36X52X7	35	80,00	80,20		8,00		S	42X80X8	32
54,00	54,20		7,50		S	36X54X7.5	35	<b>43,00mm SHAFT</b>							
54,00	54,20		8,00		S	36X54X8	35	65,00	65,20		8,00		S	43X65X8	32
56,00	56,25		10,00		S	36X56X10	35	<b>44,00mm SHAFT</b>							
58,00	58,23		12,00		S	36X58X12	35	60,00	60,20		7,00		S	44X60X7	32
58,00	58,25		8,00		S	36X58X8 <sup>RC</sup>	47	62,00	62,26		8,00		S	44X62X8 <sup>Bl</sup>	32
62,00	62,28		7,00		S	36X62X7	32	70,00	70,20		8,00		S	44X70X8	32
68,00	68,28		10,00		S	36X68X10	35	<b>45,00mm SHAFT</b>							
<b>37,00mm SHAFT</b>								58,00	58,28		7,00		S	45X58X7	35
52,00	52,28		8,00		S	37X52X8	35	60,00	60,25		10,00		S	45X60X10	32
<b>38,00mm SHAFT</b>								60,00	60,20		7,00		S	45X60X7	35
50,00	50,25		7,00		S	38X50X7	35	60,00	60,20		8,00		S	45X60X8	32
52,00	52,20		7,00		S	38X52X7	32	62,00	62,30		8,00		S	45X62X8	35
52,00	52,25		8,50		S	38X52X8.5	32	65,00	65,28		8,00		S	45X65X8	32
53,00	53,20		8,00		S	38X53X8	32	70,00	70,18		10,00		S	45X70X10	32
54,00	54,18		7,00		S	38X54X7	48	72,00	72,28		7,00		S	45X72X7	35
55,00	55,23		7,00		N	38X55X7	32	72,00	72,25		9,50		S	45X72X95	32
58,00	58,11		8,00		S	38X58X8 <sup>RC</sup>	47	75,00	75,20		7,00		S	45X75X7	32
60,00	60,35		10,00		S	38X60X10	32	80,00	80,28		10,00		S	45X80X10	32
70,00	70,20		10,00		S	38X70X10	35	85,00	85,20		10,00		S	45X85X10	32
74,00	74,20		11,00		N	38X74X11	32	<b>46,00mm SHAFT</b>							
74,00	74,20		8,00		S	38X74X8	32	65,00	65,30		10,00		S	46X65X10	32
90,00	90,20		8,00		S	38X90X8	32	65,00	65,20		7,00		S	46X65X7	32
<b>40,00mm SHAFT</b>								70,00	70,20		8,00		S	46X70X8	32
52,00	52,25		7,00		S	40X52X7	32	<b>47,00mm SHAFT</b>							
54,00	54,20		5,50		S	40X54X6	47	62,00	62,20		8,00		S	47X62X8	32
55,00	55,28		8,00		S	40X55X8 <sup>RC</sup>	32	65,00	65,20		8,00		S	47X65X8	32
56,00	56,20		7,00		S	40X56X7 <sup>Bl</sup>	32	70,00	70,20		10,00		S	47X70X10	32
60,00	60,20		10,00		S	40X60X10	32	<b>48,00mm SHAFT</b>							
62,00	62,20		7,00		S	40X62X7	35	62,00	62,10		8,00		S	48X62X8	35
62,00	62,25		8,00		S	40X62X8	32								

**Size Section**

**METRIC LIST SIZE & TYPE**

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.	Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip					Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>48,00mm SHAFT (cont.)</b>								<b>57,00mm SHAFT (cont.)</b>							
70,00	70,28		9,00		S	48X70X9	35	85,00	85,20		13,00		S	57X85X13	32
72,00	72,31		7,00		S	48X72X7	32	<b>58,00mm SHAFT</b>							
90,00	90,20		10,00		S	48X90X10	35	72,00	72,28		8,00		S	58X72X8	32
<b>50,00mm SHAFT</b>								75,00	75,26		7,00		S	58X75X7 <sup>BI</sup>	32
62,00	62,28		7,00		S	50X62X7	32	80,00	80,28		8,00		S	58X80X8	32
65,00	65,28		8,00		S	50X65X8 <sup>RC</sup>	32	85,00	85,25		13,00		S	58X85X13	32
68,00	68,28		8,00		S	50X68X8	35	<b>60,00mm SHAFT</b>							
70,00	70,20		8,00		S	50X70X8	32	100,00	100,20		10,00		N	60X100X10 <sup>BI</sup>	32
70,00	70,20		9,00		S	50X70X9 <sup>RC</sup>	32	110,00	110,20		8,00		S	60X110X8	32
72,00	72,28		8,00		S	50X72X8	35	72,00	72,28		8,00		S	60X72X8	35
75,00	75,28		12,00		S	50X75X12	32	80,00	80,20		8,00		S	60X80X8	32
75,00	75,20		7,00		S	50X75X7	32	82,00	82,20		7,00		S	60X82X7	32
80,00	80,28		10,00		S	50X80X10	32	85,00	85,28		8,00		S	60X85X8	32
80,00	80,28		8,00		S	50X80X8	32	90,00	90,25		8,00		S	60X90X8	32
85,00	85,20		8,00		S	50X85X8	32	95,00	95,20		8,00		S	60X95X8	32
90,00	90,28		10,00		S	50X90X10	35	<b>62,00mm SHAFT</b>							
<b>51,00mm SHAFT</b>								100,00	100,30		7,00		S	62X100X7	32
66,00	66,12		6,60		S	51X66X6.5	35	80,00	80,28		10,00		S	62X80X10	32
<b>52,00mm SHAFT</b>								80,00	80,20		9,00		S	62X80X9	32
65,00	65,30		9,00		S	52X65X9	32	85,00	85,13		8,00		S	62X85X8 <sup>RC</sup>	41
70,00	70,20		8,00		S	52X70X8	32	<b>63,00mm SHAFT</b>							
72,00	72,20		8,00		S	52X72X8	35	85,00	85,27		7,00		S	63X85X7 <sup>BI</sup>	32
80,00	80,28		10,00		S	52X80X10 <sup>BI</sup>	32	90,00	90,27		7,00		S	63X90X7 <sup>BI</sup>	32
85,00	85,20		8,00		S	52X85X7	32	<b>65,00mm SHAFT</b>							
<b>53,00mm SHAFT</b>								100,00	100,28		10,00		S	65X100X10	35
68,00	68,28		10,00		S	53X68X10	32	100,00	100,30		7,00		S	65X100X7	32
<b>54,00mm SHAFT</b>								80,00	80,28		8,00		S	65X80X8	32
65,00	65,20		8,00		S	54X65X8	32	85,00	85,27		10,00		S	65X85X10	32
72,00	72,25		10,00		S	54X72X10	32	85,00	85,20		8,00		S	65X85X8	35
82,00	82,35		10,00		S	54X82X10	32	88,00	88,20		10,00		S	65X88X10	32
<b>55,00mm SHAFT</b>								88,00	88,20		8,00		S	65X88X8	35
100,00	100,03		7,00		S	55X100X7	32	90,00	90,28		10,00		S	65X90X10	32
68,00	68,28		8,00		S	55X68X8	32	90,00	90,20		7,00		S	65X90X7	32
70,00	70,27		8,00		S	55X70X8	35	95,00	95,20		7,00		S	65X95X7	32
72,00	72,25		8,00		S	55X72X8	32	<b>68,00mm SHAFT</b>							
75,00	75,20		8,00		S	55X75X8	32	100,00	100,28		13,00		S	68X100X13	32
78,00	78,28		8,00		S	55X78X8	35	100,00	100,28		7,00		S	68X100X7 <sup>BI</sup>	32
80,00	80,28		8,00		S	55X80X8	32	82,00	82,20		7,00		S	68X82X7	32
85,00	85,20		8,00		S	55X85X8	32	85,00	85,28		10,00		S	68X85X10	32
90,00	90,28		10,00		S	55X90X10	32	85,00	85,20		8,00		S	68X85X8	35
90,00	90,28		13,00		S	55X90X13	32	90,00	90,32		10,00		S	68X90X10	32
90,00	90,27		8,00		S	55X90X8	32	90,00	90,20		7,00		S	68X90X7	32
<b>56,00mm SHAFT</b>								95,00	95,20		10,00		S	68X95X10	35
68,00	68,12		10,00		N	56X68X10	32	95,00	95,28		7,00		S	68X95X7 <sup>BI</sup>	32
70,00	70,20		8,00		S	56X70X8	35	<b>70,00mm SHAFT</b>							
72,00	72,40		11,50		S	56X72X11.5	35	100,00	100,20		10,00		S	70X100X10	32
72,00	72,20		7,00		S	56X72X7	32	100,00	100,28		13,00		S	70X100X13	32
75,00	75,20		7,00		S	56X75X7	32	105,00	105,20		13,00		S	70X105X13	35
80,00	80,28		8,00		S	56X80X8	32	105,00	105,30		7,00		S	70X105X7	32
90,00	90,20		8,00		S	56X90X8	32	85,00	85,28		8,00		S	70X85X8	35
								88,00	88,25		8,00		S	70X88X8	32

SIZE SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>RC</sup>Redicoat®

**Size Section**

**METRIC LIST SIZE & TYPE**

**SIZE SECTION**

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>70,00mm SHAFT (cont.)</b>							
90,00	90,32		10,00		S	70X90X10	32
90,00	90,20		7,00		S	70X90X7	32
92,00	92,20		12,00		S	70X92X12	32
<b>72,00mm SHAFT</b>							
100,00	100,20		10,00		S	72X100X10	35
<b>75,00mm SHAFT</b>							
100,00	100,20		10,00		S	75X100X10	32
100,00	100,27		12,00		S	75X100X12	32
105,00	105,27		13,00		S	75X105X13	32
115,00	115,30		12,00		S	75X115X12	35
120,00	120,20		10,00		S	75X120X10	32
90,00	90,25		10,00		S	75X90X10	32
95,00	95,28		10,00		S	75X95X10	32
<b>78,00mm SHAFT</b>							
105,00	105,20		10,00		S	78X105X10	32
115,00	115,20		10,00		S	78X115X10	32
<b>80,00mm SHAFT</b>							
100,00	100,20		10,00		S	80X100X10	35
105,00	105,27		13,00		S	80X105X13	32
110,00	110,28		10,00		S	80X110X10	32
120,00	120,20		10,00		S	80X120X10	32
120,00	120,28		13,00		S	80X120X13	32
125,00	125,27		7,00		S	80X125X7 <sup>Bl</sup>	32
<b>82,00mm SHAFT</b>							
105,00	105,25		13,00		S	82X105X13	25
<b>85,00mm SHAFT</b>							
105,00	105,28		10,00		S	85X105X10	32
110,00	110,20		10,00		S	85X110X10	35
110,00	110,28		12,00		S	85X110X12	32
115,00	115,00		13,00		S	85X115X13	35
115,00	115,27		7,00		S	85X115X7 <sup>Bl</sup>	32
120,00	120,28		12,00		S	85X120X12	32
125,00	125,20		12,00		S	85X125X12	32
130,00	130,15		12,70		S	85X130X13	48
<b>90,00mm SHAFT</b>							
110,00	110,20		12,00		S	90X110X12	32
115,00	115,20		12,00		S	90X115X12	32
120,00	120,28		12,00		S	90X120X12 <sup>Bl</sup>	32
125,00	125,70		7,00		S	90X125X7	32
<b>92,00mm SHAFT</b>							
120,00	120,24		13,00		S	92X120X13	35
<b>95,00mm SHAFT</b>							
115,00	115,28		12,00		S	95X115X12	35
120,00	120,28		12,00		S	95X120X12	32
125,00	125,28		12,00		S	95X125X12	35
130,00	130,28		12,00		S	95X130X12	32
<b>100,00mm SHAFT</b>							
120,00	120,30		10,00		S	100X120X10	35

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D.	Seal Width	w/Side Lip			
<b>100,00mm SHAFT (cont.)</b>							
120,00	120,28		12,00		S	100X120X12	32
125,00	125,28		12,00		S	100X125X12	32
130,00	130,28		12,00		S	100X130X12	32
<b>105,00mm SHAFT</b>							
125,00	125,28		13,00		S	105X125X13	32
130,00	130,28		12,00		S	105X130X12	32
140,00	140,28		12,00		S	105X140X12	32
<b>110,00mm SHAFT</b>							
130,00	130,28		12,00		S	110X130X12	32
135,00	135,30		13,00		S	110X135X13	32
140,00	140,28		12,00		S	110X140X12	32
140,00	140,23		13,00		S	110X140X13	32
150,00	150,14		12,00		S	110X150X12	35
<b>114,00mm SHAFT</b>							
140,00	140,28		13,00		S	114X140X13	32
<b>115,00mm SHAFT</b>							
140,00	140,28		12,00		S	115X140X12	32
145,00	145,30		13,00		S	115X145X13	35
145,00	145,20		14,00		S	115X145X14 <sup>Bl</sup>	32
150,00	150,28		12,00		S	115X150X12	35
<b>120,00mm SHAFT</b>							
140,00	140,28		13,00		S	120X140X13	32
145,00	145,28		12,00		S	120X145X12	35
150,00	150,28		12,00		S	120X150X12	32
<b>125,00mm SHAFT</b>							
150,00	150,28		12,00		S	125X150X12	32
160,00	160,28		12,00		S	125X160X12	32
170,00	170,20		15,00		S	125X170X15	32
<b>130,00mm SHAFT</b>							
150,00	150,10		10,00		S	130X150X10	47
160,00	160,28		12,00		S	130X160X12	32
170,00	170,30		12,00		S	130X170X12	35
170,00	170,28		15,00		S	130X170X15	32
<b>135,00mm SHAFT</b>							
160,00	160,38		13,00		S	135X160X13	35
<b>138,00mm SHAFT</b>							
152,00	152,10		12,00		S	138X152X12	47
<b>140,00mm SHAFT</b>							
160,00	160,20		12,00		S	140X160X12	32
170,00	170,30		12,00		S	140X170X12	32
170,00	170,43		15,00		S	140X170X15	32
<b>144,00mm SHAFT</b>							
160,00	160,25		12,00		S	144X160X12	35
<b>145,00mm SHAFT</b>							
170,00	170,45		12,00		S	145X170X12	32
175,00	175,38		15,00		S	145X175X15	32
180,00	180,28		12,00		S	145X180X12	35



**Size Section**

**METRIC LIST SIZE & TYPE**

Hsg Bore	Seal		Width		Lip Mat'l	Part No.	Type/ Illus.
	Seal O.D.	Flanged O.D	Seal Width	w/Side Lip			
<b>148,00mm SHAFT (cont.)</b>							
170,00	170,28		15,00		S	148X170X15	35
<b>150,00mm SHAFT</b>							
180,00	180,35		12,00		S	150X180X12	32
<b>155,00mm SHAFT</b>							
180,00	180,23		15,00		S	155X180X15	32
<b>160,00mm SHAFT</b>							
185,00	185,35		10,00		S	160X185X10	35
190,00	190,35		15,00		S	160X190X15	32
200,00	200,20		12,00		S	160X200X12	32
200,00	200,20		15,00		S	160X200X15	32
<b>170,00mm SHAFT</b>							
200,00	200,35		15,00		S	170X200X15	32
<b>175,00mm SHAFT</b>							
200,00	200,35		15,00		S	175X200X15	32
<b>180,00mm SHAFT</b>							
210,00	210,35		15,00		S	180X210X15	32
<b>185,00mm SHAFT</b>							
210,00	210,35		13,00		S	185X210X13	35
<b>190,00mm SHAFT</b>							
230,00	230,20		16,00		S	190X230X16	32
<b>200,00mm SHAFT</b>							
230,00	230,35		15,00		S	200X230X15	32
<b>210,00mm SHAFT</b>							
240,00	240,35		15,00		S	210X240X15	35
250,00	250,20		15,00		S	210X250X15	32
<b>220,00mm SHAFT</b>							
250,00	250,35		15,00		S	220X250X15	35
<b>230,00mm SHAFT</b>							
260,00	260,35		15,00		S	230X260X15	35
<b>240,00mm SHAFT</b>							
270,00	270,35		15,00		S	240X270X15	35
<b>280,00mm SHAFT</b>							
320,00	320,45		20,00		S	280X320X20	32
<b>300,00mm SHAFT</b>							
340,00	340,45		20,00		S	300X340X20	32

**Size Section**

**O-RINGS**

**SIZE SECTION**

ID	OD	Mat'l	Packaged Part No.	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
<b>!!0.000" Width</b>						
"	"		<b>375PKG</b>	1		
<b>1/32" Width</b>						
1/32"	3/32"	S	<b>001PKG</b>	5	001BULK	255
<b>3/64" Width</b>						
3/64"	9/64"	S	<b>002PKG</b>	5	002BULK	255
<b>1/16" Width</b>						
1/16"	3/16"	S	<b>003PKG</b>	10	003BULK	255
<b>1/16" Width</b>						
5/64"	13/64"	S	<b>004PKG</b>	5	004BULK	255
3/32"	7/32"	S	<b>005PKG</b>	5	005BULK	255
1/8"	1/4"	S	<b>006PKG</b>	20	006BULK	255
1/8"	1/4"	V	<b>006-V35</b>			
5/32"	9/32"	S	<b>007PKG</b>	20	007BULK	255
5/32"	9/32"	V	<b>007-V35</b>			
3/16"	5/16"	V	<b>008-V35</b>			
3/16"	5/16"	S	<b>008PKG</b>	20	008BULK	255
7/32"	11/32"	S	<b>009PKG</b>	20	009BULK	255
7/32"	11/32"	V	<b>009-V35</b>			
1/4"	3/8"	S	<b>010PKG</b>	20	010BULK	255
1/4"	3/8"	V	<b>010-V35</b>			
5/16"	7/16"	V	<b>011-V35</b>	10		
5/16"	7/16"	S	<b>011PKG</b>	20	011BULK	255
3/8"	1/2"	S	<b>012PKG</b>	20	012BULK	255
3/8"	1/2"	V	<b>012-V35</b>			
7/16"	9/16"	S	<b>013PKG</b>	10	013BULK	250
1/2"	5/8"	S	<b>014PKG</b>	10	014BULK	250
9/16"	11/16"	S	<b>015PKG</b>	10	015BULK	250
5/8"	3/4"	S	<b>016PKG</b>	10	016BULK	250
11/16"	13/16"	S	<b>017PKG</b>	10	017BULK	250
3/4"	7/8"	S	<b>018PKG</b>	10	018BULK	250
13/16"	15/16"	S	<b>019PKG</b>	10	019BULK	250
7/8"	1"	S	<b>020PKG</b>	10	020BULK	250
15/16"	1-1/16"	S	<b>021PKG</b>	10	021BULK	250
1"	1-1/8"	S	<b>022PKG</b>	10	022BULK	250
1-1/16"	1-3/16"	S	<b>023PKG</b>	10	023BULK	250
1-1/8"	1-1/4"	S	<b>024PKG</b>	10	024BULK	250
1-3/16"	1-5/16"	S	<b>025PKG</b>	10	025BULK	250
1-1/4"	1-3/8"	S	<b>026PKG</b>	10	026BULK	250
1-5/16"	1-7/16"	S	<b>027PKG</b>	10	027BULK	250
1-3/8"	1-1/2"	S	<b>028PKG</b>	10	028BULK	250
1-1/2"	1-5/8"	S	<b>029PKG</b>	5	029BULK	100
1-5/8"	1-3/4"	S	<b>030PKG</b>	5	030BULK	100
1-3/4"	1-7/8"	S	<b>031PKG</b>	5	031BULK	100
1-7/8"	2"	S	<b>032PKG</b>	5	032BULK	100
2"	2-1/8"	S	<b>033PKG</b>	5	033BULK	100
2-1/8"	2-1/4"	S	<b>034PKG</b>	5	034BULK	100
2-1/4"	2-3/8"	S	<b>035PKG</b>	5	035BULK	100
2-3/8"	2-1/2"	S	<b>036PKG</b>	5	036BULK	100
2-1/2"	2-5/8"	S	<b>037PKG</b>	5	037BULK	100
2-5/8"	2-3/4"	S	<b>038PKG</b>	5	038BULK	50
2-3/4"	2-7/8"	S	<b>039PKG</b>	5	039BULK	50
2-7/8"	3"	S	<b>040PKG</b>	5	040BULK	50

ID	OD	Mat'l	Packaged Part No.	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
<b>1/16" Width (cont.)</b>						
3"	3-1/8"	S	<b>041PKG</b>	5	041BULK	50
3-1/4"	3-3/8"	S	<b>042PKG</b>	5	042BULK	50
3-1/2"	3-5/8"	S	<b>043PKG</b>	5	043BULK	50
3-3/4"	3-7/8"	S	<b>044PKG</b>	5	044BULK	50
4"	4-1/8"	S	<b>045PKG</b>	5	045BULK	50
<b>2,00mm (0.079") Width</b>						
3,00	7,00	S	<b>6003020</b>	5		
4,00	8,00	S	<b>6004020</b>	5		
5,00	9,00	S	<b>6005020</b>	5		
6,00	10,00	S	<b>6006020</b>	5		
7,00	11,00	S	<b>6007020</b>	5		
8,00	12,00	S	<b>6008020</b>	5		
10,00	14,00	S	<b>6010020</b>	5		
<b>2,50mm (0.098") Width</b>						
3,00	15,00	S	<b>6010025</b>	5		
4,00	16,00	S	<b>6011025</b>	5		
5,00	17,00	S	<b>6012025</b>	5		
6,00	19,00	S	<b>6014025</b>	5		
7,00	21,00	S	<b>6016025</b>	5		
8,00	22,00	S	<b>6017025</b>	5		
10,00	24,00	S	<b>6019025</b>	5		
<b>3/32" Width</b>						
3/8"	9/16"	S	<b>110PKG</b>	20	110BULK	255
3/8"	9/16"	V	<b>110-V35</b>			
7/16"	5/8"	S	<b>111PKG</b>	20	111BULK	255
7/16"	5/8"	V	<b>111-V35</b>			
1/2"	11/16"	S	<b>112PKG</b>	20	112BULK	255
1/2"	11/16"	V	<b>112-V35</b>			
9/16"	3/4"	V	<b>113-V35</b>			
9/16"	3/4"	S	<b>113PKG</b>	10	113BULK	255
5/8"	13/16"	S	<b>114PKG</b>	10	114BULK	255
5/8"	13/16"	V	<b>114-V35</b>			
11/16"	7/8"	S	<b>115PKG</b>	10	115BULK	255
11/16"	7/8"	V	<b>115-V35</b>			
3/4"	15/16"	V	<b>116-V35</b>			
3/4"	15/16"	S	<b>116PKG</b>	10	116BULK	255
13/16"	1"	S	<b>117PKG</b>	10	117BULK	250
7/8"	1-1/16"	S	<b>118PKG</b>	10	118BULK	250
15/16"	1-1/8"	S	<b>119PKG</b>	10	119BULK	250
1"	1-3/16"	S	<b>120PKG</b>	10	120BULK	250
1-1/16"	1-1/4"	S	<b>121PKG</b>	10	121BULK	250
1-1/8"	1-5/16"	S	<b>122PKG</b>	10	122BULK	250
1-3/16"	1-3/8"	S	<b>123PKG</b>	10	123BULK	250
1-1/4"	1-7/16"	S	<b>124PKG</b>	10	124BULK	250
1-5/16"	1-1/2"	S	<b>125PKG</b>	10	125BULK	250
1-3/8"	1-9/16"	S	<b>126PKG</b>	5	126BULK	250
1-7/16"	1-5/8"	S	<b>127PKG</b>	5	127BULK	250
1-1/2"	1-11/16"	S	<b>128PKG</b>	5	128BULK	250
1-9/16"	1-3/4"	S	<b>129PKG</b>	5	129BULK	250
1-5/8"	1-13/16"	S	<b>130PKG</b>	5	130BULK	100
1-11/16"	1-7/8"	S	<b>131PKG</b>	5	131BULK	100
1-3/4"	1-15/16"	S	<b>132PKG</b>	5	132BULK	100
1-13/16"	2"	S	<b>133PKG</b>	5	133BULK	100

**Size Section**

**O-RINGS**

ID	OD	Mat'l	Packaged Part No.	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack	ID	OD	Mat'l	Packaged Part No.	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
<b>3/32" Width (cont.)</b>							<b>1/8" Width (cont.)</b>						
1-7/8"	2-1/16"	S	134PKG	5	134BULK	100	1-1/4"	1-1/2"	V	218-V35			
1-15/16"	2-1/8"	S	135PKG	5	135BULK	100	1-5/16"	1-9/16"	V	219-V35			
2"	2-3/16"	S	136PKG	5	136BULK	100	1-5/16"	1-9/16"	S	219PKG	10	219BULK	250
2-1/16"	2-1/4"	S	137PKG	5	137BULK	100	1-3/8"	1-5/8"	S	220PKG	10	220BULK	250
2-1/8"	2-5/16"	S	138PKG	5	138BULK	100	1-3/8"	1-5/8"	V	220-V35			
2-3/16"	2-3/8"	S	139PKG	5	139BULK	100	1-7/16"	1-11/16"	S	221PKG	10	221BULK	250
2-1/4"	2-7/16"	S	140PKG	5	140BULK	100	1-7/16"	1-11/16"	V	221-V35			
2-5/16"	2-1/2"	S	141PKG	5	141BULK	100	1-1/2"	1-3/4"	V	222-V35			
2-3/8"	2-9/16"	S	142PKG	5	142BULK	100	1-1/2"	1-3/4"	S	222PKG	10	222BULK	250
2-7/16"	2-5/8"	S	143PKG	5	143BULK	100	1-5/8"	1-7/8"	S	223PKG	10	223BULK	250
2-1/2"	2-11/16"	S	144PKG	5	144BULK	100	1-3/4"	2"	S	224PKG	10	224BULK	250
2-9/16"	2-3/4"	S	145PKG	5	145BULK	100	1-7/8"	2-1/8"	S	225PKG	10	225BULK	250
2-5/8"	2-13/16"	S	146PKG	5	146BULK	100	2"	2-1/4"	S	226PKG	10	226BULK	250
2-11/16"	2-7/8"	S	147PKG	5	147BULK	100	2-1/8"	2-3/8"	S	227PKG	10	227BULK	250
2-3/4"	2-15/16"	S	148PKG	5	148BULK	100	2-1/4"	2-1/2"	S	228PKG	10	228BULK	250
2-13/16"	3"	S	149PKG	5	149BULK	100	2-3/8"	2-5/8"	S	229PKG	10	229BULK	250
2-7/8"	3-1/16"	S	150PKG	5	150BULK	100	2-1/2"	2-3/4"	S	230PKG	10	230BULK	250
3"	3-3/16"	S	151PKG	5	151BULK	100	2-5/8"	2-7/8"	S	231PKG	10	231BULK	250
3-1/4"	3-7/16"	S	152PKG	5	152BULK	100	2-3/4"	3"	S	232PKG	10	232BULK	250
3-1/2"	3-11/16"	S	153PKG	5	153BULK	100	2-7/8"	3-1/8"	S	233PKG	10	233BULK	250
3-3/4"	3-15/16"	S	154PKG	5	154BULK	100	3"	3-1/4"	S	234PKG	10	234BULK	250
4"	4-3/16"	S	155PKG	5	155BULK	50	3-1/8"	3-3/8"	S	235PKG	10	235BULK	250
<b>3,00mm (0.118") Width</b>							3-1/4"	3-1/2"	S	236PKG	10	236BULK	100
19,00	25,00	S	6019030	5			3-3/8"	3-5/8"	S	237PKG	10	237BULK	100
20,00	26,00	S	6020030	5			3-1/2"	3-3/4"	S	238PKG	10	238BULK	100
22,00	28,00	S	6022030	5			3-5/8"	3-7/8"	S	239PKG	10	239BULK	100
24,00	30,00	S	6024030	5			3-3/4"	4"	S	240PKG	10	240BULK	100
25,00	31,00	S	6025030	5			3-7/8"	4-1/8"	S	241PKG	10	241BULK	100
27,00	33,00	S	6027030	5			4"	4-1/4"	S	242PKG	10	242BULK	100
28,00	34,00	S	6028030	5			4-1/8"	4-3/8"	S	243PKG	10	243BULK	100
30,00	36,00	S	6030030	5			4-1/4"	4-1/2"	S	244PKG	10	244BULK	100
32,00	38,00	S	6032030	5			4-3/8"	4-5/8"	S	245PKG	10	245BULK	100
33,00	39,00	S	6033030	5			4-1/2"	4-3/4"	S	246PKG	5	246BULK	100
35,00	41,00	S	6035030	5			4-5/8"	4-7/8"	S	247PKG	5	247BULK	100
36,00	42,00	S	6036030	5			4-3/4"	5"	S	248PKG	5	248BULK	50
38,00	44,00	S	6038030	5			4-7/8"	5-1/8"	S	249PKG	5	249BULK	50
<b>1/8" Width</b>							5"	5-1/4"	S	250PKG	5	250BULK	50
3/4"	1"	S	210PKG	10	210BULK	250	5-1/8"	5-3/8"	S	251PKG	5	251BULK	50
3/4"	1"	V	210-V35				5-1/4"	5-1/2"	S	252PKG	5	252BULK	50
13/16"	1-1/16"	S	211PKG	10	211BULK	250	5-3/8"	5-5/8"	S	253PKG	5	253BULK	50
13/16"	1-1/16"	V	211-V35				5-1/2"	5-3/4"	S	254PKG	5	254BULK	50
7/8"	1-1/8"	S	212PKG	10	212BULK	250	5-5/8"	5-7/8"	S	255PKG	5	255BULK	50
7/8"	1-1/8"	V	212-V35				5-3/4"	6"	S	256PKG	5	256BULK	50
15/16"	1-3/16"	S	213PKG	10	213BULK	250	5-7/8"	6-1/8"	S	257PKG	5	257BULK	10
15/16"	1-3/16"	V	213-V35				6"	6-1/4"	S	258PKG	5	258BULK	10
1"	1-1/4"	V	214-V35				6-1/4"	6-1/2"	S	259PKG	5	259BULK	10
1"	1-1/4"	S	214PKG	10	214BULK	250	6-1/2"	6-3/4"	S	260PKG	5	260BULK	10
1-1/16"	1-5/16"	S	215PKG	10	215BULK	250	6-3/4"	7"	S	261PKG	5	261BULK	10
1-1/16"	1-5/16"	V	215-V35				7"	7-1/4"	S	262PKG	5	262BULK	10
1-1/8"	1-3/8"	S	216PKG	10	216BULK	250	7-1/4"	7-1/2"	S	263PKG	5	263BULK	10
1-1/8"	1-3/8"	V	216-V35				7-1/2"	7-3/4"	S	264PKG	5	264BULK	10
1-3/16"	1-7/16"	V	217-V35				7-3/4"	8"	S	265PKG	5	265BULK	10
1-3/16"	1-7/16"	S	217PKG	10	217BULK	250	8"	8-1/4"	S	266PKG	5	266BULK	10
1-1/4"	1-1/2"	S	218PKG	10	218BULK	250	8-1/4"	8-1/2"	S	267PKG	5	267BULK	10
							8-1/2"	8-3/4"	S	268PKG	5	268BULK	10

SIZE SECTION

**Size Section**

**O-RINGS**

ID	OD	Mat'l	Packaged Part No.	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack	ID	OD	Mat'l	Packaged Part No.	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
<b>1/8" Width (cont.)</b>							<b>1/4" Width (cont.)</b>						
8-3/4"	9"	S	<b>269PKG</b>	5	269BULK	10	6"	6-1/2"	S	<b>437PKG</b>	2	437BULK	10
9"	9-1/4"	S	<b>270PKG</b>	5	270BULK	10	6-1/4"	6-3/4"	S	<b>438PKG</b>	2	438BULK	10
9-1/4"	9-1/2"	S	<b>271PKG</b>	5	271BULK	10	6-1/2"	7"	S	<b>439PKG</b>	2	439BULK	10
9-1/2"	9-3/4"	S	<b>272PKG</b>	5	272BULK	10	6-3/4"	7-1/4"	S	<b>440PKG</b>	2	440BULK	10
9-3/4"	10"	S	<b>273PKG</b>	5	273BULK	10	7"	7-1/2"	S	<b>441PKG</b>	2	441BULK	10
10"	10-1/4"	S	<b>274PKG</b>	5	274BULK	10	7-1/4"	7-3/4"	S	<b>442PKG</b>	2	442BULK	10
<b>4,00mm (0.157") Width</b>							7-1/2"	8"	S	<b>443PKG</b>	2	443BULK	10
38,00	46,00	S	<b>6038040</b>	5			7-3/4"	8-1/4"	S	<b>444PKG</b>	2	444BULK	10
41,00	49,00	S	<b>6041040</b>	5			8"	8-1/2"	S	<b>445PKG</b>	2	445BULK	10
44,00	52,00	S	<b>6044040</b>	5			8-1/2"	9"	S	<b>446PKG</b>	2	446BULK	10
<b>3/16" Width</b>							9"	9-1/2"	S	<b>447PKG</b>	2	447BULK	10
1-1/2"	1-7/8"	S	<b>325PKG</b>	5	325BULK	100	9-1/2"	10"	S	<b>448PKG</b>	2	448BULK	10
1-1/2"	1-7/8"	V	<b>325-V35</b>				10"	10-1/2"	S	<b>449PKG</b>	1	449BULK	10
1-5/8"	2"	S	<b>326PKG</b>	5	326BULK	100	10-1/2"	11"	S	<b>450PKG</b>	1	450BULK	10
1-5/8"	2"	V	<b>326-V35</b>				11"	11-1/2"	S	<b>451PKG</b>	1	451BULK	10
1-3/4"	2-1/8"	S	<b>327PKG</b>	5	327BULK	100	11-1/2"	12"	S	<b>452PKG</b>	1	452BULK	10
1-3/4"	2-1/8"	V	<b>327-V35</b>				12"	12-1/2"	S	<b>453PKG</b>	1	453BULK	10
1-7/8"	2-1/4"	S	<b>328PKG</b>	5	328BULK	100	12-1/2"	13"	S	<b>454PKG</b>	1	454BULK	10
2"	2-3/8"	S	<b>329PKG</b>	5	329BULK	100	13"	13-1/2"	S	<b>455PKG</b>	1	455BULK	10
2-1/8"	2-1/2"	S	<b>330PKG</b>	5	330BULK	100	13-1/2"	14"	S	<b>456PKG</b>	1	456BULK	10
2-1/4"	2-5/8"	S	<b>331PKG</b>	5	331BULK	100	14"	14-1/2"	S	<b>457PKG</b>	1	457BULK	10
2-3/8"	2-3/4"	S	<b>332PKG</b>	5	332BULK	100	14-1/2"	15"	S	<b>458PKG</b>	1	458BULK	10
2-1/2"	2-7/8"	S	<b>333PKG</b>	5	333BULK	100	15"	15-1/2"	S	<b>459PKG</b>	1	459BULK	10
2-5/8"	3"	S	<b>334PKG</b>	5	334BULK	100	15-1/2"	16"	S	<b>460PKG</b>	1	460BULK	10
2-3/4"	3-1/8"	S	<b>335PKG</b>	5	335BULK	100							
2-7/8"	3-1/4"	S	<b>336PKG</b>	5	336BULK	100							
3"	3-3/8"	S	<b>337PKG</b>	5	337BULK	50							
3-1/8"	3-1/2"	S	<b>338PKG</b>	5	338BULK	50							
3-1/4"	3-5/8"	S	<b>339PKG</b>	5	339BULK	50							
3-3/8"	3-3/4"	S	<b>340PKG</b>	5	340BULK	50							
3-1/2"	3-7/8"	S	<b>341PKG</b>	5	341BULK	50							
3-5/8"	4"	S	<b>342PKG</b>	5	342BULK	50							
3-3/4"	4-1/8"	S	<b>343PKG</b>	5	343BULK	50							
3-7/8"	4-1/4"	S	<b>344PKG</b>	5	344BULK	50							
4"	4-3/8"	S	<b>345PKG</b>	5	345BULK	50							
4-1/8"	4-1/2"	S	<b>346PKG</b>	5	346BULK	50							
4-1/4"	4-5/8"	S	<b>347PKG</b>	5	347BULK	50							
4-3/8"	4-3/4"	S	<b>348PKG</b>	2	348BULK	50							
4-1/2"	4-7/8"	S	<b>349PKG</b>	2	349BULK	50							
5-1/2"	5-7/8"	S	<b>357PKG</b>	2	357BULK	10							
<b>1/4" Width</b>													
4-1/2"	5"	S	<b>425PKG</b>	2	425BULK	25							
4-5/8"	5-1/8"	S	<b>426PKG</b>	2	426BULK	25							
4-3/4"	5-1/4"	S	<b>427PKG</b>	2	427BULK	25							
4-7/8"	5-3/8"	S	<b>428PKG</b>	2	428BULK	25							
5"	5-1/2"	S	<b>429PKG</b>	2	429BULK	25							
5-1/8"	5-5/8"	S	<b>430PKG</b>	2	430BULK	25							
5-1/4"	5-3/4"	S	<b>431PKG</b>	2	431BULK	25							
5-3/8"	5-7/8"	S	<b>432PKG</b>	2	432BULK	25							
5-1/2"	6"	S	<b>433PKG</b>	2	433BULK	25							
5-5/8"	6-1/8"	S	<b>434PKG</b>	2	434BULK	10							
5-3/4"	6-1/4"	S	<b>435PKG</b>	2	435BULK	10							
5-7/8"	6-3/8"	S	<b>436PKG</b>	2	436BULK	10							

SIZE SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>1000 SERIES</b>							<b>1000 SERIES (cont.)</b>						
1012N	S	45,00	62,00	62,30	8,00	35	1936	S	49,00	64,00	64,28	6,00	#
		1.772	2.441	2.453	0.315				1.929	2.520	2.531	0.236	
1019 <sup>CCW</sup>	H	76,00	93,00	93,27	10,00	32	1940 <sup>CW</sup>	N	35,00	49,60	49,80	11,00	88
		2.992	3.661	3.672	0.394				1.378	1.953	1.961	0.433	
1021V <sup>CCW</sup>	V	70,00	87,00	87,40	8,50	32	1941	S	1.969	3.051	3.071	0.354	47
		2.756	3.425	3.441	0.335		1943	S	45,00	72,20	72,34	7,50	44
1036 <sup>CW</sup>	S	40,00	76,00	76,25	9,00	40			1.772	2.843	2.848	0.295	
		1.575	2.992	3.002	0.354		1948	S	50,00	68,00	68,28	8,00	35
1037	S	1.125	1.500	1.504	0.250	35			1.969	2.677	2.688	0.315	
1038 <sup>CW</sup>	N	38,00	59,00	59,30	9,00	32	<b>1949</b>	<b>S</b>	<b>48,00</b>	<b>62,00</b>	<b>62,10</b>	<b>7,00</b>	<b>48</b>
		1.496	2.323	2.335	0.354				<b>1.890</b>	<b>2.441</b>	<b>2.445</b>	<b>0.276</b>	
1049	S	0.750	1.125	1.129	0.250	33	1950 <sup>RC</sup>	S	41,00	53,00	53,25	7,00	41
1108 <sup>CW</sup>	V	35,00	48,00	48,40	7,00	32			1.614	2.087	2.096	0.276	
		1.378	1.890	1.906	0.276		1953 <sup>RC,CW</sup>	N	42,00	60,00	60,22	7,00	32
1120 <sup>CCW</sup>	V	38,00	53,00	53,30	7,00	32			1.654	2.362	2.371	0.276	
		1.496	2.087	2.098	0.276		1955	S	52,00	65,00	65,30	9,00	35
1126	S	1.535	1.988	1.998	0.335	25			2.047	2.559	2.571	0.354	
1129	S	30,00	40,00	40,25	7,00	35	1956	S	48,00	62,00	62,10	9,00	#
		1.181	1.575	1.585	0.276				1.890	2.441	2.445	0.354	
1146 <sup>CCW</sup>	N	40,00	76,00	76,28	12,50	32	1959	S	1.874	2.781	2.789	0.354	32
		1.575	2.992	3.003	0.492		1960 <sup>RC</sup>	S	50,00	70,00	70,23	9,00	47
1147 <sup>CW</sup>	N	35,00	76,00	76,28	9,00	40			1.969	2.756	2.765	0.354	
		1.378	2.992	3.003	0.354		1962 <sup>RC</sup>	S	40,00	52,00	52,12	7,50	78
1167	N	32,00	52,00	52,25	11,00	32			1.575	2.047	2.052	0.295	
		1.260	2.047	2.057	0.433		1965	V	36,00	60,00	60,20	8,00	48
1172 <sup>CW</sup>	H	35,00	47,00	47,40	7,00	32			1.417	2.362	2.370	0.315	
		1.378	1.850	1.866	0.276		1973	S	48,00	65,00	65,30	8,00	25
1173 <sup>CW</sup>	N	35,00	67,00	67,27	12,00	40			1.890	2.559	2.571	0.315	
		1.378	2.638	2.648	0.472		1974	S	50,00	67,00	67,27	11,00	97
1174	S	38,00	52,00	52,25	8,50	32			1.969	2.638	2.648	0.433	
		1.496	2.047	2.057	0.335		1975	S	52,00	63,00	63,23	8,00	32
1176	N	38,00	65,00	65,27	12,00	#			2.047	2.480	2.489	0.315	
		1.496	2.559	2.570	0.472		1979 <sup>CW</sup>	N	45,00	75,00	75,10	12,00	47
1177	N	38,00	74,00	74,27	11,00	32			1.772	2.953	2.957	0.472	
		1.496	2.913	2.924	0.433		1981	S	30,00	45,00	45,23	8,00	35
1180	S	41,00	55,00	55,29	7,00	32			1.181	1.772	1.781	0.315	
		1.614	2.165	2.177	0.276		1984	S	57,00	67,00	67,11	6,00	25
1183	S	43,00	55,00	55,25	8,00	34			2.244	2.638	2.642	0.236	
		1.693	2.165	2.175	0.315		1986	S	72,00	88,00	88,25	8,00	48
1188	S	48,00	62,00	62,25	6,00	34			2.835	3.465	3.474	0.315	
		1.890	2.441	2.451	0.236		1987	N	35,00	49,00	49,20	6,00	33
1196	S	38,00	52,00	52,25	6,00	47			1.378	1.929	1.937	0.236	
		1.496	2.047	2.057	0.236		1990 <sup>RC,CW</sup>	N	27,00	43,00	43,25	9,00	32
1208	S	48,00	72,00	72,31	7,00	32			1.063	1.693	1.703	0.354	
		1.890	2.835	2.847	0.276		1992 <sup>RC</sup>	S	45,00	65,00	65,10	5,00	47
1209	S	50,00	65,00	65,33	8,50	35			1.772	2.559	2.563	0.197	
		1.969	2.559	2.572	0.335		1993	S	56,00	73,00	73,28	12,50	47
1213N <sup>RC</sup>	N	40,00	54,00	54,10	5,50	47			2.205	2.874	2.885	0.492	
		1.575	2.126	2.130	0.217		1994	S	48,00	70,00	70,28	10,00	32
1217	N	40,00	52,00	52,28	9,00	35			1.890	2.756	2.767	0.394	
		1.575	2.047	2.058	0.354		1999 <sup>RC</sup>	S	1.625	2.251	2.255	0.375	48
1928	S	57,00	81,00	81,10	8,00	47	<b>2000 SERIES</b>						
		2.244	3.189	3.193	0.315		2002	S	54,00	65,00	65,28	12,50	47
1932	S	56,00	68,00	68,28	5,00	49			2.126	2.559	2.570	0.492	
		2.205	2.677	2.682	0.197		2003N <sup>RC</sup>	S	36,00	55,00	55,09	11,10	47
1935	S	63,00	90,00	90,10	7,00	47			1.417	2.165	2.169	0.437	
		2.480	3.543	3.554	0.276		• 2006BG	S	0.390	0.999	1.005	0.125	#

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>2000 SERIES (cont.)</b>						
2007N <sup>CW</sup>	S	35,00	56,00	56,30	9,00	40
		1.378	2.205	2.217	0.354	
2012V <sup>CW</sup>	V	1.673	2.146	2.157	0.236	32
2025	V	42,00	60,00	60,42	7,00	32
		1.654	2.362	2.379	0.276	
2027	S	15,00	24,00	24,20	5,00	35
		0.591	0.945	0.953	0.197	
2043 <sup>RC</sup>	S	1.940	2.762	2.766	0.500	47
2055 <sup>RC</sup>	S	3.468	4.626	4.631	0.625	47
2064 <sup>22</sup>	S	4.166	5.625	6.800	0.210	#
2081 <sup>RC,BI</sup>	S	2.843	3.939	3.944	0.495	41
2146	S	1.687	2.560	2.579	0.375	#
2194 <sup>RC,CCW</sup>	N	1.500	2.372	2.376	0.350	88
2218 <sup>RC,CCW</sup>	H	3.750	4.751	4.756	0.500	47
2222 <sup>RC</sup>	S	2.750	3.773	3.781	0.435	286
2260	V	3.125	3.936	3.943	0.512	45
2286 <sup>RC</sup>	S	2.201	3.519	3.523	0.590	74
2287	S	0.750	1.250	1.254	0.280	274
2291 <sup>RC</sup>	H	3.125	4.125	4.130	0.500	41
2297V <sup>CCW</sup>	V	6.000	6.750	6.757	0.500	25
2300	S	1.308	2.621	2.625	0.875	#
2377 <sup>RC</sup>	V	3.750	4.501	4.506	0.362	35
2443 <sup>CCW</sup>	N	1.375	1.952	1.957	0.500	25
2457 <sup>RC,CCW</sup>	N	2.125	2.880	2.885	0.550	74
2465 <sup>RC</sup>	S	1.680	2.500	2.506	0.421	79
2503N <sup>RC,CW</sup>	N	1.100	1.572	1.578	0.308	48
2505 <sup>RC</sup>	S	4.625	6.186	6.192	1.250	89
2506 <sup>RC</sup>	S	1.558	2.372	2.376	0.350	79
2628 <sup>RC</sup>	H	6.204	7.328	7.336	0.562	64
2655 <sup>RC,CCW</sup>	N	1.375	2.244	2.254	0.405	79
2658V <sup>RC,CW</sup>	V	1.609	2.435	2.441	0.300	75
2674 <sup>RC</sup>	S	2.875	4.175	4.180	0.812	89
2689S	S	1.875	2.877	2.865	0.490	25
2692 <sup>RC,CW</sup>	N	1.875	2.561	2.565	0.528	76
2791 <sup>RC</sup>	S	9.000	10.376	10.384	0.625	33
2822V <sup>RC</sup>	V	2.062	3.000	3.005	0.375	96
2942 <sup>RC,CW</sup>	N	1.875	2.560	2.565	0.406	47
2955 <sup>RC,CW</sup>	N	1.709	2.205	2.213	0.292	71
<b>3000 SERIES</b>						
3016	S	5.875	8.001	8.007	0.750	45
3051N <sup>CW</sup>	H	42,00	55,00	55,12	8,00	33
		1.654	2.165	2.170	0.315	
3083 <sup>CW</sup>	H	1.650	2.282	2.336	0.768	48
3087	S	2.048	2.728	2.732	0.590	#
3095 <sup>RC,CW</sup>	S	2.240	3.190	3.194	0.450	69
3100 <sup>RC</sup>	S	4.750	6.186	6.192	1.250	89
3103 <sup>RC,CW</sup>	S	2.180	3.190	3.194	0.620	69
3116N <sup>RC,CCW</sup>	N	1.375	2.374	2.378	0.500	71
3136N <sup>RC,BI</sup>	N	2.500	4.938	4.943	0.500	47
3143N <sup>RC</sup>	N	3.000	5.500	5.506	0.531	74
3173 <sup>RC</sup>	N	1.937	2.686	2.690	0.304	48
3186 <sup>10</sup>	S	1.875	3.150	3.146	0.930	59
3195 <sup>10</sup>	S	1.875	3.150	3.146	0.930	59
3199 <sup>RC</sup>	S	1.250	1.955	1.960	0.435	48
3210 <sup>RC</sup>	S	2.437	3.624	3.628	0.375	49
3214 <sup>RC</sup>	S	1.365	1.955	1.960	0.435	48

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>3000 SERIES (cont.)</b>						
3292 <sup>RC</sup>	S	5.375	6.875	6.882	1.000	89
3341 <sup>RC,CCW</sup>	H	4.812	5.544	5.552	0.535	100
3357 <sup>RC</sup>	S	1.496	2.049	2.053	0.250	283
3385 <sup>RC,BI</sup>	S	3.180	4.180	4.185	0.750	74
3393 <sup>CCW</sup>	V	2.375	3.000	3.013	0.400	32
<b>3395<sup>RC</sup></b>	<b>S</b>	<b>1.437</b>	<b>2.061</b>	<b>2.066</b>	<b>0.312</b>	<b>47</b>
3404 <sup>CW</sup>	H	1.996	2.743	2.751	0.325	75
3404V <sup>RC,CW</sup>	V	1.996	2.743	2.751	0.325	75
3459 <sup>RC,BI</sup>	N	40,00	58,00	58,14	9,00	74
		1.575	2.283	2.289	0.354	
3476 <sup>RC,CW</sup>	N	32,00	47,00	47,24	10,00	32
		1.260	1.850	1.860	0.394	
3492V <sup>RC</sup>	V	5.000	5.751	5.756	0.500	48
3543 <sup>RC,BI</sup>	H	1.378	2.162	2.167	0.425	57
3553 <sup>RC</sup>	S	2.201	2.735	2.741	0.197	284
3591 <sup>RC</sup>	N	2.750	5.501	5.506	1.266	90
3592 <sup>RC</sup>	N	3.000	5.501	5.506	1.266	90
3604 <sup>RC,CW</sup>	V	1.812	2.777	2.783	0.455	86
3618 <sup>RC,CW</sup>	S	1.812	2.623	2.627	0.615	86
3622 <sup>RC,BI</sup>	N	42,00	64,00	64,14	10,00	74
		1.654	2.520	2.524	0.394	
3638 <sup>RC,CW</sup>	N	1.125	1.624	1.628	0.190	48
3655 <sup>CW</sup>	N	35,00	52,00	52,35	7,75	32
		1.378	2.047	2.061	0.305	
3667	S	0.690	0.997	1.003	0.295	271
3677 <sup>RC</sup>	S	1.500	1.989	1.993	0.285	287
3698 <sup>CCW</sup>	V	2.988	3.740	3.748	0.374	32
3732S <sup>CW</sup>	S	1.062	1.575	1.581	0.250	48
3747 <sup>RC,BI</sup>	S	1.703	3.084	3.090	0.500	69
3771 <sup>CW</sup>	H	35,00	50,00	50,34	7,00	35
		1.378	1.969	1.982	0.276	
3772 <sup>CCW</sup>	H	88,00	108,00	108,36	11,00	35
		3.465	4.252	4.266	0.433	
3774 <sup>CW</sup>	H	42,00	56,00	56,34	7,00	35
		1.654	2.205	2.218	0.276	
3783 <sup>RC</sup>	H	2.875	3.623	3.628	0.500	65
3794	S	2.010	2.650	2.655	0.363	49
3813 <sup>RC</sup>	H	2.625	3.695	3.700	0.500	64
3893V	V	3.750	4.750	4.756	0.500	45
3894V	V	2.500	3.499	3.505	0.500	48
3896 <sup>RC,CW</sup>	S	1.940	2.909	2.914	0.520	76
3905 <sup>RC</sup>	N	3.000	4.938	4.943	0.303	76
3907 <sup>RC,BI</sup>	N	30,00	58,00	58,09	9,50	57
		1.181	2.283	2.287	0.374	
3909 <sup>CCW</sup>	V	3.625	4.240	4.256	0.390	35
3942 <sup>RC,7</sup>	S	2.500	3.226	3.231	0.190	284
3945 <sup>RC,BI</sup>	N	2.330	3.000	3.005	0.400	48
3946 <sup>RC,BI</sup>	S	1.875	2.750	2.754	0.485	86
<b>4000 SERIES</b>						
4019N <sup>BI</sup>	N	2.432	3.070	3.075	0.227	47
4040N <sup>CCW</sup>	N	35,00	53,26	53,67	7,75	32
		1.378	2.097	2.113	0.305	
4072N <sup>RC,CW</sup>	N	1.787	3.229	3.238	0.335	83
4099 <sup>RC</sup>	S	1.673	2.162	2.166	0.285	287
4131 <sup>RC,7</sup>	S	2.312	3.000	3.004	0.375	287
4141	N	1.575	2.677	2.685	0.472	#

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>4000 SERIES (cont.)</b>							<b>4000 SERIES (cont.)</b>						
4148	S	2.000	2.623	2.627	0.280	286	4857 <sup>BI</sup>	V	1.400	2.282	2.288	0.547	86
4160	S	2.420	3.000	3.005	0.270	281	4874N <sup>CCW</sup>	N	2.748	3.543	3.555	0.591	#
4162 <sup>B</sup>	S	2.062	2.937	3.034	0.340	200E	4876N <sup>CW</sup>	N	2.748	5.500	5.512	0.850	#
4175	S	40,00	52,00	52,22	9,00	#	4889 <sup>RC,BI</sup>	V	1.562	2.833	2.840	0.493	#
		1.575	2.047	2.056	0.354		4890 <sup>RC,BI</sup>	V	1.562	2.873	2.880	0.493	47
4189H <sup>RC</sup>	V	1.996	3.111	3.120	0.344	75	4898	S	52,00	66,00	66,12	7,50	66
4244 <sup>BI</sup>	S	1.552	2.400	2.402	0.415	72			2.047	2.598	2.603	0.295	
4249 <sup>RC</sup>	S	1.809	2.361	2.365	0.370	287	4899	S	56,00	75,00	75,13	6,50	66
4250 <sup>RC,BI</sup>	S	2.500	3.303	3.307	0.465	74			2.205	2.953	2.958	0.256	
4278 <sup>RC</sup>	V	1.812	3.091	3.096	0.485	86	4901 <sup>BI</sup>	N	35,00	62,00	62,28	8,00	40
• 4291	S	4.375	5.375	5.383	0.500	#			1.378	2.441	2.452	0.315	
• 4291SC	S	4.375	5.425	5.383	0.500	#	4904	S	49,00	62,00	62,15	8,00	66
4291V <sup>B</sup>	V	4.375	5.375	5.425	0.500	#			1.929	2.441	2.447	0.315	
4307V <sup>CCW</sup>	V	76,00	92,00	92,28	9,50	32	4918 <sup>RC,CW</sup>	N	1.787	3.228	3.238	0.335	83
		2.992	3.622	3.633	0.374		4934 <sup>RC,CCW</sup>	N	1.503	2.374	2.379	0.374	79
4333N <sup>RC,CCW</sup>	N	1.886	2.699	2.704	0.350	79	4941V <sup>RC</sup>	V	1.552	3.160	3.165	0.608	74
4353 <sup>RC</sup>	V	7.375	9.615	9.622	0.979	#	4950 <sup>RC,CW</sup>	N	1.748	2.619	2.627	0.330	88
4354V <sup>RC</sup>	V	6.625	9.615	9.622	0.979	#	4981V <sup>RC,CCW</sup>	V	1.685	2.500	2.506	0.421	79
4370N <sup>RC,CCW</sup>	N	1.503	2.376	2.383	0.420	88	4989	S	37,00	62,00	62,26	14,00	#
4434V	V	1.552	3.160	3.166	0.567	72			1.457	2.441	2.451	0.551	
4458V <sup>RC</sup>	V	0.984	1.499	1.504	0.250	#	4990 <sup>RC</sup>	S	52,00	68,00	68,28	7,00	281
• 4458VGR	V	0.984	1.499	1.504	0.250	#			2.047	2.677	2.688	0.276	
4503N <sup>BI</sup>	N	1.886	2.750	2.765	0.469	#	<b>4100 SERIES</b>						
4525V	V	2.500	4.035	4.040	0.419	72	• 4144VGR	V	5.000	6.997	7.003	1.093	41
4528N <sup>RC,CCW</sup>	N	48,00	65,00	65,15	24,50	66	<b>5000 SERIES</b>						
		1.890	2.559	2.565	0.965		5070	F	1.803	2.965	2.969	0.250	29
4529N <sup>RC,CW</sup>	N	1.375	2.047	2.052	0.330	68	5109	S	2.496	3.245	3.248	0.485	#
4530 <sup>RC,CCW</sup>	N	1.502	2.126	2.132	0.492	96	5111S	S	2.630	3.240	3.245	0.215	#
4532N <sup>RC,CCW</sup>	N	1.375	3.542	3.549	0.397	93	5113	S	2.000	2.745	2.749	0.230	203
4539V <sup>RC,CW</sup>	V	2.367	3.366	3.374	0.257	75	5115 <sup>RC,CW</sup>	S	1.500	2.249	2.254	0.250	47
4561V <sup>CCW</sup>	V	2.503	3.428	3.439	0.709	#	5121	S	1.940	2.622	2.626	0.255	281
4563V <sup>CW</sup>	V	2.938	3.937	3.947	0.552	#	5123 <sup>RC</sup>	S	2.562	3.090	3.095	0.375	280
4564V <sup>CW</sup>	V	2.748	3.876	3.886	0.552	#	5126	S	1.875	2.813	2.817	0.500	74
4577 <sup>RC,CW</sup>	N	1.874	2.676	2.682	0.410	74	5128N	N	3.375	3.948	3.955	0.375	32
4583 <sup>RC,CCW</sup>	N	1.502	2.377	2.381	0.374	86	5131 <sup>RC,BI</sup>	S	1.317	2.280	2.286	0.350	#
4598 <sup>CW</sup>	N	2.000	2.878	2.882	0.340	83	5133	V	1.812	2.562	2.566	0.312	48
4613N <sup>RC,BI</sup>	N	1.377	2.874	2.881	0.693	57	5727	F	1.625	2.722	2.727	0.406	205
4614N <sup>RC,BI</sup>	N	1.377	2.162	2.167	0.354	87	5751	L	3.125	4.562	4.567	1.198	34
4615V <sup>RC,CW</sup>	V	42,00	67,00	67,13	7,16	83	5756	F	2.062	3.151	3.156	0.240	29
		1.654	2.638	2.643	0.282		5778 <sup>RC</sup>	N	1.552	3.160	3.165	0.645	72
4624V <sup>RC</sup>	V	2.503	3.628	3.633	0.500	86	5778V	V	1.552	3.160	3.165	0.645	72
4635V <sup>RC,CW</sup>	V	2.141	3.484	3.493	0.329	#	5796	L	1.562	2.686	2.690	0.375	201
4638N <sup>RC</sup>	N	1.375	1.982	1.989	0.192	47	5827	L	1.750	2.750	2.754	0.484	201
4674N <sup>RC,BI</sup>	N	1.605	2.795	2.804	0.364	#	5836	L	1.734	2.726	2.730	0.500	201
4701N <sup>RC</sup>	N	0.408	1.004	1.008	0.208	49	5857	F	1.000	1.499	1.503	0.312	29
4738N <sup>RC,BI</sup>	N	1.190	1.969	1.975	0.261	48	5865	L	2.000	2.750	2.754	0.187	4L
4739 <sup>RC</sup>	S	2.000	2.561	2.565	0.250	282	5872S	S	1.375	2.000	2.004	0.320	45
4740 <sup>RC</sup>	S	2.180	2.999	3.004	0.250	282	5877	L	2.062	2.842	2.846	0.450	5L
4741 <sup>RC,CCW</sup>	V	2.200	3.022	3.028	0.422	79	5924	L	2.312	3.313	3.318	0.375	4L
4748N <sup>RC,BI</sup>	N	1.190	1.889	1.896	0.860	#	5965 <sup>B</sup>	L	3.500	4.437	4.437	0.437	8L
4762N <sup>RC,BI</sup>	N	1.618	2.841	2.849	0.500	74	5976S	S	0.875	1.245	1.256	0.187	34
4763S	S	1.625	2.562	2.566	0.437	#	<b>5500 SERIES</b>						
4764 <sup>RC,CCW</sup>	N	1.598	2.476	2.483	0.420	86	5524 <sup>RC</sup>	S	2.000	3.251	3.256	0.625	41
4765 <sup>RC,CCW</sup>	V	1.598	2.476	2.483	0.350	79	5525 <sup>RC</sup>	S	1.562	66.642	2.627	0.625	41
4795V <sup>RC,BI</sup>	V	1.399	2.482	2.750	0.310	74							
4813V <sup>RC,CW</sup>	V	1.178	2.447	2.452	0.500	86							

**NUMERIC SECTION**

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order



Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>6000 SERIES (cont.)</b>						
6064	F	1.875	2.965	2.969	0.250	29
6090S	S	2.000	2.630	2.750	0.562	273
6163S	S	2.000	2.875	2.879	0.703	21
6186	L	2.187	3.189	3.194	0.718	1L
6200	L	1.375	2.250	2.252	1.062	9L
<b>6241S</b>	<b>S</b>	<b>1.375</b>	<b>2.437</b>	<b>2.441</b>	<b>0.250</b>	<b>48</b>
6270 <sup>RC</sup>	S	3.937	5.371	5.377	0.906	21
6283S	S	1.610	2.500	2.531	0.300	26
6312 <sup>B</sup>	L	1.500	2.187	2.187	0.500	8L
6324S	S	0.968	1.500	1.507	0.187	34
6329S	S	4.687	5.751	5.756	0.750	7S
6336S <sup>B</sup>	S	1.562	2.684	2.701	0.250	26
6357S	S	0.796	1.499	1.503	0.625	92
6358 <sup>RC,BI</sup>	S	3.187	4.625	4.630	0.442	47
6370N	N	1.301	1.828	1.832	0.375	33
6380	F	2.125	3.436	3.440	0.625	29
• 6402S	S	1.812	2.250	2.258	0.312	35
6460S	S	1.875	2.758	2.762	0.500	41
6481S <sup>RC</sup>	S	3.125	7.000	8.250	1.003	51
6545 <sup>RC</sup>	F	1.500	2.062	2.066	0.250	21
6565N <sup>RC</sup>	N	4.125	4.999	5.004	0.468	41
6575S	S	2.474	3.543	3.548	0.285	200
6584S	S	3.250	4.500	4.507	0.718	74
6590S	S	2.093	2.717	2.721	0.406	204
6597S	S	1.375	1.829	1.837	0.187	34
6612S	S	3.500	5.250	5.258	0.375	#
6626S	S	2.125	2.875	2.879	0.312	4S
6635S <sup>RC</sup>	S	4.375	6.064	6.071	0.625	45
6636S	S	2.187	3.187	3.194	0.687	35
6638S <sup>RC</sup>	S	3.500	4.841	4.848	0.875	#
6649	S	3.125	8.250	8.257	0.571	52
6663S	S	4.750	6.618	6.625	1.141	89
6668S	S	1.375	1.875	1.878	0.187	33
6703S	S	1.750	2.250	2.258	0.187	35
6712NA <sup>RC,CW</sup>	N	1.875	2.758	2.762	0.425	75
6759S	S	1.500	1.997	2.001	0.531	1S
6760S	S	1.375	2.062	2.072	0.250	35
6781	L	1.796	2.725	2.730	0.500	201
6808N <sup>RC</sup>	N	1.875	3.160	3.165	0.562	45
6815 <sup>RC</sup>	S	1.940	2.500	2.505	0.250	286
6818	S	1.739	3.000	3.008	0.500	71
6832S	S	1.125	1.935	1.942	0.625	204
6835S	S	0.750	1.250	1.254	0.312	33
6840S	S	1.730	2.336	2.340	0.250	4S
6847S	S	1.000	1.250	1.254	0.536	#
6859S	S	1.247	1.687	1.691	0.312	33
6863S	S	0.437	0.999	1.007	0.250	35
6864S <sup>RC</sup>	S	4.050	5.501	5.506	0.671	45
6872S	S	5.500	6.312	6.316	1.250	47
6879H	H	2.125	2.875	2.879	0.375	33
6906S	S	1.250	1.969	1.972	0.468	204
6930	L	1.812	4.123	4.128	0.746	21
6936S	S	1.763	2.412	2.416	0.375	45
6954S	S	2.062	3.000	3.005	0.310	44
• 6957RA	N	2.130	2.762	2.766	0.250	48
6960	L	1.830	2.570	2.574	0.250	4L

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>6000 SERIES (cont.)</b>						
6985	F	1.875	2.628	2.633	0.347	29
6988H	H	1.937	2.686	2.690	0.500	33
<b>7000 SERIES</b>						
7013S	S	0.750	1.311	1.315	0.312	25
7014S	S	0.875	1.254	1.260	0.205	4S
7022S	S	1.687	2.328	2.332	0.531	276
7038SA <sup>RC,CCW</sup>	S	1.687	2.502	2.506	0.582	41
7044NA <sup>CW</sup>	S	1.812	3.000	3.005	0.455	86
7105S	S	1.875	3.375	4.812	0.312	51
7186S	S	1.812	2.718	2.722	0.270	200
7188S	S	0.625	0.999	1.003	0.250	33
7208S <sup>B</sup>	S	3.250	4.500	4.600	0.315	200E
7214	S	0.750	1.031	1.035	0.313	49
7216	L	1.875	3.105	3.110	0.500	47
7300S <sup>RC,CCW</sup>	N	1.685	2.500	2.506	0.421	79
7354N <sup>B</sup>	N	4.375	5.373	5.500	0.570	8S
7354V <sup>B</sup>	V	4.375	5.373	5.500	0.570	8S
7381S	S	1.687	2.684	2.690	0.250	24
7399S	S	0.625	0.937	0.945	0.187	24
7412S <sup>RC,CW</sup>	S	1.250	1.750	1.754	0.250	48
7457N <sup>RC</sup>	N	1.656	2.623	2.627	0.455	1S
7486S	S	1.750	2.374	2.381	0.437	35
7495S	S	1.375	2.250	2.254	0.713	61
7512SSO	S	2.500	4.500	6.125	0.400	51
7537S	S	1.500	2.062	2.066	0.240	24
7568 <sup>RC</sup>	H	2.222	3.543	3.548	0.760	12
7581H <sup>7</sup>	H	2.500	3.500	3.505	0.500	48
7600S <sup>RC</sup>	S	1.825	2.750	2.754	0.468	47
7607	F	1.730	2.336	2.340	0.280	75
7687S	S	1.378	2.500	2.513	0.435	35
7692S <sup>RC,CCW</sup>	N	1.500	2.372	2.376	0.420	79
7700S <sup>RC</sup>	S	4.625	6.622	6.629	1.093	21
7750	S	0.750	1.124	1.128	0.188	48
7751H	H	1.968	2.686	2.690	0.370	33
7780N	L	2.667	3.751	3.756	0.500	4L
7781S	S	1.250	1.983	1.987	0.250	203
7790H <sup>RC</sup>	H	2.125	3.193	3.198	0.812	47
7834	L	1.750	2.502	2.506	0.680	5S
7840S	S	0.875	1.249	1.254	0.187	31
7866S	S	4.875	6.375	6.625	0.500	75
7886S	S	1.500	2.437	2.441	0.250	48
7929S	S	0.742	1.063	1.067	0.187	33
7934S	S	1.875	2.400	2.405	0.240	204
7937N	N	2.250	3.061	3.066	0.500	41
7994S	S	1.562	2.062	2.066	0.200	44
<b>8000 SERIES</b>						
8059S	S	0.968	1.686	1.690	0.312	25
8121S	N	1.730	2.336	2.340	0.470	25
8126S <sup>RC</sup>	S	5.000	6.622	6.629	0.906	89
8133S <sup>RC</sup>	S	1.362	2.191	2.195	0.250	48
8139	F	2.000	2.961	2.971	0.250	#
8160S	S	1.562	2.441	2.457	0.500	32
8165 <sup>RC</sup>	H	1.875	3.000	3.005	0.625	#
8181NA <sup>CW</sup>	S	1.812	2.623	2.627	0.455	74
8243	F	2.125	3.146	3.153	0.500	#

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>8000 SERIES (cont.)</b>							<b>9000 SERIES (cont.)</b>						
8293S	S	1.238	2.250	2.254	0.500	48	9555S <sup>RC</sup>	S	9.500	12.499	12.509	0.687	74
8312 <sup>RC</sup>	S	2.136	2.904	2.910	0.326	272	9568 <sup>RC</sup>	S	1.365	2.374	2.379	0.435	48
8316 <sup>CW</sup>	N	51,00	70,00	70,28	11,00	32	9569S <sup>RC</sup>	S	1.365	2.259	2.264	0.435	99
		2.008	2.756	2.767	0.433		9584 <sup>RC</sup>	S	3.562	4.755	4.761	0.550	74
8362	S	1.875	2.315	2.321	0.203	33	9599S <sup>RC,CW</sup>	S	2.125	2.878	2.884	0.437	47
8370S	S	3.797	4.501	4.506	0.250	4S	9600S <sup>RC</sup>	S	3.125	5.985	6.000	0.955	#
8421S	S	1.562	2.062	2.066	0.250	33	9613S <sup>RC,CCW</sup>	S	1.500	2.377	2.381	0.470	71
8429S	S	1.247	2.625	2.633	0.480	#	9773 <sup>RC</sup>	N	2.625	4.564	4.568	0.718	74
8430S	S	2.125	3.000	3.005	0.312	49	9845 <sup>RC,CW</sup>	V	1.763	2.409	2.416	0.375	47
8460N <sup>RC,7</sup>	N	1.739	2.812	3.270	0.593	74	9845V <sup>RC,CW</sup>	V	1.763	2.409	2.416	0.375	47
8477S	S	1.618	2.531	2.535	0.750	48	9864S <sup>RC</sup>	S	2.875	3.875	3.880	0.515	57
8515N	N	1.875	2.812	2.816	0.770	74	9912 <sup>10</sup>	S	1.875	2.877	2.865	0.470	25
8516N	N	1.687	2.623	2.627	0.437	47	9943 <sup>B</sup>	S	2.562	3.727	3.777	0.490	#
8521S <sup>B</sup>	S	1.872	2.684	2.701	0.544	200E	<b>30000 SERIES</b>						
8549S	S	1.360	4.560	2.328	0.323	#	35949N <sup>RC</sup>	N	2.937	3.937	3.942	0.500	41
8594S	S	1.350	2.571	2.575	0.706	62	37921 <sup>CCW</sup>	T	4.125	4.999	5.005	1.037	PDW
8597S	S	1.491	2.191	2.195	0.250	48	37939 <sup>CCW</sup>	T	4.000	4.999	5.005	0.500	PDW
8609	V	0.812	1.250	1.254	0.254	47	38832 <sup>CW</sup>	T	0.875	1.375	1.379	0.312	94
8610 <sup>RC,CW</sup>	S	1.521	2.656	2.660	0.424	74	<b>39000 SERIES</b>						
8622 <sup>RC</sup>	S	1.940	2.813	2.817	0.428	88	39140 <sup>CCW</sup>	T	1.375	2.125	2.129	0.375	94
8635S	S	5.500	7.624	7.631	1.250	21	39302 <sup>RC,CW</sup>	T	2.125	3.189	3.194	0.437	W-H
8650S	S	2.125	2.996	3.001	0.687	1L	39608 <sup>CCW</sup>	T	3.750	4.750	4.756	0.500	DW-H
8660S <sup>RC,BI</sup>	S	1.399	2.292	2.296	0.460	48	39701 <sup>CCW</sup>	T	7.250	8.125	8.133	0.500	FW-H
8676S	S	1.375	4.567	4.582	0.259	54	39703 <sup>CW</sup>	T	3.625	4.751	4.756	0.500	FW-H
8695S <sup>RC,BI</sup>	S	1.550	2.686	2.690	0.500	47	39705 <sup>CW</sup>	T	3.750	4.750	4.756	0.500	FW-H
8704S	S	1.893	2.434	2.438	0.250	33	39711 <sup>CW</sup>	T	1.562	2.125	2.129	0.375	FW-H
8705S	S	1.734	2.400	2.405	0.230	277	39713 <sup>RC,BI</sup>	T	1.250	1.812	1.817	0.235	DW-H
8724S <sup>RC</sup>	S	7.995	11.625	11.633	1.078	41	39715 <sup>CCW</sup>	T	6.000	7.475	7.481	0.590	#
8773S <sup>CW</sup>	S	0.687	1.250	1.254	0.250	25	39719 <sup>RC,CCW</sup>	T	2.125	3.189	3.194	0.437	W-H
8792S	S	0.500	0.751	0.756	0.192	31	39723 <sup>CW</sup>	T	4.000	5.000	5.005	0.500	FW-H
8835S <sup>RC,BI</sup>	S	1.618	2.575	2.579	0.460	33	39801 <sup>CCW</sup>	T	5.000	6.000	6.006	0.413	FW-H
8871 <sup>RC</sup>	S	2.000	2.562	2.566	0.220	286	39802 <sup>CW</sup>	T	2.875	3.623	3.628	0.500	FW-H
8907	S	5.937	6.801	6.806	1.125	#	39803 <sup>CW</sup>	T	2.500	3.130	3.135	0.315	FW-H
8935S	S	1.558	2.250	2.254	0.437	79	39804 <sup>CW</sup>	T	75,00	93,00	93,12	8,00	FW-H
8940S	S	1.523	2.714	2.718	0.500	48			2.953	3.661	3.666	0.315	
8971H <sup>RC</sup>	H	5.125	6.125	6.131	0.750	7S	39805 <sup>CCW</sup>	T	130,00	150,00	150,44	14,80	FW-H
8974S	S	2.180	3.000	3.005	0.495	49			5.118	5.906	5.923	0.583	
8975S <sup>RC</sup>	S	2.512	3.506	3.510	0.290	49	39807 <sup>CCW</sup>	T	6.000	6.750	6.756	0.437	W-H
8976S	S	3.125	4.173	4.179	0.290	49	39809 <sup>CW</sup>	T	3.125	4.125	4.130	0.437	W-H
8998 <sup>B</sup>	S	1.996	2.000	2.878	0.250	44	39813 <sup>CW</sup>	T	3.625	4.751	4.756	0.500	W-H
							39821	T	2.272	2.654	2.661	0.250	W
<b>9000 SERIES</b>							39823 <sup>CW</sup>	T	6.000	6.750	6.757	0.625	DW-H
9015S	S	2.000	2.561	2.565	0.549	44	39835 <sup>RC,CW</sup>	T	1.812	2.563	2.567	0.375	W
9049N	S	1.880	2.562	2.566	0.250	25	39837 <sup>CCW</sup>	T	3.750	4.750	4.756	0.500	W-H
9128S <sup>RC,BI</sup>	S	4.166	5.501	5.506	0.600	45	39849 <sup>CW</sup>	T	4.375	5.502	5.506	0.500	FW-H
9150S	S	1.937	2.578	2.830	0.292	25	39851 <sup>RC,CCW</sup>	T	2.125	2.875	2.879	0.437	FW-H
9161 <sup>RC</sup>	S	1.326	2.312	2.316	0.435	48	39853 <sup>RC,CW</sup>	T	2.125	2.875	2.879	0.437	FW-H
9178S	S	1.687	2.605	2.609	0.235	4S	39861 <sup>CCW</sup>	T	6.496	9.600	9.606	0.540	#
9316 <sup>RC</sup>	N	1.875	3.160	3.165	0.695	72	39865 <sup>CW</sup>	T	3.543	6.215	6.220	0.562	#
9339S	S	3.500	4.450	4.455	0.525	278	39867 <sup>RC,CCW</sup>	T	25,00	41,00	41,09	8,00	W-H
9344S	S	1.375	4.572	4.582	0.259	54			0.984	1.614	1.618	0.315	
9363S <sup>RC</sup>	S	1.500	2.260	2.264	0.405	41	39869 <sup>CW</sup>	T	28,00	41,00	41,10	8,00	#
9376	S	1.055	1.500	1.504	0.268	68			1.102	1.614	1.618	0.315	
9406S	S	2.000	2.625	2.629	0.285	279	39875 <sup>CW</sup>	T	38,00	54,00	54,10	25,00	#
9449 <sup>RC,CCW</sup>	S	1.887	2.700	2.704	0.582	74			1.496	2.126	2.130	0.984	
9487	S	1.187	1.716	1.720	0.248	68							

NUMERIC SECTION

<sup>7</sup>Flanged O.D.; <sup>8</sup>External Bore; <sup>10</sup>Expanded O.D.; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>39000 SERIES (cont.)</b>							<b>40000 SERIES (cont.)</b>						
39877 <sup>RC,BI</sup>	T	1.929	2.563	2.567	0.315	W-H	40494S	S	1.750	2.502	2.506	0.250	4S
39880 <sup>CCW</sup>	T	5.000	5.999	6.006	0.413	94	40520S	S	2.250	3.000	3.005	0.250	4S
39881 <sup>CCW</sup>	T	4.993	6.000	6.006	0.413	FW-H	40522S	S	1.375	2.000	2.004	0.250	4S
39882 <sup>CW</sup>	T	3.620	4.625	4.630	0.400	FW-H	40555	L	2.500	3.000	3.005	0.250	4L
39883 <sup>CCW</sup>	T	6.238	8.655	8.661	1.100	90	40555S	S	2.500	3.000	3.005	0.250	4S
39885 <sup>CCW</sup>	T	6.198	7.329	7.336	0.354	FW-H	40566S	S	2.125	2.875	2.879	0.250	4S
39886 <sup>CCW</sup>	T	6.202	7.329	7.336	0.377	DW-H	40568S	S	1.625	2.625	2.629	0.250	4S
39887 <sup>CW</sup>	T	6.204	7.330	7.336	0.445	FW-H	40576S	S	1.187	1.996	2.000	0.250	4S
39888 <sup>CCW</sup>	T	6.198	7.329	7.336	0.445	FW-H	• 40627X	S	2.093	2.835	2.840	0.250	4S
39889 <sup>CCW</sup>	T	6.077	7.329	7.336	0.445	W-H	40652S	S	1.250	2.000	2.004	0.250	4S
39890 <sup>CW</sup>	T	6.077	7.329	7.336	0.445	W-H	40769S	S	1.312	2.282	2.286	0.250	4S
39893 <sup>CCW</sup>	T	9.052	10.709	10.720	0.625	FW-H	40973S	S	2.093	3.150	3.156	0.250	4S
39894 <sup>CW</sup>	T	9.052	10.709	10.720	0.625	FW-H	41013S	S	2.093	2.750	2.754	0.250	4S
39899 <sup>CCW</sup>	T	11.220	12.250	12.260	0.945	#	41026S	S	2.375	3.000	3.005	0.250	4S
39900 <sup>CW</sup>	T	11.220	12.250	12.260	0.945	#	41075S	S	2.250	3.443	3.447	0.250	4S
39910 <sup>BI</sup>	T	1.000	1.437	1.441	0.250	W	41163T <sup>CW</sup>	T	2.625	3.696	3.700	0.500	FW-H
39920 <sup>CW</sup>	T	1.562	2.062	2.067	0.188	FW-H	41257	L	1.500	1.989	1.993	0.250	4L
39925 <sup>CW</sup>	T	1.781	2.502	2.505	0.312	FW-H	41264S	S	0.625	1.250	1.254	0.250	4S
39926 <sup>CW</sup>	T	95,00	172,00	172,09	28,00	W-H	41461S	S	1.500	2.623	2.627	0.250	4S
		3.740	6.772	6.775	1.102		41509 <sup>CW</sup>	T	6.500	8.000	8.007	0.625	PDW
39930 <sup>CW</sup>	T	1.812	2.562	2.567	0.315	FW-H	41510 <sup>CCW</sup>	T	6.500	8.000	8.007	0.625	PDW
39952 <sup>CCW</sup>	T	4.646	5.751	5.756	0.500	FW-H	41526S	S	0.500	1.124	1.128	0.250	4S
39954 <sup>CCW</sup>	T	4.835	5.749	5.756	0.375	DW-H	41536 <sup>RC,CW</sup>	T	2.875	3.750	3.755	0.500	PDW
39956 <sup>CCW</sup>	T	5.997	7.125	7.131	0.500	DW-H	41537 <sup>RC,CCW</sup>	T	2.875	3.750	3.755	0.500	PDW
39958 <sup>CCW</sup>	T	5.000	6.125	6.131	0.500	FW-H	41787S	S	1.250	2.062	2.066	0.250	4S
<b>40000 SERIES</b>							42081S	S	1.250	2.250	2.254	0.250	4S
40027S	S	0.750	1.375	1.379	0.250	4S	42101S	S	2.129	2.891	2.895	0.250	4S
40059S	S	1.500	2.374	2.378	0.250	4S	42260S	S	1.500	1.938	1.942	0.250	4S
40063S	S	1.500	2.437	2.441	0.250	4S	42311S	S	1.000	1.437	1.441	0.250	4S
40071S	S	1.875	2.623	2.627	0.250	4S	42421S	S	1.875	2.750	2.754	0.250	4S
40101S	S	2.375	3.350	3.355	0.250	4S	42763	S	1.375	2.282	2.286	0.250	4S
40120	L	1.000	1.499	1.503	0.250	4L	43034S	S	2.250	2.875	2.879	0.250	4S
40140S	S	1.250	1.752	1.756	0.250	4S	43071S	S	1.750	2.437	2.441	0.250	4S
40154S	S	1.687	2.502	2.506	0.250	4S	43076S	S	1.187	2.047	2.051	0.250	4S
40157S	S	1.000	2.000	2.004	0.250	4S	43080S	S	0.500	0.875	0.879	0.187	#
40162S	S	1.187	2.000	2.004	0.250	4S	43086S	S	2.875	4.003	4.008	0.250	4S
40169S	S	1.375	2.250	2.254	0.250	4S	43089S	S	1.375	2.374	2.378	0.250	4S
40208	L	0.968	1.499	1.503	0.250	4L	43095S	S	0.500	0.749	0.753	0.093	4S
40230S	S	1.000	1.752	1.756	0.250	4S	43290S	S	2.500	3.125	3.130	0.250	4S
40286	L	1.625	2.750	2.754	0.250	4L	44052	S	2.255	3.312	3.317	0.380	4S
40301S <sup>RC</sup>	S	2.000	3.000	3.005	0.250	4S	44053	S	1.821	2.623	2.627	0.250	4S
40316S	S	2.250	3.251	3.256	0.250	4S	45013S	S	3.000	4.003	4.008	0.250	4S
40337S	S	2.500	3.148	3.154	0.250	4S	45031S	S	3.750	4.999	5.004	0.250	4S
40370S	S	1.968	2.960	2.964	0.250	4S	45187S	S	4.000	4.876	4.881	0.250	4S
40375 <sup>CCW</sup>	V	3.228	3.789	3.800	0.394	32	45525S	S	3.500	4.125	4.130	0.250	4S
40382	L	1.500	1.983	1.987	0.250	4L	45637S	S	4.687	6.002	6.007	0.250	4S
40389S	S	2.000	2.750	2.754	0.250	4S	45653S	S	1.937	3.500	3.505	0.250	4S
40392 <sup>RC,CCW</sup>	T	2.756	4.000	4.009	0.469	FW-H	45825S	S	3.125	3.751	3.756	0.250	4S
40395	L	1.375	1.874	1.878	0.250	4L	45827S	S	2.750	3.501	3.505	0.250	4S
40395S	S	1.375	1.874	1.879	0.250	4S	46997S	S	2.750	3.751	3.756	0.250	4S
40401	L	2.000	2.501	2.506	0.250	4L	47150S	S	4.250	5.250	5.256	0.250	4S
40410S	S	2.000	2.623	2.627	0.250	4S	48144 <sup>RC</sup>	S	0.500	0.999	1.003	0.250	48
40433S	S	2.250	3.125	3.130	0.250	4S	<b>50000 SERIES</b>						
40438S	S	1.562	2.374	2.378	0.250	4S	50081	L	1.718	2.875	2.879	0.468	5L
40468	L	1.484	2.254	2.258	0.250	4L	50126	L	1.406	2.125	2.129	0.437	5L

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>50000 SERIES (cont.)</b>							<b>200000 SERIES (cont.)</b>						
50151S	S	1.125	1.561	1.565	0.375	5S	200110	S	2.058	3.149	3.154	0.270	200
50197S	S	0.375	0.999	1.003	0.375	5S	200133 <sup>B</sup>	S	3.000	4.524	4.600	0.433	200E
50266	L	1.781	2.623	2.627	0.500	5L	200322	S	75,00	120,00	120,12	8,13	200
50289	L	1.750	2.783	2.787	0.531	5L			2.953	4.724	4.729	0.320	
50327	L	1.718	2.437	2.441	0.468	5L	200335	S	1.750	2.623	2.627	0.290	200
50395S <sup>RC</sup>	S	1.375	1.874	1.878	0.437	5S	200338	S	1.250	2.000	2.004	0.290	200
50405	L	0.718	1.124	1.128	0.375	5L	200339 <sup>RC</sup>	S	2.000	2.875	2.879	0.290	200
50445	L	0.312	1.250	1.254	0.375	5L	200354	S	1.750	2.718	2.722	0.359	200
50468	L	1.484	2.254	2.258	0.312	5L	200371	S	1.945	2.891	2.895	0.290	200
50528	L	1.968	2.996	3.001	0.500	5L	200392	S	2.625	3.813	3.818	0.415	200
50568 <sup>CW</sup>	T	1.625	2.625	2.629	0.500	5S	200600 <sup>B</sup>	S	1.750	2.786	2.876	0.285	200E
50569	T	1.625	2.625	2.629	0.500	5S	200640 <sup>B</sup>	S	1.562	2.531	2.621	0.285	200E
51098 <sup>RC</sup>	S	1.500	2.502	2.506	0.437	48	200641 <sup>B</sup>	S	1.625	2.462	2.467	0.250	200E
51322 <sup>RC</sup>	S	1.365	2.081	2.085	0.435	5S	200642 <sup>B</sup>	S	4.750	6.002	6.092	0.285	200
55028	L	3.562	4.999	5.004	0.468	5L	200752 <sup>B</sup>	S	1.873	2.717	2.806	0.281	200E
55030	L	3.687	4.999	5.004	0.468	5L	200763 <sup>B</sup>	S	2.250	3.249	3.250	0.285	200E
55078S <sup>RC</sup>	S	9.750	11.250	11.260	0.750	5S	200851 <sup>B</sup>	S	2.496	3.672	3.772	0.315	200E
55103S	S	16.250	18.000	18.010	0.750	45	200854 <sup>B</sup>	S	1.750	2.718	2.728	0.294	200E
55238	L	2.750	4.999	5.004	0.468	5L	200855 <sup>B</sup>	S	2.375	3.471	3.616	0.290	200E
55301S <sup>RC</sup>	S	9.000	10.000	10.010	0.750	45	200859 <sup>B</sup>	S	1.500	2.256	2.260	0.270	200E
55337	L	2.250	3.876	3.881	0.468	5L	200861 <sup>B</sup>	S	1.500	2.462	2.482	0.290	200E
55353	L	3.625	4.839	4.844	0.500	5L	200865 <sup>B</sup>	S	2.065	3.125	3.130	0.294	200E
55357	L	5.437	6.749	6.757	0.625	5L	200870 <sup>B</sup>	S	3.249	4.468	4.488	0.318	200E
55419	L	3.437	4.501	4.506	0.625	5L	• 200878 <sup>B</sup>	S	3.504	4.921	5.021	0.321	200E
55469	S	2.750	3.935	3.940	0.500	5L	200881 <sup>B</sup>	S	2.000	2.804	2.824	0.294	200E
55524	L	2.000	4.003	4.008	0.468	5L	200885 <sup>B</sup>	S	1.991	2.900	2.975	0.290	200E
55548	L	3.000	4.626	4.631	0.500	5L	200886 <sup>B</sup>	S	1.687	2.650	2.725	0.290	200E
55563 <sup>CW</sup>	T	3.250	4.003	4.008	0.468	5S	200887 <sup>B</sup>	S	1.562	2.237	2.257	0.290	200E
<b>100000 SERIES</b>							<b>203000 SERIES</b>						
100058 <sup>RC,CW</sup>	T	2.156	2.880	2.885	0.375	W	200895 <sup>B</sup>	S	1.751	2.533	2.608	0.290	200E
100085 <sup>CCW</sup>	T	3.858	4.525	4.540	0.492	FW-H	200912 <sup>B</sup>	S	1.750	2.630	2.930	0.290	200E
100086 <sup>RC,CCW</sup>	V	1.880	3.169	3.176	0.480	72	• 200940 <sup>B</sup>	S	2.250	3.000	3.060	0.290	200E
100165 <sup>RC</sup>	S	35,00	57,00	57,30	15,27	74	• 200947 <sup>B</sup>	S	4.000	5.510	5.560	0.320	200E
		1.378	2.244	2.246	0.601		239155 <sup>BI</sup>	S	45,00	64,00	64,27	12,00	47
100263 <sup>18</sup>	V	3.003	4.937	4.948	0.788	08			1.772	2.520	2.530	0.472	
100357 <sup>BI</sup>	V	1.705	3.034	3.039	0.562	86	<b>204000 SERIES</b>						
100470	T	2.129	2.835	2.846	0.323	32	204002	S	1.750	2.717	2.721	0.406	204
100494 <sup>18</sup>	V	3.253	4.249	4.260	0.635	08	204003	S	1.125	1.937	1.942	0.562	203
100495 <sup>18</sup>	V	3.003	3.751	3.761	0.420	08	204005	S	1.000	1.780	1.785	0.468	203
100537 <sup>RC</sup>	V	46,00	73,00	73,18	12,00	74	204006	S	1.812	2.561	2.566	0.500	203
		1.811	2.874	2.881	0.472		204008	S	1.687	2.327	2.332	0.500	203
100552 <sup>BI</sup>	V	1.844	2.865	2.872	0.425	74	204012	S	1.250	1.969	1.972	0.468	203
100557 <sup>18</sup>	V	3.253	5.500	5.507	0.635	08	204013	S	1.500	2.327	2.332	0.406	204
100712V	V	1.874	3.159	3.163	0.500	74	• 204013X	S	1.500	2.327	2.332	0.406	204
100715V	V	1.874	3.159	3.163	0.500	85	204017	S	1.625	2.327	2.332	0.406	204
100727	V	2.500	4.035	4.042	0.492	74							
100796 <sup>RC</sup>	N	2.160	2.973	2.979	0.421	79	203012	S	1.250	1.969	1.972	0.468	203
100944 <sup>12</sup>	S	1.894	2.833	2.835	0.438	#	203013	S	1.500	2.327	2.332	0.406	203
<b>100700 SERIES</b>							<b>203015</b>						
100716V <sup>CCW</sup>	V	47,60	80,30	80,50	14,00	87	203016	S	1.750	2.562	2.566	0.500	203
		1.874	3.161	3.169	0.551		203018	S	1.218	1.969	1.972	0.468	203
<b>120000 SERIES</b>							<b>203020</b>						
127591 <sup>BI</sup>	N	2.913	4.561	4.567	1.004	#	203020	S	1.125	1.780	1.785	0.468	203
<b>127500 SERIES</b>							<b>203025<sup>RC</sup></b>						
127592	S	2.625	3.620	3.626	0.394	87	203029	S	1.250	1.979	1.983	0.406	203
							203034	S	1.875	2.995	3.000	0.437	203

NUMERIC SECTION

<sup>B</sup>External Bore; <sup>12</sup>ABS Sensor Ring; <sup>18</sup>Sure-Lock® I.D. rib design; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; \* Non Stock Item - Special Order

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>204000 SERIES (cont.)</b>							<b>220000 SERIES (cont.)</b>						
204020	S	1.125	1.780	1.785	0.468	204	221830	S	18,00	32,00	32,22	8,00	35
204027	S	1.375	2.327	2.332	0.406	204			0.709	1.260	1.269	0.315	
204029	S	1.250	1.979	1.983	0.406	204	221922	S	19,00	32,00	32,20	8,00	32
204035	S	2.296	3.148	3.153	0.359	204			0.748	1.260	1.268	0.315	
204038	S	1.750	2.717	2.721	0.359	204	222020 <sup>RC</sup>	S	20,00	32,00	32,23	5,00	35
									0.787	1.260	1.269	0.197	
204500	S	1.625	2.562	2.566	0.250	4S	222025 <sup>CW</sup>	N	20,00	30,00	30,20	7,00	32
204501	S	1.750	3.000	3.005	0.250	204			0.787	1.181	1.189	0.276	
204502	S	1.750	2.561	2.565	0.250	204	222028 <sup>CCW</sup>	S	20,00	34,00	34,25	7,00	32
204503	S	1.750	2.374	2.379	0.250	204			0.787	1.339	1.348	0.276	
204505	S	1.125	1.780	1.785	0.250	204							
204506	S	2.000	3.623	3.628	0.250	204	222030 <sup>CW</sup>	S	20,00	35,00	35,23	7,00	32
204507	S	1.250	1.979	1.983	0.250	204			0.787	1.378	1.387	0.276	
204508	S	2.000	3.062	3.066	0.250	204	222036	V	20,00	36,00	36,20	7,00	32
204509	S	5.000	6.250	6.256	0.250	204			0.787	1.417	1.425	0.276	
<b>205000 SERIES</b>							222050	S	20,00	40,00	40,23	7,00	35
205004	F	1.125	1.937	1.942	0.625	205			0.787	1.575	1.584	0.276	
205005	F	1.000	1.780	1.785	0.468	205	222060	S	20,00	47,00	47,20	7,00	35
205015	F	1.750	2.562	2.566	0.500	205			0.787	1.850	1.858	0.276	
205017	F	1.625	2.328	2.332	0.406	205	222238	S	22,00	38,00	38,20	8,00	32
205035	F	2.296	3.148	3.153	0.359	205			0.866	1.496	1.504	0.315	
205044	F	2.000	2.964	2.968	0.500	205	222240	S	22,00	40,00	40,23	7,00	35
<b>210000 SERIES</b>									0.866	1.575	1.584	0.276	
210945	S	1.750	3.371	3.376	0.625	21	222340 <sup>RC,CCW</sup>	N	23,00	40,00	40,23	7,00	32
215271	S	5.000	5.999	6.007	0.937	21			0.905	1.575	1.584	0.276	
<b>220000 SERIES</b>							222410	S	24,00	35,00	35,23	7,00	35
220818	S	8,00	18,00	18,20	7,00	32			0.945	1.378	1.387	0.276	
		0.315	0.709	0.717	0.276		222430	S	24,00	40,00	40,23	7,00	35
220860	S	8,00	16,00	16,20	7,00	35			0.945	1.575	1.584	0.276	
		0.315	0.630	0.638	0.276		222535	S	25,00	38,00	38,23	7,00	32
220918	S	9,00	18,00	18,20	7,00	35			0.984	1.496	1.505	0.276	
		0.354	0.709	0.717	0.276		222540	S	25,00	40,00	40,22	7,00	47
221040	S	10,00	19,00	19,20	7,00	35			0.984	1.575	1.583	0.276	
		0.394	0.748	0.756	0.276		222558	S	25,00	44,00	44,20	7,00	32
221207	S	12,00	22,00	22,25	7,00	35			0.984	1.732	1.740	0.276	
		0.472	0.866	0.876	0.276		222630	N	26,00	38,00	38,20	8,00	32
221410	S	14,00	24,00	24,23	7,00	35			1.024	1.496	1.504	0.315	
		0.551	0.945	0.954	0.276		222655	S	26,00	48,00	48,23	7,00	32
221510	N	15,00	25,00	25,25	6,00	32			1.024	1.890	1.899	0.276	
		0.591	0.984	0.994	0.236		222742	V	27,00	42,00	42,10	7,00	48
221540	S	15,00	30,00	30,23	7,00	35			1.063	1.654	1.657	0.276	
		0.591	1.181	1.190	0.276		222743 <sup>CCW</sup>	H	27,00	43,00	43,20	9,00	32
221607	N	16,00	27,00	27,20	14,00	35			1.063	1.693	1.701	0.354	
		0.630	1.063	1.071	0.551		222745 <sup>CW</sup>	N	27,00	45,00	45,25	9,00	32
221610	N	16,00	28,00	28,23	7,00	32			1.063	1.772	1.781	0.354	
		0.630	1.102	1.111	0.276		222820	S	28,00	40,00	40,34	7,00	33
221620	S	16,00	30,00	30,23	7,00	35			1.102	1.575	1.588	0.276	
		0.630	1.181	1.190	0.276		222830 <sup>CCW</sup>	N	28,00	41,00	41,27	7,00	32
221710	N	17,00	28,00	28,23	7,00	35			1.102	1.614	1.625	0.276	
		0.669	1.102	1.111	0.276		222835	N	28,00	44,00	44,20	6,00	32
221720	S	17,00	30,00	30,23	8,00	32			1.102	1.732	1.740	0.236	
		0.669	1.181	1.190	0.276		222860 <sup>CW</sup>	N	28,00	47,00	47,22	8,00	32
221730	S	17,00	32,00	32,22	7,00	35			1.102	1.850	1.859	0.315	
		0.669	1.260	1.269	0.276		223005	S	30,00	40,00	40,23	7,00	48
221820 <sup>CW</sup>	N	18,00	30,00	30,20	7,00	32			1.181	1.575	1.584	0.276	
		0.709	1.181	1.189	0.276		223010 <sup>CW</sup>	N	30,00	42,00	42,21	7,00	32
									1.181	1.654	1.662	0.276	
							223012 <sup>CW</sup>	N	30,00	44,00	44,20	7,00	32
									1.181	1.732	1.740	0.276	

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>220000 SERIES (cont.)</b>							<b>220000 SERIES (cont.)</b>						
223014 <sup>CW</sup>	V	30,00	45,00	45,20	6,00	32	223605 <sup>RC</sup>	S	36,00	50,00	50,08	7,00	47
		1.181	1.772	1.780	0.236				1.417	1.969	1.972	0.276	
223018	S	30,00	46,00	46,23	7,00	32	223608 <sup>CCW</sup>	S	36,00	52,00	52,20	10,00	32
		1.181	1.811	1.820	0.276				1.417	2.047	2.055	0.394	
223020	S	30,00	47,00	47,25	7,00	35	223750 <sup>CW</sup>	N	37,00	50,00	50,25	6,00	32
		1.181	1.850	1.860	0.276				1.457	1.969	1.978	0.236	
223035	S	30,00	52,00	52,18	7,00	35	223800 <sup>CW</sup>	N	38,00	50,00	50,28	10,50	32
		1.181	2.047	2.054	0.276				1.496	1.969	1.980	0.413	
223050 <sup>CW</sup>	S	30,00	50,00	50,23	9,00	32	223801	S	38,00	50,00	50,28	6,00	32
		1.181	1.969	1.978	0.354				1.496	1.969	1.980	0.236	
223051 <sup>CCW</sup>	N	30,00	50,00	50,23	9,00	32	223802 <sup>RC,CW</sup>	N	38,00	50,00	50,22	8,00	32
		1.181	1.969	1.978	0.354				1.496	1.969	1.977	0.315	
223215 <sup>CCW</sup>	S	32,00	42,00	42,20	10,00	40	223805	S	38,00	47,00	47,10	7,00	25
		1.260	1.654	1.661	0.394				1.496	1.850	1.854	0.276	
223220 <sup>CW</sup>	N	32,00	44,00	44,23	6,00	32	223830	N	38,00	55,00	55,28	8,00	32
		1.260	1.732	1.741	0.236				1.496	2.165	2.176	0.315	
223230 <sup>CW</sup>	N	32,00	45,00	45,23	8,00	32	223831 <sup>CW</sup>	N	38,00	55,00	55,25	9,00	32
		1.260	1.772	1.781	0.315				1.496	2.165	2.175	0.354	
223235	N	32,00	46,00	46,23	6,00	32	223840 <sup>RC</sup>	S	38,00	58,00	58,11	8,00	47
		1.260	1.811	1.820	0.236				1.496	2.283	2.288	0.315	
223240 <sup>CCW</sup>	N	32,00	48,00	48,20	9,00	40	223842	V	38,00	58,00	58,11	8,00	48
		1.260	1.890	1.898	0.354				1.496	2.283	2.288	0.315	
223252 <sup>CCW</sup>	N	32,00	52,00	52,28	11,00	32	223843	S	38,00	60,00	60,35	8,00	35
		1.260	2.047	2.058	0.433				1.496	2.362	2.376	0.315	
223253 <sup>CW</sup>	N	32,00	53,00	53,28	7,00	32	224010	S	40,00	52,00	52,28	7,00	35
		1.260	2.087	2.098	0.276				1.575	2.047	2.058	0.276	
223255	S	32,00	52,00	52,28	7,00	35	224015 <sup>RC</sup>	S	40,00	52,00	52,28	7,00	32
		1.260	2.047	2.058	0.276				1.575	2.047	2.058	0.276	
223340 <sup>CCW</sup>	S	33,00	47,00	47,20	8,00	32	224020 <sup>CW</sup>	N	40,00	55,00	55,28	8,00	32
		1.299	1.850	1.858	0.315				1.575	2.165	2.176	0.315	
223400	N	34,00	44,00	44,23	8,00	32	224025 <sup>RC,CW</sup>	N	40,00	56,00	56,25	7,00	48
		1.339	1.732	1.741	0.315				1.575	2.205	2.215	0.276	
223420 <sup>CW</sup>	V	34,00	48,00	48,20	7,00	32	224026	V	40,00	56,00	56,26	7,00	35
		1.339	1.890	1.898	0.276				1.575	2.205	2.215	0.276	
223510	S	35,00	47,00	47,23	7,00	35	224040	S	40,00	60,00	60,20	10,00	35
		1.378	1.850	1.859	0.276				1.575	2.362	2.370	0.394	
223520	S	35,00	50,00	50,24	8,00	35	224045 <sup>BI</sup>	S	40,00	62,00	62,27	11,00	32
		1.378	1.969	1.978	0.315				1.575	2.441	2.452	0.433	
223535	S	35,00	52,00	52,13	8,00	33	224052 <sup>CW</sup>	S	40,00	52,00	52,28	7,00	32
		1.378	2.047	2.052	0.315				1.575	2.047	2.058	0.276	
223540 <sup>BI</sup>	N	35,00	55,00	55,45	9,00	40	224053 <sup>CCW</sup>	V	40,00	52,00	52,12	7,00	32
		1.378	2.165	2.183	0.315				1.575	2.047	2.052	0.276	
223542	N	35,00	55,00	55,23	11,00	32	224063 <sup>CW</sup>	N	40,00	63,00	63,30	8,00	40
		1.378	2.165	2.174	0.433				1.575	2.480	2.492	0.315	
223543	S	35,00	56,00	56,27	10,00	32	224066 <sup>CW</sup>	N	40,00	66,00	66,30	8,00	40
		1.378	2.205	2.215	0.394				1.575	2.598	2.610	0.315	
223550	S	35,00	58,00	58,10	10,00	45	224068 <sup>CW</sup>	N	40,00	68,00	68,10	9,00	40
		1.378	2.283	2.287	0.394				1.575	2.677	2.681	0.354	
223552	S	35,00	62,00	62,28	9,50	32	224100	S	40,00	65,00	65,28	10,00	35
		1.378	2.441	2.452	0.374				1.575	2.559	2.570	0.394	
223553 <sup>CW</sup>	N	35,00	62,00	62,28	9,00	40	224200	S	42,00	55,00	55,20	7,00	32
		1.378	2.441	2.452	0.354				1.654	2.165	2.173	0.276	
223580 <sup>CW</sup>	S	35,00	68,00	68,16	9,00	40	224205 <sup>CW</sup>	N	42,00	55,00	55,33	8,00	32
		1.378	2.677	2.683	0.354				1.654	2.165	2.178	0.315	
223601	S	36,00	47,00	47,20	7,00	35	224210	S	42,00	55,00	55,28	8,00	35
		1.417	1.850	1.858	0.276				1.654	2.165	2.176	0.315	
223602 <sup>CW</sup>	H	36,00	49,00	49,28	7,00	32	224215 <sup>CCW</sup>	N	42,00	58,00	58,28	8,00	32
		1.417	1.929	1.940	0.276				1.654	2.283	2.294	0.315	

**NUMERIC SECTION**

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>220000 SERIES (cont.)</b>							<b>220000 SERIES (cont.)</b>						
224235	S	42,00	58,00	58,18	7,00	48	225050	S	50,00	80,00	80,28	8,00	35
		1.654	2.283	2.291	0.276				1.969	3.150	3.161	0.315	
224250	S	42,00	62,00	62,27	8,00	35	225082	S	50,00	82,00	82,18	8,00	#
		1.654	2.441	2.452	0.315				1.969	3.228	3.235	0.315	
224255 <sup>RC</sup>	N	42,00	65,00	65,15	10,00	47	225110 <sup>RC</sup>	S	51,00	65,00	65,10	7,00	47
		1.654	2.559	2.565	0.394				2.008	2.559	2.563	0.276	
224266	S	42,00	66,00	66,28	10,00	32	225210	N	52,00	66,00	66,23	9,00	35
		1.654	2.598	2.609	0.394				2.047	2.598	2.607	0.354	
224270	S	42,00	72,00	72,27	10,00	32	225220	S	52,00	68,00	68,28	8,00	32
		1.654	2.835	2.845	0.394				2.047	2.677	2.688	0.315	
224450 <sup>CW</sup>	N	44,00	59,00	59,23	6,80	35	225225 <sup>RC</sup>	S	52,00	70,00	70,27	8,00	47
		1.732	2.323	2.332	0.268				2.047	2.756	2.767	0.315	
224460 <sup>CW</sup>	S	44,00	60,00	60,28	7,00	32	225230	S	52,00	72,00	72,28	8,00	35
		1.732	2.362	2.373	0.276				2.047	2.835	2.846	0.315	
224462 <sup>BI</sup>	S	44,00	62,00	62,26	8,00	32	225275 <sup>RC</sup>	S	52,00	75,00	75,11	7,50	66
		1.732	2.441	2.451	0.315				2.047	2.953	2.957	0.295	
224464 <sup>CCW</sup>	N	44,00	62,00	62,28	10,00	32	225410	S	54,00	66,00	66,23	7,50	#
		1.732	2.441	2.452	0.394				2.126	2.598	2.607	0.295	
224465 <sup>CW</sup>	S	44,00	65,00	65,20	11,00	32	225450	S	54,00	82,00	82,30	10,00	32
		1.732	2.559	2.567	0.433				2.126	3.228	3.240	0.394	
224510	S	45,00	58,00	58,30	7,50	32	225500	S	55,00	68,00	68,30	8,00	32
		1.772	2.283	2.295	0.295				2.165	2.677	2.689	0.315	
224520	S	45,00	60,00	60,25	10,00	35	225530	S	55,00	72,00	72,25	8,00	35
		1.772	2.362	2.372	0.394				2.165	2.835	2.844	0.315	
224570	S	45,00	72,00	72,28	12,00	35	225535	S	55,00	72,00	72,20	10,50	32
		1.772	2.835	2.846	0.472				2.165	2.835	2.843	0.413	
224650 <sup>CW</sup>	N	46,00	58,00	58,28	7,00	32	225545	S	55,00	75,00	75,35	11,00	35
		1.811	2.283	2.294	0.276				2.165	2.953	2.967	0.433	
224660 <sup>CW</sup>	H	46,00	60,00	60,28	7,00	32	225650 <sup>BI</sup>	S	56,00	72,00	72,29	11,50	32
		1.811	2.362	2.373	0.276				2.205	2.835	2.846	0.453	
224663 <sup>CW</sup>	N	46,00	63,00	63,40	7,70	35	225673 <sup>RC</sup>	S	56,00	73,00	73,13	7,50	76
		1.811	2.480	2.496	0.303				2.205	2.874	2.879	0.295	
224810	N	48,00	62,00	62,28	7,80	32	225678	S	56,00	78,00	78,28	7,60	#
		1.890	2.441	2.452	0.307				2.205	3.071	3.082	0.299	
224815	N	48,00	74,00	74,30	10,00	40	225875	S	58,00	75,00	75,28	9,00	32
		1.890	2.913	2.925	0.394				2.283	2.953	2.964	0.354	
224820	S	48,00	62,00	62,10	8,00	32	225885 <sup>BI</sup>	N	56,00	75,00	75,13	10,00	32
		1.890	2.441	2.445	0.315				2.205	2.953	2.958	0.394	
224840 <sup>CW</sup>	S	48,00	68,00	68,30	11,00	32	226018	N	60,00	78,00	78,28	8,00	35
		1.890	2.677	2.689	0.433				2.362	3.071	3.082	0.315	
224870 <sup>RC</sup>	S	48,00	73,00	73,10	7,00	47	226020	S	60,00	80,00	80,29	8,00	35
		1.890	2.874	2.878	0.276				2.362	3.150	3.161	0.315	
224872	S	48,00	72,00	72,35	8,50	32	226150	S	61,00	76,00	76,28	7,00	#
		1.890	2.835	2.848	0.335				2.402	2.992	3.003	0.276	
224874	S	48,00	74,00	74,23	10,00	32	<b>226285<sup>RC</sup></b>	<b>S</b>	<b>62,00</b>	<b>85,00</b>	<b>85,13</b>	<b>8,00</b>	<b>41</b>
		1.890	2.913	2.922	0.394				<b>2.441</b>	<b>3.346</b>	<b>3.352</b>	<b>0.315</b>	
224979 <sup>CW</sup>	N	49,00	79,00	79,10	17,50	47	226510 <sup>CW</sup>	N	65,00	81,00	81,28	7,00	32
		1.929	3.110	3.114	0.689				2.559	3.189	3.200	0.276	
225005 <sup>BI</sup>	S	50,00	62,00	62,28	7,00	32	226520	S	65,00	85,00	85,27	10,00	35
		1.969	2.441	2.452	0.276				2.559	3.346	3.357	0.394	
225010 <sup>RC</sup>	S	50,00	65,00	65,28	8,00	47	226530	S	65,00	90,00	90,28	10,00	35
		1.969	2.559	2.565	0.315				2.559	3.543	3.554	0.394	
225020 <sup>CW</sup>	V	50,00	68,00	68,28	9,00	32	226610	N	66,00	80,00	80,11	9,00	41
		1.969	2.677	2.688	0.354				2.598	3.150	3.154	0.354	
225030	S	50,00	72,00	72,28	8,00	35	227020 <sup>CCW</sup>	H	70,00	88,00	88,25	12,00	32
		1.969	2.835	2.846	0.315				2.756	3.465	3.474	0.472	
225040 <sup>CW</sup>	S	50,00	72,00	72,35	12,00	32	227040 <sup>RC,CCW</sup>	N	70,00	90,00	90,32	10,00	35
		1.969	2.835	2.848	0.472				2.756	3.543	3.554	0.394	

NUMERIC SECTION



Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>220000 SERIES (cont.)</b>							<b>230000 SERIES (cont.)</b>						
227045 <sup>RC,CCW</sup>	H	70,00	92,00	92,23	12,00	47	239201	S	40,00	52,00	52,20	6,50	40
		2.756	3.622	3.631	0.472				1.575	2.047	2.055	0.256	
227235 <sup>CCW</sup>	V	72,00	96,00	96,28	9,00	32	<b>240000 SERIES</b>						
		2.835	3.780	3.791	0.354		240009	S	0.625	1.124	1.135	0.175	24
227409 <sup>CCW</sup>	H	74,00	90,00	90,15	10,00	32	240023	S	0.625	1.375	1.385	0.175	24
		2.913	3.543	3.549	0.394		240119	S	0.500	0.999	1.010	0.175	24
227530	S	75,00	95,00	95,28	10,00	35	240151	S	1.125	1.561	1.572	0.187	24
		2.953	3.740	3.751	0.394		240319	S	1.500	2.000	2.010	0.187	24
227540	S	75,00	100,00	100,20	12,00	32	240356	S	1.250	1.686	1.697	0.187	24
		2.953	3.937	3.945	0.472		240385	S	0.375	0.750	0.760	0.175	24
227550 <sup>CCW</sup>	H	75,00	100,00	100,27	13,00	32	240414	S	1.000	1.437	1.447	0.187	24
		2.953	3.937	3.948	0.472		240435	S	0.250	0.750	0.760	0.175	24
228005 <sup>CCW</sup>	V	80,00	96,00	96,28	9,00	32	240457	S	0.984	1.828	1.838	0.187	24
		3.150	3.780	3.791	0.354		240462	S	1.000	1.936	1.948	0.187	24
228008 <sup>CCW</sup>	V	80,00	98,00	98,40	10,00	32	240470	S	0.437	0.875	0.885	0.175	24
		3.150	3.858	3.874	0.394		240698	S	0.312	0.625	0.635	0.175	24
228009 <sup>CCW</sup>	H	80,00	100,00	100,23	10,00	32	240716	S	1.312	1.752	1.760	0.187	24
		3.150	3.937	3.946	0.394		240731	S	1.000	1.250	1.260	0.125	24
228010 <sup>CCW</sup>	N	80,00	100,00	100,35	13,00	32	240733	S	0.875	1.124	1.135	0.125	24
		3.150	3.937	3.951	0.512		240735	S	0.750	0.999	1.010	0.156	24
228013	H	80,00	100,00	100,28	8,51	32	240736	S	1.250	1.499	1.509	0.156	24
		3.150	3.937	3.948	0.335		240816	S	0.750	1.062	1.072	0.187	24
228015 <sup>CW</sup>	H	80,00	100,00	100,20	10,00	32	240949	S	1.250	1.828	1.838	0.187	24
		3.150	3.937	3.945	0.394		<b>250000 SERIES</b>						
228020 <sup>CCW</sup>	H	80,00	105,00	105,27	14,00	32	250437V	V	1.156	1.575	1.580	0.312	25
		3.150	4.134	4.144	0.551		251511	S	1.250	1.625	1.630	0.188	25
228025	S	80,00	105,00	105,26	13,00	32	252277 <sup>RC</sup>	S	1.000	1.375	1.379	0.250	25
		3.150	4.134	4.144	0.512		253099	S	1.500	1.874	1.879	0.250	25
228250 <sup>CCW</sup>	V	83,00	100,00	100,20	9,00	32	253747	S	0.625	0.875	0.880	0.125	25
		3.268	3.937	3.945	0.354		254270	S	0.750	1.124	1.129	0.187	25
228410 <sup>CCW</sup>	V	84,00	104,00	104,28	11,00	32	254287	S	0.875	1.250	1.255	0.250	25
		3.307	4.094	4.106	0.433		• 255833	S	3.625	4.725	4.730	0.312	25
228411 <sup>CCW</sup>	V	84,00	104,00	104,11	8,50	32	258301	V	1.938	2.471	2.475	0.313	25
		3.307	4.094	4.099	0.335		<b>290000 SERIES</b>						
228480 <sup>CCW</sup>	H	82,00	105,00	105,28	12,00	74	291099	F	1.625	2.562	2.566	0.375	29
		3.228	4.134	4.145	0.462		291295	F	1.843	2.400	2.404	0.235	29
228520	S	85,00	110,00	110,28	12,00	35	<b>310000 SERIES</b>						
		3.346	4.331	4.342	0.472		• 310385	S	0.375	0.750	0.754	0.250	31
228700 <sup>CCW</sup>	N	87,00	100,00	100,20	8,00	32	310841	S	2.750	3.125	3.130	0.187	31
		3.425	3.937	3.945	0.315		311189	S	0.375	0.687	0.691	0.156	31
229004 <sup>CCW</sup>	H	89,00	109,00	109,20	9,00	32	312140	S	1.125	1.502	1.506	0.250	31
		3.504	4.291	4.299	0.354		312196	S	0.500	0.843	0.848	0.250	31
229005 <sup>CCW</sup>	V	90,00	110,00	110,31	12,00	32	312518	S	0.750	1.000	1.005	0.125	31
		3.543	4.331	4.343	0.472		313156	N	0.562	0.810	0.814	0.187	31
229010 <sup>CCW</sup>	H	90,00	110,00	110,31	8,50	32	313842	S	1.125	1.438	1.444	0.215	31
		3.543	4.331	4.343	0.335		314259	S	0.562	0.875	0.879	0.187	31
229210 <sup>BI</sup>	V	92,00	110,00	110,26	9,50	32	314267N	N	0.625	1.000	1.005	0.125	31
		3.622	4.331	4.341	0.374		318301	S	0.563	0.750	0.754	0.094	31
229522	S	1.969	2.618	2.623	0.610	40	<b>320000 SERIES</b>						
<b>230000 SERIES</b>							320249 <sup>CW</sup>	V	35,00	48,00	48,21	7,60	32
231003	S	100,00	125,00	125,28	12,00	35			1.378	1.890	1.898	0.299	
		3.937	4.921	4.932	0.472		320259 <sup>CW</sup>	V	2.005	2.878	2.888	0.340	32
231004	H	100,00	120,00	120,12	11,00	32	320348 <sup>CW</sup>	V	32,00	45,00	45,21	6,00	32
		3.937	4.724	4.735	0.433				1.260	1.772	1.780	0.236	
231250	S	125,00	150,00	150,28	12,00	35							
		4.921	5.906	5.917	0.472								
239146	S	38,00	54,00	54,30	7,00	48							
		1.496	2.126	2.138	0.276								

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<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>320000 SERIES (cont.)</b>						
320457	S	0.472	1.000	1.006	0.375	32
320564	V	45,00	68,00	68,28	7,00	32
		1.772	2.677	2.688	0.276	
320583 <sup>CW</sup>	S	43,00	60,00	60,30	8,00	32
		1.693	2.362	2.374	0.315	
320595 <sup>CCW</sup>	H	29,00	45,00	45,23	8,00	32
		1.142	1.772	1.781	0.315	
320603 <sup>CW</sup>	S	25,00	37,00	37,26	7,00	32
		0.984	1.457	1.467	0.276	
320691 <sup>CCW</sup>	V	3.228	3.918	3.928	0.500	32
321412	S	1.500	2.000	2.008	0.315	32
321416 <sup>CW</sup>	N	38,00	52,00	52,20	7,00	32
		1.496	2.047	2.055	0.276	
321417N <sup>CW</sup>	N	1.417	1.953	1.961	0.276	32
321460 <sup>CW</sup>	S	1.781	2.251	2.259	0.375	32
321516	S	1.000	2.441	2.447	0.375	32
323119	S	1.750	2.715	2.721	0.437	32
323125	S	1.375	2.717	2.723	0.375	32
323133	S	1.125	1.781	1.787	0.406	32
323138	S	1.375	1.828	1.834	0.250	32
324204 <sup>CW</sup>	V	39,00	57,00	57,38	9,65	32
		1.535	2.244	2.259	0.380	
324234V	V	0.500	1.010	1.017	0.204	32
325776 <sup>CCW</sup>	V	110,00	130,00	130,30	10,00	32
		4.331	5.118	5.130	0.394	
327215	S	4.000	4.998	5.006	0.500	32
327303	S	4.500	5.251	5.259	0.437	32
328301	S	1.250	2.835	2.842	0.375	32
<b>330000 SERIES</b>						
330385	S	0.375	0.750	0.754	0.250	33
330663	S	1.375	1.874	1.878	0.312	33
330699	S	0.500	0.875	0.879	0.187	33
330749V	V	1.562	2.062	2.066	0.250	33
331107N	H	2.000	2.746	2.750	0.375	33
331227H <sup>CW</sup>	H	1.875	2.624	2.628	0.375	33
331228H <sup>RC,CW</sup>	N	1.500	2.249	2.253	0.360	75
331301N	N	2.000	2.562	2.566	0.528	33
332062 <sup>CW</sup>	S	1.869	2.518	2.522	0.375	33
335924N	N	4.000	4.562	4.568	0.375	33
337426N <sup>RC</sup>	N	9.250	10.250	10.258	0.500	33
<b>340000 SERIES</b>						
340009S	S	0.625	1.124	1.130	0.250	34
340120	S	1.000	1.499	1.507	0.250	34
340136	S	1.500	2.250	2.258	0.250	34
340151	S	1.125	1.561	1.569	0.250	34
340356	S	1.250	1.686	1.696	0.218	34
340385	S	0.375	0.750	0.756	0.250	34
340387	S	0.625	0.812	0.820	0.093	34
340400	S	1.750	2.250	2.258	0.250	34
340413	S	0.875	1.308	1.316	0.250	34
340469	S	0.656	1.250	1.258	0.250	34
340483	S	0.875	1.250	1.256	0.250	34
340495	S	0.750	1.124	1.133	0.250	34
340724	S	0.614	0.999	1.006	0.250	34
340771	S	0.490	0.875	0.883	0.250	34

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>340000 SERIES (cont.)</b>						
340787	S	0.937	1.375	1.383	0.250	34
340797	S	0.593	0.935	0.943	0.175	34
340815	S	1.125	1.494	1.505	0.250	34
340817	S	1.187	1.627	1.635	0.250	34
340823	S	1.875	2.502	2.511	0.250	34
340826	S	0.312	0.500	0.506	0.125	34
340827	S	0.375	0.562	0.568	0.125	34
340835	S	1.125	1.375	1.381	0.125	34
340847	S	0.500	0.750	0.756	0.125	34
340849	S	0.625	0.875	0.883	0.093	34
340850	S	0.875	1.187	1.193	0.187	34
340853	S	1.375	1.750	1.756	0.187	34
340872	S	0.156	0.500	0.504	0.187	34
340900	S	2.093	2.717	2.725	0.250	34
340927	S	1.562	2.096	2.102	0.250	34
340930	S	1.437	2.000	2.006	0.125	34
341022	S	2.250	2.625	2.636	0.187	34
342517	S	1.000	1.312	1.318	0.125	34
342613	S	0.500	0.875	0.881	0.125	34
342614	S	0.500	0.875	0.881	0.250	34
342805	S	0.500	0.687	0.693	0.093	34
343099	S	1.500	1.874	1.880	0.250	34
343101	S	0.437	0.624	0.633	0.125	34
343104	S	0.250	0.499	0.505	0.187	34
343105	N	0.625	0.936	0.942	0.187	34
343123	S	1.000	1.563	1.569	0.187	34
343185	S	0.750	1.125	1.131	0.156	34
343186	S	1.250	1.499	1.505	0.125	34
345035	S	4.000	4.999	5.008	0.312	34
345146	S	3.500	4.499	4.508	0.250	34
<b>350000 SERIES</b>						
350156	S	0.375	0.874	0.883	0.312	35
350364	S	0.312	0.750	0.756	0.250	35
350394	S	1.500	2.125	2.134	0.437	35
350414	S	1.000	1.437	1.445	0.250	35
350435	S	0.250	0.750	0.758	0.250	35
350567	S	0.875	1.375	1.385	0.312	35
350572	V	40,00	72,00	72,35	7,00	35
		1.575	2.835	2.848	0.276	
350609 <sup>CCW</sup>	N	44,00	68,00	68,30	8,00	35
		1.732	2.677	2.689	0.315	
350679	S	0.750	1.250	1.258	0.312	35
350823	S	1.875	2.502	2.506	0.328	35
350909	S	1.000	1.502	1.510	0.312	35
<b>350936</b>	<b>S</b>	<b>1.875</b>	<b>2.561</b>	<b>2.571</b>	<b>0.312</b>	<b>35</b>
350954	S	0.750	1.250	1.256	0.250	35
350974	S	1.125	1.850	1.859	0.312	35
351028	S	0.490	1.122	1.132	0.265	35
351267	S	0.875	1.375	1.381	0.250	35
351466	S	0.625	1.124	1.130	0.250	35
351487	S	0.625	0.999	1.005	0.250	35
352354	S	1.375	1.874	1.880	0.250	32
352355	S	1.375	1.874	1.880	0.312	35
352541	S	2.000	2.502	2.508	0.250	35
352560	S	1.125	1.561	1.567	0.250	35

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>350000 SERIES (cont.)</b>							<b>370000 SERIES (cont.)</b>						
353120	S	1.875	2.397	2.403	0.250	35	370064A <sup>RC</sup>	S	5.625	7.186	7.194	0.906	03
353132	S	0.875	1.308	1.314	0.250	35	370065A <sup>20</sup>	S	4.250	6.008	6.014	1.000	11
353137	S	1.281	2.000	2.006	0.250	35	370066A <sup>RC</sup>	S	4.000	5.626	5.632	0.605	06
353141	S	1.687	2.279	2.285	0.250	35	370069A <sup>RC</sup>	S	5.250	7.375	7.386	1.000	03
354040	T	1.750	2.500	2.508	0.375	35	370077A <sup>RC</sup>	S	6.000	7.875	7.881	0.605	06
355660H <sup>CCW</sup>	H	92,00	110,00	110,29	10,00	35	370078A <sup>RC</sup>	S	4.500	6.622	6.629	1.093	03
		3.622	4.331	4.342	0.394		370086A <sup>RC</sup>	S	4.500	6.310	6.316	1.175	03
355669	S	3.040	3.937	3.946	0.250	35	370094A <sup>RC</sup>	S	4.125	5.375	5.382	0.605	06
355732	S	2.500	4.250	4.260	0.500	35	370106A <sup>RC</sup>	S	4.166	5.500	5.506	0.605	06
							370107A <sup>RC</sup>	S	4.250	6.035	6.047	0.915	03
<b>360000 SERIES</b>							<b>370000 SERIES (cont.)</b>						
365008 <sup>B</sup>	S	2.687	3.876	3.876	0.250	36	370109A <sup>RC</sup>	S	4.875	6.622	6.629	1.000	03
							370119A <sup>RC</sup>	S	5.640	7.501	7.507	0.605	06
<b>370000 SERIES</b>							<b>370000 SERIES (cont.)</b>						
370001A <sup>20</sup>	S	3.500	4.842	4.855	0.925	11	370120A <sup>RC</sup>	S	5.500	7.250	7.256	1.187	03
370002A <sup>RC</sup>	S	3.500	5.000	5.006	1.000	03	370121A <sup>RC</sup>	S	4.875	6.500	6.506	1.000	03
370003A <sup>20</sup>	S	4.765	6.311	6.325	1.078	11	370124A	S	4.500	5.374	5.384	0.884	07
370004A <sup>RC</sup>	S	4.812	6.500	6.507	0.865	03	370131A	S	4.500	5.876	5.890	0.984	11
370005A	S	4.765	6.251	6.265	0.605	11	370132A	S	3.500	4.543	4.558	0.788	07
370006A <sup>RC</sup>	S	4.765	6.999	7.006	1.250	03	370145A	S	3.125	4.174	4.184	0.500	07
370007A <sup>RC</sup>	S	4.875	6.373	6.379	0.921	03	370150A	S	2.875	3.875	3.885	0.700	07
370008A	S	3.937	5.372	5.386	1.015	11	370165A <sup>RC</sup>	S	3.875	5.376	5.381	0.895	03
370009A <sup>RC</sup>	S	3.937	5.501	5.507	0.937	03	370166A <sup>RC</sup>	S	5.000	6.622	6.629	1.093	03
370010A <sup>RC</sup>	S	2.875	4.125	4.130	0.842	01	370169A	S	3.500	4.751	4.761	0.605	07
370011A	S	3.625	5.000	5.006	0.875	05	370173A <sup>RC</sup>	S	4.765	6.250	6.257	1.050	01
370012A	S	3.625	4.810	4.820	0.921	07	370175A <sup>RC</sup>	S	7.250	8.750	8.758	0.605	06
370013A <sup>RC</sup>	S	3.312	5.000	5.006	0.937	03	370178A	S	4.500	5.500	5.515	0.675	07
370014A <sup>RC</sup>	S	3.125	4.500	4.506	0.605	06	370179A	S	3.500	4.450	4.460	0.843	07
370015A <sup>RC</sup>	S	4.000	5.375	5.381	1.000	03	370181A <sup>RC</sup>	S	4.765	5.999	6.006	1.031	01
370018A <sup>RC</sup>	S	3.250	4.500	4.506	0.605	06	370182A	S	4.375	5.905	5.910	1.000	08
370019A <sup>RC</sup>	S	4.375	6.251	6.257	0.605	06	370192A <sup>RC</sup>	S	4.500	6.441	6.447	0.937	03
370020A <sup>RC</sup>	S	4.500	6.000	6.007	0.984	03	370195A	S	4.882	6.001	6.011	0.625	11
370021A	S	4.500	6.251	6.265	0.605	11	370198A <sup>16</sup>	S	4.040	5.122	5.129	0.945	11
370022A	S	4.500	5.750	5.764	1.000	11	370199A <sup>16</sup>	S	2.359	3.938	3.948	0.575	11
370023A <sup>20</sup>	S	3.875	5.689	5.704	0.880	11	370211A <sup>16</sup>	N	2.948	4.725	4.738	0.585	11
370024A	S	3.875	5.501	5.515	0.875	11	370212A <sup>21</sup>	N	3.539	5.277	5.291	0.585	11
370025A <sup>20</sup>	S	4.625	5.999	6.015	0.875	11	370219A	S	2.250	3.372	3.382	0.475	12
370026A <sup>RC</sup>	S	4.635	6.007	6.014	0.937	03	370220A	S	4.724	5.906	5.920	0.590	11
370027A <sup>RC</sup>	S	4.812	6.311	6.316	1.062	03	370247A	S	2.955	3.875	3.882	0.488	#
370028A <sup>RC</sup>	S	5.000	6.250	6.256	1.375	01	370338A	S	4.375	5.757	5.798	0.600	02
370029A <sup>RC</sup>	S	3.187	5.000	5.006	0.765	03	370349A	S	4.000	5.757	5.798	0.600	02
370030A <sup>RC</sup>	S	4.250	6.064	6.071	0.605	06	370352A	S	2.750	3.779	3.792	0.767	11
370031A	S	4.250	6.250	6.264	1.188	11	370371A	S	3.937	5.126	5.140	0.605	11
370033A <sup>RC</sup>	S	3.875	5.126	5.132	0.605	06	370450A <sup>RC</sup>	S	2.875	3.875	3.880	0.414	06
370034A <sup>RC</sup>	S	4.375	6.311	6.317	1.090	03	376590A	S	4.250	6.008	6.050	0.680	04
370036A	S	4.000	5.757	5.771	0.955	11	<b>380000 SERIES</b>						
370037A <sup>RC</sup>	S	4.375	5.757	5.763	1.000	03	380001A	T	3.500	4.840	4.852	0.910	10
370038A <sup>RC,BI</sup>	S	5.000	7.437	7.444	0.605	06	380003A	T	4.765	6.309	6.322	1.132	10
370039A <sup>RC,BI</sup>	S	5.500	7.437	7.444	1.000	03	380009A	T	3.937	5.501	5.511	0.957	10
370043A <sup>RC</sup>	S	5.500	7.125	7.132	1.187	03	380022A	T	4.500	5.750	5.753	1.000	10
370046A <sup>RC</sup>	S	3.125	4.625	4.631	0.605	06	380023A	T	3.875	5.690	5.703	0.770	10
370047A <sup>RC</sup>	S	3.437	4.755	4.761	0.700	06	380025A	T	4.625	5.998	6.011	0.937	10
370048A <sup>RC</sup>	S	4.375	5.905	5.911	1.000	03	380031A	T	4.250	6.250	6.263	1.188	10
370051A <sup>RC</sup>	S	4.625	6.622	6.629	1.093	03	380036A	T	4.000	5.752	5.765	0.965	10
370054A <sup>RC</sup>	S	2.875	4.175	4.181	0.822	03	380048A	T	4.375	5.905	5.918	1.015	10
370057A <sup>RC</sup>	S	4.875	6.437	6.444	0.921	03	380065A	T	4.250	6.007	6.020	1.000	10
370063A <sup>RC</sup>	S	5.000	6.250	6.256	0.605	06	380069A	T	5.250	7.375	7.385	1.010	10

**NUMERIC SECTION**

<sup>B</sup>External Bore; <sup>16</sup>Spindle Mount; <sup>20</sup>Dynamic Edge; <sup>21</sup>Dexter Axle; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>380000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
380131A	T	4.500	5.876	5.889	0.984	10	• 410138	S	1.937	2.686	2.690	0.500	41
386025A	T	4.625	5.998	6.024	0.580	13	• 410139	S	2.187	2.996	3.001	0.500	41
386590A	T	4.252	6.007	6.040	0.580	13	• 410154N	N	1.687	2.502	2.506	0.500	41
<b>410000 SERIES</b>							• 410160	S	1.125	2.000	2.004	0.437	41
• 410005	S	0.500	1.124	1.128	0.375	41	410163 <sup>RC</sup>	S	1.250	2.000	2.004	0.437	41
• 410007	S	0.562	1.124	1.128	0.375	41	• 410163N	N	1.250	2.000	2.004	0.437	41
• 410009	S	0.625	1.124	1.128	0.375	41	• 410169	S	1.375	2.250	2.254	0.500	41
• 410009N	N	0.625	1.124	1.128	0.375	41	• 410171	S	1.437	2.250	2.254	0.500	41
• 410016	S	0.562	1.250	1.254	0.375	41	• 410183	S	1.750	2.750	2.754	0.500	41
• 410018	S	0.625	1.250	1.254	0.375	41	410183 <sup>RC</sup>	N	1.750	2.750	2.754	0.500	41
• 410021	S	0.562	1.375	1.379	0.406	41	• 410187	S	1.000	2.062	2.066	0.437	41
• 410023	S	0.625	1.375	1.379	0.406	41	410190 <sup>RC</sup>	S	<b>1.500</b>	<b>2.561</b>	<b>2.565</b>	<b>0.500</b>	<b>41</b>
• 410027SSR	S	0.750	1.375	1.379	0.406	41	• 410194	S	1.625	2.502	2.506	0.500	41
• 410045	S	1.125	1.828	1.832	0.437	41	• 410202	S	0.562	0.999	1.003	0.375	41
• 410055	S	1.375	2.374	2.378	0.500	41	• 410202N	N	0.562	0.999	1.003	0.375	41
410059 <sup>RC</sup>	S	1.500	2.374	2.378	0.500	41	• 410219	S	1.000	1.624	1.628	0.437	41
• 410059N	N	1.500	2.374	2.378	0.500	41	• 410222	S	0.750	1.752	1.756	0.437	41
• 410060	S	1.531	2.374	2.378	0.500	41	• 410236	S	1.125	1.874	1.878	0.437	41
• 410064	S	1.562	2.437	2.441	0.468	41	• 410261	S	2.062	2.996	3.001	0.500	41
• 410066	S	1.625	2.437	2.441	0.468	41	• 410273	S	1.562	2.758	2.762	0.500	41
• 410067	S	1.500	2.502	2.506	0.500	41	• 410283	S	1.875	2.758	2.762	0.500	41
• 410070	S	1.750	2.623	2.627	0.500	41	• 410286	S	1.625	2.750	2.754	0.500	41
• 410070N	N	1.750	2.623	2.627	0.500	41	• 410286N	N	1.625	2.750	2.754	0.500	41
410071 <sup>RC</sup>	S	1.875	2.623	2.627	0.500	41	• 410291	S	1.750	2.875	2.879	0.468	41
• 410071N	N	1.875	2.623	2.627	0.500	41	• 410295	S	1.937	2.875	2.879	0.468	41
• 410074	S	1.687	2.686	2.690	0.500	41	• 410295N	N	1.937	2.875	2.879	0.468	41
• 410082	S	1.875	2.875	2.879	0.468	41	• 410300	S	1.937	3.000	3.005	0.500	41
• 410083N	N	2.000	2.875	2.879	0.468	41	• 410301V	V	2.000	3.000	3.005	0.500	41
• 410084	S	1.875	2.996	3.001	0.500	41	• 410303	S	2.125	3.000	3.005	0.500	41
410085 <sup>RC</sup>	S	2.000	2.996	3.001	0.500	41	• 410303N	N	2.125	3.000	3.005	0.500	41
410085N <sup>RC</sup>	N	2.000	2.996	3.001	0.500	41	410308 <sup>RC</sup>	S	<b>2.125</b>	<b>3.061</b>	<b>3.066</b>	<b>0.500</b>	<b>41</b>
• 410085V	V	2.000	2.996	3.001	0.500	41	• 410309	S	1.937	3.125	3.130	0.500	41
• 410087	S	1.750	3.061	3.066	0.500	41	• 410310	S	2.000	3.125	3.130	0.500	41
• 410088	S	1.750	3.189	3.194	0.437	41	410312 <sup>RC</sup>	S	2.125	3.125	3.130	0.500	41
• 410094	S	1.937	3.189	3.194	0.437	41	410312N <sup>RC</sup>	N	2.125	3.125	3.130	0.500	41
• 410095	S	2.000	3.189	3.194	0.437	41	• 410314	S	2.125	3.251	3.256	0.500	41
• 410097	S	2.125	3.350	3.355	0.468	41	• 410315	S	2.187	3.251	3.256	0.500	41
• 410097N	N	2.125	3.350	3.355	0.468	41	• 410315N	N	2.187	3.251	3.256	0.500	41
• 410097V <sup>14</sup>	V	2.125	3.350	3.355	0.468	41	410316	S	2.250	3.251	3.256	0.500	41
• 410098	S	2.187	3.350	3.355	0.468	41	• 410317	S	2.312	3.251	3.256	0.500	41
• 410099N	N	2.250	3.350	3.355	0.468	41	• 410320	S	2.375	3.189	3.194	0.437	41
• 410100N	N	2.312	3.350	3.355	0.468	41	• 410320N	N	2.375	3.189	3.194	0.437	41
• 410101	S	2.375	3.350	3.355	0.468	41	• 410322	S	2.437	3.251	3.256	0.500	41
410101N <sup>RC</sup>	N	2.375	3.350	3.355	0.468	41	• 410324	S	2.437	3.371	3.376	0.468	41
• 410101S	S	2.375	3.350	3.355	0.468	41	• 410330	S	2.500	3.371	3.376	0.468	41
• 410101V	V	2.375	3.350	3.355	0.468	41	• 410330N	N	2.500	3.371	3.376	0.468	41
410102 <sup>RC</sup>	S	<b>2.000</b>	<b>3.371</b>	<b>3.376</b>	<b>0.468</b>	<b>41</b>	• 410350	S	2.375	3.371	3.376	0.468	41
• 410102N	N	2.000	3.371	3.376	0.468	41	• 410354	S	2.187	3.189	3.194	0.437	41
• 410103	S	2.375	3.481	3.486	0.500	41	• 410358	S	1.625	2.374	2.378	0.500	41
• 410115	S	2.125	2.996	3.001	0.500	41	410358N <sup>RC</sup>	N	1.625	2.374	2.378	0.500	41
• 410115N	N	2.125	2.996	3.001	0.500	41	• 410360	S	2.000	2.686	2.690	0.500	41
410119 <sup>RC</sup>	S	0.500	0.999	1.003	0.375	41	• 410361	S	1.750	2.561	2.565	0.500	41
• 410121	S	2.125	3.189	3.194	0.437	41	• 410374	S	2.437	3.350	3.355	0.468	41
• 410121V	V	2.125	3.189	3.194	0.437	41	• 410375	S	1.763	2.412	2.416	0.468	41
• 410135N	N	1.375	2.125	2.129	0.437	41	• 410389	S	2.000	2.750	2.754	0.500	41
							• 410389N	N	2.000	2.750	2.754	0.500	41

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
• 410394	S	1.500	2.125	2.129	0.437	41	• 411100N	N	1.125	1.624	1.628	0.312	41
• 410394N	N	1.500	2.125	2.129	0.437	41	• 411138	S	2.250	3.125	3.130	0.375	41
• 410403	S	1.375	2.062	2.066	0.437	41	411143N <sup>RC</sup>	N	2.625	3.251	3.256	0.437	41
• 410441N	N	2.250	2.996	3.001	0.500	41	• 411160	S	2.312	3.000	3.005	0.500	41
• 410444	S	1.375	2.502	2.506	0.500	41	411160V <sup>RC</sup>	V	2.312	3.000	3.005	0.500	41
• 410489	S	2.187	2.875	2.879	0.468	41	• 411178	S	2.375	3.112	3.117	0.500	41
<b>410496<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.350</b>	<b>3.355</b>	<b>0.468</b>	<b>41</b>	• 411234	S	2.250	3.061	3.066	0.500	41
410519 <sup>RC</sup>	S	2.500	3.251	3.256	0.500	41	• 411234N	N	2.250	3.061	3.066	0.500	41
410520 <sup>RC</sup>	S	2.250	3.000	3.005	0.500	41	<b>411245<sup>RC</sup></b>	<b>S</b>	<b>2.437</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
• 410520N	N	2.250	3.000	3.005	0.500	41	<b>411253<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.350</b>	<b>3.355</b>	<b>0.375</b>	<b>41</b>
<b>410524<sup>RC</sup></b>	<b>S</b>	<b>1.875</b>	<b>3.371</b>	<b>3.376</b>	<b>0.468</b>	<b>41</b>	• 411271	S	2.500	3.251	3.256	0.375	41
• 410525	S	2.437	3.125	3.130	0.500	41	• 411272	S	2.250	3.000	3.005	0.375	41
• 410530	S	2.000	2.996	3.001	0.375	41	• 411275N	N	3.250	4.249	4.254	0.468	41
• 410530N	N	2.000	2.996	3.001	0.375	41	411275V <sup>RC</sup>	V	3.250	4.249	4.254	0.468	41
• 410543	S	2.000	2.717	2.720	0.468	41	• 411324	S	0.625	1.375	1.379	0.312	41
• 410551	S	2.312	3.125	3.130	0.500	41	411330 <sup>RC</sup>	S	2.598	3.481	3.486	0.500	41
• 410552	S	2.375	3.125	3.130	0.500	41	411330N <sup>RC</sup>	N	2.598	3.481	3.486	0.500	41
• 410552N	N	2.375	3.125	3.130	0.500	41	• 411338	S	2.187	3.000	3.005	0.500	41
• 410565	S	2.375	3.125	3.130	0.375	41	• 411341	S	2.250	2.996	3.001	0.437	41
• 410565N	N	2.375	3.125	3.130	0.375	41	• 411341N	N	2.250	2.996	3.001	0.437	41
• 410571	S	2.000	3.251	3.256	0.500	41	411348 <sup>RC</sup>	S	2.812	4.249	4.254	0.468	41
• 410574	S	2.375	3.251	3.256	0.500	41	<b>411376<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
• 410574N	N	2.375	3.251	3.256	0.500	41	<b>411394<sup>RC</sup></b>	<b>S</b>	<b>2.312</b>	<b>3.251</b>	<b>3.256</b>	<b>0.375</b>	<b>41</b>
• 410605	S	2.500	3.371	3.376	0.375	41	• 411414	S	3.375	4.376	4.381	0.562	41
• 410614	S	2.250	3.251	3.256	0.437	41	• 411414N	N	3.375	4.376	4.381	0.562	41
• 410614N	N	2.250	3.251	3.256	0.437	41	• 411452	S	2.250	2.987	2.991	0.500	41
• 410626	S	2.625	3.371	3.376	0.468	41	• 411475	S	2.625	3.543	3.548	0.500	41
• 410626N	N	2.625	3.371	3.376	0.468	41	• 411475N	N	2.625	3.543	3.548	0.500	41
• 410680	S	0.875	1.499	1.503	0.312	41	<b>411500<sup>RC</sup></b>	<b>S</b>	<b>2.437</b>	<b>3.350</b>	<b>3.355</b>	<b>0.375</b>	<b>41</b>
• 410680N	N	0.875	1.499	1.503	0.312	41	• 411509N	N	2.500	3.250	3.256	0.437	41
• 410681	S	2.187	3.125	3.130	0.500	41	• 411531	S	0.562	1.124	1.128	0.312	41
410686N <sup>RC</sup>	N	2.375	3.483	3.488	0.500	41	• 411557	S	0.562	1.375	1.379	0.312	41
410694 <sup>RC</sup>	S	2.312	3.350	3.355	0.375	41	• 411577	S	0.625	1.499	1.503	0.312	41
410708 <sup>RC</sup>	S	2.625	3.374	3.379	0.468	41	• 411580	S	0.750	1.499	1.503	0.312	41
<b>410737<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.189</b>	<b>3.194</b>	<b>0.437</b>	<b>41</b>	• 411706	S	1.125	1.752	1.756	0.312	41
410752 <sup>RC</sup>	S	2.500	3.247	3.252	0.500	41	• 411854	S	1.937	2.561	2.565	0.500	41
• 410791	S	0.625	1.124	1.128	0.312	41	• 411949	S	2.125	2.750	2.754	0.500	41
<b>410825<sup>RC</sup></b>	<b>S</b>	<b>2.375</b>	<b>3.623</b>	<b>3.628</b>	<b>0.375</b>	<b>41</b>	• 411949N	N	2.125	2.750	2.754	0.500	41
• 410867	S	2.125	2.875	2.879	0.437	41	• 411953	S	2.187	2.875	2.879	0.437	41
410867N <sup>RC</sup>	N	2.125	2.875	2.879	0.437	41	• 411953N	N	2.187	2.875	2.879	0.437	41
• 410867R	S	2.125	2.875	2.879	0.437	41	• 412008	S	2.000	2.996	3.001	0.437	41
410867V <sup>RC</sup>	V	2.125	2.875	2.879	0.437	41	• 412012	S	2.062	3.000	3.005	0.375	41
• 410895	S	0.750	1.375	1.379	0.312	41	412015V <sup>RC</sup>	V	2.125	3.000	3.005	0.375	41
• 410965	S	1.937	3.350	3.355	0.468	41	• 412016	S	2.125	3.125	3.130	0.375	41
• 410966	S	2.000	2.875	2.879	0.500	41	• 412016N	N	2.125	3.125	3.130	0.375	41
• 410972	S	2.125	3.371	3.376	0.468	41	• 412017	S	2.187	2.996	3.001	0.437	41
410972N <sup>RC</sup>	N	2.125	3.371	3.376	0.468	41	• 412018	S	2.187	3.000	3.005	0.375	41
• 410975	S	0.625	1.499	1.503	0.390	41	• 412019	S	2.187	3.062	3.066	0.500	41
<b>410987<sup>RC</sup></b>	<b>S</b>	<b>2.375</b>	<b>3.481</b>	<b>3.486</b>	<b>0.437</b>	<b>41</b>	• 412020	S	2.187	3.125	3.130	0.375	41
• 410988	S	2.375	3.061	3.066	0.500	41	<b>412027<sup>RC</sup></b>	<b>S</b>	<b>2.000</b>	<b>3.251</b>	<b>3.256</b>	<b>0.437</b>	<b>41</b>
• 410988N	N	2.375	3.061	3.066	0.500	41	412028 <sup>RC</sup>	S	2.000	3.350	3.355	0.468	41
• 411000	S	1.375	2.250	2.254	0.375	41	• 412032	S	2.125	3.251	3.256	0.437	41
• 411016	S	1.562	2.125	2.129	0.437	41	• 412035	S	2.187	3.371	3.376	0.468	41
• 411024	S	0.625	1.624	1.628	0.437	41	• 412038	S	2.375	3.251	3.256	0.437	41
• 411091	S	2.000	3.062	3.066	0.500	41	412038N <sup>RC</sup>	N	2.375	3.251	3.256	0.437	41
• 411100	S	1.125	1.624	1.628	0.312	41	<b>412040<sup>RC</sup></b>	<b>S</b>	<b>2.437</b>	<b>3.251</b>	<b>3.256</b>	<b>0.437</b>	<b>41</b>

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
412119 <sup>RC</sup>	S	2.375	3.350	3.355	0.375	41	415016N <sup>RC</sup>	N	3.125	4.249	4.254	0.625	41
412473 <sup>RC</sup>	S	3.375	4.376	4.381	0.375	41	• 415018	S	3.250	4.249	4.254	0.625	41
• 412572	S	1.875	2.750	2.754	0.312	41	• 415018N	N	3.250	4.249	4.254	0.625	41
• 412691	S	1.375	2.374	2.378	0.750	41	• 415019	S	3.000	4.999	5.004	0.468	41
412725 <sup>RC</sup>	S	2.000	3.150	3.155	0.375	41	<b>415021<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>
412798N <sup>RC</sup>	N	2.062	3.000	3.005	0.437	41	<b>415023<sup>RC</sup></b>	<b>S</b>	<b>3.250</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>
412861 <sup>RC</sup>	S	2.375	3.543	3.548	0.375	41	<b>415025<sup>RC</sup></b>	<b>S</b>	<b>3.375</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>
412871 <sup>RC</sup>	S	2.625	3.350	3.355	0.375	41	<b>415027<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>
412920 <sup>RC</sup>	S	2.250	3.371	3.376	0.375	41	415027H	H	3.500	4.999	5.004	0.468	41
412920V <sup>RC</sup>	V	2.250	3.371	3.376	0.375	41	415027N <sup>RC</sup>	N	3.500	4.999	5.004	0.468	41
<b>412943<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>3.350</b>	<b>3.355</b>	<b>0.375</b>	<b>41</b>	• 415029	S	3.625	4.999	5.004	0.468	41
• 413244	S	2.187	2.875	2.879	0.375	41	• 415031	S	3.750	4.999	5.004	0.468	41
• 413244N	N	2.187	2.875	2.879	0.375	41	• 415031N	N	3.750	4.999	5.004	0.468	41
• 413245	S	2.187	3.251	3.256	0.375	41	• 415033	S	3.875	4.999	5.004	0.468	41
<b>413246<sup>RC</sup></b>	<b>S</b>	<b>2.375</b>	<b>3.251</b>	<b>3.256</b>	<b>0.375</b>	<b>41</b>	• 415033N	N	3.875	4.999	5.004	0.468	41
<b>413246N<sup>RC</sup></b>	<b>N</b>	<b>2.375</b>	<b>3.251</b>	<b>3.255</b>	<b>0.375</b>	<b>41</b>	<b>415034<sup>RC</sup></b>	<b>S</b>	<b>3.937</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>
<b>413247<sup>RC</sup></b>	<b>S</b>	<b>2.375</b>	<b>3.371</b>	<b>3.376</b>	<b>0.375</b>	<b>41</b>	• 415034V	V	3.937	4.990	5.004	0.468	41
<b>413248<sup>RC</sup></b>	<b>S</b>	<b>2.625</b>	<b>3.371</b>	<b>3.376</b>	<b>0.375</b>	<b>41</b>	• 415034VAR	V	3.937	4.999	5.004	0.468	41
• 413248N	N	2.625	3.371	3.376	0.375	41	<b>415035<sup>RC</sup></b>	<b>S</b>	<b>4.000</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>
• 413248V	V	2.625	3.371	3.376	0.375	41	• 415035N	N	4.000	4.999	5.004	0.468	41
• 413293	S	1.187	2.125	2.129	0.375	41	415035V <sup>RC</sup>	V	4.000	4.999	5.004	0.468	41
• 413293N	N	1.187	2.125	2.129	0.375	41	<b>415036<sup>RC</sup></b>	<b>S</b>	<b>4.000</b>	<b>5.501</b>	<b>5.506</b>	<b>0.562</b>	<b>41</b>
<b>413469<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>3.350</b>	<b>3.355</b>	<b>0.375</b>	<b>41</b>	• 415036N	N	4.000	5.500	5.506	0.562	41
<b>413470<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>3.371</b>	<b>3.376</b>	<b>0.375</b>	<b>41</b>	• 415039	S	4.187	5.501	5.506	0.562	41
413470V <sup>RC</sup>	V	2.125	3.371	3.376	0.375	41	• 415039N	N	4.187	5.501	5.506	0.562	41
<b>413472<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>3.371</b>	<b>3.376</b>	<b>0.375</b>	<b>41</b>	• 415040	S	4.250	5.501	5.506	0.562	41
• 413477	S	2.437	3.251	3.256	0.375	41	• 415040N	N	4.250	5.501	5.506	0.562	41
<b>413478<sup>RC</sup></b>	<b>S</b>	<b>2.437</b>	<b>3.371</b>	<b>3.376</b>	<b>0.375</b>	<b>41</b>	<b>415041<sup>RC</sup></b>	<b>S</b>	<b>4.000</b>	<b>5.751</b>	<b>5.756</b>	<b>0.562</b>	<b>41</b>
<b>413479<sup>RC</sup></b>	<b>S</b>	<b>2.562</b>	<b>3.481</b>	<b>3.486</b>	<b>0.375</b>	<b>41</b>	• 415041N	N	4.000	5.751	5.756	0.562	41
• 413799	S	1.625	2.087	2.091	0.275	41	<b>415043<sup>RC</sup></b>	<b>S</b>	<b>4.125</b>	<b>5.751</b>	<b>5.756</b>	<b>0.562</b>	<b>41</b>
414045 <sup>RC</sup>	S	1.875	2.782	2.786	0.500	41	• 415044	S	4.187	5.751	5.756	0.562	41
• 414072	S	2.441	3.346	3.352	0.315	41	<b>415045<sup>RC</sup></b>	<b>S</b>	<b>4.250</b>	<b>5.751</b>	<b>5.756</b>	<b>0.562</b>	<b>41</b>
<b>414268<sup>RC</sup></b>	<b>S</b>	<b>1.625</b>	<b>3.000</b>	<b>3.004</b>	<b>0.312</b>	<b>41</b>	<b>415047<sup>RC</sup></b>	<b>S</b>	<b>4.375</b>	<b>5.751</b>	<b>5.756</b>	<b>0.562</b>	<b>41</b>
<b>415001<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.543</b>	<b>3.548</b>	<b>0.500</b>	<b>41</b>	• 415049	S	4.500	5.751	5.756	0.562	41
415001N <sup>RC</sup>	N	2.500	3.543	3.548	0.500	41	415052 <sup>RC</sup>	S	8.000	10.125	10.133	0.750	41
• 415002	S	2.562	3.623	3.628	0.468	41	• 415053N	N	4.750	5.751	5.756	0.562	41
415003 <sup>RC</sup>	S	2.625	3.623	3.628	0.468	41	• 415053V	V	4.750	5.751	5.756	0.562	41
• 415003N	N	2.625	3.623	3.628	0.468	41	• 415054	S	4.000	6.250	6.256	0.562	41
• 415003V	V	2.625	3.623	3.628	0.468	41	<b>415058<sup>RC</sup></b>	<b>S</b>	<b>4.250</b>	<b>6.250</b>	<b>6.256</b>	<b>0.562</b>	<b>41</b>
415004 <sup>RC</sup>	S	2.750	3.751	3.756	0.500	41	415060 <sup>RC</sup>	S	4.375	6.250	6.256	0.562	41
• 415004N	N	2.750	3.751	3.756	0.500	41	• 415062	S	4.500	6.250	6.256	0.562	41
415004V <sup>RC</sup>	V	2.750	3.751	3.756	0.500	41	<b>415064<sup>RC</sup></b>	<b>S</b>	<b>4.625</b>	<b>6.250</b>	<b>6.256</b>	<b>0.562</b>	<b>41</b>
<b>415007<sup>RC</sup></b>	<b>S</b>	<b>2.625</b>	<b>3.876</b>	<b>3.881</b>	<b>0.468</b>	<b>41</b>	<b>415066<sup>RC</sup></b>	<b>S</b>	<b>4.750</b>	<b>6.250</b>	<b>6.256</b>	<b>0.562</b>	<b>41</b>
415009 <sup>RC</sup>	S	2.750	3.876	3.881	0.468	41	• 415068N	N	4.875	6.250	6.256	0.562	41
<b>415009N<sup>RC</sup></b>	<b>N</b>	<b>2.750</b>	<b>3.876</b>	<b>3.881</b>	<b>0.468</b>	<b>41</b>	• 415070	S	5.000	6.250	6.256	0.562	41
• 415011	S	2.875	4.003	4.008	0.468	41	• 415070N	N	5.000	6.250	6.256	0.562	41
• 415011N	N	2.875	4.003	4.008	0.468	41	• 415070V	V	5.000	6.250	6.256	0.562	41
• 415012	S	2.937	4.003	4.008	0.468	41	• 415071	S	5.125	6.374	6.382	0.625	41
415012N <sup>RC</sup>	N	2.937	4.003	4.008	0.468	41	<b>415072<sup>RC</sup></b>	<b>S</b>	<b>6.000</b>	<b>7.500</b>	<b>7.508</b>	<b>0.562</b>	<b>41</b>
415012V <sup>RC</sup>	V	2.937	4.003	4.008	0.468	41	• 415072V	V	6.000	7.500	7.508	0.562	41
415013 <sup>RC</sup>	S	3.000	4.003	4.008	0.468	41	• 415073	S	5.500	6.749	6.756	0.625	41
<b>415013N<sup>RC</sup></b>	<b>N</b>	<b>3.000</b>	<b>4.003</b>	<b>4.008</b>	<b>0.468</b>	<b>41</b>	• 415073N	N	5.500	6.749	6.756	0.625	41
• 415013V	V	3.000	4.003	4.008	0.468	41	415073V <sup>RC</sup>	V	5.500	6.749	6.756	0.625	41
• 415014	S	3.000	4.249	4.254	0.625	41	415074 <sup>RC</sup>	S	6.125	7.500	7.508	0.562	41
• 415014N	N	3.000	4.249	4.254	0.625	41	• 415075	S	5.875	7.125	7.133	0.625	41
• 415016	S	3.125	4.249	4.254	0.625	41	• 415075N	N	5.875	7.125	7.133	0.625	41

NUMERIC SECTION



# Numerical List Size & Type

# RADIAL SHAFT SEALS



Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
415076 <sup>RC</sup>	S	11.500	13.500	13.508	0.750	41	• 415162	S	3.250	4.376	4.381	0.625	41
415077 <sup>RC</sup>	S	11.500	13.000	13.010	0.750	41	• 415164	S	3.375	4.376	4.381	0.625	41
• 415079	S	2.500	3.751	3.756	0.500	41	415164N <sup>RC</sup>	N	3.375	4.376	4.381	0.625	41
• 415080	S	2.125	3.623	3.628	0.468	41	• 415165	S	3.375	4.499	4.504	0.468	41
<b>415082<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.876</b>	<b>3.881</b>	<b>0.468</b>	<b>41</b>	415170 <sup>RC</sup>	S	3.500	4.626	4.631	0.625	41
415082N <sup>RC</sup>	N	2.500	3.876	3.881	0.468	41	• 415172	S	3.625	4.626	4.631	0.625	41
<b>415085<sup>RC</sup></b>	<b>S</b>	<b>3.312</b>	<b>4.499</b>	<b>4.504</b>	<b>0.468</b>	<b>41</b>	• 415172N	N	3.625	4.625	4.631	0.625	41
• 415086	S	3.000	4.249	4.254	0.468	41	• 415172V	V	3.625	4.626	4.631	0.625	41
<b>415086N<sup>RC</sup></b>	<b>N</b>	<b>3.000</b>	<b>4.249</b>	<b>4.254</b>	<b>0.468</b>	<b>41</b>	• 415173	S	3.500	4.751	4.756	0.625	41
• 415086V	V	3.000	4.249	4.254	0.468	41	• 415173N	N	3.500	4.751	4.756	0.625	41
<b>415088<sup>RC</sup></b>	<b>S</b>	<b>3.000</b>	<b>4.499</b>	<b>4.504</b>	<b>0.468</b>	<b>41</b>	• 415175	S	3.625	4.751	4.756	0.625	41
• 415088N	N	3.000	4.499	4.504	0.468	41	• 415177	S	3.750	4.751	4.756	0.625	41
415090 <sup>RC</sup>	S	9.000	11.000	11.008	0.750	41	• 415179	S	3.875	4.751	4.756	0.625	41
• 415091	S	4.875	5.999	6.007	0.625	41	• 415181	S	3.625	4.876	4.881	0.625	41
• 415093	S	2.250	3.500	3.505	0.500	41	• 415183	S	3.750	4.876	4.881	0.625	41
• 415093N	N	2.250	3.500	3.505	0.500	41	• 415185	S	3.875	4.876	4.881	0.625	41
• 415094	S	2.312	3.500	3.505	0.500	41	• 415185N	N	3.875	4.876	4.881	0.625	41
• 415095N	N	2.375	3.500	3.505	0.500	41	• 415186	S	3.937	4.876	4.882	0.625	41
• 415096	S	2.437	3.500	3.505	0.500	41	415187 <sup>RC</sup>	S	4.000	4.876	4.881	0.625	41
• 415096N	N	2.437	3.500	3.505	0.500	41	• 415188	S	4.000	5.126	5.131	0.625	41
• 415098	S	2.562	3.500	3.505	0.500	41	• 415192	S	4.000	5.251	5.256	0.468	41
415098N	N	2.562	3.500	3.505	0.500	41	415192N <sup>RC</sup>	N	4.000	5.251	5.256	0.468	41
• 415101	S	2.750	4.249	4.254	0.625	41	• 415195	S	4.250	5.251	5.256	0.468	41
• 415104	S	5.250	6.499	6.507	0.625	41	• 415195N	N	4.250	5.251	5.256	0.468	41
• 415104N	N	5.250	6.499	6.507	0.625	41	<b>415196<sup>RC</sup></b>	<b>S</b>	<b>4.250</b>	<b>5.376</b>	<b>5.381</b>	<b>0.500</b>	<b>41</b>
• 415105V	V	5.375	6.624	6.632	0.625	41	• 415196N	N	4.250	5.376	5.381	0.500	41
415116 <sup>RC</sup>	S	7.250	8.750	8.759	0.750	41	• 415198	S	4.375	5.501	5.506	0.562	41
415124 <sup>RC</sup>	S	8.250	10.250	10.260	0.750	41	• 415198A	S	4.375	5.501	5.506	0.562	41
415128 <sup>RC</sup>	S	8.750	10.750	10.758	0.750	41	• 415200N	N	4.500	5.501	5.506	0.562	41
• 415130	S	1.937	3.543	3.548	0.500	41	• 415200V	V	4.500	5.501	5.506	0.562	41
• 415134	S	4.125	4.999	5.004	0.468	41	• 415201	S	4.000	5.999	6.007	0.625	41
• 415134N	N	4.125	4.999	5.004	0.468	41	• 415205	S	4.250	5.999	6.007	0.625	41
415137 <sup>RC</sup>	S	3.250	4.499	4.504	0.468	41	• 415207	S	4.375	5.999	6.007	0.625	41
<b>415138<sup>RC</sup></b>	<b>S</b>	<b>4.750</b>	<b>5.750</b>	<b>5.756</b>	<b>0.500</b>	<b>41</b>	• 415209	S	4.500	5.999	6.007	0.625	41
• 415138N	N	4.750	5.750	5.756	0.500	41	• 415209N	N	4.500	5.999	6.007	0.625	41
• 415140	S	5.375	6.749	6.757	0.625	41	• 415211	S	4.625	6.001	6.007	0.625	41
<b>415142<sup>RC</sup></b>	<b>S</b>	<b>4.125</b>	<b>5.251</b>	<b>5.256</b>	<b>0.468</b>	<b>41</b>	• 415213	S	4.750	5.999	6.007	0.625	41
• 415144	S	2.875	4.499	4.504	0.468	41	415213N <sup>RC</sup>	N	4.750	5.999	6.007	0.625	41
• 415145	S	3.125	4.499	4.504	0.468	41	415219 <sup>RC</sup>	S	9.250	11.250	11.260	0.750	41
• 415145N	N	3.125	4.499	4.504	0.468	41	415227 <sup>RC</sup>	S	10.500	12.500	12.508	1.000	41
• 415145V	V	3.125	4.499	4.504	0.468	41	<b>415234<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.623</b>	<b>3.628</b>	<b>0.468</b>	<b>41</b>
415146 <sup>RC</sup>	S	3.500	4.499	4.504	0.468	41	• 415244	S	2.562	3.751	3.756	0.500	41
• 415146N	N	3.500	4.499	4.504	0.468	41	• 415244N	N	2.562	3.751	3.756	0.500	41
415147 <sup>RC</sup>	S	2.500	3.500	3.505	0.500	41	• 415245	S	3.125	4.751	4.756	0.625	41
415147N <sup>RC</sup>	N	2.500	3.500	3.505	0.500	41	• 415245N	N	3.125	4.751	4.756	0.625	41
• 415148	S	3.875	5.251	5.256	0.468	41	• 415248	S	2.375	3.543	3.548	0.500	41
• 415149	S	2.625	3.751	3.756	0.500	41	415248N <sup>RC</sup>	N	2.375	3.543	3.548	0.500	41
• 415149V	V	2.625	3.751	3.756	0.500	41	415254 <sup>RC</sup>	S	2.250	4.003	4.008	0.468	41
<b>415150<sup>RC</sup></b>	<b>S</b>	<b>3.750</b>	<b>5.251</b>	<b>5.256</b>	<b>0.468</b>	<b>41</b>	<b>415259<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.751</b>	<b>3.756</b>	<b>0.500</b>	<b>41</b>
• 415152	S	2.875	4.125	4.130	0.562	41	• 415262	S	3.500	5.501	5.506	0.562	41
• 415154	S	3.000	4.125	4.130	0.562	41	415263 <sup>RC</sup>	S	3.937	5.376	5.381	0.500	41
• 415156	S	3.125	4.125	4.130	0.562	41	• 415265	S	3.250	4.751	4.756	0.625	41
415156N <sup>RC</sup>	N	3.125	4.125	4.130	0.562	41	• 415265N	N	3.250	4.751	4.756	0.625	41
• 415158	S	3.000	4.376	4.381	0.625	41	• 415269	S	3.687	5.501	5.506	0.562	41
• 415158N	N	3.000	4.376	4.381	0.625	41	• 415271	S	5.000	5.999	6.007	0.625	41
• 415160	S	3.125	4.376	4.381	0.625	41	• 415271N	N	5.000	5.999	6.007	0.625	41

NUMERIC SECTION



# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
415272	S	2.750	4.003	4.008	0.468	41	• 415423	S	3.750	5.501	5.506	0.562	41
415272N <sup>RC</sup>	N	2.750	4.003	4.008	0.468	41	415425 <sup>RC</sup>	S	4.375	5.376	5.381	0.500	41
• 415273	S	5.500	6.499	6.507	0.625	41	• 415425V	V	4.375	5.376	5.381	0.500	41
• 415273N	N	5.500	6.499	6.507	0.625	41	415436 <sup>RC</sup>	S	3.625	5.751	5.756	0.562	41
415281N <sup>RC</sup>	N	3.000	3.751	3.756	0.500	41	<b>415437<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>4.751</b>	<b>4.756</b>	<b>0.500</b>	<b>41</b>
• 415281V	V	3.000	3.751	3.756	0.500	41	415442 <sup>RC</sup>	S	3.375	4.125	4.130	0.375	41
415284 <sup>RC</sup>	S	4.687	5.751	5.756	0.500	41	415447 <sup>RC</sup>	S	5.750	6.624	6.632	0.625	41
415294 <sup>RC</sup>	S	6.500	7.500	7.508	0.562	41	<b>415449<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
<b>415295<sup>RC</sup></b>	<b>S</b>	<b>4.187</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>41</b>	• 415449N	N	2.500	3.500	3.505	0.375	41
• 415296	S	2.625	4.003	4.008	0.468	41	415449V <sup>RC</sup>	V	2.500	3.500	3.505	0.375	41
• 415296N	N	2.625	4.003	4.008	0.468	41	<b>415458<sup>RC</sup></b>	<b>S</b>	<b>2.625</b>	<b>3.623</b>	<b>3.628</b>	<b>0.375</b>	<b>41</b>
<b>415302<sup>RC</sup></b>	<b>S</b>	<b>2.562</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>	415458V <sup>RC</sup>	V	2.625	3.623	3.628	0.375	41
<b>415303<sup>RC</sup></b>	<b>S</b>	<b>2.875</b>	<b>3.623</b>	<b>3.628</b>	<b>0.375</b>	<b>41</b>	• 415460	S	5.000	7.500	7.507	0.562	41
415304 <sup>RC</sup>	S	3.250	4.249	4.254	0.500	41	• 415460N	N	5.000	7.500	7.507	0.562	41
• 415304N	N	3.250	4.249	4.254	0.500	41	• 415461	S	5.375	6.499	6.507	0.625	41
• 415304V	V	3.250	4.249	4.254	0.500	41	• 415461N	N	5.375	6.499	6.507	0.625	41
• 415312	S	5.000	6.374	6.382	0.625	41	• 415479	S	3.000	3.876	3.881	0.468	41
• 415315	S	2.750	3.623	3.628	0.468	41	• 415479N	N	3.000	3.876	3.881	0.468	41
• 415315N	N	2.750	3.623	3.628	0.468	41	415482 <sup>RC</sup>	S	11.000	13.000	13.010	0.750	41
415317	S	7.375	9.000	9.010	0.750	41	<b>415483<sup>RC</sup></b>	<b>S</b>	<b>2.625</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
• 415319	S	3.500	5.126	5.131	0.625	41	• 415487	S	5.625	6.625	6.631	0.625	41
• 415319N	N	3.500	5.126	5.131	0.625	41	• 415487N	N	5.625	6.625	6.631	0.625	41
415327 <sup>RC</sup>	S	6.750	8.000	8.009	0.625	41	• 415495	S	5.125	6.499	6.507	0.625	41
• 415328	S	3.250	5.251	5.256	0.468	41	<b>415498</b>	<b>S</b>	<b>3.562</b>	<b>4.499</b>	<b>4.504</b>	<b>0.468</b>	<b>41</b>
• 415342	S	4.500	5.876	5.881	0.625	41	• 415513	S	4.000	5.626	5.631	0.500	41
• 415345N	N	2.500	3.500	3.505	0.375	41	• 415526N	N	3.000	3.876	3.881	0.500	41
415345V	V	2.500	3.500	3.505	0.375	41	• 415547	S	3.875	5.126	5.131	0.625	41
• 415347	S	2.937	3.876	3.881	0.468	41	415551 <sup>RC</sup>	S	7.500	9.000	9.010	0.750	41
• 415347N	N	2.937	3.876	3.881	0.468	41	415551V <sup>RC</sup>	V	7.500	9.000	9.010	0.750	41
415349 <sup>RC</sup>	S	2.125	3.543	3.548	0.500	41	<b>415559<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>5.251</b>	<b>5.256</b>	<b>0.468</b>	<b>41</b>
• 415349N	N	2.125	3.543	3.548	0.500	41	415563 <sup>RC</sup>	S	3.250	4.003	4.008	0.468	41
• 415349V	V	2.125	3.543	3.548	0.500	41	• 415563N	N	3.250	4.003	4.008	0.468	41
<b>415350<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>3.623</b>	<b>3.628</b>	<b>0.468</b>	<b>41</b>	• 415566	S	3.250	4.125	4.130	0.562	41
<b>415351<sup>RC</sup></b>	<b>S</b>	<b>4.500</b>	<b>6.250</b>	<b>6.256</b>	<b>0.500</b>	<b>41</b>	• 415566N	N	3.250	4.125	4.130	0.562	41
• 415355	S	2.875	3.876	3.881	0.468	41	• 415566V	V	3.250	4.125	4.130	0.562	41
• 415355N	N	2.875	3.876	3.881	0.468	41	• 415573	S	4.375	6.127	6.132	0.625	41
• 415356	S	2.937	4.499	4.504	0.468	41	<b>415577<sup>RC</sup></b>	<b>S</b>	<b>3.250</b>	<b>4.723</b>	<b>4.729</b>	<b>0.468</b>	<b>41</b>
• 415356N	N	2.937	4.499	4.504	0.468	41	• 415577N	N	3.250	4.723	4.729	0.468	41
• 415356V	V	2.937	4.499	4.504	0.468	41	415610 <sup>RC</sup>	S	5.500	7.000	7.007	0.625	41
• 415363	S	5.750	6.749	6.756	0.625	41	• 415613	S	3.375	4.249	4.254	0.625	41
• 415364	S	2.750	3.500	3.505	0.500	41	415627 <sup>RC</sup>	S	2.000	3.500	3.505	0.500	41
• 415368	S	2.625	3.500	3.505	0.500	41	• 415634	S	4.625	5.751	5.756	0.500	41
• 415368N	N	2.625	3.500	3.505	0.500	41	• 415636	S	2.187	3.500	3.505	0.500	41
• 415369	S	2.500	3.623	3.628	0.468	41	<b>415645<sup>RC</sup></b>	<b>S</b>	<b>5.250</b>	<b>6.500</b>	<b>6.507</b>	<b>0.562</b>	<b>41</b>
• 415369N	N	2.500	3.623	3.628	0.468	41	• 415655	S	2.500	4.003	4.008	0.468	41
<b>415371<sup>RC</sup></b>	<b>S</b>	<b>4.625</b>	<b>5.751</b>	<b>5.756</b>	<b>0.562</b>	<b>41</b>	415656 <sup>RC</sup>	S	8.000	9.000	9.010	0.750	41
• 415371N	N	4.625	5.751	5.756	0.562	41	• 415659	S	2.125	3.500	3.505	0.500	41
• 415377	S	5.000	6.499	6.507	0.625	41	<b>415683<sup>RC</sup></b>	<b>S</b>	<b>6.000</b>	<b>7.000</b>	<b>7.007</b>	<b>0.500</b>	<b>41</b>
<b>415379<sup>RC</sup></b>	<b>S</b>	<b>3.750</b>	<b>4.751</b>	<b>4.756</b>	<b>0.500</b>	<b>41</b>	<b>415697<sup>RC</sup></b>	<b>S</b>	<b>3.875</b>	<b>5.125</b>	<b>5.131</b>	<b>0.500</b>	<b>41</b>
• 415379N	N	3.750	4.751	4.756	0.500	41	415711 <sup>RC</sup>	S	3.562	4.625	4.631	0.500	41
415379V <sup>RC</sup>	V	3.750	4.751	4.756	0.500	41	• 415712	S	4.250	5.251	5.256	0.625	41
• 415380N	N	2.375	3.623	3.628	0.468	41	<b>415725<sup>RC</sup></b>	<b>S</b>	<b>5.000</b>	<b>6.001</b>	<b>6.007</b>	<b>0.500</b>	<b>41</b>
<b>415389<sup>RC</sup></b>	<b>S</b>	<b>3.625</b>	<b>4.499</b>	<b>4.504</b>	<b>0.468</b>	<b>41</b>	• 415725N	N	5.000	6.001	6.007	0.500	41
415389N	N	3.625	4.499	4.504	0.468	41	• 415733	S	2.750	3.751	3.756	0.437	41
<b>415394<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>5.251</b>	<b>5.256</b>	<b>0.468</b>	<b>41</b>	<b>415832<sup>RC</sup></b>	<b>S</b>	<b>3.625</b>	<b>5.375</b>	<b>5.381</b>	<b>0.500</b>	<b>41</b>
• 415396	S	3.500	5.751	5.756	0.562	41	415836 <sup>RC</sup>	S	3.000	4.003	4.008	0.437	41

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
415836 <sup>RC</sup>	N	3.000	4.003	4.008	0.437	41	<b>416071<sup>RC</sup></b>	S	<b>2.375</b>	<b>3.751</b>	<b>3.756</b>	<b>0.500</b>	<b>41</b>
415836 <sup>RC</sup>	V	3.000	4.003	4.008	0.437	41	416077 <sup>RC</sup>	S	7.125	8.625	8.632	0.562	41
• 415852	S	3.750	5.751	5.756	0.562	41	<b>416107<sup>RC</sup></b>	S	<b>5.500</b>	<b>6.750</b>	<b>6.758</b>	<b>0.575</b>	<b>41</b>
415854 <sup>RC</sup>	S	6.250	7.875	7.881	0.750	41	• 416107V	V	5.500	6.750	6.758	0.575	41
415857 <sup>RC</sup>	S	2.375	3.601	3.606	0.437	41	416112 <sup>RC</sup>	S	5.375	7.874	7.881	0.750	41
415867 <sup>RC</sup>	S	7.500	8.500	8.509	0.625	41	• 416112N	N	5.375	7.874	7.881	0.750	41
415871 <sup>RC</sup>	S	9.375	11.375	11.385	0.750	41	• 416113V	V	3.562	4.500	4.506	0.500	41
415876 <sup>RC</sup>	S	7.000	9.313	9.321	0.625	41	<b>416125<sup>RC</sup></b>	S	<b>3.625</b>	<b>4.999</b>	<b>5.004</b>	<b>0.500</b>	<b>41</b>
415876V <sup>RC</sup>	V	7.000	9.313	9.321	0.625	41	<b>416127<sup>RC</sup></b>	S	<b>3.750</b>	<b>5.376</b>	<b>5.381</b>	<b>0.500</b>	<b>41</b>
<b>415894<sup>RC</sup></b>	S	<b>3.375</b>	<b>4.376</b>	<b>4.381</b>	<b>0.500</b>	<b>41</b>	• 416128	S	3.875	5.501	5.506	0.562	41
415897 <sup>RC</sup>	S	5.000	6.877	6.884	0.625	41	<b>416130<sup>RC</sup></b>	S	<b>4.000</b>	<b>5.376</b>	<b>5.381</b>	<b>0.500</b>	<b>41</b>
• 415897N	N	5.000	6.877	6.884	0.625	41	<b>416135<sup>RC</sup></b>	S	<b>4.250</b>	<b>5.626</b>	<b>5.631</b>	<b>0.500</b>	<b>41</b>
• 415899	S	3.500	4.375	4.381	0.562	41	• 416136	S	4.250	5.876	5.881	0.625	41
415899N <sup>RC</sup>	N	3.500	4.375	4.381	0.562	41	• 416136N	N	4.250	5.876	5.881	0.625	41
• 415920	S	5.625	6.625	6.631	0.500	41	<b>416137<sup>RC</sup></b>	S	<b>4.250</b>	<b>5.999</b>	<b>6.005</b>	<b>0.500</b>	<b>41</b>
<b>415937<sup>RC</sup></b>	S	<b>3.625</b>	<b>4.751</b>	<b>4.756</b>	<b>0.500</b>	<b>41</b>	<b>416144<sup>RC</sup></b>	S	<b>4.312</b>	<b>5.999</b>	<b>6.005</b>	<b>0.500</b>	<b>41</b>
<b>415938<sup>RC</sup></b>	S	<b>5.375</b>	<b>6.624</b>	<b>6.632</b>	<b>0.562</b>	<b>41</b>	416147 <sup>RC</sup>	S	4.375	5.626	5.631	0.500	41
415953 <sup>RC</sup>	S	4.000	4.999	5.004	0.500	41	<b>416149<sup>RC</sup></b>	S	<b>4.375</b>	<b>5.999</b>	<b>6.005</b>	<b>0.500</b>	<b>41</b>
• 415953N	N	4.000	4.999	5.004	0.500	41	<b>416153<sup>RC</sup></b>	S	<b>4.500</b>	<b>5.625</b>	<b>5.631</b>	<b>0.500</b>	<b>41</b>
415953V <sup>RC</sup>	V	4.000	4.999	5.004	0.500	41	• 416153V	V	4.500	5.625	5.631	0.500	41
415958 <sup>RC</sup>	S	3.875	5.376	5.381	0.500	41	<b>416154<sup>RC</sup></b>	S	<b>4.500</b>	<b>5.999</b>	<b>6.007</b>	<b>0.500</b>	<b>41</b>
<b>415960<sup>RC</sup></b>	S	<b>2.750</b>	<b>3.876</b>	<b>3.881</b>	<b>0.375</b>	<b>41</b>	416156 <sup>RC</sup>	S	4.625	5.625	5.631	0.500	41
415962 <sup>RC</sup>	S	3.000	4.331	4.336	0.500	41	<b>416158<sup>RC</sup></b>	S	<b>4.625</b>	<b>5.999</b>	<b>6.007</b>	<b>0.500</b>	<b>41</b>
415963N	N	3.750	4.751	4.756	0.484	41	<b>416163<sup>RC</sup></b>	S	<b>4.812</b>	<b>5.999</b>	<b>6.007</b>	<b>0.500</b>	<b>41</b>
• 415963V	V	3.750	4.751	4.756	0.484	41	<b>416167<sup>RC</sup></b>	S	<b>4.875</b>	<b>5.999</b>	<b>6.007</b>	<b>0.500</b>	<b>41</b>
• 415970	S	4.625	6.125	6.131	0.562	41	• 416167N	N	4.875	5.999	6.007	0.500	41
• 415971	S	2.375	3.500	3.505	0.703	41	• 416172	S	5.125	6.125	6.131	0.562	41
• 415972	S	2.562	3.624	3.629	0.703	41	• 416173	S	5.125	6.250	6.256	0.562	41
415983 <sup>RC</sup>	S	3.750	4.499	4.506	0.468	41	• 416173N	N	5.125	6.250	6.256	0.562	41
415983N <sup>RC</sup>	N	3.750	4.499	4.506	0.468	41	• 416176	S	5.000	7.000	7.008	0.625	41
415983V	V	3.750	4.499	4.506	0.468	41	• 416189	S	5.500	6.624	6.631	0.625	41
<b>415984<sup>RC</sup></b>	S	<b>2.750</b>	<b>3.623</b>	<b>3.628</b>	<b>0.375</b>	<b>41</b>	• 416190	S	5.500	6.874	6.882	0.625	41
<b>415988<sup>RC</sup></b>	S	<b>2.562</b>	<b>3.623</b>	<b>3.628</b>	<b>0.375</b>	<b>41</b>	416191 <sup>RC</sup>	S	5.500	7.125	7.133	0.625	41
<b>415991<sup>RC</sup></b>	S	<b>3.500</b>	<b>4.501</b>	<b>4.506</b>	<b>0.468</b>	<b>41</b>	• 416196	S	5.500	8.000	8.009	0.750	41
<b>415991N<sup>RC</sup></b>	N	<b>3.500</b>	<b>4.501</b>	<b>4.506</b>	<b>0.468</b>	<b>41</b>	• 416214	S	5.750	6.874	6.882	0.625	41
415991V <sup>RC</sup>	V	3.500	4.501	4.506	0.468	41	• 416215	S	5.750	7.125	7.133	0.625	41
<b>415995<sup>RC</sup></b>	S	<b>3.000</b>	<b>4.003</b>	<b>4.008</b>	<b>0.375</b>	<b>41</b>	• 416219	S	6.000	7.125	7.133	0.625	41
• 415995N	N	3.000	4.003	4.008	0.375	41	• 416219N	N	6.000	7.125	7.133	0.625	41
415995V <sup>RC</sup>	V	3.000	4.003	4.008	0.375	41	416229 <sup>RC</sup>	S	6.500	8.000	8.009	0.625	41
416008 <sup>RC</sup>	S	6.750	8.500	8.509	0.625	41	416239 <sup>RC</sup>	S	7.000	8.500	8.509	0.625	41
<b>416011<sup>RC</sup></b>	S	<b>3.125</b>	<b>4.125</b>	<b>4.130</b>	<b>0.500</b>	<b>41</b>	• 416239V	V	7.000	8.500	8.509	0.625	41
• 416011V	V	3.125	4.125	4.130	0.500	41	416257 <sup>RC</sup>	S	9.250	11.000	11.008	0.750	41
<b>416024<sup>RC</sup></b>	S	<b>3.125</b>	<b>4.751</b>	<b>4.756</b>	<b>0.500</b>	<b>41</b>	<b>416267<sup>RC</sup></b>	S	<b>2.125</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
• 416026	S	3.000	4.249	4.254	0.500	41	<b>416268<sup>RC</sup></b>	S	<b>2.187</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
416029 <sup>RC</sup>	S	5.750	7.874	7.881	0.750	41	• 416269	S	2.187	3.543	3.548	0.500	41
<b>416029N<sup>RC</sup></b>	N	<b>5.750</b>	<b>7.874</b>	<b>7.881</b>	<b>0.750</b>	<b>41</b>	416270 <sup>RC</sup>	S	2.250	3.543	3.548	0.500	41
• 416037	S	3.908	4.875	4.881	0.500	41	<b>416271<sup>RC</sup></b>	S	<b>2.375</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
<b>416039<sup>RC</sup></b>	S	<b>5.750</b>	<b>7.500</b>	<b>7.508</b>	<b>0.562</b>	<b>41</b>	• 416271N	N	2.375	3.500	3.505	0.375	41
<b>416041<sup>RC</sup></b>	S	<b>3.750</b>	<b>4.626</b>	<b>4.632</b>	<b>0.500</b>	<b>41</b>	<b>416273<sup>RC</sup></b>	S	<b>2.500</b>	<b>3.623</b>	<b>3.628</b>	<b>0.375</b>	<b>41</b>
416043 <sup>RC</sup>	S	3.875	5.751	5.756	0.562	41	• 416275	S	2.875	3.623	3.628	0.468	41
416044 <sup>RC</sup>	S	7.250	8.250	8.257	0.625	41	• 416275N	N	2.875	3.623	3.628	0.468	41
<b>416047<sup>RC</sup></b>	S	<b>3.625</b>	<b>4.625</b>	<b>4.631</b>	<b>0.500</b>	<b>41</b>	416278 <sup>RC</sup>	S	2.625	4.249	4.254	0.468	41
• 416049N	N	5.125	6.874	6.882	0.625	41	<b>416282<sup>RC</sup></b>	S	<b>2.750</b>	<b>4.249</b>	<b>4.254</b>	<b>0.468</b>	<b>41</b>
• 416055	S	6.000	7.000	7.008	0.625	41	• 416283	S	2.750	4.249	4.254	0.500	41
• 416055N	N	6.000	7.000	7.008	0.625	41	<b>416285<sup>RC</sup></b>	S	<b>2.875</b>	<b>4.249</b>	<b>4.254</b>	<b>0.500</b>	<b>41</b>
<b>416070<sup>RC</sup></b>	S	<b>4.500</b>	<b>6.125</b>	<b>6.131</b>	<b>0.562</b>	<b>41</b>	• 416286	S	2.875	4.249	4.254	0.625	41

<sup>RC</sup>Redicoat® • Non Stock Item - Special Order

**Numerical List Size & Type**
**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
• 416287	S	3.125	4.249	4.254	0.468	41	416657 <sup>RC</sup>	S	8.875	10.122	10.130	0.750	41
• 416287N	N	3.125	4.249	4.254	0.468	41	<b>416664<sup>RC</sup></b>	<b>S</b>	<b>2.750</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>
• 416287V	V	3.125	4.249	4.254	0.468	41	416664V <sup>RC</sup>	V	2.750	3.500	3.505	0.375	41
<b>416288<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>4.249</b>	<b>4.254</b>	<b>0.500</b>	<b>41</b>	<b>416666<sup>RC</sup></b>	<b>S</b>	<b>5.750</b>	<b>7.001</b>	<b>7.008</b>	<b>0.562</b>	<b>41</b>
• 416289	S	3.125	4.376	4.381	0.562	41	• 416666V	V	5.750	7.001	7.008	0.562	41
• 416290	S	3.250	4.376	4.381	0.562	41	416670 <sup>RC</sup>	S	3.687	5.250	5.256	0.468	41
416292 <sup>RC</sup>	S	3.312	4.249	4.254	0.500	41	• 416670N	N	3.687	5.250	5.256	0.468	41
<b>416294<sup>RC</sup></b>	<b>S</b>	<b>3.375</b>	<b>4.249</b>	<b>4.254</b>	<b>0.500</b>	<b>41</b>	• 416673	S	4.187	6.000	6.007	0.625	41
• 416294N	N	3.375	4.249	4.254	0.500	41	• 416673N	N	4.187	6.000	6.007	0.625	41
416294V <sup>RC</sup>	V	3.375	4.249	4.254	0.500	41	416674V <sup>RC</sup>	V	7.000	8.375	8.382	0.750	41
<b>416297<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>4.626</b>	<b>4.631</b>	<b>0.437</b>	<b>41</b>	<b>416706<sup>RC</sup></b>	<b>S</b>	<b>2.750</b>	<b>4.003</b>	<b>4.008</b>	<b>0.375</b>	<b>41</b>
• 416304	S	3.250	4.626	4.631	0.625	41	• 416706N	N	2.750	4.003	4.008	0.375	41
• 416309	S	3.250	4.999	5.004	0.500	41	<b>416738<sup>RC</sup></b>	<b>S</b>	<b>2.062</b>	<b>3.190</b>	<b>3.194</b>	<b>0.437</b>	<b>41</b>
416313 <sup>RC</sup>	S	3.312	4.751	4.756	0.500	41	416775 <sup>RC</sup>	S	2.937	4.250	4.254	0.468	41
416321 <sup>RC</sup>	S	3.375	4.751	4.756	0.500	41	• 416795N	N	2.375	4.330	4.335	0.500	41
• 416323	S	3.375	4.751	4.756	0.625	41	<b>416865<sup>RC</sup></b>	<b>S</b>	<b>5.000</b>	<b>6.250</b>	<b>6.256</b>	<b>0.500</b>	<b>41</b>
416327 <sup>RC</sup>	S	3.375	5.251	5.256	0.468	41	• 416865N	N	5.000	6.251	6.256	0.500	41
• 416331N	N	3.500	4.999	5.004	0.500	41	416865V <sup>RC</sup>	V	5.000	6.250	6.256	0.500	41
<b>416332<sup>RC</sup></b>	<b>S</b>	<b>3.625</b>	<b>4.625</b>	<b>4.631</b>	<b>0.437</b>	<b>41</b>	• 416866	S	4.750	6.250	6.256	0.500	41
• 416333	S	3.625	4.751	4.756	0.484	41	<b>416888<sup>RC</sup></b>	<b>S</b>	<b>4.500</b>	<b>5.500</b>	<b>5.506</b>	<b>0.500</b>	<b>41</b>
• 416335	S	3.625	5.251	5.256	0.468	41	416888V <sup>RC</sup>	V	4.500	5.500	5.507	0.500	41
• 416335N	N	3.625	5.251	5.256	0.468	41	<b>416891<sup>RC</sup></b>	<b>S</b>	<b>4.250</b>	<b>5.500</b>	<b>5.506</b>	<b>0.500</b>	<b>41</b>
• 416335V	V	3.625	5.251	5.256	0.468	41	<b>416892<sup>RC</sup></b>	<b>S</b>	<b>4.500</b>	<b>5.750</b>	<b>5.756</b>	<b>0.500</b>	<b>41</b>
<b>416339<sup>RC</sup></b>	<b>S</b>	<b>3.750</b>	<b>4.999</b>	<b>5.004</b>	<b>0.500</b>	<b>41</b>	416919 <sup>RC</sup>	S	3.687	4.501	4.506	0.500	41
• 416339N	N	3.750	4.999	5.004	0.500	41	416919N <sup>RC</sup>	N	3.687	4.501	4.506	0.500	41
• 416342	S	3.875	4.626	4.631	0.625	41	<b>416921<sup>RC</sup></b>	<b>S</b>	<b>2.875</b>	<b>4.003</b>	<b>4.008</b>	<b>0.375</b>	<b>41</b>
• 416342N	N	3.875	4.626	4.631	0.625	41	416951 <sup>RC</sup>	S	8.250	10.625	10.633	0.750	41
<b>416345<sup>RC</sup></b>	<b>S</b>	<b>3.875</b>	<b>4.999</b>	<b>5.004</b>	<b>0.500</b>	<b>41</b>	416956 <sup>RC</sup>	S	2.937	3.751	3.756	0.375	41
• 416350	S	3.937	4.999	5.004	0.500	41	• 416961	S	2.750	4.331	4.336	0.500	41
416362	S	6.750	8.007	8.017	0.625	41	• 416961N	N	2.750	4.331	4.336	0.500	41
416364 <sup>RC</sup>	S	7.000	8.000	8.009	0.625	41	• 416977	S	5.125	6.877	6.884	0.625	41
• 416365	S	3.437	4.501	4.506	0.468	41	417016 <sup>RC</sup>	S	7.875	10.000	10.008	0.625	41
<b>416370<sup>RC</sup></b>	<b>S</b>	<b>3.000</b>	<b>4.751</b>	<b>4.756</b>	<b>0.625</b>	<b>41</b>	417020 <sup>RC</sup>	S	10.000	12.000	12.008	0.625	41
<b>416380<sup>RC</sup></b>	<b>S</b>	<b>4.375</b>	<b>5.500</b>	<b>5.506</b>	<b>0.500</b>	<b>41</b>	417022 <sup>RC</sup>	S	8.375	10.375	10.385	0.625	41
416381 <sup>RC</sup>	S	9.625	12.750	12.758	1.250	41	<b>417040<sup>RC</sup></b>	<b>S</b>	<b>5.625</b>	<b>7.125</b>	<b>7.131</b>	<b>0.500</b>	<b>41</b>
416383 <sup>RC</sup>	S	10.750	13.374	13.381	1.250	41	417073 <sup>RC</sup>	S	2.437	3.543	3.548	0.375	41
• 416389	S	3.625	5.501	5.506	0.562	41	<b>417079<sup>RC</sup></b>	<b>S</b>	<b>2.625</b>	<b>3.543</b>	<b>3.548</b>	<b>0.375</b>	<b>41</b>
416394 <sup>RC</sup>	S	8.500	10.625	10.633	0.750	41	<b>417082<sup>RC</sup></b>	<b>S</b>	<b>2.625</b>	<b>4.003</b>	<b>4.008</b>	<b>0.375</b>	<b>41</b>
<b>416404<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>4.003</b>	<b>4.008</b>	<b>0.375</b>	<b>41</b>	417115 <sup>RC</sup>	S	7.750	10.000	10.008	0.750	41
• 416404V	V	3.125	4.003	4.008	0.375	41	• 417123	S	4.000	6.312	6.318	0.500	41
• 416414	S	3.500	4.500	4.506	0.500	41	<b>417134<sup>RC</sup></b>	<b>S</b>	<b>2.875</b>	<b>4.125</b>	<b>4.130</b>	<b>0.375</b>	<b>41</b>
416422 <sup>RC</sup>	S	8.250	11.500	11.507	0.750	41	<b>417158<sup>RC</sup></b>	<b>S</b>	<b>2.875</b>	<b>3.876</b>	<b>3.881</b>	<b>0.375</b>	<b>41</b>
• 416426N	N	2.875	4.331	4.336	0.500	41	<b>417159<sup>RC</sup></b>	<b>S</b>	<b>2.937</b>	<b>3.876</b>	<b>3.881</b>	<b>0.375</b>	<b>41</b>
<b>416444<sup>RC</sup></b>	<b>S</b>	<b>2.312</b>	<b>3.500</b>	<b>3.505</b>	<b>0.375</b>	<b>41</b>	417159V <sup>RC</sup>	V	2.937	3.876	3.881	0.375	41
416470N <sup>RC</sup>	N	3.250	4.249	4.254	0.375	41	<b>417171<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>4.375</b>	<b>4.381</b>	<b>0.500</b>	<b>41</b>
<b>416476<sup>RC</sup></b>	<b>S</b>	<b>5.875</b>	<b>7.125</b>	<b>7.133</b>	<b>0.500</b>	<b>41</b>	<b>417172<sup>RC</sup></b>	<b>S</b>	<b>3.125</b>	<b>4.500</b>	<b>4.506</b>	<b>0.500</b>	<b>41</b>
<b>416500<sup>RC</sup></b>	<b>S</b>	<b>2.937</b>	<b>3.937</b>	<b>3.942</b>	<b>0.500</b>	<b>41</b>	<b>417181<sup>RC</sup></b>	<b>S</b>	<b>3.250</b>	<b>4.376</b>	<b>4.381</b>	<b>0.500</b>	<b>41</b>
• 416500N	N	2.937	3.937	3.942	0.500	41	<b>417191<sup>RC</sup></b>	<b>S</b>	<b>3.375</b>	<b>4.500</b>	<b>4.506</b>	<b>0.500</b>	<b>41</b>
<b>416556<sup>RC</sup></b>	<b>S</b>	<b>4.250</b>	<b>5.250</b>	<b>5.256</b>	<b>0.500</b>	<b>41</b>	• 417191V	V	3.375	4.500	4.506	0.500	41
<b>416557<sup>RC</sup></b>	<b>S</b>	<b>5.125</b>	<b>6.125</b>	<b>6.131</b>	<b>0.500</b>	<b>41</b>	<b>417196<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>4.625</b>	<b>4.631</b>	<b>0.500</b>	<b>41</b>
• 416621	S	4.875	6.000	6.006	0.562	41	• 417196V	V	3.500	4.625	4.631	0.500	41
• 416621N	N	4.875	6.000	6.006	0.562	41	<b>417198<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>4.875</b>	<b>4.881</b>	<b>0.500</b>	<b>41</b>
<b>416624<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>4.376</b>	<b>4.381</b>	<b>0.500</b>	<b>41</b>	<b>417205<sup>RC</sup></b>	<b>S</b>	<b>3.750</b>	<b>4.875</b>	<b>4.881</b>	<b>0.500</b>	<b>41</b>
416624N <sup>RC</sup>	N	3.500	4.376	4.381	0.500	41	<b>417210<sup>RC</sup></b>	<b>S</b>	<b>3.875</b>	<b>4.751</b>	<b>4.756</b>	<b>0.375</b>	<b>41</b>
• 416624V	V	3.500	4.376	4.381	0.500	41	<b>417211<sup>RC</sup></b>	<b>S</b>	<b>3.875</b>	<b>4.875</b>	<b>4.881</b>	<b>0.500</b>	<b>41</b>
<b>416654<sup>RC</sup></b>	<b>S</b>	<b>2.937</b>	<b>4.003</b>	<b>4.008</b>	<b>0.375</b>	<b>41</b>	<b>417223<sup>RC</sup></b>	<b>S</b>	<b>4.000</b>	<b>6.250</b>	<b>6.256</b>	<b>0.500</b>	<b>41</b>

**NUMERIC SECTION**

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>410000 SERIES (cont.)</b>						
417238 <sup>RC</sup>	S	4.312	6.250	6.256	0.500	41	417491 <sup>RC</sup>	S	3.312	4.376	4.381	0.500	41
• 417246	S	4.625	6.250	6.256	0.500	41	417492 <sup>RC</sup>	S	3.437	4.501	4.506	0.375	41
417247 <sup>RC</sup>	S	4.750	6.001	6.007	0.500	41	417492V <sup>RC</sup>	V	3.437	4.501	4.506	0.375	47
417252 <sup>RC</sup>	S	4.750	6.125	6.131	0.500	41	417493 <sup>RC</sup>	S	3.437	4.626	4.631	0.500	41
417254 <sup>RC</sup>	S	5.500	6.500	6.507	0.562	41	• 417493V	V	3.437	4.626	4.631	0.500	41
• 417254N	N	5.500	6.500	6.507	0.562	41	417494 <sup>RC</sup>	S	3.437	4.876	4.881	0.500	41
417255 <sup>RC</sup>	S	7.000	8.375	8.382	0.625	41	417495 <sup>RC</sup>	S	3.500	5.126	5.131	0.500	41
417258 <sup>RC</sup>	S	5.125	6.250	6.256	0.500	41	417496 <sup>RC</sup>	S	3.500	5.500	5.505	0.500	41
417262 <sup>RC</sup>	S	5.250	6.250	6.256	0.500	41	417497 <sup>RC</sup>	S	3.562	4.751	4.756	0.500	41
417262V <sup>RC</sup>	V	5.250	6.250	6.256	0.500	41	417498 <sup>RC</sup>	S	3.562	4.876	4.881	0.500	41
417267 <sup>RC</sup>	S	4.875	6.125	6.131	0.500	41	417499 <sup>RC</sup>	S	3.625	5.251	5.256	0.437	41
417269 <sup>RC</sup>	S	4.875	6.250	6.256	0.500	41	417500 <sup>RC</sup>	S	3.625	5.501	5.506	0.500	41
417273 <sup>RC</sup>	S	4.937	6.250	6.256	0.500	41	• 417500V	V	3.625	5.501	5.506	0.500	41
417278 <sup>RC</sup>	S	5.000	6.375	6.381	0.500	41	417501 <sup>RC</sup>	S	3.687	4.750	4.756	0.500	41
417295 <sup>RC</sup>	S	4.437	5.500	5.506	0.500	41	417502 <sup>RC</sup>	S	3.687	5.501	5.506	0.500	41
417298 <sup>RC</sup>	S	6.625	8.125	8.134	0.625	41	417503 <sup>RC</sup>	S	3.750	5.501	5.506	0.500	41
417316 <sup>RC</sup>	S	2.750	3.751	3.756	0.375	41	417504 <sup>RC</sup>	S	3.812	4.876	4.881	0.500	41
• 417316N	N	2.750	3.751	3.756	0.375	41	417505 <sup>RC</sup>	S	3.875	5.501	5.506	0.500	41
417316V <sup>RC</sup>	V	2.751	3.751	3.756	0.375	41	417506 <sup>RC</sup>	S	3.937	5.501	5.506	0.500	41
417343 <sup>RC</sup>	S	2.625	3.751	3.756	0.375	41	417507 <sup>RC</sup>	S	4.000	5.626	5.632	0.375	41
417344 <sup>RC</sup>	S	2.875	3.751	3.756	0.375	41	417509 <sup>RC</sup>	S	4.000	5.999	6.005	0.500	41
417349 <sup>RC</sup>	S	3.000	3.751	3.756	0.437	41	417511 <sup>RC</sup>	S	4.125	5.126	5.132	0.500	41
417349V <sup>RC</sup>	V	3.000	3.751	3.756	0.437	41	417512 <sup>RC</sup>	S	4.125	5.501	5.506	0.500	41
417350 <sup>RC</sup>	S	3.000	3.876	3.881	0.437	41	417513 <sup>RC</sup>	S	4.187	5.501	5.506	0.500	41
417351 <sup>RC</sup>	S	3.000	4.125	4.130	0.437	41	417514 <sup>RC</sup>	S	4.187	5.751	5.756	0.500	41
417352 <sup>RC</sup>	S	3.250	4.500	4.506	0.500	41	417515 <sup>RC</sup>	S	4.187	6.000	6.007	0.500	41
417353 <sup>RC</sup>	S	3.250	4.626	4.632	0.500	41	417516 <sup>RC</sup>	S	4.187	6.250	6.256	0.500	41
417354 <sup>RC</sup>	S	3.375	4.626	4.632	0.500	41	• 417516V	V	4.187	6.250	6.256	0.500	41
417355 <sup>RC</sup>	S	3.625	4.875	4.881	0.500	41	417518 <sup>RC</sup>	S	4.250	6.126	6.133	0.500	41
417356 <sup>RC</sup>	S	4.000	5.125	5.131	0.500	41	417520 <sup>RC</sup>	S	4.312	5.751	5.756	0.500	41
417357 <sup>RC</sup>	S	4.000	5.250	5.256	0.500	41	417522 <sup>RC</sup>	S	4.375	6.125	6.131	0.500	41
417358 <sup>RC</sup>	S	5.250	6.375	6.381	0.500	41	• 417522V	V	4.375	6.125	6.131	0.500	41
417359 <sup>RC</sup>	S	5.250	6.625	6.632	0.562	41	417525 <sup>RC</sup>	S	4.437	5.751	5.756	0.500	41
417360 <sup>RC</sup>	S	5.500	6.625	6.632	0.562	41	417526 <sup>RC</sup>	S	4.437	5.999	6.007	0.500	41
417361 <sup>RC</sup>	S	5.500	6.875	6.882	0.562	41	417530 <sup>RC</sup>	S	4.500	5.376	5.381	0.437	41
417362 <sup>RC</sup>	S	5.750	6.750	6.757	0.575	41	417531 <sup>RC</sup>	S	4.500	5.876	5.881	0.500	41
• 417362V	V	5.750	6.750	6.757	0.575	41	417532 <sup>RC</sup>	S	4.500	6.374	6.382	0.500	41
417363 <sup>RC</sup>	S	5.750	6.875	6.882	0.562	41	417533 <sup>RC</sup>	S	4.562	5.751	5.756	0.500	41
417364 <sup>RC</sup>	S	5.750	7.125	7.132	0.562	41	417534 <sup>RC</sup>	S	4.562	5.999	6.007	0.500	41
417365 <sup>RC</sup>	S	6.000	7.125	7.132	0.562	41	417535 <sup>RC</sup>	S	4.687	5.999	6.007	0.500	41
417366 <sup>RC</sup>	S	3.875	5.250	5.256	0.500	41	417536 <sup>RC</sup>	S	4.687	6.250	6.256	0.500	41
• 417401	S	3.992	5.875	5.881	0.625	41	417537 <sup>RC</sup>	S	4.687	6.374	6.382	0.500	41
417433 <sup>RC</sup>	S	3.250	4.003	4.008	0.375	41	417538 <sup>RC</sup>	S	4.750	5.876	5.881	0.500	41
• 417452	S	4.250	6.750	6.757	0.625	41	• 417538V	V	4.750	5.876	5.881	0.500	41
417474 <sup>RC</sup>	S	1.937	3.543	3.548	0.375	41	417539 <sup>RC</sup>	S	4.937	5.999	6.007	0.500	41
417480 <sup>RC</sup>	S	2.375	3.876	3.881	0.375	41	417540 <sup>RC</sup>	S	4.937	6.374	6.382	0.500	41
• 417480N	N	2.375	3.876	3.881	0.375	41	417541 <sup>RC</sup>	S	5.000	6.499	6.507	0.500	41
417481 <sup>RC</sup>	S	2.562	3.750	3.756	0.375	41	417542 <sup>RC</sup>	S	5.000	6.749	6.757	0.500	41
• 417483	S	2.625	3.876	3.881	0.437	41	417543 <sup>RC</sup>	S	5.000	6.874	6.882	0.500	41
417484 <sup>RC</sup>	S	2.750	3.543	3.548	0.375	41	• 417543V	V	5.000	6.874	6.882	0.500	41
417484N <sup>RC</sup>	N	2.750	3.543	3.548	0.375	41	417544 <sup>RC</sup>	S	5.000	7.000	7.007	0.500	41
417485 <sup>RC</sup>	S	2.812	3.876	3.881	0.437	41	417545 <sup>RC</sup>	S	5.000	7.500	7.507	0.500	41
417486 <sup>RC</sup>	S	2.937	4.125	4.130	0.375	41	417546 <sup>RC</sup>	S	5.125	6.374	6.382	0.500	41
417487 <sup>RC</sup>	S	3.000	4.249	4.254	0.437	41	417547 <sup>RC</sup>	S	5.125	6.499	6.507	0.500	41
417488 <sup>RC</sup>	S	3.000	4.376	4.381	0.500	41	417548 <sup>RC</sup>	S	5.187	6.499	6.507	0.500	41
417490 <sup>RC</sup>	S	3.187	4.376	4.381	0.500	41	417549 <sup>RC</sup>	S	5.250	6.750	6.757	0.500	41

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>410000 SERIES (cont.)</b>							<b>440000 SERIES (cont.)</b>						
417550 <sup>RC</sup>	S	5.312	6.500	6.507	0.500	41	441853	S	1.875	2.561	2.565	0.500	44
417551 <sup>RC</sup>	S	5.375	6.374	6.380	0.500	41	442109 <sup>RC</sup>	S	2.250	3.371	3.376	0.375	44
417554 <sup>RC</sup>	S	5.375	6.749	6.757	0.500	41	442251 <sup>RC</sup>	S	1.718	2.561	2.565	0.500	44
417555 <sup>RC</sup>	S	5.625	6.624	6.631	0.500	41	442251V <sup>RC</sup>	V	1.718	2.561	2.565	0.500	44
417556 <sup>RC</sup>	S	5.625	6.874	6.882	0.500	41	442380	S	2.500	3.251	3.256	0.312	44
• 417556V	V	5.625	6.874	6.882	0.500	41	442507	S	2.375	3.350	3.355	0.250	44
417562 <sup>RC</sup>	S	6.250	7.750	7.758	0.500	41	442874	S	2.312	3.000	3.005	0.250	44
417563 <sup>RC</sup>	S	6.375	7.875	7.883	0.500	41	443018	S	1.500	1.983	1.988	0.187	44
417564 <sup>RC</sup>	S	7.000	8.750	8.759	0.625	41	444042	S	2.500	3.500	3.505	0.250	44
417567 <sup>RC</sup>	S	8.625	10.625	10.635	0.750	41	444116 <sup>RC</sup>	S	1.812	2.327	2.332	0.437	44
417570 <sup>RC</sup>	S	10.250	12.250	12.260	0.750	41	446927	S	3.500	4.125	4.130	0.250	44
417571 <sup>RC</sup>	S	11.000	12.500	12.510	0.625	41	• 446927V	V	3.500	4.125	4.131	0.250	44
417584 <sup>RC</sup>	S	5.000	6.126	6.131	0.562	41	447060	S	5.250	6.250	6.256	0.250	44
417596 <sup>RC</sup>	S	6.750	8.250	8.257	0.562	41	447801	S	4.000	4.501	4.506	0.250	44
417597 <sup>RC</sup>	S	7.000	8.250	8.257	0.625	41	447802	S	0.438	0.836	0.840	0.188	44
417600 <sup>RC</sup>	S	8.000	9.250	9.258	0.625	41	447803	S	0.438	0.999	1.003	0.250	44
417601 <sup>RC</sup>	S	8.000	9.500	9.508	0.625	41	447804	S	0.750	1.187	1.191	0.156	44
417602 <sup>RC</sup>	S	8.000	10.000	10.008	0.625	41	447805	S	0.875	1.251	1.255	0.188	44
417603 <sup>RC</sup>	S	8.500	10.000	10.008	0.625	41	447806	S	3.500	4.003	4.008	0.250	44
417604 <sup>RC</sup>	S	8.500	10.500	10.508	0.625	41	447807	S	1.000	1.851	1.855	0.250	44
417605 <sup>RC</sup>	S	10.000	11.000	11.008	0.625	41	447808	V	1.125	1.375	1.379	0.125	44
417606	S	9.500	11.500	11.508	0.625	41	447809	S	2.000	2.371	2.375	0.250	44
417608 <sup>RC</sup>	S	12.000	14.000	14.010	0.750	41	447810	S	2.125	2.875	2.879	0.250	44
417621 <sup>RC</sup>	S	3.125	4.125	4.130	0.375	41	447811	S	1.750	2.250	2.254	0.188	44
• 417650	S	3.625	6.000	6.006	0.500	41	447812	S	2.000	2.375	2.379	0.188	44
417698 <sup>RC</sup>	S	3.625	4.376	4.381	0.375	41	447813	S	3.000	3.623	3.628	0.250	44
• 417730	S	2.937	4.003	4.008	0.625	41	<b>450000 SERIES</b>						
417780 <sup>RC</sup>	S	5.937	7.502	7.508	0.562	41	450005	S	0.500	1.124	1.128	0.375	45
417921 <sup>RC</sup>	S	6.187	7.250	7.258	0.734	41	• 450009V	V	0.625	1.124	1.128	0.375	45
417940	S	9.000	10.088	10.095	0.625	41	• 450023	S	0.656	1.375	1.379	0.406	45
• 417942V	V	5.625	6.750	6.757	0.500	41	450025 <sup>RC</sup>	S	0.687	1.375	1.379	0.406	45
417967 <sup>RC</sup>	S	3.937	4.876	4.881	0.500	41	• 450027N	N	0.750	1.375	1.379	0.406	45
417986N <sup>RC</sup>	N	2.750	5.500	5.506	0.500	41	450030 <sup>RC</sup>	S	0.812	1.499	1.503	0.390	45
417987N <sup>RC</sup>	N	3.250	5.500	5.506	0.500	41	• 450030N	N	0.812	1.499	1.503	0.390	45
418027 <sup>RC</sup>	S	2.625	4.437	4.441	0.437	41	• 450032N	N	0.875	1.499	1.503	0.390	45
418028 <sup>RC</sup>	S	3.250	4.500	4.506	0.375	41	450038 <sup>RC</sup>	S	0.906	1.828	1.832	0.437	45
418029 <sup>RC</sup>	S	3.437	4.249	4.254	0.375	41	450039 <sup>RC</sup>	S	0.937	1.828	1.832	0.437	45
418038 <sup>RC</sup>	S	4.187	4.999	5.004	0.375	41	450040 <sup>RC</sup>	S	0.968	1.828	1.832	0.437	45
418301	V	2.250	3.500	3.505	0.438	41	450043 <sup>RC</sup>	S	1.062	1.828	1.832	0.437	45
418302	S	10.000	11.250	11.258	0.630	41	450044 <sup>RC</sup>	S	1.093	1.828	1.832	0.437	45
418303	V	7.000	8.500	8.507	0.625	41	• 450045N	N	1.125	1.828	1.832	0.437	45
418304	V	6.000	7.500	7.506	0.500	41	• 450045V	V	1.125	1.828	1.832	0.437	45
418305	V	4.500	5.251	5.256	0.438	41	450048 <sup>RC</sup>	S	1.218	1.983	1.987	0.437	45
418306	V	3.125	4.249	4.254	0.438	41	• 450053	S	1.312	2.374	2.378	0.500	45
418307	S	2.625	4.370	4.375	0.438	41	450054 <sup>RC</sup>	S	1.343	2.374	2.378	0.500	45
418308	N	7.500	9.000	9.008	0.625	41	• 450055V	V	1.375	2.374	2.378	0.500	45
418309	V	2.625	3.751	3.756	0.438	41	• 450059N	N	1.500	2.374	2.378	0.500	45
418310	S	1.190	2.125	2.130	0.313	41	• 450059V	V	1.500	2.374	2.378	0.500	45
<b>440000 SERIES</b>							450065 <sup>RC</sup>	S	1.593	2.437	2.441	0.468	45
440131 <sup>RC</sup>	S	0.875	1.375	1.379	0.187	44	450066 <sup>RC</sup>	S	1.625	2.437	2.441	0.468	45
440265	S	1.687	2.623	2.627	0.375	44	• 450066N	N	1.625	2.437	2.441	0.468	45
440972	S	2.125	3.371	3.376	0.312	44	450067 <sup>RC</sup>	S	1.500	2.502	2.506	0.500	45
441130 <sup>RC</sup>	S	1.000	1.375	1.379	0.187	44	• 450067N	N	1.500	2.502	2.506	0.500	45
441148 <sup>RC</sup>	S	2.000	3.264	3.269	0.250	44	• 450067S	S	1.500	2.502	2.506	0.500	45
441319	S	1.218	1.979	1.983	0.250	44	450068 <sup>RC</sup>	S	1.718	2.623	2.627	0.500	45

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
450069 <sup>RC</sup>	S	1.625	2.623	2.627	0.500	45	450173 <sup>RC</sup>	S	1.218	2.000	2.004	0.437	45
• 450069N	N	1.625	2.623	2.627	0.500	45	450177	S	1.250	2.106	2.110	0.468	45
• 450069V	V	1.625	2.623	2.627	0.500	45	• 450179	S	1.312	2.106	2.110	0.468	45
450070 <sup>RC</sup>	S	1.750	2.623	2.627	0.500	45	450183 <sup>RC</sup>	S	1.750	2.750	2.754	0.500	45
• 450070N	N	1.750	2.623	2.627	0.500	45	• 450183N	N	1.750	2.750	2.754	0.500	45
• 450070V	V	1.750	2.623	2.627	0.500	45	450185 <sup>RC</sup>	S	1.562	2.502	2.506	0.500	45
• 450071N	N	1.875	2.623	2.627	0.500	45	• 450185N	N	1.562	2.502	2.506	0.500	45
• 450071V	V	1.875	2.623	2.627	0.500	45	450185V <sup>RC</sup>	V	1.562	2.502	2.506	0.500	45
450073 <sup>RC</sup>	S	1.656	2.686	2.690	0.500	45	<b>450188<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>1.561</b>	<b>1.565</b>	<b>0.375</b>	<b>45</b>
450076 <sup>RC</sup>	S	1.750	2.686	2.690	0.500	45	• 450193	S	1.812	2.996	3.001	0.500	45
• 450076N	N	1.750	2.686	2.690	0.500	45	450194 <sup>RC</sup>	S	1.625	2.502	2.506	0.500	45
• 450076V	V	1.750	2.686	2.690	0.500	45	• 450194N	N	1.625	2.502	2.506	0.500	45
450078 <sup>RC</sup>	S	1.625	2.875	2.879	0.468	45	• 450202N	N	0.562	0.999	1.003	0.375	45
450082 <sup>RC</sup>	S	1.875	2.875	2.879	0.468	45	• 450219N	N	1.000	1.624	1.628	0.437	45
• 450082N	N	1.875	2.875	2.879	0.468	45	• 450244	S	1.250	2.062	2.066	0.437	45
450083 <sup>RC</sup>	S	2.000	2.875	2.879	0.468	45	• 450244SSR	S	1.250	2.062	2.066	0.437	45
<b>450084<sup>RC</sup></b>	<b>S</b>	<b>1.875</b>	<b>2.996</b>	<b>3.001</b>	<b>0.500</b>	<b>45</b>	450260 <sup>RC</sup>	S	1.656	2.502	2.506	0.500	45
450085 <sup>RC</sup>	S	2.000	2.996	3.001	0.500	45	• 450261	S	2.062	2.996	3.001	0.500	45
• 450085N	N	2.000	2.996	3.001	0.500	45	• 450268	S	1.843	2.623	2.627	0.500	45
• 450085V	V	2.000	2.996	3.001	0.500	45	• 450268N	N	1.843	2.623	2.627	0.500	45
450089 <sup>RC</sup>	S	1.781	3.189	3.194	0.437	45	450269 <sup>RC</sup>	S	1.781	2.686	2.690	0.500	45
<b>450090<sup>RC</sup></b>	<b>S</b>	<b>1.812</b>	<b>3.189</b>	<b>3.194</b>	<b>0.437</b>	<b>45</b>	• 450272	S	1.875	2.686	2.690	0.500	45
450094 <sup>RC</sup>	S	1.937	3.189	3.194	0.437	45	<b>450273<sup>RC</sup></b>	<b>S</b>	<b>1.562</b>	<b>2.758</b>	<b>2.762</b>	<b>0.500</b>	<b>45</b>
450094N <sup>RC</sup>	N	1.937	3.189	3.194	0.437	45	450274 <sup>RC</sup>	S	1.593	2.758	2.762	0.500	45
450095	S	2.000	3.189	3.194	0.437	45	450275 <sup>RC</sup>	S	1.625	2.758	2.762	0.500	45
• 450095N	N	2.000	3.189	3.194	0.437	45	450279 <sup>RC</sup>	S	1.937	2.758	2.762	0.500	45
450096	S	2.062	3.189	3.194	0.437	45	450280 <sup>RC</sup>	S	1.781	2.758	2.762	0.500	45
450099 <sup>RC</sup>	S	2.250	3.350	3.355	0.468	45	• 450283	S	1.875	2.758	2.762	0.500	45
450101 <sup>RC</sup>	S	2.375	3.350	3.355	0.468	45	450285 <sup>RC</sup>	S	1.781	2.750	2.754	0.500	45
• 450101N	N	2.375	3.350	3.355	0.468	45	450291 <sup>RC</sup>	S	1.750	2.875	2.879	0.468	45
450103 <sup>RC</sup>	S	2.375	3.481	3.486	0.500	45	• 450291V	V	1.750	2.875	2.879	0.468	45
450104 <sup>RC</sup>	S	2.437	3.481	3.486	0.500	45	450298 <sup>RC</sup>	S	1.875	3.000	3.005	0.500	45
450111 <sup>RC</sup>	S	1.968	3.350	3.355	0.468	45	450301 <sup>RC</sup>	S	2.000	3.000	3.005	0.500	45
450115	S	2.125	2.996	3.001	0.500	45	• 450301N	N	2.000	3.000	3.005	0.500	45
• 450115N	N	2.125	2.996	3.001	0.500	45	• 450303N	N	2.125	3.000	3.005	0.500	45
450117	S	1.875	2.750	2.754	0.500	45	• 450303SSR	S	2.125	3.000	3.005	0.500	45
450118	S	1.812	2.750	2.754	0.500	45	• 450303V	V	2.125	3.000	3.005	0.500	45
• 450120	S	1.000	1.499	1.503	0.390	45	<b>450307<sup>RC</sup></b>	<b>S</b>	<b>2.062</b>	<b>3.061</b>	<b>3.066</b>	<b>0.500</b>	<b>45</b>
450121	S	2.125	3.189	3.194	0.437	45	450308 <sup>RC</sup>	S	2.125	3.061	3.066	0.500	45
• 450121N	N	2.125	3.189	3.194	0.437	45	• 450310	S	2.000	3.125	3.130	0.500	45
• 450121V	V	2.125	3.189	3.194	0.437	45	450311 <sup>RC</sup>	S	2.062	3.125	3.130	0.500	45
450132	S	2.250	3.371	3.376	0.468	45	450313 <sup>RC</sup>	S	2.062	3.251	3.256	0.500	45
450133 <sup>RC</sup>	S	2.312	3.371	3.376	0.468	45	• 450314	S	2.125	3.251	3.256	0.500	45
• 450141V	V	0.750	1.250	1.254	0.375	45	450316 <sup>RC</sup>	S	2.250	3.251	3.256	0.500	45
<b>450143<sup>RC</sup></b>	<b>S</b>	<b>1.562</b>	<b>2.561</b>	<b>2.565</b>	<b>0.500</b>	<b>45</b>	• 450316N	N	2.250	3.251	3.256	0.500	45
450147 <sup>RC</sup>	S	1.312	2.996	3.001	0.500	45	450317 <sup>RC</sup>	S	2.312	3.251	3.256	0.500	45
• 450153	S	1.375	2.106	2.110	0.468	45	• 450317N	N	2.312	3.251	3.256	0.500	45
• 450153N	N	1.375	2.106	2.110	0.468	45	• 450323	S	2.500	3.189	3.194	0.437	45
450154	S	1.687	2.502	2.506	0.500	45	• 450323V	V	2.500	3.189	3.194	0.437	45
• 450157	S	1.000	2.000	2.004	0.437	45	• 450324	S	2.437	3.371	3.376	0.468	45
450159 <sup>RC</sup>	S	1.093	2.000	2.004	0.437	45	<b>450326<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.996</b>	<b>3.001</b>	<b>0.500</b>	<b>45</b>
450161 <sup>RC</sup>	S	1.156	2.000	2.004	0.437	45	450329 <sup>RC</sup>	S	2.625	3.350	3.356	0.468	45
• 450162N	N	1.187	2.000	2.004	0.437	45	• 450330	S	2.500	3.371	3.376	0.468	45
• 450163N	N	1.250	2.000	2.004	0.437	45	450332 <sup>RC</sup>	S	1.125	2.437	2.441	0.468	45
• 450169N	N	1.375	2.250	2.254	0.500	45	450335 <sup>RC</sup>	S	1.625	3.062	3.066	0.500	45
• 450169V	V	1.375	2.250	2.254	0.500	45	450336H <sup>RC</sup>	H	1.187	2.250	2.254	0.500	45

NUMERIC SECTION



Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
450339 <sup>RC</sup>	S	0.968	2.062	2.066	0.437	45	• 450525	S	2.437	3.125	3.130	0.500	45
• 450339N	N	0.968	2.062	2.066	0.437	45	• 450532	S	2.062	3.350	3.355	0.468	45
<b>450340<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.561</b>	<b>1.565</b>	<b>0.375</b>	<b>45</b>	450533 <sup>RC</sup>	S	1.687	3.189	3.194	0.437	45
450341 <sup>RC</sup>	S	1.250	2.713	2.717	0.468	45	450535 <sup>RC</sup>	S	0.625	1.246	1.250	0.375	45
<b>450342<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>1.983</b>	<b>1.987</b>	<b>0.437</b>	<b>45</b>	450536 <sup>RC</sup>	S	0.562	1.246	1.250	0.375	45
• 450342N	N	1.062	1.983	1.987	0.437	45	• 450536N	N	0.562	1.246	1.250	0.375	45
450343 <sup>RC</sup>	S	2.062	3.371	3.376	0.468	45	450539 <sup>RC</sup>	S	1.625	3.000	3.005	0.500	45
• 450344	S	1.187	1.828	1.832	0.437	45	450540	S	1.500	3.189	3.194	0.437	45
450350	S	2.375	3.371	3.376	0.468	45	450543V <sup>RC</sup>	V	2.000	2.717	2.720	0.468	45
• 450350N	N	2.375	3.371	3.376	0.468	45	450545	S	0.968	1.575	1.579	0.375	45
• 450351N	N	1.750	2.437	2.441	0.468	45	• 450548N	N	1.500	2.250	2.254	0.375	45
450352 <sup>RC</sup>	S	1.750	2.502	2.506	0.500	45	• 450551	S	2.312	3.125	3.130	0.500	45
• 450352N	N	1.750	2.502	2.506	0.500	45	• 450552N	N	2.375	3.125	3.130	0.500	45
450361	S	1.750	2.561	2.565	0.500	45	• 450565	S	2.375	3.125	3.130	0.375	45
450362 <sup>RC</sup>	S	1.156	2.125	2.129	0.437	45	• 450567V	V	0.875	1.375	1.379	0.312	45
• 450363	S	1.687	2.502	2.506	0.375	45	• 450574N	N	2.375	3.251	3.256	0.500	45
450365 <sup>RC</sup>	S	2.125	2.875	2.879	0.468	45	450588 <sup>RC</sup>	S	0.812	1.575	1.579	0.375	45
• 450365V	V	2.125	2.875	2.879	0.468	45	<b>450593<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>1.828</b>	<b>1.832</b>	<b>0.296</b>	<b>45</b>
450389 <sup>RC</sup>	S	2.000	2.750	2.754	0.500	45	<b>450604<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>2.250</b>	<b>2.254</b>	<b>0.500</b>	<b>45</b>
• 450394RH	H	1.500	2.125	2.129	0.437	45	• 450604N	N	1.125	2.250	2.254	0.500	45
450400 <sup>RC</sup>	S	1.750	2.250	2.254	0.359	45	• 450605	S	2.500	3.371	3.376	0.375	45
• 450400V	V	1.750	2.250	2.254	0.359	45	• 450614	S	2.250	3.251	3.256	0.437	45
• 450410N	N	2.000	2.623	2.627	0.500	45	450621 <sup>RC</sup>	S	2.156	3.189	3.194	0.437	45
450412 <sup>RC</sup>	S	2.625	3.481	3.486	0.500	45	• 450621N	N	2.156	3.189	3.194	0.437	45
450415 <sup>RC</sup>	S	1.625	2.996	3.001	0.500	45	<b>450639<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>2.835</b>	<b>2.839</b>	<b>0.468</b>	<b>45</b>
• 450426	S	1.125	2.000	2.004	0.375	45	• 450652	S	1.250	2.000	2.004	0.375	45
450430 <sup>RC</sup>	S	1.125	2.875	2.879	0.468	45	• 450652V	V	1.250	2.000	2.004	0.375	45
450431 <sup>RC</sup>	S	0.812	1.250	1.254	0.375	45	450666 <sup>RC</sup>	S	1.578	2.408	2.412	0.500	45
• 450433N	N	2.250	3.125	3.130	0.500	45	• 450681	S	2.187	3.125	3.130	0.500	45
450441 <sup>RC</sup>	S	2.250	2.996	3.001	0.500	45	• 450681N	N	2.187	3.125	3.130	0.500	45
• 450441N	N	2.250	2.996	3.001	0.500	45	450686 <sup>RC</sup>	S	2.375	3.483	3.488	0.500	45
450444 <sup>RC</sup>	S	1.375	2.502	2.506	0.500	45	450693 <sup>RC</sup>	S	0.984	2.062	2.066	0.437	45
450446 <sup>RC</sup>	S	2.000	2.713	2.717	0.468	45	• 450718	S	2.187	3.000	3.005	0.437	45
450452 <sup>RC</sup>	S	1.375	2.835	2.839	0.468	45	• 450725	S	2.609	3.350	3.355	0.375	45
• 450452N	N	1.375	2.835	2.839	0.468	45	• 450725N	N	2.609	3.350	3.355	0.375	45
<b>450456<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.717</b>	<b>2.720</b>	<b>0.468</b>	<b>45</b>	450737 <sup>RC</sup>	S	2.250	3.189	3.194	0.437	45
450457 <sup>RC</sup>	S	0.984	1.828	1.832	0.437	45	<b>450765<sup>RC</sup></b>	<b>S</b>	<b>1.687</b>	<b>2.717</b>	<b>2.720</b>	<b>0.468</b>	<b>45</b>
450461	S	1.500	2.750	2.754	0.500	45	<b>450776<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.686</b>	<b>2.690</b>	<b>0.500</b>	<b>45</b>
450463 <sup>RC</sup>	S	1.375	2.750	2.754	0.500	45	• 450779	S	1.875	2.875	2.879	0.500	45
450467 <sup>RC</sup>	S	1.625	3.251	3.256	0.500	45	450803 <sup>RC</sup>	S	1.562	2.717	2.720	0.468	45
450472 <sup>RC</sup>	S	1.968	2.686	2.690	0.500	45	450819 <sup>RC</sup>	S	1.625	2.835	2.839	0.468	45
450474 <sup>RC</sup>	S	1.968	2.875	2.879	0.468	45	450867 <sup>RC</sup>	S	2.125	2.875	2.879	0.437	45
450482 <sup>RC</sup>	S	1.156	1.828	1.832	0.437	45	• 450867N	N	2.125	2.875	2.879	0.437	45
450489	S	2.187	2.875	2.879	0.468	45	• 450867V	V	2.125	2.875	2.879	0.437	45
450492 <sup>RC</sup>	S	1.375	3.350	3.355	0.468	45	450869 <sup>RC</sup>	S	2.156	3.251	3.256	0.500	45
• 450493	S	1.500	3.350	3.355	0.468	45	• 450898N	N	2.125	2.875	2.879	0.375	45
450494 <sup>RC</sup>	S	1.750	2.502	2.506	0.375	45	• 450904	S	2.562	3.481	3.486	0.500	45
• 450497	S	1.968	3.371	3.376	0.468	45	• 450908	S	0.984	1.575	1.579	0.374	45
450516 <sup>RC</sup>	S	1.375	3.125	3.130	0.500	45	450908V	V	0.984	1.575	1.579	0.374	45
450519 <sup>RC</sup>	S	2.500	3.251	3.256	0.500	45	450911N <sup>RC</sup>	N	1.968	2.742	2.746	0.500	45
• 450519N	N	2.500	3.251	3.256	0.500	45	450965 <sup>RC</sup>	S	1.937	3.350	3.355	0.468	45
• 450520	S	2.250	3.000	3.005	0.500	45	• 450972	S	2.125	3.371	3.376	0.468	45
• 450520N	N	2.250	3.000	3.005	0.500	45	• 450975	S	0.625	1.499	1.503	0.390	45
• 450521	S	1.312	1.874	1.878	0.437	45	<b>450984<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.717</b>	<b>2.720</b>	<b>0.468</b>	<b>45</b>
<b>450523<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.875</b>	<b>2.879</b>	<b>0.468</b>	<b>45</b>	• 450988N	N	2.375	3.061	3.066	0.500	45
• 450524	S	1.875	3.371	3.376	0.468	45	• 450988V	V	2.375	3.061	3.066	0.500	45

NUMERIC SECTION



# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
451078 <sup>RC</sup>	S	1.875	3.251	3.256	0.500	45	452086 <sup>RC</sup>	S	1.670	2.686	2.690	0.500	45
451082 <sup>RC</sup>	S	0.968	1.874	1.878	0.437	45	• 452152	S	2.312	3.251	3.256	0.437	45
• 451091	S	2.000	3.062	3.066	0.500	45	• 452157SSR	S	4.250	5.251	5.256	0.375	45
• 451100N	N	1.125	1.624	1.628	0.312	45	<b>452222<sup>RC</sup></b>	<b>S</b>	<b>1.531</b>	<b>2.374</b>	<b>2.378</b>	<b>0.375</b>	<b>45</b>
• 451117N	N	1.937	2.824	2.828	0.500	45	452261H <sup>RC</sup>	H	2.000	2.500	2.504	0.437	45
• 451138	S	2.250	3.125	3.130	0.375	45	452554N <sup>RC</sup>	N	1.500	1.983	1.987	0.437	45
451143 <sup>RC</sup>	S	2.625	3.251	3.256	0.437	45	• 452604	S	2.187	3.350	3.355	0.500	45
451147H <sup>RC</sup>	H	1.750	2.502	2.506	0.406	45	• 452612	S	2.125	2.875	2.879	0.500	45
• 451147N	N	1.750	2.502	2.506	0.406	45	• 452624	S	2.625	3.351	3.356	0.500	45
• 451160N	N	2.312	3.000	3.005	0.500	45	• 452636	S	2.250	3.251	3.256	0.375	45
• 451162N	N	1.875	2.500	2.504	0.437	45	452742 <sup>RC</sup>	S	1.781	2.502	2.506	0.312	45
451182 <sup>RC</sup>	S	1.170	2.031	2.035	0.375	45	• 452872	S	1.812	2.561	2.565	0.437	45
• 451195	S	1.937	2.502	2.506	0.375	45	• 452920	S	2.250	3.371	3.376	0.375	45
• 451195V	V	1.937	2.502	2.506	0.375	45	<b>453065</b>	<b>S</b>	<b>1.500</b>	<b>2.254</b>	<b>2.258</b>	<b>0.312</b>	<b>45</b>
• 451234	S	2.250	3.061	3.066	0.500	45	453165	S	1.000	2.062	2.066	0.375	45
• 451258	S	1.125	1.828	1.832	0.375	45	453182	S	3.000	3.999	4.004	0.437	45
• 451271	S	2.500	3.251	3.256	0.375	45	• 453244	S	2.187	2.875	2.879	0.375	45
• 451272	S	2.250	3.000	3.005	0.375	45	• 453245	S	2.187	3.251	3.256	0.375	45
• 451275	S	3.250	4.249	4.254	0.468	45	• 453246	S	2.375	3.251	3.256	0.375	45
• 451275N	N	3.250	4.249	4.254	0.468	45	• 453247	S	2.375	3.371	3.376	0.375	45
• 451308	S	1.500	2.374	2.378	0.375	45	• 453248	S	2.625	3.371	3.376	0.375	45
• 451338	S	2.187	3.000	3.005	0.500	45	453279 <sup>RC</sup>	S	1.250	3.155	3.160	0.500	45
• 451341	S	2.250	2.996	3.001	0.437	45	• 453309	S	1.350	2.502	2.506	0.500	45
• 451350	S	1.750	3.125	3.130	0.500	45	453341 <sup>RC</sup>	S	1.625	2.374	2.378	0.437	45
• 451414	S	3.375	4.376	4.381	0.562	45	• 453510	S	1.562	2.996	3.000	0.312	45
• 451414N	N	3.375	4.376	4.381	0.562	45	454088 <sup>RC</sup>	S	2.750	4.500	4.505	0.468	45
451469 <sup>RC</sup>	S	1.593	2.623	2.627	0.340	45	454136N <sup>RC</sup>	N	2.250	3.350	3.355	0.312	45
• 451475	S	2.625	3.543	3.548	0.500	45	• 454199	S	2.375	3.350	3.355	0.312	45
• 451509	S	2.500	3.250	3.256	0.437	45	455001 <sup>RC</sup>	S	2.500	3.543	3.548	0.500	45
<b>451583<sup>RC</sup></b>	<b>S</b>	<b>0.968</b>	<b>1.499</b>	<b>1.503</b>	<b>0.312</b>	<b>45</b>	455003 <sup>RC</sup>	S	2.625	3.623	3.628	0.468	45
451583V <sup>RC</sup>	V	0.968	1.499	1.503	0.312	45	• 455003N	N	2.625	3.623	3.628	0.468	45
• 451656	S	0.750	1.624	1.628	0.312	45	455004 <sup>RC</sup>	S	2.750	3.751	3.756	0.500	45
• 451664	S	1.062	1.624	1.628	0.312	45	• 455004N	N	2.750	3.751	3.756	0.500	45
• 451700	S	0.875	1.752	1.756	0.312	45	455005 <sup>RC</sup>	S	2.812	3.751	3.756	0.500	45
• 451703	S	1.000	1.752	1.756	0.312	45	• 455005N	N	2.812	3.751	3.756	0.500	45
• 451787	S	1.250	2.062	2.066	0.250	45	455006 <sup>RC</sup>	S	2.875	3.751	3.756	0.500	45
451817 <sup>RC</sup>	S	1.812	2.437	2.441	0.468	45	455006N <sup>RC</sup>	N	2.875	3.751	3.756	0.500	45
451845 <sup>RC</sup>	S	1.250	2.561	2.565	0.500	45	455008 <sup>RC</sup>	S	2.687	3.876	3.881	0.468	45
<b>451857<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.623</b>	<b>2.627</b>	<b>0.500</b>	<b>45</b>	455009 <sup>RC</sup>	S	2.750	3.876	3.881	0.468	45
• 451879	S	1.750	2.686	2.690	0.437	45	• 455009N	N	2.750	3.876	3.881	0.468	45
• 451883	S	2.000	2.686	2.690	0.437	45	455011 <sup>RC</sup>	S	2.875	4.003	4.008	0.468	45
• 451936	S	1.875	2.875	2.879	0.437	45	• 455011N	N	2.875	4.003	4.008	0.468	45
• 451936V	V	1.875	2.875	2.879	0.437	45	• 455011V	V	2.875	4.003	4.008	0.468	45
• 451943	S	2.000	2.835	2.839	0.468	45	455012 <sup>RC</sup>	S	2.937	4.003	4.008	0.468	45
• 451944	S	2.000	2.875	2.879	0.437	45	• 455012N	N	2.937	4.003	4.008	0.468	45
<b>451948<sup>RC</sup></b>	<b>S</b>	<b>2.062</b>	<b>2.875</b>	<b>2.879</b>	<b>0.437</b>	<b>45</b>	• 455012V	V	2.937	4.003	4.008	0.468	45
• 451953	S	2.187	2.875	2.879	0.437	45	455013 <sup>RC</sup>	S	3.000	4.003	4.008	0.468	45
• 452006	S	1.937	2.996	3.001	0.437	45	• 455013N	N	3.000	4.003	4.008	0.468	45
• 452009	S	2.000	3.000	3.005	0.375	45	• 455013V	V	3.000	4.003	4.008	0.468	45
• 452017	S	2.187	2.996	3.001	0.437	45	455014 <sup>RC</sup>	S	3.000	4.249	4.254	0.625	45
• 452018	S	2.187	3.000	3.005	0.375	45	455015 <sup>RC</sup>	S	3.062	4.249	4.254	0.625	45
• 452019	S	2.187	3.062	3.066	0.500	45	455018 <sup>RC</sup>	S	3.250	4.249	4.254	0.625	45
• 452020	S	2.187	3.125	3.130	0.375	45	<b>455019<sup>RC</sup></b>	<b>S</b>	<b>3.000</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>45</b>
• 452032	S	2.125	3.251	3.256	0.437	45	455020 <sup>RC</sup>	S	3.062	4.999	5.004	0.468	45
• 452035	S	2.187	3.371	3.376	0.468	45	• 455021	S	3.125	4.999	5.004	0.468	45
• 452038	S	2.375	3.251	3.256	0.437	45	455022 <sup>RC</sup>	S	3.187	4.999	5.004	0.468	45

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
455024 <sup>RC</sup>	S	3.312	4.999	5.004	0.468	45	• 455107	S	5.750	7.000	7.008	0.625	45
455026 <sup>RC</sup>	S	3.437	4.999	5.004	0.468	45	• 455107N	N	5.750	7.000	7.008	0.625	45
455027	S	3.500	4.999	5.004	0.468	45	• 455107RB	S	5.750	7.000	7.008	0.625	45
<b>455031<sup>RC</sup></b>	<b>S</b>	<b>3.750</b>	<b>4.999</b>	<b>5.004</b>	<b>0.468</b>	<b>45</b>	• 455107V	V	5.750	7.000	7.008	0.625	45
• 455031N	N	3.750	4.999	5.004	0.468	45	455117 <sup>RC</sup>	S	7.375	8.875	8.882	0.750	45
455032 <sup>RC</sup>	S	3.812	4.999	5.004	0.468	45	455121 <sup>RC</sup>	S	7.875	9.375	9.383	0.750	45
455033	S	3.875	4.999	5.004	0.468	45	455121V <sup>RC</sup>	V	7.875	9.375	9.383	0.750	45
455034 <sup>RC</sup>	S	3.937	4.999	5.004	0.468	45	455123 <sup>RC</sup>	S	8.125	10.125	10.130	0.750	45
• 455034N	N	3.937	4.999	5.004	0.468	45	455129 <sup>RC</sup>	S	8.875	10.875	10.885	0.750	45
• 455034V	V	3.937	4.999	5.004	0.468	45	• 455130	S	1.937	3.543	3.548	0.500	45
455035	S	4.000	4.999	5.005	0.468	45	<b>455134<sup>RC</sup></b>	<b>S</b>	<b>4.125</b>	<b>4.999</b>	<b>5.005</b>	<b>0.468</b>	<b>45</b>
455035N	N	4.000	4.999	5.005	0.468	45	• 455134N	N	4.125	4.999	5.005	0.468	45
455037 <sup>RC</sup>	S	4.062	5.501	5.506	0.562	45	• 455134V	V	4.125	4.999	5.005	0.468	45
• 455039	S	4.187	5.501	5.506	0.562	45	455136 <sup>RC</sup>	S	2.250	3.481	3.486	0.500	45
• 455040N	N	4.250	5.501	5.506	0.562	45	455137	S	3.250	4.499	4.504	0.468	45
• 455044	S	4.187	5.751	5.756	0.562	45	• 455137V	V	3.250	4.499	4.504	0.468	45
• 455045	S	4.250	5.751	5.756	0.562	45	• 455138	S	4.750	5.750	5.756	0.500	45
• 455046	S	4.312	5.751	5.756	0.562	45	• 455138N	N	4.750	5.750	5.756	0.500	45
• 455047	S	4.375	5.751	5.756	0.562	45	• 455140	S	5.375	6.749	6.757	0.625	45
• 455053N	N	4.750	5.751	5.757	0.562	45	• 455142	S	4.125	5.251	5.256	0.468	45
• 455053V	V	4.750	5.750	5.757	0.562	45	<b>455144<sup>RC</sup></b>	<b>S</b>	<b>2.875</b>	<b>4.499</b>	<b>4.504</b>	<b>0.468</b>	<b>45</b>
455056 <sup>RC</sup>	S	4.125	6.250	6.256	0.562	45	455146 <sup>RC</sup>	S	3.500	4.499	4.504	0.468	45
• 455057	S	4.187	6.250	6.256	0.562	45	455147 <sup>RC</sup>	S	2.500	3.500	3.505	0.500	45
• 455059	S	4.312	6.250	6.256	0.562	45	• 455147N	N	2.500	3.500	3.505	0.500	45
• 455059N	N	4.312	6.250	6.256	0.562	45	• 455148	S	3.875	5.251	5.256	0.468	45
• 455062N	N	4.500	6.250	6.256	0.562	45	• 455149	S	2.625	3.751	3.756	0.500	45
• 455062V	V	4.500	6.250	6.256	0.562	45	• 455150V	V	3.750	5.251	5.256	0.468	45
• 455064	S	4.625	6.250	6.256	0.562	45	<b>455151<sup>RC</sup></b>	<b>S</b>	<b>2.687</b>	<b>3.751</b>	<b>3.756</b>	<b>0.500</b>	<b>45</b>
• 455066	S	4.750	6.250	6.256	0.562	45	• 455152	S	2.875	4.125	4.130	0.562	45
• 455067	S	4.812	6.250	6.256	0.562	45	455154	S	3.000	4.125	4.130	0.562	45
• 455068N	N	4.875	6.250	6.256	0.562	45	• 455155	S	3.062	4.125	4.130	0.562	45
• 455069	S	4.937	6.250	6.256	0.562	45	• 455156N	N	3.125	4.125	4.130	0.562	45
455070	S	5.000	6.250	6.256	0.562	45	• 455156V	V	3.125	4.125	4.130	0.562	45
• 455070V	V	5.000	6.250	6.256	0.562	45	• 455160	S	3.125	4.376	4.381	0.625	45
• 455071N	N	5.125	6.376	6.382	0.625	45	• 455161	S	3.187	4.376	4.381	0.625	45
455073 <sup>RC</sup>	S	5.500	6.749	6.757	0.625	45	• 455162	S	3.250	4.376	4.381	0.625	45
455075	S	5.875	7.125	7.133	0.625	45	• 455162N	N	3.250	4.376	4.381	0.625	45
<b>455079<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.751</b>	<b>3.756</b>	<b>0.500</b>	<b>45</b>	• 455163	S	3.312	4.376	4.381	0.625	45
• 455079V	V	2.500	3.751	3.756	0.500	45	• 455164	S	3.375	4.376	4.381	0.625	45
<b>455080<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>3.623</b>	<b>3.628</b>	<b>0.468</b>	<b>45</b>	• 455164N	N	3.375	4.376	4.381	0.625	45
• 455081V	V	4.187	5.125	5.131	0.500	45	455165	S	3.375	4.499	4.504	0.468	45
• 455085	S	3.312	4.499	4.504	0.468	45	• 455165V	V	3.375	4.499	4.504	0.468	45
• 455085V	V	3.312	4.499	4.504	0.468	45	• 455166	S	3.437	4.499	4.504	0.468	45
455086 <sup>RC</sup>	S	3.000	4.249	4.254	0.468	45	• 455168	S	3.375	4.626	4.631	0.625	45
• 455086N	N	3.000	4.249	4.254	0.468	45	• 455168N	N	3.375	4.626	4.631	0.625	45
455088	S	3.000	4.499	4.504	0.468	45	• 455170N	N	3.500	4.626	4.631	0.625	45
• 455088N	N	3.000	4.499	4.504	0.468	45	• 455172N	N	3.625	4.626	4.631	0.625	45
455088V <sup>RC</sup>	V	3.000	4.499	4.504	0.468	45	• 455172V	V	3.625	4.626	4.631	0.625	45
455091	S	4.875	5.999	6.007	0.625	45	455173 <sup>RC</sup>	S	3.500	4.751	4.756	0.625	45
455093 <sup>RC</sup>	S	2.250	3.500	3.505	0.500	45	• 455173N	N	3.500	4.751	4.756	0.625	45
• 455094N	N	2.312	3.500	3.505	0.500	45	• 455174	S	3.562	4.751	4.756	0.625	45
455096 <sup>RC</sup>	S	2.437	3.500	3.505	0.500	45	• 455175	S	3.625	4.751	4.756	0.625	45
• 455096V	V	2.437	3.500	3.505	0.500	45	• 455178	S	3.812	4.751	4.756	0.625	45
• 455098N	N	2.562	3.500	3.505	0.500	45	• 455179N	N	3.875	4.751	4.756	0.625	45
455104	S	5.250	6.499	6.507	0.625	45	• 455181	S	3.625	4.876	4.881	0.625	45
• 455105N	N	5.375	6.624	6.632	0.625	45	• 455183	S	3.750	4.876	4.881	0.625	45

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
• 455185	S	3.875	4.876	4.881	0.625	45	• 455281N	N	3.000	3.751	3.756	0.500	45
• 455185N	N	3.875	4.876	4.881	0.625	45	• 455281V	V	3.000	3.751	3.756	0.500	45
455186 <sup>RC</sup>	S	3.937	4.876	4.881	0.625	45	455285	S	5.000	6.250	6.256	0.625	45
455188	S	4.000	5.126	5.131	0.625	45	455290 <sup>RC</sup>	S	5.062	6.374	6.382	0.625	45
455189 <sup>RC</sup>	S	3.812	5.251	5.256	0.468	45	• 455292	S	1.375	3.500	3.505	0.500	45
• 455189N	N	3.812	5.251	5.256	0.468	45	455294	S	6.500	7.500	7.508	0.562	45
455191 <sup>RC</sup>	S	3.937	5.251	5.256	0.468	45	• 455295	S	4.187	4.999	5.004	0.468	45
455192	S	4.000	5.251	5.256	0.468	45	• 455296	S	2.625	4.003	4.008	0.468	45
455194 <sup>RC</sup>	S	4.187	5.251	5.256	0.468	45	455297 <sup>RC</sup>	S	5.875	7.500	7.508	0.562	45
455195	S	4.250	5.251	5.256	0.468	45	• 455303	S	2.875	3.623	3.628	0.375	45
• 455195V	V	4.250	5.251	5.256	0.468	45	• 455304	S	3.250	4.249	4.254	0.500	45
• 455196N	N	4.250	5.376	5.381	0.500	45	• 455304N	N	3.250	4.249	4.254	0.500	45
455197 <sup>RC</sup>	S	4.312	5.501	5.506	0.562	45	• 455304V	V	3.250	4.249	4.254	0.500	45
455197N <sup>RC</sup>	N	4.312	5.501	5.506	0.562	45	455308	S	1.500	3.544	3.548	0.500	45
• 455198N	N	4.375	5.501	5.506	0.562	45	455310	S	2.875	4.335	4.340	0.437	45
455200 <sup>RC</sup>	S	4.500	5.500	5.506	0.562	45	• 455310V	V	2.875	4.335	4.340	0.437	45
455200N	N	4.500	5.500	5.506	0.562	45	455311 <sup>RC</sup>	S	2.562	3.543	3.548	0.500	45
• 455200V	V	4.500	5.500	5.506	0.562	45	• 455312	S	5.000	6.374	6.382	0.625	45
• 455201	S	4.000	5.999	6.007	0.625	45	• 455312V	V	5.000	6.374	6.382	0.625	45
455203 <sup>RC</sup>	S	4.125	6.000	6.007	0.625	45	• 455315N	N	2.750	3.623	3.628	0.468	45
• 455204	S	4.187	5.999	6.007	0.625	45	• 455315V	V	2.750	3.623	3.628	0.468	45
• 455205	S	4.250	5.999	6.007	0.625	45	• 455318	S	5.000	6.749	6.757	0.625	45
• 455205N	N	4.250	5.999	6.007	0.625	45	• 455319	S	3.500	5.126	5.131	0.625	45
• 455206	S	4.312	5.999	6.007	0.625	45	455321 <sup>RC</sup>	S	2.312	3.751	3.756	0.500	45
• 455207	S	4.375	5.999	6.007	0.625	45	455322 <sup>RC</sup>	S	2.750	3.543	3.548	0.500	45
• 455209	S	4.500	6.001	6.007	0.625	45	455322N <sup>RC</sup>	N	2.750	3.543	3.548	0.500	45
• 455214	S	4.812	5.999	6.007	0.625	45	455322V <sup>RC</sup>	V	2.750	3.543	3.548	0.500	45
• 455215V	V	5.500	6.749	6.756	0.500	45	• 455325	S	4.500	6.374	6.382	0.625	45
• 455217	S	4.875	6.127	6.132	0.625	45	455328 <sup>RC</sup>	S	3.250	5.251	5.256	0.468	45
• 455233	S	4.750	5.876	5.881	0.625	45	455330 <sup>RC</sup>	S	6.125	7.125	7.133	0.625	45
• 455244N	N	2.562	3.751	3.756	0.500	45	455336 <sup>RC</sup>	S	3.187	4.499	4.504	0.468	45
• 455245	S	3.125	4.751	4.756	0.625	45	• 455341	S	3.437	4.876	4.881	0.625	45
• 455247	S	4.937	6.374	6.382	0.625	45	• 455342	S	4.500	5.876	5.881	0.625	45
• 455248	S	2.375	3.543	3.548	0.500	45	• 455350	S	2.187	3.623	3.628	0.468	45
455249 <sup>RC</sup>	S	3.375	4.688	4.693	0.500	45	• 455351	S	4.500	6.250	6.256	0.500	45
• 455250	S	2.875	3.623	3.628	0.468	45	• 455354N	N	3.125	4.003	4.008	0.468	45
• 455250N	N	2.875	3.623	3.628	0.468	45	455355 <sup>RC</sup>	S	2.875	3.876	3.881	0.468	45
• 455251	S	4.812	5.751	5.756	0.562	45	455356 <sup>RC</sup>	S	2.937	4.499	4.504	0.468	45
455251H <sup>RC</sup>	H	4.812	5.751	5.756	0.562	45	• 455363	S	5.750	6.749	6.757	0.625	45
• 455251N	N	4.812	5.751	5.756	0.562	45	455364 <sup>RC</sup>	S	2.750	3.500	3.505	0.500	45
455253 <sup>RC</sup>	S	2.000	3.543	3.548	0.500	45	• 455364N	N	2.750	3.500	3.505	0.500	45
• 455255	S	3.500	4.875	4.881	0.625	45	455368 <sup>RC</sup>	S	2.625	3.500	3.505	0.500	45
• 455258	S	4.750	6.127	6.132	0.625	45	• 455368N	N	2.625	3.500	3.505	0.500	45
• 455259	S	2.250	3.751	3.756	0.500	45	• 455371N	N	4.625	5.751	5.756	0.562	45
455260 <sup>RC</sup>	<b>S</b>	<b>2.062</b>	<b>3.623</b>	<b>3.628</b>	<b>0.468</b>	<b>45</b>	• 455375	S	4.750	6.625	6.632	0.625	45
• 455262	S	3.500	5.501	5.506	0.562	45	• 455378N	N	4.687	5.751	5.756	0.562	45
• 455265	S	3.250	4.751	4.756	0.625	45	455379 <sup>RC</sup>	S	3.750	4.751	4.756	0.500	45
• 455267	S	2.312	4.003	4.008	0.468	45	• 455379N	N	3.750	4.751	4.756	0.500	45
• 455271N	N	5.000	5.999	6.007	0.625	45	• 455380	S	2.375	3.623	3.628	0.468	45
• 455271V	V	5.000	6.001	6.007	0.625	45	• 455380N	N	2.375	3.623	3.628	0.468	45
455272	S	2.750	4.003	4.008	0.468	45	• 455380V	V	2.375	3.623	3.628	0.468	45
• 455273	S	5.500	6.499	6.507	0.625	45	• 455384	S	2.812	4.003	4.008	0.468	45
• 455273N	N	5.500	6.499	6.507	0.625	45	• 455389	S	3.625	4.499	4.504	0.468	45
• 455273V	V	5.500	6.499	6.507	0.625	45	• 455389V	V	3.625	4.499	4.504	0.468	45
• 455273VG0	V	5.500	6.499	6.507	0.625	45	• 455393	S	4.125	5.126	5.131	0.625	45
455280 <sup>RC</sup>	S	2.562	3.876	3.881	0.468	45	• 455394	S	3.125	5.251	5.256	0.468	45

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
• 455395	S	5.250	6.750	6.757	0.625	45	• 455608	S	3.977	5.376	5.381	0.500	45
<b>455396<sup>RC</sup></b>	<b>S</b>	<b>3.500</b>	<b>5.751</b>	<b>5.756</b>	<b>0.562</b>	<b>45</b>	• 455612	S	3.312	5.501	5.506	0.562	45
• 455402	S	3.562	5.751	5.756	0.562	45	• 455612N	N	3.312	5.501	5.506	0.562	45
455406	S	7.750	9.250	9.260	0.625	45	• 455613	S	3.375	4.249	4.254	0.625	45
• 455423	S	3.750	5.501	5.506	0.562	45	• 455614	S	4.812	6.499	6.507	0.625	45
455434 <sup>RC</sup>	S	2.687	3.500	3.505	0.500	45	• 455618	S	5.750	7.875	7.883	0.750	45
• 455436	S	3.625	5.751	5.756	0.562	45	• 455625	S	4.187	6.373	6.381	0.625	45
• 455437N	N	3.500	4.751	4.756	0.500	45	• 455636	S	2.187	3.500	3.505	0.500	45
455448	S	5.250	6.250	6.256	0.562	45	• 455645	S	5.250	6.500	6.507	0.562	45
• 455448N	N	5.250	6.250	6.256	0.562	45	• 455647	S	2.312	3.543	3.548	0.500	45
• 455448V	V	5.250	6.250	6.256	0.562	45	• 455650	S	2.375	4.376	4.381	0.625	45
• 455458	S	2.625	3.623	3.628	0.375	45	• 455652	S	5.625	7.125	7.133	0.625	45
• 455460	S	5.000	7.500	7.507	0.562	45	<b>455655<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>4.003</b>	<b>4.008</b>	<b>0.468</b>	<b>45</b>
• 455461	S	5.375	6.499	6.507	0.625	45	• 455659	S	2.125	3.500	3.505	0.500	45
• 455461N	N	5.375	6.500	6.507	0.625	45	• 455661	S	5.500	7.876	7.883	0.750	45
455462 <sup>RC</sup>	S	9.000	10.500	10.510	0.750	45	455685	S	4.625	5.875	5.881	0.625	45
• 455464	S	5.312	6.499	6.507	0.625	45	• 455685N	N	4.625	5.875	5.881	0.625	45
455471 <sup>RC</sup>	S	3.437	5.250	5.256	0.468	45	• 455697	S	3.875	5.125	5.131	0.500	45
• 455472	S	3.437	5.501	5.506	0.562	45	• 455712	S	4.250	5.251	5.256	0.625	45
• 455473	S	4.250	6.127	6.132	0.625	45	• 455712N	N	4.250	5.251	5.256	0.625	45
455475 <sup>RC</sup>	S	8.250	9.250	9.258	0.625	45	• 455719	S	2.750	3.876	3.882	0.500	45
455476	S	9.000	10.250	10.260	0.750	45	• 455725	S	5.000	6.001	6.007	0.500	45
455479	S	3.000	3.876	3.881	0.468	45	• 455725N	N	5.000	6.001	6.007	0.500	45
455479V	V	3.000	3.876	3.881	0.468	45	• 455728	S	2.375	3.750	3.756	0.500	45
455480 <sup>RC</sup>	S	6.250	7.500	7.508	0.562	45	• 455734	S	3.164	4.249	4.254	0.625	45
455480V	V	6.250	7.500	7.508	0.562	45	• 455799N	N	5.250	6.250	6.256	0.625	45
• 455483	S	2.625	3.500	3.505	0.375	45	455820 <sup>RC</sup>	S	3.000	4.875	4.881	0.625	45
• 455486	S	3.625	4.751	4.756	0.562	45	• 455824	S	5.125	6.251	6.256	0.562	45
• 455487	S	5.625	6.624	6.631	0.625	45	455828V <sup>RC</sup>	V	8.500	9.500	9.509	0.625	45
• 455487N	N	5.625	6.624	6.631	0.625	45	• 455832	S	3.625	5.375	5.381	0.500	45
• 455494N	N	5.187	6.499	6.507	0.625	45	• 455836	S	3.000	4.003	4.008	0.437	45
• 455495	S	5.125	6.499	6.507	0.625	45	• 455852	S	3.750	5.751	5.756	0.562	45
• 455498	S	3.562	4.499	4.504	0.468	45	455858 <sup>RC</sup>	S	3.437	4.756	4.761	0.562	45
• 455498N	N	3.562	4.499	4.504	0.468	45	455860	S	2.375	3.876	3.881	0.468	45
455499 <sup>RC</sup>	S	3.437	4.249	4.254	0.625	45	• 455861	S	4.375	6.064	6.071	0.625	45
455500 <sup>RC</sup>	S	3.298	4.125	4.130	0.562	45	• 455872	S	2.750	3.538	3.543	0.500	45
455509	S	3.000	3.936	3.941	0.500	45	• 455872V	V	2.750	3.538	3.543	0.500	45
• 455512	S	4.000	5.374	5.379	0.500	45	• 455894	S	3.375	4.376	4.381	0.500	45
455513 <sup>RC</sup>	S	4.000	5.626	5.631	0.500	45	• 455894N	N	3.375	4.376	4.381	0.500	45
455513N	N	4.000	5.626	5.631	0.500	45	• 455899	S	3.500	4.375	4.381	0.562	45
• 455526N	N	3.000	3.876	3.881	0.500	45	• 455911	S	2.625	3.623	3.629	0.500	45
455536 <sup>RC</sup>	S	1.750	3.543	3.548	0.500	45	• 455923N	N	3.550	4.376	4.381	0.375	45
455547	S	3.875	5.126	5.131	0.625	45	• 455937	S	3.625	4.751	4.756	0.500	45
• 455547N	N	3.875	5.126	5.131	0.625	45	• 455938	S	5.375	6.624	6.632	0.562	45
455556 <sup>RC</sup>	S	2.875	4.376	4.381	0.625	45	• 455942	S	5.356	6.500	6.507	0.562	45
• 455559	S	3.500	5.251	5.256	0.468	45	• 455947	S	3.625	4.874	4.879	0.625	45
<b>455566<sup>RC</sup></b>	<b>S</b>	<b>3.250</b>	<b>4.125</b>	<b>4.130</b>	<b>0.562</b>	<b>45</b>	455948 <sup>RC</sup>	S	6.875	7.875	7.883	0.625	45
• 455566N	N	3.250	4.125	4.130	0.562	45	• 455953N	N	4.000	4.999	5.004	0.500	45
• 455566V	V	3.250	4.125	4.130	0.562	45	455956H <sup>RC</sup>	H	5.187	6.500	6.507	0.625	45
• 455575	S	3.937	5.501	5.506	0.562	45	• 455956N	N	5.187	6.500	6.507	0.625	45
• 455576 <sup>RC</sup>	<b>S</b>	<b>5.375</b>	<b>6.499</b>	<b>6.507</b>	<b>0.562</b>	<b>45</b>	455958	S	3.875	5.376	5.381	0.500	45
• 455577	S	3.250	4.723	4.729	0.468	45	• 455960	S	2.750	3.876	3.881	0.375	45
455583N <sup>RC</sup>	N	6.187	7.500	7.507	0.562	45	• 455963N	N	3.750	4.751	4.756	0.484	45
455584 <sup>RC</sup>	S	6.875	8.375	8.382	0.625	45	455966 <sup>RC</sup>	S	8.750	10.500	10.510	0.750	45
• 455591	S	4.937	6.131	6.136	0.562	45	• 455984	S	2.750	3.623	3.628	0.375	45
• 455601	S	4.500	6.127	6.132	0.562	45	• 455991	S	3.500	4.501	4.506	0.468	45

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**



Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
455995N <sup>RC</sup>	N	3.000	4.003	4.008	0.375	45	• 456289	S	3.125	4.376	4.381	0.562	45
• 456003	S	3.625	4.624	4.629	0.500	45	• 456289N	N	3.125	4.375	4.381	0.562	45
• 456011	S	3.125	4.125	4.130	0.500	45	• 456290	S	3.250	4.376	4.381	0.562	45
• 456011V	V	3.125	4.125	4.130	0.500	45	• 456290V	V	3.250	4.376	4.381	0.562	45
• 456026	S	3.000	4.249	4.254	0.500	45	• 456294	S	3.375	4.249	4.254	0.500	45
• 456026V	V	3.000	4.249	4.254	0.500	45	• 456294N	N	3.375	4.249	4.254	0.500	45
• 456030N	N	4.500	5.501	5.506	0.500	45	• 456301	S	3.125	4.999	5.004	0.500	45
• 456039	S	5.750	7.500	7.508	0.562	45	<b>456305<sup>RC</sup></b>	<b>S</b>	<b>3.250</b>	<b>4.751</b>	<b>4.756</b>	<b>0.484</b>	<b>45</b>
• 456039N	N	5.750	7.500	7.508	0.562	45	• 456306	S	3.250	4.751	4.756	0.500	45
• 456041	S	3.750	4.626	4.632	0.500	45	• 456323	S	3.375	4.751	4.756	0.625	45
• 456043	S	3.875	5.751	5.756	0.562	45	• 456325	S	3.375	4.999	5.004	0.500	45
• 456047	S	3.625	4.625	4.631	0.500	45	• 456327	S	3.375	5.251	5.256	0.468	45
456055 <sup>RC</sup>	V	6.000	7.001	7.008	0.625	45	• 456331	S	3.500	4.999	5.004	0.500	45
• 456055N	N	6.000	7.001	7.008	0.625	45	• 456335	S	3.625	5.251	5.256	0.468	45
• 456055V	V	6.000	7.001	7.008	0.625	45	• 456339	S	3.750	4.999	5.004	0.500	45
456057 <sup>RC</sup>	S	1.937	3.751	3.756	0.500	45	• 456343	S	3.875	4.751	4.756	0.484	45
• 456068	S	3.500	4.376	4.381	0.625	45	• 456345	S	3.875	4.999	5.004	0.500	45
456105 <sup>RC</sup>	S	3.187	4.249	4.254	0.468	45	• 456345N	N	3.875	4.999	5.004	0.500	45
• 456107	S	5.500	6.750	6.758	0.575	45	• 456350	S	3.937	4.999	5.004	0.500	45
• 456111	S	2.843	4.501	4.506	0.375	45	• 456370	S	3.000	4.751	4.756	0.625	45
• 456112	S	5.375	7.874	7.881	0.750	45	• 456380	S	4.375	5.500	5.506	0.500	45
• 456112N	N	5.375	7.873	7.881	0.750	45	• 456389	S	3.625	5.501	5.506	0.562	45
• 456113	S	3.562	4.500	4.506	0.500	45	456462 <sup>RC</sup>	S	9.000	10.375	10.384	0.625	45
• 456113N	N	3.562	4.500	4.506	0.500	45	• 456472	S	2.375	3.623	3.628	0.500	45
• 456125	S	3.625	4.999	5.004	0.500	45	• 456476N	N	5.875	7.125	7.131	0.500	45
• 456127	S	3.750	5.376	5.381	0.500	45	• 456500	S	2.937	3.937	3.942	0.500	45
• 456128	S	3.875	5.501	5.506	0.562	45	• 456556	S	4.250	5.250	5.256	0.500	45
• 456130	S	4.000	5.376	5.381	0.500	45	456557 <sup>RC</sup>	V	5.125	6.125	6.131	0.500	45
• 456135	S	4.250	5.626	5.631	0.500	45	• 456557V	V	5.125	6.125	6.131	0.500	45
• 456136N	N	4.250	5.876	5.881	0.625	45	456618 <sup>RC</sup>	S	3.880	5.690	5.695	0.500	45
• 456136V	V	4.250	5.876	5.881	0.625	45	• 456619	S	2.562	3.623	3.628	0.500	45
456141 <sup>RC</sup>	S	4.312	5.376	5.381	0.500	45	• 456621V	V	4.875	6.000	6.006	0.562	45
• 456150	S	4.375	6.125	6.131	0.562	45	• 456622	S	2.250	3.350	3.355	0.500	45
• 456160	S	4.750	6.125	6.131	0.562	45	• 456624	S	3.500	4.376	4.381	0.500	45
• 456167	S	4.875	5.999	6.007	0.500	45	• 456626	S	3.875	4.876	4.881	0.500	45
• 456168	S	4.875	6.125	6.131	0.562	45	456641 <sup>RC</sup>	H	4.625	5.500	5.506	0.562	45
• 456174	S	5.375	6.374	6.382	0.625	45	• 456641HCR	H	4.625	5.500	5.506	0.562	45
• 456189	S	5.500	6.624	6.631	0.625	45	456648 <sup>RC</sup>	S	3.312	4.501	4.506	0.468	45
• 456190	S	5.500	6.874	6.882	0.625	45	• 456664	S	2.750	3.500	3.505	0.375	45
• 456190N	N	5.500	6.875	6.882	0.625	45	• 456666	S	5.750	7.001	7.008	0.562	45
456192 <sup>RC</sup>	S	5.500	7.500	7.507	0.562	45	• 456676	S	3.875	6.064	6.070	0.625	45
• 456192N	N	5.500	7.500	7.507	0.562	45	• 456724	S	7.000	8.377	8.384	0.750	45
• 456199	S	5.625	7.500	7.508	0.562	45	• 456733	S	3.062	4.331	4.336	0.500	45
• 456214	S	5.750	6.874	6.882	0.625	45	• 456744	S	3.625	4.375	4.381	0.375	45
• 456215	S	5.750	7.125	7.133	0.625	45	456744N <sup>RC</sup>	N	3.625	4.375	4.381	0.375	45
• 456219N	N	6.000	7.125	7.133	0.625	45	• 456792	S	2.250	3.623	3.628	0.500	45
• 456267	S	2.125	3.501	3.505	0.375	45	456799 <sup>RC</sup>	S	3.164	4.999	5.004	0.468	45
• 456269	S	2.187	3.543	3.548	0.500	45	• 456799SGR	S	3.164	4.999	5.004	0.468	45
• 456271	S	2.375	3.500	3.505	0.375	45	• 456800	S	4.500	6.001	6.007	0.500	45
• 456271V	V	2.375	3.500	3.505	0.375	45	• 456830	S	5.125	6.375	6.381	0.625	45
• 456273	S	2.500	3.623	3.628	0.375	45	456837V	V	2.843	4.003	4.008	0.500	45
• 456281N	N	2.750	4.125	4.130	0.562	45	• 456861	S	2.125	3.350	3.355	0.500	45
• 456282	S	2.750	4.249	4.254	0.468	45	• 456865	S	5.000	6.250	6.256	0.500	45
• 456286	S	2.875	4.249	4.254	0.625	45	456865N	N	5.000	6.250	6.256	0.500	45
• 456287	S	3.125	4.249	4.254	0.468	45	• 456865V	V	5.000	6.250	6.256	0.500	45
• 456288	S	3.125	4.249	4.254	0.500	45	• 456873	S	4.000	5.689	5.695	0.500	45

**NUMERIC SECTION**

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>450000 SERIES (cont.)</b>							<b>450000 SERIES (cont.)</b>						
• 456876	S	2.750	3.623	3.628	0.500	45	• 457382N	N	4.000	4.998	5.004	0.375	45
• 456886	S	2.875	4.003	4.008	0.500	45	• 457557	S	5.750	7.500	7.506	0.500	45
• 456887	S	4.000	5.500	5.506	0.500	45	457585 <sup>RC</sup>	S	4.562	6.250	6.256	0.500	45
• 456888	S	4.500	5.500	5.506	0.500	45	• 457599	S	3.500	4.376	4.381	0.375	45
• 456888N	N	4.500	5.500	5.506	0.500	45	• 457649V	V	4.000	5.125	5.130	0.312	45
• 456888V	V	4.500	5.500	5.506	0.500	45	• 457661V	V	4.250	5.876	5.881	0.500	45
• 456889	S	4.187	5.500	5.506	0.500	45	457874 <sup>RC</sup>	S	6.125	7.627	7.633	0.625	45
456890 <sup>RC</sup>	S	4.812	6.250	6.256	0.500	45	• 457961	S	3.312	5.125	5.131	0.500	45
• 456891	S	4.250	5.500	5.506	0.500	45	457997 <sup>RC</sup>	S	10.500	12.000	12.008	0.625	45
• 456892	S	4.500	5.750	5.756	0.500	45	458301	V	4.625	5.626	5.631	0.500	45
• 456909	S	3.125	3.937	3.942	0.500	45	458302	V	6.500	7.500	7.506	0.500	45
456919V	V	3.687	4.501	4.506	0.500	45	458303	V	5.750	7.000	7.006	0.500	45
• 456921	S	2.875	4.003	4.008	0.375	45	458304	V	4.250	5.251	5.256	0.438	45
• 456946N	N	4.000	5.250	5.256	0.375	45	458305	V	5.500	6.750	6.756	0.500	45
• 456967N	N	4.000	5.000	5.005	0.312	45	458306	V	4.500	5.501	5.506	0.438	45
456967V <sup>RC</sup>	V	4.000	5.000	5.005	0.312	45	458307	V	2.438	3.500	3.505	0.438	45
• 456981	S	3.875	4.751	4.756	0.500	45	458308	V	1.938	2.875	2.879	0.313	45
• 457134	S	2.875	4.125	4.130	0.375	45	458309	V	3.938	4.999	5.004	0.438	45
• 457158	S	2.875	3.876	3.881	0.375	45	458310	V	5.625	6.625	6.631	0.500	45
• 457163	S	3.000	4.501	4.506	0.468	45	458311	S	9.000	11.000	11.008	0.625	45
• 457165	S	3.000	4.750	4.756	0.500	45	458312	S	10.250	11.250	11.258	0.563	45
• 457171	S	3.125	4.375	4.381	0.500	45	458313	S	11.500	13.000	13.008	0.625	45
• 457172	S	3.125	4.500	4.506	0.500	45	458314	S	8.500	9.750	9.758	0.625	45
• 457173	S	3.125	4.625	4.631	0.500	45	<b>470000 SERIES</b>						
• 457181	S	3.250	4.376	4.381	0.500	45	416273V <sup>RC</sup>	V	2.500	3.623	3.628	0.375	47
• 457191	S	3.375	4.500	4.506	0.500	45	470004 <sup>RC</sup>	S	0.468	1.124	1.126	0.375	47
• 457196	S	3.500	4.625	4.631	0.500	45	470005 <sup>RC</sup>	S	0.500	1.124	1.128	0.375	47
• 457205	S	3.750	4.875	4.881	0.500	45	• 470007	S	0.562	1.124	1.128	0.375	47
• 457247	S	4.750	6.001	6.007	0.500	45	• 470009N	N	0.625	1.124	1.128	0.375	47
• 457247N	N	4.750	6.001	6.007	0.500	45	• 470016	S	0.562	1.250	1.254	0.375	47
• 457254	S	5.500	6.500	6.507	0.562	45	• 470021	S	0.562	1.375	1.379	0.406	47
• 457262	S	5.250	6.250	6.256	0.500	45	470027 <sup>RC</sup>	S	0.750	1.375	1.379	0.406	47
• 457262N	N	5.250	6.250	6.256	0.500	45	470034 <sup>RC</sup>	S	0.781	1.828	1.832	0.437	47
• 457278	S	5.000	6.375	6.381	0.500	45	470041 <sup>RC</sup>	S	1.000	1.828	1.832	0.437	47
• 457295 <sup>RC</sup>	<b>S</b>	<b>4.437</b>	<b>5.500</b>	<b>5.506</b>	<b>0.562</b>	<b>25</b>	470045 <sup>RC</sup>	S	1.125	1.828	1.832	0.437	47
• 457316	S	2.750	3.751	3.756	0.375	45	470049 <sup>RC</sup>	S	1.250	1.983	1.987	0.437	47
• 457343	S	2.625	3.751	3.756	0.375	45	• 470050 <sup>RC</sup>	<b>S</b>	<b>1.281</b>	<b>1.983</b>	<b>1.987</b>	<b>0.437</b>	<b>47</b>
• 457344	S	2.875	3.751	3.756	0.375	45	• 470055	S	1.375	2.374	2.378	0.500	47
• 457349	S	3.000	3.751	3.756	0.437	45	470055N <sup>RC</sup>	N	1.375	2.374	2.378	0.500	47
• 457350	S	3.000	3.876	3.881	0.437	45	470059 <sup>RC</sup>	S	1.500	2.374	2.378	0.500	47
• 457351	S	3.000	4.125	4.130	0.437	45	• 470059N	N	1.500	2.374	2.378	0.500	47
• 457352	S	3.250	4.500	4.506	0.500	45	• 470061	S	1.375	2.437	2.441	0.468	47
• 457353	S	3.250	4.626	4.632	0.500	45	470062 <sup>RC</sup>	S	1.437	2.437	2.441	0.468	47
• 457354	S	3.375	4.626	4.632	0.500	45	470064 <sup>RC</sup>	S	1.562	2.437	2.441	0.468	47
• 457355	S	3.625	4.875	4.881	0.500	45	470066 <sup>RC</sup>	S	1.625	2.437	2.441	0.468	47
• 457356	S	4.000	5.125	5.131	0.500	45	• 470069	S	1.625	2.623	2.627	0.500	47
• 457357	S	4.000	5.250	5.256	0.500	45	• 470071	S	1.875	2.623	2.627	0.500	47
• 457358	S	5.250	6.375	6.381	0.500	45	470074 <sup>RC</sup>	S	1.687	2.686	2.690	0.500	47
• 457359	S	5.250	6.625	6.632	0.562	45	470077 <sup>RC</sup>	S	1.500	2.758	2.762	0.500	47
• 457360	S	5.500	6.625	6.632	0.562	45	• 470085	S	2.000	2.996	3.001	0.500	47
• 457361	S	5.500	6.875	6.882	0.562	45	• 470085N	N	2.000	2.996	3.001	0.500	47
• 457362	S	5.750	6.750	6.757	0.562	45	• 470086 <sup>RC</sup>	<b>S</b>	<b>1.687</b>	<b>3.062</b>	<b>3.066</b>	<b>0.500</b>	<b>47</b>
• 457363	S	5.750	6.875	6.882	0.562	45	• 470088 <sup>RC</sup>	<b>S</b>	<b>1.750</b>	<b>3.189</b>	<b>3.194</b>	<b>0.437</b>	<b>47</b>
• 457364	S	5.750	7.125	7.132	0.562	45	• 470095	S	2.000	3.189	3.194	0.437	47
• 457365	S	6.000	7.125	7.132	0.562	45	• 470098	S	2.187	3.350	3.355	0.468	47
• 457366	S	3.875	5.250	5.256	0.500	45							

NUMERIC SECTION



# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
• 470101	S	2.375	3.350	3.355	0.468	47	• 470309	S	1.937	3.125	3.130	0.500	47
• 470101N	N	2.375	3.350	3.355	0.468	47	• 470310	S	2.000	3.125	3.130	0.500	47
• 470102N	N	2.000	3.371	3.376	0.468	47	• 470312	S	2.125	3.125	3.130	0.500	47
• 470109	S	1.562	2.750	2.754	0.500	47	• 470312N	N	2.125	3.125	3.130	0.500	47
• 470115	S	2.125	2.996	3.001	0.500	47	• 470314	S	2.125	3.251	3.256	0.500	47
470119 <sup>RC</sup>	S	0.500	0.999	1.003	0.375	47	• 470314N	N	2.125	3.251	3.256	0.500	47
470120 <sup>RC</sup>	S	1.000	1.499	1.503	0.390	47	• 470315	S	2.187	3.251	3.256	0.500	47
• 470120N	N	1.000	1.499	1.503	0.390	47	• 470316	S	2.250	3.251	3.256	0.500	47
• 470121	S	2.125	3.189	3.194	0.437	47	• 470317	S	2.312	3.251	3.256	0.500	47
• 470132	S	2.250	3.371	3.376	0.468	47	• 470320	S	2.375	3.189	3.194	0.437	47
470135 <sup>RC</sup>	S	1.375	2.125	2.129	0.437	47	• 470322	S	2.437	3.251	3.256	0.500	47
• 470135N	N	1.375	2.125	2.129	0.437	47	470328 <sup>RC</sup>	S	1.187	1.686	1.690	0.375	47
470138V <sup>RC,CW</sup>	V	1.937	2.686	2.690	0.500	47	• 470330	S	2.500	3.371	3.376	0.468	47
• 470139	S	2.187	2.996	3.001	0.500	47	• 470330N	N	2.500	3.371	3.376	0.468	47
• 470140	S	1.250	1.752	1.756	0.437	47	470331N	N	1.843	2.750	2.754	0.500	47
470140N <sup>RC</sup>	N	1.250	1.752	1.756	0.437	47	<b>470334<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>2.686</b>	<b>2.690</b>	<b>0.375</b>	<b>47</b>
470141 <sup>RC</sup>	S	0.750	1.250	1.254	0.375	47	470336 <sup>RC</sup>	S	1.187	2.250	2.254	0.500	47
• 470157	S	1.000	2.000	2.004	0.437	47	470347 <sup>RC</sup>	S	1.187	2.437	2.441	0.468	47
470162 <sup>RC</sup>	S	1.187	2.000	2.004	0.437	47	• 470350	S	2.375	3.371	3.376	0.468	47
• 470162N	N	1.187	2.000	2.004	0.437	47	<b>470351<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>2.437</b>	<b>2.441</b>	<b>0.468</b>	<b>47</b>
470163 <sup>RC</sup>	S	1.250	2.000	2.004	0.437	47	• 470352	S	1.750	2.502	2.506	0.500	47
• 470163N	N	1.250	2.000	2.004	0.437	47	<b>470354<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>3.189</b>	<b>3.194</b>	<b>0.437</b>	<b>47</b>
470163V <sup>RC</sup>	V	1.250	2.000	2.004	0.437	47	470358 <sup>RC</sup>	S	1.625	2.374	2.378	0.500	47
470165 <sup>RC</sup>	S	1.250	2.250	2.254	0.500	47	• 470360	S	2.000	2.686	2.690	0.500	47
470169 <sup>RC</sup>	S	1.375	2.250	2.254	0.500	47	470361 <sup>RC</sup>	S	1.750	2.561	2.565	0.500	47
• 470171	S	1.437	2.250	2.254	0.500	47	470361V <sup>RC</sup>	V	1.750	2.561	2.565	0.500	47
• 470171N	N	1.437	2.250	2.254	0.500	47	470362 <sup>RC</sup>	S	1.156	2.125	2.129	0.437	47
• 470183	S	1.750	2.750	2.754	0.500	47	• 470368V	V	1.250	2.125	2.129	0.268	47
470189 <sup>RC</sup>	S	1.125	1.752	1.756	0.437	47	<b>470380<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.375</b>	<b>2.378</b>	<b>0.312</b>	<b>47</b>
• 470189N	N	1.125	1.752	1.756	0.437	47	470380V <sup>RC</sup>	V	1.500	2.375	2.378	0.312	47
• 470194	S	1.625	2.502	2.506	0.500	47	• 470389	S	2.000	2.750	2.754	0.500	47
470195 <sup>RC</sup>	S	0.312	0.999	1.003	0.375	47	• 470389N	N	2.000	2.750	2.754	0.500	47
470199 <sup>RC</sup>	S	0.437	0.999	1.003	0.375	47	<b>470390<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>
• 470199N	N	0.437	0.999	1.003	0.375	47	• 470390N	N	0.750	1.874	1.878	0.250	47
• 470199V	V	0.437	0.999	1.003	0.375	47	470394 <sup>RC</sup>	S	1.500	2.125	2.129	0.437	47
• 470202	S	0.562	0.999	1.003	0.375	47	470394N <sup>RC</sup>	N	1.500	2.125	2.129	0.437	47
470207 <sup>RC</sup>	S	0.906	1.499	1.503	0.390	47	470398 <sup>RC</sup>	S	0.875	1.374	1.378	0.406	47
470211 <sup>RC</sup>	S	0.750	1.624	1.628	0.437	47	470403 <sup>RC</sup>	S	1.375	2.062	2.066	0.437	47
470219 <sup>RC</sup>	S	1.000	1.624	1.628	0.437	47	470409 <sup>RC</sup>	S	1.937	2.412	2.416	0.468	47
• 470219N	N	1.000	1.624	1.628	0.437	47	• 470410	S	2.000	2.623	2.627	0.500	47
470230 <sup>RC</sup>	S	1.000	1.752	1.756	0.437	47	• 470418	S	1.562	2.875	2.879	0.468	47
470236 <sup>RC</sup>	S	1.125	1.874	1.878	0.437	47	• 470433	S	2.250	3.125	3.130	0.500	47
470241 <sup>RC</sup>	S	1.125	2.062	2.066	0.437	47	• 470441	S	2.250	2.996	3.001	0.500	47
• 470241V	V	1.125	2.062	2.066	0.437	47	• 470441V	V	2.250	2.996	3.001	0.500	47
470244 <sup>RC</sup>	S	1.250	2.062	2.066	0.437	47	• 470442V	V	1.181	2.835	2.840	0.374	47
470245 <sup>RC</sup>	S	1.250	2.125	2.129	0.437	47	470451 <sup>RC</sup>	S	1.500	2.062	2.066	0.437	47
• 470267	S	1.812	2.623	2.627	0.500	47	• 470453	S	1.437	2.125	2.129	0.437	47
• 470267V	V	1.812	2.623	2.627	0.500	47	• 470453N	N	1.437	2.125	2.129	0.437	47
• 470283	S	1.875	2.758	2.762	0.500	47	• 470455	S	1.937	2.623	2.627	0.500	47
• 470283N	N	1.875	2.758	2.762	0.500	47	<b>470460<sup>RC</sup></b>	<b>S</b>	<b>1.687</b>	<b>2.561</b>	<b>2.565</b>	<b>0.500</b>	<b>47</b>
• 470300	S	1.937	3.000	3.005	0.500	47	470487 <sup>RC</sup>	S	1.500	2.686	2.690	0.500	47
• 470301	S	2.000	3.000	3.005	0.500	47	<b>470487N<sup>RC</sup></b>	<b>N</b>	<b>1.500</b>	<b>2.686</b>	<b>2.690</b>	<b>0.500</b>	<b>47</b>
• 470303	S	2.125	3.000	3.005	0.500	47	• 470489	S	2.187	2.875	2.879	0.468	47
• 470303N	N	2.125	3.000	3.005	0.500	47	• 470494	S	1.750	2.502	2.506	0.375	47
• 470308	S	2.125	3.061	3.066	0.500	47	• 470494N	N	1.750	2.502	2.506	0.375	47
470308N <sup>RC</sup>	N	2.125	3.061	3.066	0.500	47	• 470496	S	2.500	3.350	3.355	0.468	47

NUMERIC SECTION



Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
470503 <sup>RC</sup>	S	1.312	2.437	2.441	0.468	47	• 470824	S	1.969	2.756	2.760	0.354	47
470506 <sup>RC</sup>	S	0.718	1.250	1.254	0.375	47	• 470825	S	2.375	3.623	3.628	0.375	47
470515 <sup>RC</sup>	S	0.812	1.561	1.565	0.375	47	• 470867	S	2.125	2.875	2.879	0.437	47
• 470519	S	2.500	3.251	3.256	0.500	47	• 470867N	N	2.125	2.875	2.879	0.437	47
• 470519N	S	2.500	3.251	3.256	0.500	47	470895 <sup>RC</sup>	S	0.750	1.375	1.379	0.312	47
• 470520	S	2.250	3.000	3.005	0.500	47	<b>470898<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>2.875</b>	<b>2.879</b>	<b>0.375</b>	<b>47</b>
• 470520N	N	2.250	3.000	3.005	0.500	47	• 470898N	N	2.125	2.875	2.879	0.375	47
<b>470530<sup>RC</sup></b>	<b>S</b>	<b>2.000</b>	<b>2.996</b>	<b>3.001</b>	<b>0.375</b>	<b>47</b>	470898V <sup>RC</sup>	V	2.125	2.875	2.879	0.375	47
470530V <sup>RC</sup>	V	2.000	2.996	3.001	0.375	47	• 470903	S	1.562	2.502	2.506	0.375	47
470543 <sup>RC</sup>	S	2.000	2.717	2.720	0.468	47	470946 <sup>RC</sup>	S	1.187	2.686	2.690	0.500	47
470547 <sup>RC</sup>	S	2.882	3.431	3.436	0.291	47	470950 <sup>RC</sup>	S	1.375	2.437	2.441	0.375	47
470548 <sup>RC</sup>	S	1.500	2.250	2.254	0.375	47	<b>470954<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>
• 470552	S	2.375	3.125	3.130	0.500	47	• 470954N	N	0.750	1.250	1.254	0.250	47
• 470552N	N	2.375	3.125	3.130	0.500	47	470954V <sup>RC</sup>	V	0.750	1.250	1.254	0.250	47
470553 <sup>RC</sup>	S	1.000	1.499	1.503	0.312	47	• 470961	S	2.562	3.371	3.376	0.468	47
• 470553N	N	1.000	1.499	1.503	0.312	47	• 470972	S	2.125	3.371	3.376	0.468	47
470557 <sup>RC</sup>	S	0.625	1.377	1.381	0.406	47	• 470975	S	0.625	1.499	1.503	0.390	47
<b>470565<sup>RC</sup></b>	<b>S</b>	<b>2.375</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>	470987	S	2.375	3.481	3.486	0.437	47
• 470565V	V	2.375	3.125	3.130	0.375	47	• 470988	S	2.375	3.061	3.066	0.500	47
470567 <sup>RC</sup>	S	0.875	1.375	1.379	0.312	47	• 470988N	N	2.375	3.061	3.066	0.500	47
470567N <sup>RC</sup>	N	0.875	1.375	1.379	0.312	47	470989 <sup>RC</sup>	S	1.375	3.000	3.005	0.500	47
• 470567V	V	0.875	1.375	1.379	0.312	47	471015 <sup>RC</sup>	S	0.937	1.375	1.379	0.312	47
470574N <sup>RC</sup>	N	2.375	3.251	3.256	0.500	47	471076 <sup>RC</sup>	S	1.031	1.575	1.579	0.312	47
<b>470590<sup>RC</sup></b>	<b>S</b>	<b>0.875</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>	• 471091	S	2.000	3.062	3.066	0.500	47
<b>470596<sup>RC</sup></b>	<b>S</b>	<b>1.687</b>	<b>2.835</b>	<b>2.839</b>	<b>0.468</b>	<b>47</b>	• 471091N	N	2.000	3.062	3.066	0.500	47
470596V <sup>RC</sup>	V	1.687	2.835	2.839	0.468	47	471103 <sup>RC</sup>	S	0.375	0.999	1.004	0.250	47
<b>470601<sup>RC</sup></b>	<b>S</b>	<b>0.781</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>	<b>471105<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.875</b>	<b>2.879</b>	<b>0.468</b>	<b>47</b>
<b>470605<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.371</b>	<b>3.376</b>	<b>0.375</b>	<b>47</b>	• 471122	S	1.750	2.437	2.441	0.375	47
470606 <sup>RC</sup>	S	1.062	1.686	1.690	0.375	47	• 471131	S	1.375	2.374	2.378	0.375	47
<b>470625<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.250</b>	<b>2.254</b>	<b>0.312</b>	<b>47</b>	• 471131N	N	1.375	2.374	2.378	0.375	47
• 470625N	N	1.500	2.250	2.254	0.312	47	• 471133	S	1.125	1.752	1.756	0.375	47
470625V <sup>RC</sup>	V	1.500	2.250	2.254	0.312	47	<b>471137<sup>RC</sup></b>	<b>S</b>	<b>0.875</b>	<b>1.828</b>	<b>1.832</b>	<b>0.375</b>	<b>47</b>
• 470642	S	1.125	2.000	2.004	0.500	47	<b>471138<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>
470645 <sup>RC</sup>	S	0.875	2.000	2.004	0.437	47	• 471139	S	1.875	3.000	3.005	0.375	47
• 470650	S	0.562	1.000	1.004	0.312	47	<b>471141<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>2.875</b>	<b>2.879</b>	<b>0.375</b>	<b>47</b>
470672 <sup>RC</sup>	S	1.399	2.250	2.254	0.250	47	471141V <sup>RC</sup>	V	1.750	2.875	2.879	0.375	47
470680 <sup>RC</sup>	S	0.875	1.499	1.503	0.312	47	• 471150	S	1.625	2.374	2.378	0.375	47
• 470681	S	2.187	3.125	3.130	0.500	47	471169 <sup>RC</sup>	S	1.750	2.411	2.415	0.380	47
<b>470682<sup>RC</sup></b>	<b>S</b>	<b>1.562</b>	<b>2.623</b>	<b>2.627</b>	<b>0.312</b>	<b>47</b>	471169N <sup>RC</sup>	N	1.750	2.411	2.415	0.380	47
• 470684	S	1.562	2.441	2.445	0.500	47	• 471171	S	0.984	1.500	1.504	0.312	47
<b>470687<sup>RC</sup></b>	<b>S</b>	<b>1.687</b>	<b>3.125</b>	<b>3.130</b>	<b>0.500</b>	<b>47</b>	<b>471192<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.125</b>	<b>2.129</b>	<b>0.312</b>	<b>47</b>
• 470687N	N	1.687	3.125	3.130	0.500	47	• 471192N	N	1.375	2.125	2.129	0.312	47
• 470706	S	1.250	1.979	1.983	0.375	47	471192V <sup>RC</sup>	V	1.375	2.125	2.129	0.312	47
<b>470712<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	471193 <sup>RC</sup>	S	1.301	2.000	2.004	0.437	47
• 470712N	N	1.125	1.874	1.878	0.250	47	<b>471195<sup>RC</sup></b>	<b>S</b>	<b>1.937</b>	<b>2.502</b>	<b>2.506</b>	<b>0.375</b>	<b>47</b>
<b>470712V<sup>RC</sup></b>	<b>V</b>	<b>1.125</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	• 471211	S	0.493	1.000	1.004	0.250	47
470737 <sup>RC</sup>	S	2.250	3.189	3.194	0.437	47	<b>471224<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>47</b>
470737N <sup>RC</sup>	N	2.250	3.189	3.194	0.437	47	• 471224N	N	1.000	1.499	1.503	0.250	47
470764 <sup>RC</sup>	S	2.375	2.996	3.001	0.500	47	471224V <sup>RC</sup>	V	1.000	1.499	1.503	0.250	47
<b>470774<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.062</b>	<b>2.066</b>	<b>0.375</b>	<b>47</b>	<b>471231<sup>RC</sup></b>	<b>S</b>	<b>0.812</b>	<b>1.375</b>	<b>1.379</b>	<b>0.312</b>	<b>47</b>
• 470774N	N	1.375	2.062	2.066	0.375	47	471231V <sup>RC</sup>	V	0.812	1.375	1.379	0.312	47
470774V <sup>RC</sup>	V	1.375	2.062	2.066	0.375	47	• 471246	S	1.250	1.874	1.878	0.437	47
• 470791	S	0.625	1.124	1.128	0.312	47	<b>471255<sup>RC</sup></b>	<b>S</b>	<b>0.625</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>47</b>
• 470791N	N	0.625	1.124	1.128	0.312	47	471255V <sup>RC</sup>	V	0.625	1.375	1.379	0.250	47
<b>470806<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.835</b>	<b>2.839</b>	<b>0.468</b>	<b>47</b>	<b>471264<sup>RC</sup></b>	<b>S</b>	<b>0.625</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>
470808 <sup>RC</sup>	S	1.437	2.750	2.754	0.500	47	471264V <sup>RC</sup>	V	0.625	1.250	1.254	0.250	47

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
471267 <sup>RC</sup>	S	0.875	1.375	1.379	0.250	47	• 471509	S	2.500	3.250	3.256	0.437	47
• 471267H <sup>RC</sup>	H	0.875	1.375	1.379	0.250	47	• 471509V	V	2.500	3.250	3.256	0.437	47
471267V <sup>RC</sup>	V	0.875	1.375	1.379	0.250	47	471516 <sup>RC</sup>	S	1.000	2.441	2.445	0.375	47
471268N <sup>RC</sup>	N	1.375	2.000	2.004	0.375	47	<b>471526<sup>RC</sup></b>	<b>S</b>	<b>0.500</b>	<b>1.124</b>	<b>1.128</b>	<b>0.250</b>	<b>47</b>
• 471268V	V	1.375	2.000	2.004	0.375	47	471526V <sup>RC</sup>	V	0.500	1.124	1.128	0.250	47
<b>471270<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>1.561</b>	<b>1.565</b>	<b>0.250</b>	<b>47</b>	<b>471529<sup>RC</sup></b>	<b>S</b>	<b>0.687</b>	<b>1.124</b>	<b>1.128</b>	<b>0.250</b>	<b>47</b>
471270V <sup>RC</sup>	V	1.000	1.561	1.565	0.250	47	• 471529SSR	S	0.687	1.124	1.128	0.250	47
<b>471271<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.251</b>	<b>3.256</b>	<b>0.375</b>	<b>47</b>	<b>471530<sup>RC</sup></b>	<b>S</b>	<b>0.531</b>	<b>1.124</b>	<b>1.128</b>	<b>0.312</b>	<b>47</b>
471271V <sup>RC</sup>	V	2.500	3.251	3.256	0.375	47	471532 <sup>RC</sup>	S	0.593	1.124	1.128	0.312	47
<b>471272<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>	<b>471535<sup>RC</sup></b>	<b>S</b>	<b>0.562</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>
471272N <sup>RC</sup>	N	2.250	3.000	3.005	0.375	47	<b>471538<sup>RC</sup></b>	<b>S</b>	<b>0.687</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>
471272V <sup>RC</sup>	V	2.250	3.000	3.005	0.375	47	<b>471539<sup>RC</sup></b>	<b>S</b>	<b>0.812</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>
<b>471276<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.441</b>	<b>2.445</b>	<b>0.375</b>	<b>47</b>	<b>471549<sup>RC</sup></b>	<b>S</b>	<b>0.500</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>47</b>
• 471276N	N	1.375	2.441	2.445	0.375	47	<b>471551<sup>RC</sup></b>	<b>S</b>	<b>0.562</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>47</b>
471276V <sup>RC</sup>	V	1.375	2.441	2.445	0.375	47	<b>471553<sup>RC</sup></b>	<b>S</b>	<b>0.687</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>47</b>
<b>471281<sup>RC</sup></b>	<b>S</b>	<b>0.562</b>	<b>1.124</b>	<b>1.128</b>	<b>0.250</b>	<b>47</b>	<b>471554<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>47</b>
• 471288N	N	1.750	2.374	2.378	0.375	47	• 471554N	N	0.750	1.375	1.379	0.250	47
• 471289	S	1.625	2.251	2.256	0.375	47	471554V <sup>RC</sup>	V	0.750	1.375	1.379	0.250	47
• 471294	S	0.500	1.124	1.128	0.312	47	<b>471558<sup>RC</sup></b>	<b>S</b>	<b>0.593</b>	<b>1.375</b>	<b>1.379</b>	<b>0.312</b>	<b>47</b>
• 471297	S	0.687	1.125	1.129	0.312	47	<b>471564<sup>RC</sup></b>	<b>S</b>	<b>0.625</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>47</b>
• 471297N	N	0.687	1.125	1.129	0.312	47	<b>471567<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>47</b>
• 471315	S	0.562	0.999	1.003	0.250	47	<b>471570<sup>RC</sup></b>	<b>S</b>	<b>0.875</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>47</b>
<b>471316<sup>RC</sup></b>	<b>S</b>	<b>1.562</b>	<b>2.686</b>	<b>2.690</b>	<b>0.375</b>	<b>47</b>	471570V <sup>RC</sup>	V	0.875	1.499	1.503	0.250	47
• 471324	S	0.625	1.375	1.379	0.312	47	<b>471571<sup>RC</sup></b>	<b>S</b>	<b>0.937</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>47</b>
471337 <sup>RC</sup>	S	0.781	1.752	1.756	0.312	47	471571V <sup>RC</sup>	V	0.937	1.499	1.503	0.250	47
• 471338	S	2.187	3.000	3.005	0.500	47	• 471577	S	0.625	1.499	1.503	0.312	47
<b>471341<sup>RC</sup></b>	<b>S</b>	<b>2.250</b>	<b>2.996</b>	<b>3.001</b>	<b>0.437</b>	<b>47</b>	<b>471579<sup>RC</sup></b>	<b>S</b>	<b>0.687</b>	<b>1.499</b>	<b>1.503</b>	<b>0.312</b>	<b>47</b>
471341N <sup>RC</sup>	N	2.250	2.996	3.001	0.437	47	<b>471612<sup>RC</sup></b>	<b>S</b>	<b>0.625</b>	<b>1.575</b>	<b>1.579</b>	<b>0.312</b>	<b>47</b>
<b>471344<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.441</b>	<b>2.445</b>	<b>0.375</b>	<b>47</b>	<b>471619<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>2.062</b>	<b>2.066</b>	<b>0.250</b>	<b>47</b>
<b>471354<sup>RC</sup></b>	<b>S</b>	<b>1.187</b>	<b>2.062</b>	<b>2.066</b>	<b>0.250</b>	<b>47</b>	<b>471633<sup>RC</sup></b>	<b>S</b>	<b>0.875</b>	<b>1.577</b>	<b>1.581</b>	<b>0.250</b>	<b>47</b>
• 471376	S	2.250	3.500	3.505	0.375	47	• 471633N	N	0.875	1.577	1.581	0.250	47
471379 <sup>RC</sup>	S	1.375	3.150	3.154	0.375	47	471642 <sup>RC</sup>	S	0.687	1.624	1.628	0.250	47
<b>471391<sup>RC</sup></b>	<b>S</b>	<b>1.937</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>	<b>471643<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
• 471394	S	2.312	3.251	3.256	0.375	47	<b>471645<sup>RC</sup></b>	<b>S</b>	<b>0.812</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
471405 <sup>RC</sup>	S	1.437	3.000	3.005	0.500	47	471645V <sup>RC</sup>	V	0.812	1.624	1.628	0.250	47
<b>471407<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.441</b>	<b>2.445</b>	<b>0.375</b>	<b>47</b>	<b>471646<sup>RC</sup></b>	<b>S</b>	<b>0.875</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
<b>471413<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>	<b>471647<sup>RC</sup></b>	<b>S</b>	<b>0.937</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
• 471413N	N	1.250	1.752	1.756	0.250	47	<b>471648<sup>RC</sup></b>	<b>S</b>	<b>0.968</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
471413V <sup>RC</sup>	V	1.250	1.752	1.756	0.250	47	<b>471649<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
471419 <sup>RC</sup>	S	1.625	2.437	2.441	0.375	47	<b>471649V<sup>RC</sup></b>	<b>V</b>	<b>1.000</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
<b>471424<sup>RC</sup></b>	<b>S</b>	<b>2.000</b>	<b>2.623</b>	<b>2.627</b>	<b>0.312</b>	<b>47</b>	<b>471651<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
471424V <sup>RC</sup>	V	2.000	2.623	2.627	0.312	47	<b>471652<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
<b>471442<sup>RC</sup></b>	<b>S</b>	<b>0.500</b>	<b>0.999</b>	<b>1.003</b>	<b>0.250</b>	<b>47</b>	• 471652N	N	1.125	1.624	1.628	0.250	47
• 471442N	N	0.500	0.999	1.003	0.250	47	<b>471652V<sup>RC</sup></b>	<b>V</b>	<b>1.125</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>47</b>
471442V <sup>RC</sup>	V	0.500	0.999	1.003	0.250	47	<b>471653<sup>RC</sup></b>	<b>S</b>	<b>0.625</b>	<b>1.624</b>	<b>1.628</b>	<b>0.312</b>	<b>47</b>
471443 <sup>RC</sup>	S	0.781	1.375	1.379	0.250	47	<b>471684<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>
• 471443N	N	0.781	1.375	1.379	0.250	47	<b>471686<sup>RC</sup></b>	<b>S</b>	<b>0.812</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>
<b>471466<sup>RC</sup></b>	<b>S</b>	<b>0.625</b>	<b>1.124</b>	<b>1.128</b>	<b>0.250</b>	<b>47</b>	<b>471688<sup>RC</sup></b>	<b>S</b>	<b>0.968</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>
• 471466N	N	0.625	1.124	1.128	0.250	47	<b>471689<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>
471466V <sup>RC</sup>	V	0.625	1.124	1.128	0.250	47	471689V <sup>RC</sup>	V	1.000	1.752	1.756	0.250	47
<b>471472<sup>RC</sup></b>	<b>S</b>	<b>0.500</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>47</b>	<b>471692<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>
• 471475	S	2.625	3.543	3.548	0.500	47	• 471692N	N	1.125	1.752	1.756	0.250	47
<b>471498<sup>RC</sup></b>	<b>S</b>	<b>0.750</b>	<b>1.575</b>	<b>1.579</b>	<b>0.312</b>	<b>47</b>	471692V <sup>RC</sup>	V	1.125	1.752	1.756	0.250	47
<b>471504<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>2.437</b>	<b>2.441</b>	<b>0.312</b>	<b>47</b>	• 471695	S	0.625	1.752	1.756	0.312	47
• 471507	S	1.500	2.252	2.256	0.375	47	471698 <sup>RC</sup>	S	0.750	1.752	1.756	0.312	47
• 471507N	N	1.500	2.252	2.256	0.375	47	• 471698V	V	0.750	1.752	1.756	0.312	47

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
• 471703	S	1.000	1.752	1.756	0.312	47	• 471866N	N	1.812	2.686	2.690	0.375	47
<b>471705<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>1.752</b>	<b>1.756</b>	<b>0.312</b>	<b>47</b>	<b>471868<sup>RC</sup></b>	<b>S</b>	<b>1.875</b>	<b>2.686</b>	<b>2.690</b>	<b>0.375</b>	<b>47</b>
• 471706	S	1.125	1.752	1.756	0.312	47	471869 <sup>RC</sup>	S	1.937	2.686	2.690	0.375	47
• 471706N	N	1.125	1.752	1.756	0.312	47	• 471869N	N	1.937	2.686	2.690	0.375	47
471707 <sup>RC</sup>	S	1.156	1.752	1.756	0.312	47	<b>471870</b>	<b>S</b>	<b>2.000</b>	<b>2.686</b>	<b>2.690</b>	<b>0.375</b>	<b>47</b>
471707N <sup>RC</sup>	N	1.156	1.752	1.756	0.312	47	471883 <sup>RC</sup>	S	2.000	2.686	2.690	0.437	47
• 471709N	N	1.250	1.752	1.756	0.312	47	<b>471887<sup>RC</sup></b>	<b>S</b>	<b>2.437</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>
• 471709V	V	1.250	1.752	1.756	0.312	47	• 471887N	N	2.437	3.125	3.130	0.375	47
<b>471729<sup>RC</sup></b>	<b>S</b>	<b>0.812</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	<b>471904<sup>RC</sup></b>	<b>S</b>	<b>1.312</b>	<b>2.835</b>	<b>2.839</b>	<b>0.468</b>	<b>47</b>
<b>471730<sup>RC</sup></b>	<b>S</b>	<b>0.875</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	471915 <sup>RC</sup>	S	1.500	2.835	2.839	0.468	47
<b>471733<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	• 471940	S	1.937	2.875	2.879	0.437	47
• 471733N	N	1.000	1.874	1.878	0.250	47	• 471944	S	2.000	2.875	2.879	0.437	47
<b>471735<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	471950 <sup>RC</sup>	S	2.125	2.758	2.762	0.437	47
<b>471736<sup>RC</sup></b>	<b>S</b>	<b>1.156</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	• 471950N	N	2.125	2.758	2.762	0.437	47
<b>471737<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	<b>471952<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>2.835</b>	<b>2.839</b>	<b>0.468</b>	<b>47</b>
471737V <sup>RC</sup>	V	1.250	1.874	1.878	0.250	47	• 471953	S	2.187	2.875	2.879	0.437	47
471744 <sup>RC</sup>	S	1.000	1.983	1.987	0.250	47	<b>471958<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>
<b>471747<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>1.983</b>	<b>1.987</b>	<b>0.250</b>	<b>47</b>	<b>471981<sup>RC</sup></b>	<b>S</b>	<b>1.687</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>
<b>471750<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>1.983</b>	<b>1.987</b>	<b>0.250</b>	<b>47</b>	<b>471984<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>
471750V <sup>RC</sup>	V	1.250	1.983	1.987	0.250	47	• 471984N	N	1.750	3.000	3.005	0.375	47
<b>471760<sup>RC</sup></b>	<b>S</b>	<b>1.000</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	• 472005	S	1.875	3.125	3.130	0.375	47
471760V <sup>RC</sup>	V	1.000	2.000	2.004	0.250	47	• 472009	S	2.000	3.000	3.005	0.375	47
<b>471762<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	• 472009N	N	2.000	3.000	3.005	0.375	47
<b>471763<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	• 472010	S	2.000	3.125	3.130	0.375	47
<b>471763V<sup>RC</sup></b>	<b>V</b>	<b>1.125</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	<b>472012<sup>RC</sup></b>	<b>S</b>	<b>2.062</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>
<b>471764<sup>RC</sup></b>	<b>S</b>	<b>1.156</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	<b>472015<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>
<b>471765<sup>RC</sup></b>	<b>S</b>	<b>1.187</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	• 472015N	N	2.125	3.000	3.005	0.375	47
• 471765N	N	1.187	2.000	2.004	0.250	47	<b>472016<sup>RC</sup></b>	<b>S</b>	<b>2.125</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>
<b>471766<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.000</b>	<b>2.004</b>	<b>0.250</b>	<b>47</b>	• 472017	S	2.187	2.996	3.001	0.437	47
471766V <sup>RC</sup>	V	1.250	2.000	2.004	0.250	47	<b>472018<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>3.000</b>	<b>3.005</b>	<b>0.375</b>	<b>47</b>
<b>471785<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>2.062</b>	<b>2.066</b>	<b>0.250</b>	<b>47</b>	• 472018N	N	2.187	3.000	3.005	0.375	47
• 471785V	V	1.125	2.062	2.066	0.250	47	• 472018V	V	2.187	3.000	3.005	0.375	47
<b>471787<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.062</b>	<b>2.066</b>	<b>0.250</b>	<b>47</b>	• 472019	S	2.187	3.062	3.066	0.500	47
471787V <sup>RC</sup>	V	1.250	2.062	2.066	0.250	47	<b>472020<sup>RC</sup></b>	<b>S</b>	<b>2.187</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>
<b>471795<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.125</b>	<b>2.129</b>	<b>0.250</b>	<b>47</b>	<b>472029<sup>RC</sup></b>	<b>S</b>	<b>2.500</b>	<b>3.189</b>	<b>3.194</b>	<b>0.375</b>	<b>47</b>
471795N	N	1.250	2.125	2.129	0.250	47	• 472035	S	2.187	3.371	3.376	0.468	47
471795V <sup>RC</sup>	V	1.250	2.125	2.129	0.250	47	472041 <sup>RC</sup>	S	1.875	2.502	2.506	0.375	47
<b>471801<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.252</b>	<b>2.256</b>	<b>0.375</b>	<b>47</b>	• 472041N	N	1.875	2.502	2.506	0.375	47
<b>471808<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.374</b>	<b>2.378</b>	<b>0.375</b>	<b>47</b>	• 472065	S	0.864	1.375	1.379	0.250	47
<b>471818<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.437</b>	<b>2.441</b>	<b>0.375</b>	<b>47</b>	• 472065N	N	0.864	1.375	1.379	0.250	47
<b>471820<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.437</b>	<b>2.441</b>	<b>0.375</b>	<b>47</b>	<b>472070<sup>RC</sup></b>	<b>S</b>	<b>1.812</b>	<b>2.623</b>	<b>2.627</b>	<b>0.375</b>	<b>47</b>
<b>471821<sup>RC</sup></b>	<b>S</b>	<b>1.562</b>	<b>2.437</b>	<b>2.441</b>	<b>0.375</b>	<b>47</b>	472082	S	2.000	2.880	2.884	0.375	47
<b>471827<sup>RC</sup></b>	<b>S</b>	<b>1.562</b>	<b>2.441</b>	<b>2.445</b>	<b>0.375</b>	<b>47</b>	• 472082N	N	2.000	2.880	2.884	0.375	47
471829 <sup>RC</sup>	S	1.625	2.441	2.445	0.375	47	• 472129	S	0.750	1.263	1.267	0.250	47
471831 <sup>RC</sup>	S	1.750	2.441	2.445	0.375	47	• 472137	S	0.625	2.047	2.051	0.312	47
• 471831N	N	1.750	2.441	2.445	0.375	47	472138 <sup>RC</sup>	S	1.000	2.047	2.051	0.312	47
• 471831V	V	1.750	2.441	2.445	0.375	47	• 472138N	N	1.000	2.047	2.051	0.312	47
<b>471833<sup>RC</sup></b>	<b>S</b>	<b>1.250</b>	<b>2.502</b>	<b>2.506</b>	<b>0.375</b>	<b>47</b>	<b>472144<sup>RC</sup></b>	<b>S</b>	<b>1.937</b>	<b>2.875</b>	<b>2.879</b>	<b>0.312</b>	<b>47</b>
<b>471835<sup>RC</sup></b>	<b>S</b>	<b>1.375</b>	<b>2.502</b>	<b>2.506</b>	<b>0.375</b>	<b>47</b>	<b>472150<sup>RC</sup></b>	<b>S</b>	<b>2.312</b>	<b>3.125</b>	<b>3.130</b>	<b>0.375</b>	<b>47</b>
471841 <sup>RC</sup>	S	1.843	2.502	2.506	0.375	47	• 472150N	N	2.312	3.125	3.130	0.375	47
471845N <sup>RC</sup>	N	1.250	2.561	2.565	0.500	47	• 472150V	V	2.312	3.125	3.130	0.375	47
• 471847	S	1.375	2.561	2.565	0.500	47	<b>472157<sup>RC</sup></b>	<b>S</b>	<b>4.250</b>	<b>5.251</b>	<b>5.256</b>	<b>0.375</b>	<b>47</b>
471847N <sup>RC</sup>	N	1.375	2.561	2.565	0.500	47	<b>472164<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>2.502</b>	<b>2.506</b>	<b>0.312</b>	<b>47</b>
<b>471854<sup>RC</sup></b>	<b>S</b>	<b>1.937</b>	<b>2.561</b>	<b>2.565</b>	<b>0.500</b>	<b>47</b>	472164V <sup>RC</sup>	V	1.750	2.502	2.506	0.312	47
<b>471862<sup>RC</sup></b>	<b>S</b>	<b>1.437</b>	<b>2.686</b>	<b>2.690</b>	<b>0.375</b>	<b>47</b>	<b>472179<sup>RC</sup></b>	<b>S</b>	<b>1.750</b>	<b>2.750</b>	<b>2.754</b>	<b>0.312</b>	<b>47</b>
<b>471866<sup>RC</sup></b>	<b>S</b>	<b>1.812</b>	<b>2.686</b>	<b>2.690</b>	<b>0.375</b>	<b>47</b>	472179V <sup>RC</sup>	V	1.750	2.750	2.754	0.312	47

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
472185 <sup>RC</sup>	S	1.750	2.623	2.627	0.312	47	• 472635N	N	1.552	2.502	2.506	0.500	47
472185V <sup>RC</sup>	V	1.750	2.623	2.627	0.312	47	<b>472636<sup>RC</sup></b>	S	<b>2.250</b>	<b>3.251</b>	<b>3.256</b>	<b>0.375</b>	<b>47</b>
472189A <sup>RC,CCW</sup>	S	1.500	2.377	2.381	0.500	47	• 472636V	V	2.250	3.251	3.256	0.375	47
<b>472193<sup>RC</sup></b>	S	<b>1.750</b>	<b>2.561</b>	<b>2.566</b>	<b>0.312</b>	<b>47</b>	472642 <sup>RC</sup>	S	1.375	2.047	2.051	0.312	47
• 472207	S	0.625	1.624	1.628	0.489	47	472642V <sup>RC</sup>	V	1.375	2.047	2.051	0.312	47
<b>472213<sup>RC</sup></b>	S	<b>1.562</b>	<b>2.250</b>	<b>2.254</b>	<b>0.312</b>	<b>47</b>	472644 <sup>RC</sup>	S	1.125	2.047	2.051	0.312	47
472222 <sup>RC</sup>	S	1.531	2.374	2.379	0.375	47	472644V <sup>RC</sup>	V	1.125	2.047	2.051	0.312	47
<b>472234<sup>RC</sup></b>	S	<b>2.187</b>	<b>2.996</b>	<b>3.001</b>	<b>0.375</b>	<b>47</b>	472649 <sup>RC</sup>	S	0.750	2.047	2.051	0.312	47
472238 <sup>RC</sup>	S	0.968	2.440	2.445	0.375	47	• 472651	S	1.250	3.150	3.155	0.375	47
472239 <sup>RC</sup>	S	1.156	2.834	2.839	0.375	47	472651V <sup>RC</sup>	V	1.250	3.150	3.155	0.375	47
<b>472258<sup>RC</sup></b>	S	<b>1.375</b>	<b>2.000</b>	<b>2.004</b>	<b>0.312</b>	<b>47</b>	<b>472653<sup>RC</sup></b>	S	<b>2.000</b>	<b>2.835</b>	<b>2.839</b>	<b>0.375</b>	<b>47</b>
• 472258N	N	1.375	2.000	2.004	0.312	47	472655 <sup>RC</sup>	S	1.437	2.312	2.316	0.375	47
<b>472258V<sup>RC</sup></b>	V	<b>1.375</b>	<b>2.000</b>	<b>2.004</b>	<b>0.312</b>	<b>47</b>	<b>472658<sup>RC</sup></b>	S	<b>1.375</b>	<b>2.835</b>	<b>2.839</b>	<b>0.375</b>	<b>47</b>
<b>472287<sup>RC</sup></b>	S	<b>1.375</b>	<b>2.106</b>	<b>2.110</b>	<b>0.312</b>	<b>47</b>	• 472658V	V	1.375	2.835	2.839	0.375	47
<b>472299<sup>RC</sup></b>	S	<b>1.562</b>	<b>2.374</b>	<b>2.378</b>	<b>0.312</b>	<b>47</b>	472660 <sup>RC</sup>	S	1.656	2.937	2.941	0.375	47
472299V <sup>RC</sup>	V	1.562	2.374	2.378	0.312	47	472674 <sup>RC</sup>	S	1.125	1.983	1.987	0.375	47
472311 <sup>RC</sup>	S	1.000	1.437	1.441	0.250	47	472681 <sup>RC</sup>	S	1.125	2.441	2.445	0.375	47
472311V <sup>RC</sup>	V	1.000	1.437	1.441	0.250	47	472681V <sup>RC</sup>	V	1.125	2.441	2.445	0.375	47
<b>472319<sup>RC</sup></b>	S	<b>1.937</b>	<b>2.623</b>	<b>2.627</b>	<b>0.312</b>	<b>47</b>	<b>472705<sup>RC</sup></b>	S	<b>0.562</b>	<b>1.000</b>	<b>1.004</b>	<b>0.250</b>	<b>47</b>
• 472319V	V	1.937	2.623	2.627	0.312	47	472705V <sup>RC</sup>	V	0.562	1.000	1.004	0.250	47
<b>472324<sup>RC</sup></b>	S	<b>0.984</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>47</b>	472747 <sup>RC</sup>	S	1.875	2.470	2.475	0.437	47
472324V <sup>RC</sup>	V	0.984	1.499	1.503	0.250	47	• 472758	S	1.625	2.502	2.506	0.250	47
• 472331	S	2.000	2.623	2.627	0.375	47	<b>472810<sup>RC</sup></b>	S	<b>0.437</b>	<b>0.875</b>	<b>0.880</b>	<b>0.250</b>	<b>47</b>
472341 <sup>RC</sup>	S	2.000	2.742	2.746	0.375	47	<b>472826<sup>RC</sup></b>	S	<b>1.312</b>	<b>2.062</b>	<b>2.066</b>	<b>0.312</b>	<b>47</b>
• 472341N	N	2.000	2.742	2.746	0.375	47	<b>472843<sup>RC</sup></b>	S	<b>1.375</b>	<b>2.623</b>	<b>2.627</b>	<b>0.375</b>	<b>47</b>
<b>472350<sup>RC</sup></b>	S	<b>1.187</b>	<b>2.165</b>	<b>2.169</b>	<b>0.250</b>	<b>47</b>	472856 <sup>RC</sup>	S	2.375	3.350	3.355	0.438	47
472354 <sup>RC</sup>	S	1.375	1.874	1.878	0.250	47	472878 <sup>RC</sup>	S	0.735	1.248	1.252	0.250	47
472354V <sup>RC</sup>	V	1.375	1.874	1.878	0.250	47	• 472916	S	2.250	3.189	3.194	0.375	47
<b>472394<sup>RC</sup></b>	S	<b>1.937</b>	<b>3.000</b>	<b>3.005</b>	<b>0.312</b>	<b>47</b>	472920 <sup>RC</sup>	S	2.250	3.371	3.376	0.375	47
<b>472397<sup>RC</sup></b>	S	<b>2.000</b>	<b>3.000</b>	<b>3.005</b>	<b>0.312</b>	<b>47</b>	<b>472924<sup>RC</sup></b>	S	<b>2.000</b>	<b>2.875</b>	<b>2.879</b>	<b>0.312</b>	<b>47</b>
472397V <sup>RC</sup>	V	2.000	3.000	3.005	0.312	47	472924V <sup>RC</sup>	V	2.000	2.875	2.879	0.312	47
<b>472409<sup>RC</sup></b>	S	<b>2.125</b>	<b>3.189</b>	<b>3.194</b>	<b>0.375</b>	<b>47</b>	• 472928	S	2.062	3.189	3.194	0.375	47
• 472409N	N	2.125	3.189	3.194	0.375	47	• 472940	S	2.187	3.189	3.194	0.375	47
• 472409V	V	2.125	3.189	3.194	0.375	47	472950 <sup>RC</sup>	S	0.812	2.441	2.445	0.375	47
472419 <sup>RC</sup>	S	1.625	2.116	2.120	0.312	47	472951 <sup>RC</sup>	S	0.937	1.750	1.754	0.312	47
472432 <sup>RC</sup>	S	1.187	2.441	2.445	0.375	47	472953 <sup>RC</sup>	S	1.062	2.835	2.839	0.375	47
<b>472439<sup>RC</sup></b>	S	<b>1.875</b>	<b>2.623</b>	<b>2.627</b>	<b>0.312</b>	<b>47</b>	472953V <sup>RC</sup>	V	1.062	2.835	2.839	0.375	47
472439V <sup>RC</sup>	V	1.875	2.623	2.627	0.312	47	472954 <sup>RC</sup>	S	1.125	2.835	2.839	0.375	47
472446 <sup>RC</sup>	S	1.500	3.150	3.155	0.500	47	472954V <sup>RC</sup>	V	1.125	2.835	2.839	0.375	47
472452 <sup>RC</sup>	S	0.843	1.374	1.378	0.312	47	<b>473010<sup>RC</sup></b>	S	<b>1.625</b>	<b>2.502</b>	<b>2.506</b>	<b>0.312</b>	<b>47</b>
472466 <sup>RC</sup>	S	1.500	2.048	2.052	0.375	47	473010N	N	1.625	2.502	2.506	0.312	47
472467 <sup>RC</sup>	S	0.500	1.378	1.382	0.406	47	473010V <sup>RC</sup>	V	1.625	2.502	2.506	0.312	47
472473 <sup>RC</sup>	S	3.375	4.376	4.381	0.375	47	<b>473016<sup>RC</sup></b>	S	<b>1.437</b>	<b>2.250</b>	<b>2.254</b>	<b>0.312</b>	<b>47</b>
<b>472475<sup>RC</sup></b>	S	<b>1.187</b>	<b>1.874</b>	<b>1.878</b>	<b>0.250</b>	<b>47</b>	• 473016N	N	1.437	2.250	2.254	0.312	47
<b>472492<sup>RC</sup></b>	S	<b>2.000</b>	<b>2.750</b>	<b>2.754</b>	<b>0.312</b>	<b>47</b>	473096 <sup>RC</sup>	S	0.375	0.875	0.880	0.250	47
• 472492N	N	2.000	2.750	2.754	0.312	47	473117 <sup>RC</sup>	S	1.625	2.328	2.332	0.437	47
472492V <sup>RC</sup>	V	2.000	2.750	2.754	0.312	47	• 473117N	N	1.625	2.328	2.332	0.437	47
472535 <sup>RC</sup>	S	1.125	2.533	2.537	0.250	47	473135V <sup>RC</sup>	V	1.250	1.686	1.691	0.250	47
472536 <sup>RC</sup>	S	1.250	2.877	2.881	0.250	47	473157 <sup>RC</sup>	S	1.750	2.449	2.453	0.312	47
472538 <sup>RC</sup>	S	0.750	2.127	2.131	0.250	47	<b>473179<sup>RC</sup></b>	S	<b>1.875</b>	<b>2.758</b>	<b>2.762</b>	<b>0.375</b>	<b>47</b>
472539 <sup>RC</sup>	S	1.000	2.533	2.537	0.250	47	473196 <sup>RC</sup>	S	0.750	1.783	1.787	0.250	47
472554 <sup>RC</sup>	S	1.500	1.983	1.987	0.437	47	<b>473197<sup>RC</sup></b>	S	<b>1.375</b>	<b>2.835</b>	<b>2.839</b>	<b>0.312</b>	<b>47</b>
472560N <sup>RC</sup>	N	1.125	1.561	1.565	0.250	47	• 473197V	V	1.375	2.835	2.839	0.312	47
<b>472572<sup>RC</sup></b>	S	<b>1.875</b>	<b>2.750</b>	<b>2.754</b>	<b>0.312</b>	<b>47</b>	<b>473203<sup>RC</sup></b>	S	<b>1.187</b>	<b>1.752</b>	<b>1.756</b>	<b>0.250</b>	<b>47</b>
• 472579	S	2.062	2.875	2.879	0.375	47	<b>473204<sup>RC</sup></b>	S	<b>2.125</b>	<b>2.750</b>	<b>2.754</b>	<b>0.375</b>	<b>47</b>
472635 <sup>RC</sup>	S	1.552	2.502	2.506	0.500	47	• 473204N	N	2.125	2.750	2.754	0.375	47

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
473205 <sup>RC</sup>	S	1.187	2.125	2.129	0.250	47	473380 <sup>RC</sup>	S	1.000	1.575	1.579	0.250	47
473210 <sup>RC</sup>	S	1.312	2.000	2.004	0.312	47	473405 <sup>RC</sup>	S	0.593	1.250	1.254	0.312	47
• 473210V	V	1.312	2.000	2.004	0.312	47	473406 <sup>RC</sup>	S	0.750	1.828	1.832	0.375	47
473211 <sup>RC</sup>	S	1.312	2.125	2.129	0.312	47	473407 <sup>RC</sup>	S	0.750	1.983	1.987	0.250	47
473212 <sup>RC</sup>	S	1.312	2.250	2.254	0.312	47	473412 <sup>RC</sup>	S	0.812	1.828	1.832	0.375	47
473213 <sup>RC</sup>	S	1.312	2.374	2.378	0.312	47	473413 <sup>RC</sup>	S	0.843	1.499	1.503	0.250	47
473214 <sup>RC</sup>	S	1.375	2.250	2.254	0.312	47	473414 <sup>RC</sup>	S	0.843	1.624	1.628	0.250	47
473214V <sup>RC</sup>	V	1.375	2.250	2.254	0.312	47	473415 <sup>RC</sup>	S	0.843	1.828	1.832	0.312	47
473215 <sup>RC</sup>	S	1.375	2.374	2.378	0.312	47	473416 <sup>RC</sup>	S	0.737	1.375	1.379	0.343	47
473224 <sup>RC</sup>	S	1.437	2.125	2.129	0.312	47	473419 <sup>RC</sup>	S	1.062	1.828	1.832	0.375	47
473225 <sup>RC</sup>	S	1.437	2.374	2.378	0.312	47	473420 <sup>RC</sup>	S	1.062	2.062	2.066	0.375	47
473226 <sup>RC</sup>	S	1.437	2.502	2.506	0.312	47	473421 <sup>RC</sup>	S	1.312	2.106	2.110	0.375	47
473227 <sup>RC</sup>	S	1.500	2.125	2.129	0.312	47	473422 <sup>RC</sup>	S	1.312	1.983	1.987	0.375	47
• 473227N	N	1.500	2.125	2.129	0.312	47	473423 <sup>RC</sup>	S	1.312	1.874	1.878	0.375	47
473227V <sup>RC</sup>	V	1.500	2.125	2.129	0.312	47	473424 <sup>RC</sup>	S	1.281	2.000	2.004	0.375	47
473228 <sup>RC</sup>	S	1.500	2.502	2.506	0.312	47	473425 <sup>RC</sup>	S	1.187	1.828	1.832	0.375	47
• 473228N	N	1.500	2.502	2.506	0.312	47	473426 <sup>RC</sup>	S	1.187	1.983	1.987	0.375	47
473228V <sup>RC</sup>	V	1.500	2.502	2.506	0.312	47	473427 <sup>RC</sup>	S	1.156	2.062	2.066	0.375	47
473229 <sup>RC</sup>	S	1.562	2.502	2.506	0.312	47	473428 <sup>RC</sup>	S	1.156	1.984	1.988	0.250	47
473230 <sup>RC</sup>	S	1.625	2.250	2.254	0.312	47	• 473428V	V	1.156	1.984	1.988	0.250	47
473231 <sup>RC</sup>	S	1.625	2.374	2.378	0.312	47	473435 <sup>RC</sup>	S	1.343	2.106	2.110	0.375	47
473231V <sup>RC</sup>	V	1.625	2.374	2.378	0.312	47	473436 <sup>RC</sup>	S	1.343	2.125	2.129	0.375	47
473232 <sup>RC</sup>	S	1.625	2.623	2.627	0.312	47	473437 <sup>RC</sup>	S	1.437	2.623	2.627	0.375	47
473233 <sup>RC</sup>	S	1.687	2.374	2.378	0.312	47	473438 <sup>RC</sup>	S	1.468	2.375	2.379	0.375	47
473234 <sup>RC</sup>	S	1.687	2.502	2.506	0.312	47	473439 <sup>RC</sup>	S	1.468	2.437	2.441	0.375	47
473235 <sup>RC</sup>	S	1.687	2.623	2.627	0.312	47	473440 <sup>RC</sup>	S	1.500	2.750	2.754	0.312	47
473236 <sup>RC</sup>	S	1.687	2.750	2.754	0.312	47	473441 <sup>RC</sup>	S	1.562	2.750	2.754	0.375	47
473237 <sup>RC</sup>	S	1.750	2.374	2.378	0.312	47	473442 <sup>RC</sup>	S	1.562	2.875	2.879	0.375	47
473237V <sup>RC</sup>	V	1.750	2.374	2.378	0.312	47	473443 <sup>RC</sup>	S	1.625	2.750	2.754	0.375	47
473238 <sup>RC</sup>	S	1.875	2.875	2.879	0.312	47	473444 <sup>RC</sup>	S	1.625	2.875	2.879	0.375	47
473238V <sup>RC</sup>	V	1.875	2.875	2.879	0.312	47	473444V <sup>RC</sup>	V	1.625	2.875	2.879	0.375	47
473239 <sup>RC</sup>	S	1.875	3.000	3.005	0.312	47	473445 <sup>RC</sup>	S	1.687	2.437	2.441	0.312	47
473240 <sup>RC</sup>	S	1.875	3.125	3.130	0.312	47	• 473445V	V	1.687	2.437	2.441	0.312	47
473241 <sup>RC</sup>	S	1.937	2.750	2.754	0.312	47	473446 <sup>RC</sup>	S	1.687	2.875	2.879	0.375	47
473242 <sup>RC</sup>	S	2.000	3.125	3.130	0.312	47	473447 <sup>RC</sup>	S	1.750	2.758	2.762	0.375	47
• 473242V	V	2.000	3.125	3.130	0.312	47	473448 <sup>RC</sup>	S	1.750	2.996	3.001	0.375	47
473243 <sup>RC</sup>	S	2.125	3.251	3.256	0.375	47	473449 <sup>RC</sup>	S	1.812	2.750	2.754	0.375	47
• 473243V	V	2.125	3.251	3.256	0.375	47	473450 <sup>RC</sup>	S	1.812	2.875	2.879	0.375	47
473244 <sup>RC</sup>	S	2.187	2.875	2.879	0.375	47	473450V <sup>RC</sup>	V	1.812	2.875	2.879	0.375	47
473245 <sup>RC</sup>	S	2.187	3.251	3.256	0.375	47	473451 <sup>RC</sup>	S	1.843	2.623	2.627	0.375	47
• 473246	S	2.375	3.251	3.256	0.375	47	473452 <sup>RC</sup>	S	1.843	2.750	2.754	0.375	47
473247	S	2.375	3.371	3.376	0.375	47	473453 <sup>RC</sup>	S	1.843	2.875	2.879	0.375	47
• 473248	S	2.625	3.371	3.376	0.375	47	473454 <sup>RC</sup>	S	1.875	2.502	2.506	0.312	47
473258 <sup>RC</sup>	S	1.375	2.561	2.565	0.375	47	473455 <sup>RC</sup>	S	1.875	2.835	2.839	0.375	47
473259 <sup>RC</sup>	S	1.125	2.441	2.445	0.250	47	473457 <sup>RC</sup>	S	1.875	3.061	3.066	0.375	47
• 473259V	V	1.125	2.441	2.445	0.250	47	473458 <sup>RC</sup>	S	1.875	3.189	3.194	0.375	47
473274 <sup>RC</sup>	S	2.500	3.428	3.433	0.375	47	473459 <sup>RC</sup>	S	1.937	2.686	2.690	0.312	47
473274N <sup>RC</sup>	N	2.500	3.428	3.433	0.375	47	473460 <sup>RC</sup>	S	1.937	2.996	3.001	0.375	47
• 473285V	V	0.875	1.750	1.754	0.312	47	473461 <sup>RC</sup>	S	1.937	3.061	3.066	0.375	47
• 473304	S	1.375	2.082	2.087	0.312	47	473462 <sup>RC</sup>	S	1.937	3.189	3.194	0.375	47
473313 <sup>RC</sup>	S	1.750	3.061	3.066	0.375	47	473463 <sup>RC</sup>	S	2.000	3.062	3.066	0.375	47
473317 <sup>RC</sup>	S	1.687	2.328	2.332	0.312	47	473464 <sup>RC</sup>	S	2.000	3.189	3.194	0.375	47
• 473317N	N	1.687	2.328	2.332	0.312	47	473466 <sup>RC</sup>	S	2.062	2.996	3.001	0.375	47
473336 <sup>RC</sup>	S	1.718	2.561	2.565	0.500	47	473467 <sup>RC</sup>	S	2.125	2.996	3.001	0.375	47
473367 <sup>RC</sup>	S	1.625	2.437	2.441	0.312	47	473468 <sup>RC</sup>	S	2.125	3.061	3.066	0.375	47
473367V <sup>RC</sup>	V	1.625	2.437	2.441	0.312	47	• 473469	S	2.125	3.350	3.355	0.375	47

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
473471 <sup>RC</sup>	S	2.187	3.062	3.066	0.375	47	474281 <sup>RC</sup>	S	1.500	2.758	2.763	0.312	47
473473 <sup>RC</sup>	S	2.250	3.061	3.066	0.375	47	474288	S	36.00	58.00	58.30	8.00	47
473474 <sup>RC</sup>	S	2.375	3.061	3.066	0.375	47			1.417	2.283	2.295	0.315	
473475 <sup>RC</sup>	S	2.375	3.189	3.194	0.375	47	• 475001N	N	2.500	3.543	3.548	0.500	47
473476 <sup>RC,CW</sup>	N	2.500	3.150	3.155	0.315	47	• 475002	S	2.562	3.623	3.628	0.468	47
473490 <sup>RC</sup>	S	1.562	3.150	3.155	0.312	47	• 475002N	N	2.562	3.623	3.628	0.468	47
473517 <sup>RC</sup>	S	1.562	2.125	2.129	0.375	47	475003N <sup>RC</sup>	N	2.625	3.623	3.628	0.468	47
473546 <sup>RC</sup>	S	0.551	1.000	1.004	0.312	47	• 475004	S	2.750	3.751	3.756	0.500	47
473551 <sup>RC</sup>	S	1.250	2.047	2.051	0.375	47	475004H	H	2.750	3.751	3.756	0.500	47
473560N <sup>RC,CW</sup>	N	42.00	56.00	56.16	7.00	47	• 475004N	N	2.750	3.751	3.756	0.500	47
		1.654	2.205	2.211	0.276		• 475006	S	2.875	3.751	3.756	0.500	47
473573 <sup>RC</sup>	S	2.375	3.000	3.005	0.375	47	• 475006N	N	2.875	3.751	3.756	0.500	47
473677 <sup>RC</sup>	S	40.00	55.00	55.09	8.00	47	• 475007	S	2.625	3.876	3.881	0.468	47
		1.575	2.165	2.169	0.315		• 475009	S	2.750	3.876	3.881	0.468	47
473694 <sup>RC</sup>	S	1.625	2.000	2.004	0.250	47	475009N <sup>RC</sup>	N	2.750	3.876	3.881	0.468	47
473796 <sup>RC</sup>	S	1.750	2.565	2.570	0.312	47	• 475011	S	2.875	4.003	4.008	0.468	47
473812 <sup>RC</sup>	S	1.312	2.166	2.170	0.375	47	• 475012	S	2.937	4.003	4.008	0.468	47
473814 <sup>RC</sup>	S	1.968	2.623	2.627	0.312	47	475012N <sup>RC</sup>	N	2.937	4.003	4.008	0.468	47
473823 <sup>RC</sup>	S	35.00	55.00	55.18	8.00	47	• 475013	S	3.000	4.003	4.008	0.468	47
		1.378	2.165	2.172	0.315		• 475013N	N	3.000	4.003	4.008	0.468	47
• 474069	S	2.125	2.561	2.565	0.492	47	• 475014	S	3.000	4.249	4.254	0.625	47
• 474090	S	1.437	2.061	2.066	0.312	47	• 475016	S	3.125	4.249	4.254	0.625	47
• 474096	S	2.008	2.559	2.563	0.276	47	• 475018	S	3.250	4.249	4.254	0.625	47
• 474097	S	1.417	1.969	1.972	0.276	47	• 475019	S	3.000	4.999	5.004	0.468	47
• 474119	S	1.496	2.283	2.288	0.315	47	• 475021	S	3.125	4.999	5.004	0.468	47
474131 <sup>RC</sup>	S	0.750	1.302	1.306	0.250	47	• 475023	S	3.250	4.999	5.004	0.468	47
474133 <sup>RC</sup>	S	40.00	74.00	74.12	10.00	47	• 475025	S	3.375	4.999	5.004	0.468	47
		1.575	2.913	2.918	0.394		• 475027	S	3.500	4.999	5.004	0.468	47
474134 <sup>RC</sup>	S	1.969	2.618	2.623	0.375	47	• 475029	S	3.625	4.999	5.004	0.468	47
• 474135N	N	1.654	2.561	2.565	0.374	47	• 475031	S	3.750	4.999	5.004	0.468	47
• 474137	S	1.693	2.441	2.445	0.374	47	• 475031V	V	3.750	4.999	5.004	0.468	47
• 474198	S	2.375	3.350	3.355	0.703	47	• 475033	S	3.875	4.999	5.004	0.468	47
474216	S	1.625	2.562	2.565	0.375	47	• 475035	S	4.000	4.999	5.004	0.468	47
474230	S	73.00	90.00	90.12	8.00	47	• 475036	S	4.000	5.501	5.506	0.562	47
		2.874	3.543	3.548	0.315		• 475040	S	4.250	5.501	5.506	0.562	47
474235 <sup>RC</sup>	S	0.937	1.850	1.854	0.312	47	• 475041	S	4.000	5.751	5.756	0.562	47
474241V <sup>RC,CW</sup>	V	42.00	58.00	58.17	7.00	47	• 475045	S	4.250	5.751	5.756	0.562	47
		1.654	2.283	2.290	0.276		• 475047	S	4.375	5.751	5.756	0.562	47
474250 <sup>RC</sup>	S	1.000	1.686	1.690	0.250	47	• 475049	S	4.500	5.751	5.756	0.562	47
474252 <sup>RC</sup>	S	0.937	1.752	1.756	0.250	47	• 475053	S	4.750	5.751	5.756	0.562	47
474253 <sup>RC</sup>	S	0.812	1.499	1.503	0.250	47	• 475054	S	4.000	6.250	6.256	0.562	47
474254 <sup>RC</sup>	S	1.187	2.437	2.441	0.250	47	• 475058	S	4.250	6.250	6.256	0.562	47
474255 <sup>RC</sup>	S	1.187	2.250	2.254	0.250	47	• 475060	S	4.375	6.250	6.256	0.562	47
474256 <sup>RC</sup>	S	1.187	2.441	2.445	0.250	47	• 475062	S	4.500	6.250	6.256	0.562	47
474260 <sup>RC</sup>	S	1.156	1.686	1.690	0.250	47	• 475064	S	4.625	6.250	6.256	0.562	47
474261 <sup>RC</sup>	S	0.687	1.187	1.191	0.187	47	• 475066	S	4.750	6.250	6.256	0.562	47
474264 <sup>RC</sup>	S	1.437	2.437	2.441	0.312	47	• 475068	S	4.875	6.250	6.256	0.562	47
474265 <sup>RC</sup>	S	1.687	2.686	2.691	0.312	47	• 475070	S	5.000	6.250	6.256	0.562	47
474269 <sup>RC</sup>	S	1.937	2.437	2.441	0.250	47	• 475070N	N	5.000	6.250	6.256	0.562	47
474272 <sup>RC</sup>	S	2.000	2.717	2.721	0.375	47	• 475072	S	6.000	7.501	7.508	0.562	47
474273 <sup>RC</sup>	S	0.781	1.828	1.833	0.250	47	• 475079	S	2.500	3.751	3.756	0.500	47
474274 <sup>RC</sup>	S	1.625	2.750	2.754	0.312	47	475080N <sup>RC</sup>	N	2.125	3.623	3.628	0.468	47
474276 <sup>RC</sup>	S	1.500	1.983	1.988	0.250	47	• 475082	S	2.500	3.876	3.881	0.468	47
474276V <sup>RC</sup>	V	1.500	1.983	1.988	0.250	47	• 475085	S	3.312	4.499	4.504	0.468	47
474277 <sup>RC</sup>	S	0.437	1.124	1.128	0.250	47	• 475086N	N	3.000	4.249	4.254	0.468	47
474278 <sup>RC</sup>	S	1.250	1.686	1.691	0.250	47	• 475088	S	3.000	4.499	4.504	0.468	47

NUMERIC SECTION



Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
• 475088N	N	3.000	4.499	4.504	0.468	47	• 475304	S	3.250	4.249	4.254	0.500	47
• 475091	S	4.875	5.999	6.007	0.625	47	• 475304V	V	3.250	4.249	4.254	0.500	47
• 475093	S	2.250	3.500	3.505	0.500	47	• 475315	S	2.750	3.623	3.628	0.468	47
• 475095	S	2.375	3.500	3.505	0.500	47	• 475319N	N	3.500	5.126	5.131	0.625	47
475095N <sup>RC</sup>	N	2.375	3.500	3.505	0.500	47	• 475322	S	2.750	3.543	3.548	0.500	47
• 475096	S	2.437	3.500	3.505	0.500	47	<b>475322N<sup>RC</sup></b>	<b>N</b>	<b>2.750</b>	<b>3.543</b>	<b>3.548</b>	<b>0.500</b>	<b>47</b>
• 475098	S	2.562	3.500	3.505	0.500	47	• 475328	S	3.250	5.251	5.256	0.468	47
• 475137	S	3.250	4.499	4.504	0.468	47	• 475348N	N	2.937	4.249	4.254	0.625	47
• 475137N	N	3.250	4.499	4.504	0.468	47	• 475350	S	2.187	3.623	3.628	0.468	47
• 475138	S	4.750	5.750	5.756	0.500	47	• 475354	S	3.125	4.003	4.008	0.468	47
• 475139N	N	2.750	4.626	4.631	0.625	47	• 475355	S	2.875	3.876	3.881	0.468	47
• 475144	S	2.875	4.499	4.504	0.468	47	• 475364	S	2.750	3.500	3.505	0.500	47
• 475145	S	3.125	4.499	4.504	0.468	47	• 475368	S	2.625	3.500	3.505	0.500	47
• 475146	S	3.500	4.499	4.504	0.468	47	475368N	N	2.625	3.500	3.505	0.500	47
• 475146N	N	3.500	4.499	4.504	0.468	47	• 475369	S	2.500	3.623	3.628	0.468	47
• 475147	S	2.500	3.500	3.505	0.500	47	• 475369N	N	2.500	3.623	3.628	0.468	47
• 475147N	N	2.500	3.500	3.505	0.500	47	• 475371	S	4.625	5.751	5.756	0.562	47
• 475148	S	3.875	5.251	5.256	0.468	47	475379 <sup>RC</sup>	S	3.750	4.751	4.756	0.500	47
• 475149	S	2.625	3.751	3.756	0.500	47	• 475379N	N	3.750	4.751	4.756	0.500	47
• 475149N	N	2.625	3.751	3.756	0.500	47	• 475380	S	2.375	3.623	3.628	0.468	47
• 475150	S	3.750	5.251	5.256	0.468	47	475380N <sup>RC</sup>	N	2.375	3.623	3.628	0.468	47
• 475152	S	2.875	4.125	4.130	0.562	47	<b>475384<sup>RC</sup></b>	<b>S</b>	<b>2.812</b>	<b>4.003</b>	<b>4.008</b>	<b>0.468</b>	<b>47</b>
• 475154	S	3.000	4.125	4.130	0.562	47	• 475389	S	3.625	4.499	4.504	0.468	47
• 475156	S	3.125	4.125	4.130	0.562	47	• 475389N	N	3.625	4.499	4.504	0.468	47
• 475156N	N	3.125	4.125	4.130	0.562	47	• 475394	S	3.125	5.251	5.256	0.468	47
• 475165	S	3.375	4.499	4.504	0.468	47	• 475396	S	3.500	5.751	5.756	0.562	47
• 475173	S	3.500	4.751	4.756	0.625	47	• 475423	S	3.750	5.501	5.506	0.562	47
• 475175	S	3.625	4.751	4.756	0.625	47	• 475436	S	3.625	5.751	5.756	0.562	47
• 475177	S	3.750	4.751	4.756	0.625	47	• 475437	S	3.500	4.750	4.756	0.500	47
• 475179	S	3.875	4.751	4.756	0.625	47	• 475449	S	2.500	3.500	3.505	0.375	47
• 475192	S	4.000	5.251	5.256	0.468	47	475458 <sup>RC</sup>	S	2.625	3.623	3.628	0.375	47
• 475192N	N	4.000	5.251	5.256	0.468	47	• 475458V	V	2.625	3.623	3.628	0.375	47
• 475195	S	4.250	5.251	5.256	0.468	47	• 475479	S	3.000	3.876	3.881	0.468	47
• 475195N	N	4.250	5.251	5.256	0.468	47	• 475479N	N	3.000	3.876	3.881	0.468	47
• 475196	S	4.250	5.375	5.381	0.500	47	• 475483	S	2.625	3.500	3.505	0.375	47
• 475198	S	4.375	5.501	5.506	0.562	47	475500 <sup>RC</sup>	S	3.298	4.125	4.130	0.562	47
• 475200	S	4.500	5.501	5.506	0.562	47	• 475559	S	3.500	5.251	5.256	0.468	47
• 475201	S	4.000	5.999	6.007	0.625	47	• 475563	S	3.250	4.003	4.008	0.468	47
• 475205	S	4.250	5.999	6.007	0.625	47	• 475566	S	3.250	4.125	4.130	0.562	47
• 475207	S	4.375	5.999	6.007	0.625	47	• 475568	S	3.125	3.876	3.881	0.468	47
• 475209	S	4.500	5.999	6.007	0.625	47	• 475613	S	3.375	4.249	4.254	0.625	47
• 475211	S	4.625	5.999	6.007	0.625	47	• 475636	S	2.187	3.500	3.505	0.500	47
• 475213	S	4.750	5.999	6.007	0.625	47	• 475638	S	5.500	6.750	6.757	0.500	47
• 475234	S	2.250	3.623	3.628	0.468	47	• 475645	S	5.250	6.500	6.507	0.562	47
475234N <sup>RC</sup>	N	2.250	3.623	3.628	0.468	47	• 475655	S	2.500	4.003	4.008	0.468	47
• 475245	S	3.125	4.751	4.756	0.625	47	• 475659	S	2.125	3.500	3.505	0.500	47
• 475259	S	2.250	3.751	3.756	0.500	47	• 475697	S	3.875	5.125	5.131	0.500	47
• 475262	S	3.500	5.501	5.506	0.562	47	• 475725	S	5.000	5.999	6.007	0.500	47
• 475265	S	3.250	4.751	4.756	0.625	47	• 475725N	N	5.000	5.999	6.007	0.500	47
• 475271	S	5.000	5.999	6.007	0.625	47	• 475733	S	2.750	3.751	3.756	0.437	47
• 475272	S	2.750	4.003	4.008	0.468	47	• 475836	S	3.000	4.003	4.008	0.437	47
• 475272N	N	2.750	4.003	4.008	0.468	47	• 475836V	V	3.000	4.003	4.008	0.437	47
• 475281	S	3.000	3.751	3.756	0.500	47	475845 <sup>RC</sup>	S	4.000	4.999	5.004	0.375	47
• 475281N	N	3.000	3.751	3.756	0.500	47	• 475852	S	3.750	5.751	5.756	0.562	47
• 475296	S	2.625	4.003	4.008	0.468	47	• 475894	S	3.375	4.376	4.381	0.500	47
• 475303	S	2.875	3.623	3.628	0.375	47	• 475937	S	3.625	4.751	4.756	0.500	47

NUMERIC SECTION



Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
• 475953	S	4.000	4.999	5.004	0.500	47	• 476389	S	3.625	5.501	5.506	0.562	47
• 475984	S	2.750	3.623	3.628	0.375	47	• 476404	S	3.125	4.003	4.008	0.375	47
• 475984N	N	2.750	3.623	3.628	0.375	47	• 476404N	N	3.125	4.003	4.008	0.375	47
• 475991N	N	3.500	4.501	4.506	0.468	47	• 476414	S	3.500	4.500	4.506	0.500	47
• 476011	S	3.125	4.125	4.130	0.500	47	476424N <sup>RC</sup>	N	3.500	4.751	4.756	0.375	47
• 476011V	V	3.125	4.125	4.130	0.500	47	<b>476470<sup>RC</sup></b>	<b>S</b>	<b>3.250</b>	<b>4.249</b>	<b>4.254</b>	<b>0.375</b>	<b>47</b>
476023N <sup>RC</sup>	N	3.000	3.751	3.756	0.375	47	• 476470N	N	3.250	4.249	4.254	0.375	47
• 476023V	V	3.000	3.751	3.756	0.375	47	476470V <sup>RC</sup>	V	3.250	4.249	4.254	0.375	47
476028 <sup>RC</sup>	S	3.375	4.249	4.254	0.468	47	• 476500	S	2.937	3.937	3.942	0.500	47
• 476028N	N	3.375	4.249	4.254	0.468	47	476500N <sup>RC</sup>	N	2.937	3.937	3.942	0.500	47
• 476041	S	3.750	4.626	4.632	0.500	47	476509 <sup>RC</sup>	S	1.937	3.623	3.628	0.468	47
• 476043	S	3.875	5.751	5.756	0.562	47	476510 <sup>RC</sup>	S	1.562	3.543	3.548	0.375	47
• 476047	S	3.625	4.625	4.631	0.500	47	476511 <sup>RC</sup>	S	2.187	5.118	5.124	0.375	47
• 476098N	N	3.875	4.686	4.691	0.375	47	476512 <sup>RC</sup>	S	50,00	110,00	110,13	9,50	47
• 476107	S	5.500	6.750	6.757	0.575	47			1.969	4.331	4.336	0.374	
• 476124	S	3.687	4.626	4.631	0.625	47	• 476513	S	2.162	3.543	3.548	0.375	47
• 476125	S	3.625	4.999	5.004	0.500	47	476514 <sup>RC</sup>	S	2.556	3.937	3.942	0.375	47
• 476128	S	3.875	5.501	5.506	0.562	47	• 476515	S	2.950	4.528	4.533	0.375	47
• 476130	S	4.000	5.375	5.381	0.500	47	• 476516	S	3.346	5.118	5.124	0.500	47
• 476135	S	4.250	5.625	5.631	0.500	47	476517	S	3.934	5.906	5.911	0.500	47
• 476149N	N	4.375	5.999	6.007	0.500	47	476518 <sup>RC</sup>	S	110,00	170,00	170,18	12,70	47
• 476153	S	4.500	5.625	5.631	0.500	47			4.331	6.693	6.700	0.500	
• 476154	S	4.500	5.999	6.007	0.500	47	• 476519	S	5.062	7.874	7.881	0.500	47
• 476158	S	4.625	5.999	6.007	0.500	47	476535 <sup>RC</sup>	S	2.125	3.149	3.154	0.375	47
• 476163	S	4.812	5.999	6.007	0.500	47	• 476535N	N	2.125	3.149	3.154	0.375	47
• 476173	S	5.125	6.250	6.256	0.562	47	• 476556	S	4.250	5.250	5.256	0.500	47
476173V	V	5.125	6.250	6.256	0.562	47	476574N <sup>RC</sup>	N	2.750	3.937	3.942	0.500	47
• 476267	S	2.125	3.500	3.505	0.375	47	• 476591N	N	3.562	4.626	4.631	0.562	47
• 476268	S	2.187	3.500	3.505	0.375	47	• 476624	S	3.500	4.376	4.381	0.500	47
• 476271	S	2.375	3.500	3.505	0.375	47	• 476624V	V	3.500	4.376	4.381	0.500	47
• 476272	S	2.437	3.623	3.628	0.468	47	• 476654N	N	2.937	4.003	4.008	0.375	47
• 476273	S	2.500	3.623	3.628	0.375	47	• 476664	S	2.750	3.500	3.505	0.375	47
476281 <sup>RC</sup>	S	2.750	4.125	4.130	0.562	47	• 476666	S	5.750	7.001	7.008	0.562	47
• 476281N	N	2.750	4.125	4.130	0.562	47	• 476706N	N	2.750	4.003	4.008	0.375	47
• 476282	S	2.750	4.249	4.254	0.468	47	• 476808	S	2.125	3.937	3.942	0.375	47
• 476283	S	2.750	4.249	4.254	0.500	47	• 476816	S	4.000	6.375	6.382	0.500	47
476283N <sup>RC</sup>	N	2.750	4.249	4.254	0.500	47	476820 <sup>RC</sup>	S	1.750	3.937	3.942	0.312	47
• 476286	S	2.875	4.249	4.254	0.625	47	<b>476838<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>1.828</b>	<b>1.832</b>	<b>0.312</b>	<b>47</b>
• 476288	S	3.125	4.249	4.254	0.500	47	476842 <sup>RC</sup>	S	5.500	6.250	6.257	0.500	47
• 476294	S	3.375	4.249	4.254	0.500	47	• 476865	S	5.000	6.250	6.256	0.500	47
• 476297	S	3.125	4.626	4.631	0.437	47	• 476878	S	1.625	3.937	3.942	0.375	47
• 476303	S	3.250	4.626	4.631	0.437	47	• 476888	S	4.500	5.500	5.506	0.500	47
• 476319	S	3.375	4.626	4.631	0.437	47	• 476888V	V	4.500	5.500	5.506	0.500	47
• 476323	S	3.375	4.751	4.756	0.625	47	• 476891	S	4.250	5.500	5.506	0.500	47
• 476327	S	3.375	5.251	5.256	0.468	47	• 476892	S	4.500	5.750	5.756	0.500	47
• 476328	S	3.500	4.626	4.631	0.437	47	• 476921	S	2.875	4.003	4.008	0.375	47
• 476332	S	3.625	4.626	4.631	0.437	47	• 476985	S	3.875	4.750	4.756	0.375	47
• 476332N	N	3.625	4.626	4.631	0.437	47	477055 <sup>RC</sup>	S	3.330	4.125	4.130	0.562	47
• 476335	S	3.625	5.251	5.256	0.468	47	477069 <sup>RC</sup>	S	2.598	4.000	4.005	0.500	47
• 476336	S	3.750	4.626	4.631	0.437	47	• 477104	S	1.625	3.543	3.548	0.375	47
• 476339	S	3.750	4.999	5.004	0.500	47	477105 <sup>RC</sup>	S	1.875	4.331	4.336	0.500	47
• 476341	S	3.875	4.626	4.631	0.437	47	• 477123	S	4.000	6.312	6.318	0.500	47
• 476345	S	3.875	4.999	5.004	0.500	47	• 477158	S	2.875	3.876	3.881	0.375	47
• 476365	S	3.437	4.501	4.506	0.468	47	• 477158V	V	2.875	3.876	3.881	0.375	47
• 476370	S	3.000	4.751	4.756	0.625	47	477163N <sup>RC</sup>	N	3.000	4.501	4.506	0.468	47
• 476380	S	4.375	5.500	5.506	0.500	47	• 477171	S	3.125	4.375	4.381	0.500	47

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>470000 SERIES (cont.)</b>							<b>470000 SERIES (cont.)</b>						
• 477172	S	3.125	4.500	4.506	0.500	47	477718	V	1.438	2.250	2.254	0.313	47
• 477181	S	3.250	4.376	4.381	0.500	47	477719	V	1.438	2.125	2.129	0.313	47
• 477191	S	3.375	4.500	4.506	0.500	47	477720	V	1.375	2.623	2.627	0.313	47
• 477196	S	3.500	4.625	4.631	0.500	47	477721	V	1.375	1.828	1.832	0.250	47
• 477205	S	3.750	4.875	4.881	0.500	47	477722	V	1.563	2.047	2.053	0.276	47
• 477211	S	3.875	4.875	4.881	0.500	47	477723	V	2.500	3.500	3.505	0.375	47
• 477247	S	4.750	6.001	6.007	0.500	47	477724	V	1.000	1.983	1.987	0.250	47
• 477254	S	5.500	6.500	6.507	0.562	47	477725	V	1.688	2.623	2.627	0.500	47
• 477262	S	5.250	6.250	6.256	0.500	47	477726	N	2.875	4.331	4.336	0.438	47
• 477278	S	5.000	6.375	6.381	0.500	47	477727	V	4.500	5.751	5.756	0.375	47
• 477316	S	2.750	3.751	3.756	0.375	47	477728	V	0.625	0.999	1.003	0.250	47
• 477343	S	2.625	3.751	3.756	0.375	47	477729	V	3.125	4.125	4.130	0.375	47
• 477344	S	2.875	3.751	3.756	0.375	47	477730	S	0.625	1.181	1.185	0.250	47
• 477344V	V	2.875	3.751	3.756	0.375	47	477731	V	3.375	4.125	4.130	0.375	47
• 477349	S	3.000	3.751	3.756	0.437	47	477732	V	0.500	0.875	0.879	0.250	47
• 477350	S	3.000	3.876	3.881	0.437	47	477733	S	0.625	0.999	1.003	0.250	47
• 477351	S	3.000	4.125	4.130	0.437	47	477734	V	3.500	4.376	4.381	0.375	47
• 477352	S	3.250	4.500	4.506	0.500	47	477735	V	2.750	4.003	4.008	0.375	47
• 477353	S	3.250	4.626	4.632	0.500	47	<b>480000 SERIES</b>						
• 477354	S	3.375	4.626	4.632	0.500	47	• 480007	S	0.562	1.124	1.128	0.375	48
• 477355	S	3.625	4.875	4.881	0.500	47	• 480009	S	0.625	1.124	1.128	0.375	48
• 477356	S	4.000	5.125	5.131	0.500	47	• 480023	S	0.625	1.375	1.379	0.406	48
• 477357	S	4.000	5.250	5.256	0.500	47	• 480028	S	0.750	1.499	1.503	0.390	48
• 477358	S	5.250	6.375	6.381	0.500	47	• 480039	S	0.937	1.828	1.832	0.437	48
• 477359	S	5.250	6.625	6.632	0.562	47	• 480041	S	1.000	1.828	1.832	0.437	48
• 477360	S	5.500	6.625	6.632	0.562	47	• 480043	S	1.062	1.828	1.832	0.437	48
• 477361	S	5.500	6.875	6.882	0.562	47	• 480047	S	1.187	1.983	1.987	0.437	48
• 477362	S	5.750	6.750	6.757	0.575	47	• 480057	S	1.437	2.374	2.378	0.500	48
• 477363	S	5.750	6.875	6.882	0.562	47	• 480058	S	1.468	2.374	2.378	0.500	48
• 477364	S	5.750	7.125	7.132	0.562	47	• 480058N	N	1.468	2.374	2.378	0.500	48
• 477365	S	6.000	7.125	7.132	0.562	47	• 480059	S	1.500	2.374	2.378	0.500	48
• 477366	S	3.875	5.250	5.256	0.500	47	• 480059N	N	1.500	2.374	2.378	0.500	48
• 477437	S	3.500	4.500	4.506	0.375	47	• 480061	S	1.375	2.437	2.441	0.468	48
• 477439	S	4.500	5.501	5.507	0.380	47	• 480061N	N	1.375	2.437	2.441	0.468	48
• 477586V	V	2.625	4.376	4.381	0.500	47	• 480064	S	1.562	2.437	2.441	0.468	48
• 477599	S	3.500	4.376	4.381	0.375	47	• 480067	S	1.500	2.502	2.506	0.500	48
• 477609	S	1.875	3.500	3.505	0.500	47	• 480069	S	1.625	2.623	2.627	0.500	48
• 477673V	V	1.968	4.003	4.008	0.437	47	• 480070	S	1.750	2.623	2.627	0.500	48
• 477674V	V	2.165	4.003	4.008	0.437	47	• 480070N	N	1.750	2.623	2.627	0.500	48
477701	V	2.063	3.000	3.005	0.375	47	• 480071	S	1.875	2.623	2.627	0.500	48
477702	V	1.875	2.441	2.446	0.315	47	• 480071V	V	1.875	2.623	2.627	0.500	48
477703	V	0.750	1.624	1.628	0.250	47	• 480076	S	1.750	2.686	2.690	0.500	48
477704	S	0.750	1.312	1.316	0.250	47	• 480076N	N	1.750	2.686	2.690	0.500	48
477705	V	1.375	2.047	2.051	0.276	47	• 480077	S	1.500	2.758	2.762	0.500	48
477706	V	0.750	1.752	1.756	0.250	47	• 480082	S	1.875	2.875	2.879	0.468	48
477707	V	0.945	2.441	2.446	0.315	47	• 480085	S	2.000	2.996	3.001	0.500	48
477708	V	1.625	2.562	2.566	0.313	47	• 480094	S	1.937	3.189	3.194	0.437	48
477709	V	0.625	1.850	1.855	0.276	47	• 480096	S	2.062	3.189	3.194	0.437	48
477710	S	2.250	2.875	2.879	0.313	47	• 480097	S	2.125	3.350	3.355	0.468	48
477711	V	2.500	4.003	4.008	0.375	47	• 480098	S	2.187	3.350	3.355	0.468	48
477712	V	1.378	1.850	1.855	0.276	47	• 480099	S	2.250	3.350	3.355	0.468	48
477713	S	1.719	2.561	2.565	0.315	47	• 480101	S	2.375	3.350	3.355	0.468	48
477714	S	1.750	2.437	2.441	0.315	47	• 480101N	N	2.375	3.350	3.355	0.468	48
477715	S	1.688	2.623	2.627	0.313	47	• 480115	S	2.125	2.996	3.001	0.500	48
477716	V	0.875	1.624	1.628	0.256	47	• 480118	S	1.812	2.750	2.754	0.500	48
477717	V	1.938	2.623	2.627	0.313	47							

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>480000 SERIES (cont.)</b>							<b>480000 SERIES (cont.)</b>						
• 480119	S	0.500	0.999	1.003	0.375	48	• 480363	S	1.687	2.502	2.506	0.375	48
• 480121	S	2.125	3.189	3.194	0.437	48	• 480365	S	2.125	2.875	2.879	0.468	48
• 480132	S	2.250	3.371	3.376	0.468	48	• 480373	S	2.062	2.875	2.879	0.468	48
• 480132N	N	2.250	3.371	3.376	0.468	48	• 480403	S	1.375	2.062	2.066	0.437	48
• 480135	S	1.375	2.125	2.129	0.437	48	• 480403N	N	1.375	2.062	2.066	0.437	48
• 480136	S	1.500	2.250	2.254	0.500	48	• 480403V	V	1.375	2.062	2.066	0.437	48
• 480137	S	0.687	1.124	1.128	0.375	48	• 480410	S	2.000	2.623	2.627	0.500	48
• 480138	S	1.937	2.686	2.690	0.500	48	• 480410N	N	2.000	2.623	2.627	0.500	48
• 480139	S	2.187	2.996	3.001	0.500	48	• 480433	S	2.250	3.125	3.130	0.500	48
• 480144	S	1.437	2.502	2.506	0.500	48	• 480441	S	2.250	2.996	3.001	0.500	48
• 480145	S	1.937	2.996	3.001	0.500	48	• 480444	S	1.375	2.502	2.506	0.500	48
• 480152	S	1.187	2.125	2.129	0.437	48	• 480452	S	1.375	2.835	2.839	0.468	48
• 480160	S	1.125	2.000	2.004	0.437	48	• 480453	S	1.437	2.125	2.129	0.437	48
• 480162	S	1.187	2.000	2.004	0.437	48	• 480453N	N	1.437	2.125	2.129	0.437	48
• 480169	S	1.375	2.250	2.254	0.500	48	• 480455	S	1.937	2.623	2.627	0.500	48
• 480171	S	1.437	2.250	2.254	0.500	48	• 480463	S	1.375	2.750	2.754	0.500	48
• 480183	S	1.750	2.750	2.754	0.500	48	• 480479	S	1.687	2.437	2.441	0.468	48
• 480185	S	1.562	2.502	2.506	0.500	48	480479H	H	1.687	2.437	2.441	0.468	48
• 480194	S	1.625	2.502	2.506	0.500	48	• 480479V	V	1.687	2.437	2.441	0.468	48
• 480204	S	0.812	1.375	1.379	0.406	48	• 480489	S	2.187	2.875	2.879	0.468	48
<b>480210<sup>RC</sup></b>	<b>S</b>	<b>1.062</b>	<b>1.499</b>	<b>1.503</b>	<b>0.312</b>	<b>48</b>	480491 <sup>RC</sup>	S	2.750	3.481	3.486	0.500	48
• 480230	S	1.000	1.752	1.756	0.437	48	• 480494	S	1.750	2.502	2.506	0.375	48
• 480235V	V	1.093	1.874	1.878	0.437	48	• 480494N	N	1.750	2.502	2.506	0.375	48
• 480248	S	1.343	2.125	2.129	0.437	48	• 480496	S	2.500	3.350	3.355	0.468	48
• 480261	S	2.062	2.996	3.001	0.500	48	• 480496N	N	2.500	3.350	3.355	0.468	48
• 480265	S	1.687	2.623	2.627	0.500	48	• 480519	S	2.500	3.251	3.256	0.500	48
• 480267	S	1.812	2.623	2.627	0.500	48	• 480519N	N	2.500	3.251	3.256	0.500	48
• 480268	S	1.843	2.623	2.627	0.500	48	• 480519V	V	2.500	3.251	3.256	0.500	48
480281 <sup>RC</sup>	S	1.812	2.758	2.762	0.500	48	• 480520	S	2.250	3.000	3.005	0.500	48
• 480283	S	1.875	2.758	2.762	0.500	48	• 480523	S	1.500	2.875	2.879	0.468	48
• 480295	S	1.937	2.875	2.879	0.468	48	• 480536	S	0.562	1.246	1.250	0.375	48
• 480300	S	1.937	3.000	3.005	0.500	48	• 480539	S	1.625	3.000	3.005	0.500	48
• 480302	S	2.062	3.000	3.005	0.500	48	• 480541	S	1.000	1.752	1.756	0.375	48
• 480306	S	1.937	3.061	3.066	0.500	48	• 480550	S	1.937	2.562	2.567	0.317	48
• 480307	S	2.062	3.061	3.066	0.500	48	• 480552	S	2.375	3.125	3.130	0.500	48
• 480308	S	2.125	3.061	3.066	0.500	48	• 480553	S	1.000	1.499	1.503	0.312	48
• 480309	S	1.937	3.125	3.130	0.500	48	• 480565	S	2.375	3.125	3.130	0.375	48
• 480311	S	2.062	3.125	3.130	0.500	48	• 480567	S	0.875	1.375	1.379	0.312	48
• 480312	S	2.125	3.125	3.130	0.500	48	• 480567N	N	0.875	1.375	1.379	0.312	48
• 480312N	N	2.125	3.125	3.130	0.500	48	480570	S	1.375	2.000	2.004	0.328	48
• 480313	S	2.062	3.251	3.256	0.500	48	• 480574	S	2.375	3.251	3.256	0.500	48
• 480314	S	2.125	3.251	3.256	0.500	48	480574H <sup>RC</sup>	H	2.375	3.252	3.256	0.500	48
• 480315	S	2.187	3.251	3.256	0.500	48	480581 <sup>RC</sup>	S	1.594	2.125	2.129	0.250	48
• 480316	S	2.250	3.251	3.256	0.500	48	• 480605	S	2.500	3.371	3.376	0.375	48
• 480316N	S	2.250	3.251	3.256	0.500	48	• 480626	S	2.625	3.371	3.376	0.468	48
• 480320	S	2.375	3.189	3.194	0.437	48	<b>480630<sup>RC</sup></b>	<b>S</b>	<b>1.500</b>	<b>2.062</b>	<b>2.066</b>	<b>0.250</b>	<b>48</b>
• 480329	S	2.625	3.350	3.356	0.468	48	• 480639	S	2.125	2.835	2.839	0.468	48
• 480329N	N	2.625	3.350	3.356	0.468	48	• 480652	S	1.250	2.000	2.004	0.375	48
• 480329RCY	S	2.625	3.350	3.356	0.468	48	• 480673	S	0.812	1.375	1.379	0.250	48
• 480330	S	2.500	3.371	3.376	0.468	48	• 480680	S	0.875	1.499	1.503	0.312	48
• 480343	S	2.062	3.371	3.376	0.468	48	• 480681	S	2.187	3.125	3.130	0.500	48
• 480350	S	2.375	3.371	3.376	0.468	48	• 480683	S	1.250	1.874	1.878	0.375	48
• 480352	S	1.750	2.502	2.506	0.500	48	• 480712	S	1.125	1.874	1.878	0.250	48
• 480354	S	2.187	3.189	3.194	0.437	48	• 480737	S	2.250	3.189	3.194	0.437	48
480356 <sup>RC</sup>	S	1.250	1.686	1.690	0.375	48	• 480774	S	1.375	2.062	2.066	0.375	48
• 480359	S	1.750	2.996	3.001	0.500	48	• 480791	S	0.625	1.124	1.128	0.312	48

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>480000 SERIES (cont.)</b>							<b>480000 SERIES (cont.)</b>						
• 480814	S	1.500	2.441	2.445	0.500	48	• 481315N	N	0.562	0.999	1.003	0.250	48
480821 <sup>RC</sup>	S	0.750	1.312	1.316	0.250	48	• 481315V	V	0.562	0.999	1.003	0.250	48
• 480823	S	1.875	2.502	2.506	0.500	48	• 481338	S	2.187	3.000	3.005	0.500	48
480844 <sup>RC</sup>	S	1.500	2.222	2.226	0.312	48	• 481384N	N	1.594	2.125	2.129	0.281	48
• 480867N	N	2.125	2.875	2.879	0.437	48	<b>481397<sup>RC</sup></b>	<b>S</b>	<b>0.656</b>	<b>1.575</b>	<b>1.579</b>	<b>0.250</b>	<b>48</b>
480889 <sup>RC</sup>	S	0.812	1.312	1.316	0.250	48	• 481410	S	1.687	2.328	2.332	0.437	48
• 480895	S	0.750	1.375	1.379	0.312	48	• 481413V	V	1.250	1.752	1.756	0.250	48
• 480898	S	2.125	2.875	2.879	0.375	48	• 481414	S	3.375	4.376	4.381	0.562	48
• 480898H	H	2.125	2.875	2.879	0.375	48	• 481419	S	1.625	2.437	2.441	0.375	48
• 480929	S	1.750	2.374	2.378	0.500	48	• 481420	S	1.750	2.436	2.441	0.315	48
• 480950	S	1.375	2.437	2.441	0.375	48	• 481424	S	2.000	2.623	2.627	0.312	48
• 480950N	N	1.375	2.437	2.441	0.375	48	• 481442	S	0.500	0.999	1.003	0.250	48
480954 <sup>RC</sup>	S	0.750	1.250	1.254	0.250	48	• 481442N	N	0.500	0.999	1.003	0.250	48
• 480954N	N	0.750	1.250	1.254	0.250	48	• 481442V	V	0.500	0.999	1.003	0.250	48
480954V <sup>RC</sup>	V	0.750	1.250	1.254	0.250	48	<b>481443<sup>RC</sup></b>	<b>S</b>	<b>0.781</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>48</b>
• 480963	S	1.562	2.437	2.441	0.500	48	481443V <sup>RC</sup>	V	0.781	1.375	1.379	0.250	48
• 480972	S	2.125	3.371	3.376	0.468	48	481466 <sup>RC</sup>	S	0.625	1.124	1.128	0.250	48
• 480988	S	2.375	3.061	3.066	0.500	48	• 481466V	V	0.625	1.124	1.128	0.250	48
480988H <sup>RC</sup>	H	2.375	3.061	3.066	0.500	48	• 481475	S	2.625	3.543	3.548	0.500	48
480991 <sup>RC</sup>	S	1.500	2.062	2.066	0.375	48	481481	S	0.668	1.187	1.191	0.185	48
• 481016	S	1.562	2.125	2.129	0.437	48	• 481504	S	1.750	2.437	2.441	0.312	48
• 481016N	N	1.562	2.125	2.129	0.437	48	• 481507	S	1.500	2.252	2.256	0.375	48
<b>481073<sup>RC</sup></b>	<b>S</b>	<b>0.656</b>	<b>1.375</b>	<b>1.379</b>	<b>0.250</b>	<b>48</b>	• 481507N	N	1.500	2.252	2.256	0.375	48
• 481083N	N	1.250	1.752	1.756	0.375	48	• 481507V	V	1.500	2.252	2.256	0.375	48
• 481083V	V	1.250	1.752	1.756	0.375	48	• 481509	S	2.500	3.250	3.256	0.437	48
• 481100	S	1.125	1.624	1.628	0.312	48	<b>481528<sup>RC</sup></b>	<b>S</b>	<b>0.656</b>	<b>1.124</b>	<b>1.128</b>	<b>0.250</b>	<b>48</b>
• 481122	S	1.750	2.437	2.441	0.375	48	• 481535	S	0.562	1.250	1.254	0.250	48
• 481131	S	1.375	2.374	2.378	0.375	48	<b>481537<sup>RC</sup></b>	<b>S</b>	<b>0.656</b>	<b>1.250</b>	<b>1.254</b>	<b>0.250</b>	<b>48</b>
• 481133	S	1.125	1.752	1.756	0.375	48	• 481552	S	0.593	1.375	1.379	0.250	48
• 481135	S	1.125	2.062	2.066	0.375	48	<b>481568<sup>RC</sup></b>	<b>S</b>	<b>0.781</b>	<b>1.499</b>	<b>1.503</b>	<b>0.250</b>	<b>48</b>
• 481138	S	2.250	3.125	3.130	0.375	48	• 481570	S	0.875	1.499	1.503	0.250	48
• 481138N	N	2.250	3.125	3.130	0.375	48	• 481570V	V	0.875	1.499	1.503	0.250	48
• 481150N	N	1.625	2.374	2.378	0.375	48	• 481582	S	0.937	1.499	1.504	0.312	48
481163 <sup>RC</sup>	S	1.500	2.000	2.004	0.312	48	<b>481644<sup>RC</sup></b>	<b>S</b>	<b>0.781</b>	<b>1.624</b>	<b>1.628</b>	<b>0.250</b>	<b>48</b>
• 481166	S	1.937	2.625	2.629	0.375	48	481650 <sup>RC</sup>	S	1.031	1.624	1.628	0.250	48
481181 <sup>RC</sup>	S	1.625	2.125	2.129	0.250	48	• 481652	S	1.125	1.624	1.628	0.250	48
481181N <sup>RC</sup>	N	1.625	2.125	2.129	0.250	48	• 481652N	N	1.125	1.624	1.628	0.250	48
481191V <sup>RC,BI</sup>	V	2.254	2.756	2.763	0.340	48	• 481688	S	0.968	1.752	1.756	0.250	48
• 481192	S	1.375	2.125	2.129	0.312	48	• 481718	S	1.062	1.752	1.756	0.375	48
481195 <sup>RC</sup>	S	1.937	2.502	2.506	0.375	48	• 481750	S	1.250	1.983	1.987	0.250	48
• 481195N	N	1.937	2.502	2.506	0.375	48	• 481765	S	1.187	2.000	2.004	0.250	48
• 481203N	N	1.250	1.750	1.754	0.375	48	• 481766	S	1.250	2.000	2.004	0.250	48
<b>481213<sup>RC</sup></b>	<b>S</b>	<b>1.187</b>	<b>1.687</b>	<b>1.691</b>	<b>0.250</b>	<b>48</b>	• 481787	S	1.250	2.062	2.066	0.250	48
• 481224	S	1.000	1.499	1.503	0.250	48	• 481787N	N	1.250	2.062	2.066	0.250	48
481224V <sup>RC</sup>	V	1.000	1.499	1.503	0.250	48	<b>481792<sup>RC</sup></b>	<b>S</b>	<b>1.125</b>	<b>2.125</b>	<b>2.129</b>	<b>0.250</b>	<b>48</b>
• 481234	S	2.250	3.061	3.066	0.500	48	• 481792N	N	1.125	2.125	2.129	0.250	48
• 481239	S	1.000	1.625	1.629	0.375	48	• 481795	S	1.250	2.125	2.129	0.250	48
481267 <sup>RC</sup>	S	0.875	1.375	1.379	0.250	48	• 481801	S	1.250	2.252	2.256	0.375	48
• 481267N	N	0.875	1.375	1.379	0.250	48	• 481801RRR	S	1.250	2.251	2.256	0.375	48
• 481271	S	2.500	3.251	3.256	0.375	48	• 481808	S	1.250	2.374	2.378	0.375	48
• 481272	S	2.250	3.000	3.005	0.375	48	• 481833	S	1.250	2.502	2.506	0.375	48
• 481272N	N	2.250	3.000	3.005	0.375	48	481834 <sup>RC</sup>	S	1.312	2.502	2.506	0.375	48
• 481281	S	0.562	1.124	1.128	0.250	48	481837 <sup>RC</sup>	S	1.500	2.502	2.506	0.375	48
• 481288	S	1.750	2.374	2.378	0.375	48	• 481839	S	1.625	2.502	2.506	0.375	48
• 481289	S	1.625	2.251	2.256	0.375	48	• 481839N	N	1.625	2.502	2.506	0.375	48
• 481315	S	0.562	0.999	1.003	0.250	48	481859 <sup>RC</sup>	S	1.250	2.686	2.690	0.375	48

NUMERIC SECTION

Numerical List Size & Type

RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>480000 SERIES (cont.)</b>							<b>480000 SERIES (cont.)</b>						
481864 <sup>RC</sup>	S	1.625	2.686	2.690	0.375	48	483230 <sup>VRC</sup>	V	1.625	2.250	2.254	0.312	48
• 481887H	H	2.437	3.125	3.130	0.375	48	• 483238	S	1.875	2.875	2.879	0.312	48
• 481953	S	2.187	2.875	2.879	0.437	48	483238 <sup>VRC</sup>	V	1.875	2.875	2.879	0.312	48
• 481984	S	1.750	3.000	3.005	0.375	48	• 483240	S	1.875	3.125	3.130	0.312	48
481992 <sup>RC</sup>	S	1.812	3.125	3.130	0.375	48	• 483243	S	2.125	3.251	3.256	0.375	48
• 482005	S	1.875	3.125	3.130	0.375	48	• 483244	S	2.187	2.875	2.879	0.375	48
• 482012	S	2.062	3.000	3.005	0.375	48	• 483245	S	2.187	3.251	3.256	0.375	48
• 482015N	N	2.125	3.000	3.005	0.375	48	• 483246	S	2.375	3.251	3.256	0.375	48
• 482015V	V	2.125	3.000	3.005	0.375	48	483246 <sup>RC,CW</sup>	N	2.375	3.251	3.256	0.375	48
• 482016	S	2.125	3.125	3.130	0.375	48	• 483247	S	2.375	3.371	3.376	0.375	48
• 482017	S	2.187	2.996	3.001	0.437	48	• 483248	S	2.625	3.371	3.376	0.375	48
• 482018	S	2.187	3.000	3.005	0.375	48	483367 <sup>VRC</sup>	V	1.625	2.437	2.441	0.312	48
• 482019	S	2.187	3.062	3.066	0.500	48	483459 <sup>HRC</sup>	H	1.937	2.686	2.690	0.312	48
• 482020	S	2.187	3.125	3.130	0.375	48	483488 <sup>RC,CW</sup>	S	1.175	1.771	1.775	0.275	48
• 482029	S	2.500	3.189	3.194	0.375	48	• 483525V	V	1.618	2.124	2.128	0.250	48
• 482035	S	2.187	3.371	3.376	0.468	48	• 483562	S	1.375	1.983	1.987	0.375	48
• 482041	S	1.875	2.502	2.506	0.375	48	• 483562N	N	1.375	1.983	1.987	0.375	48
482041 <sup>NRC</sup>	N	1.875	2.502	2.506	0.375	48	• 483602	S	1.730	2.834	2.838	0.375	48
482069 <sup>NRC</sup>	N	0.860	1.437	1.441	0.250	48	483793 <sup>RC</sup>	S	1.343	2.441	2.445	0.375	48
• 482089	S	0.781	1.850	1.854	0.312	48	• 483801	S	1.875	2.441	2.445	0.325	48
482126	S	1.750	2.328	2.332	0.437	48	• 483815	S	2.125	3.350	3.356	1.250	48
• 482157N	N	4.250	5.251	5.256	0.375	48	484054 <sup>RC</sup>	S	1.326	2.061	2.065	0.375	48
482163 <sup>RC</sup>	S	1.375	1.983	1.987	0.312	48	484058 <sup>RC</sup>	S	1.322	2.227	2.231	0.375	48
482163 <sup>NRC</sup>	N	1.375	1.983	1.987	0.312	48	484064V	V	2.062	2.561	2.565	0.313	48
• 482164	S	1.750	2.502	2.506	0.312	48	484114 <sup>RC</sup>	S	0.625	1.625	1.629	0.250	48
482164 <sup>NRC</sup>	N	1.750	2.502	2.506	0.312	48	484156 <sup>VRC</sup>	V	1.375	1.874	1.879	0.240	48
• 482167	S	1.375	2.250	2.254	0.325	48	• 484236V	V	1.772	2.402	2.408	0.354	48
• 482170	S	1.625	2.875	2.879	0.500	48	• 485001	S	2.500	3.543	3.548	0.500	48
482208 <sup>RC</sup>	S	1.125	1.624	1.628	0.245	48	• 485002	S	2.562	3.623	3.628	0.468	48
482230 <sup>NRC</sup>	N	1.250	2.126	2.130	0.375	48	• 485004	S	2.750	3.751	3.756	0.500	48
482253 <sup>RC</sup>	S	1.593	2.502	2.506	0.250	48	• 485006	S	2.875	3.751	3.756	0.500	48
• 482253N	N	1.593	2.502	2.506	0.250	48	• 485007	S	2.625	3.876	3.881	0.468	48
482267 <sup>RC</sup>	S	1.750	3.153	3.159	0.312	48	• 485009	S	2.750	3.876	3.881	0.468	48
482309 <sup>RC</sup>	S	0.968	1.850	1.854	0.375	48	• 485011	S	2.875	4.003	4.008	0.468	48
• 482309V	V	0.968	1.850	1.854	0.375	48	• 485011N	N	2.875	4.003	4.008	0.468	48
482310 <sup>RC</sup>	S	0.968	2.048	2.052	0.375	48	• 485013	S	3.000	4.003	4.008	0.468	48
• 482336	S	1.000	1.828	1.832	0.375	48	• 485014	S	3.000	4.249	4.254	0.625	48
• 482401V	V	1.625	2.437	2.441	0.500	48	• 485016	S	3.125	4.249	4.254	0.625	48
482415 <sup>RC</sup>	S	1.496	2.058	2.063	0.250	48	• 485018	S	3.250	4.249	4.254	0.625	48
• 482435	S	2.172	3.345	3.350	0.500	48	• 485019	S	3.000	4.999	5.004	0.468	48
• 482439	S	1.875	2.623	2.627	0.312	48	• 485021	S	3.125	4.999	5.004	0.468	48
• 482522	S	1.000	1.874	1.878	0.375	48	• 485023	S	3.250	4.999	5.004	0.468	48
• 482523	S	1.125	1.874	1.878	0.375	48	• 485025	S	3.375	4.999	5.004	0.468	48
• 482576	S	1.375	2.125	2.129	0.375	48	• 485027	S	3.500	4.999	5.004	0.468	48
482576N	N	1.375	2.125	2.129	0.375	48	• 485027N	N	3.500	4.999	5.004	0.468	48
• 482582	S	0.968	1.750	1.754	0.375	48	• 485029	S	3.625	4.999	5.004	0.468	48
• 482585	S	1.187	2.062	2.066	0.375	48	• 485031	S	3.750	4.999	5.004	0.468	48
• 482591	S	1.500	2.328	2.332	0.437	48	• 485033	S	3.875	4.999	5.004	0.468	48
• 482612	S	2.125	2.875	2.879	0.500	48	• 485033V	V	3.875	4.999	5.004	0.468	48
• 482636	S	2.250	3.251	3.256	0.375	48	• 485035	S	4.000	4.999	5.004	0.468	48
• 482674	S	1.125	1.983	1.987	0.375	48	• 485035N	N	4.000	4.999	5.004	0.468	48
• 482916	S	2.250	3.189	3.194	0.375	48	• 485036	S	4.000	5.501	5.506	0.562	48
• 482920	S	2.250	3.371	3.376	0.375	48	• 485040	S	4.250	5.501	5.506	0.562	48
• 483010	S	1.625	2.502	2.506	0.312	48	• 485041	S	4.000	5.751	5.756	0.562	48
483054 <sup>NRC</sup>	N	1.175	1.828	1.832	0.312	48	• 485045	S	4.250	5.751	5.756	0.562	48
• 483230	S	1.625	2.250	2.254	0.312	48	• 485047	S	4.375	5.751	5.756	0.562	48

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>480000 SERIES (cont.)</b>							<b>480000 SERIES (cont.)</b>						
• 485049	S	4.500	5.751	5.756	0.562	48	• 485265	S	3.250	4.751	4.756	0.625	48
• 485053	S	4.750	5.751	5.756	0.562	48	• 485271	S	5.000	5.999	6.007	0.625	48
• 485054	S	4.000	6.250	6.256	0.562	48	• 485272	S	2.750	4.003	4.008	0.468	48
• 485058	S	4.250	6.250	6.256	0.562	48	• 485281	S	3.000	3.751	3.756	0.500	48
• 485060	S	4.375	6.250	6.256	0.562	48	• 485296	S	2.625	4.003	4.008	0.468	48
• 485062	S	4.500	6.250	6.256	0.562	48	• 485303	S	2.875	3.623	3.628	0.375	48
• 485064	S	4.625	6.250	6.256	0.562	48	• 485303N	N	2.875	3.623	3.628	0.375	48
• 485066	S	4.750	6.250	6.256	0.562	48	• 485304	S	3.250	4.249	4.254	0.500	48
• 485068	S	4.875	6.250	6.256	0.562	48	• 485315	S	2.750	3.623	3.628	0.468	48
• 485070	S	5.000	6.250	6.256	0.562	48	• 485322	S	2.750	3.543	3.548	0.500	48
• 485072	S	6.000	7.501	7.508	0.562	48	• 485328	S	3.250	5.251	5.256	0.468	48
• 485079	S	2.500	3.751	3.756	0.500	48	• 485350	S	2.187	3.623	3.628	0.468	48
• 485082	S	2.500	3.876	3.881	0.468	48	• 485354	S	3.125	4.003	4.008	0.468	48
• 485088	S	3.000	4.499	4.504	0.468	48	• 485355	S	2.875	3.876	3.881	0.468	48
• 485091	S	4.875	5.999	6.007	0.625	48	• 485364	S	2.750	3.500	3.505	0.500	48
• 485093	S	2.250	3.500	3.505	0.500	48	485364N <sup>RC</sup>	N	2.750	3.500	3.505	0.500	48
• 485095	S	2.375	3.500	3.505	0.500	48	• 485368	S	2.625	3.500	3.505	0.500	48
• 485137	S	3.250	4.499	4.504	0.468	48	• 485369	S	2.500	3.623	3.628	0.468	48
• 485138	S	4.750	5.750	5.756	0.500	48	• 485371	S	4.625	5.751	5.756	0.562	48
• 485138V	V	4.750	5.751	5.756	0.500	48	• 485379	S	3.750	4.751	4.756	0.500	48
• 485144	S	2.875	4.499	4.504	0.468	48	• 485379N	N	3.750	4.751	4.756	0.500	48
• 485145	S	3.125	4.499	4.504	0.468	48	• 485389	S	3.625	4.499	4.504	0.468	48
• 485146	S	3.500	4.499	4.504	0.468	48	• 485394	S	3.125	5.251	5.256	0.468	48
• 485147	S	2.500	3.500	3.505	0.500	48	• 485396	S	3.500	5.751	5.756	0.562	48
• 485148	S	3.875	5.251	5.256	0.468	48	• 485423	S	3.750	5.501	5.506	0.562	48
• 485149	S	2.625	3.751	3.756	0.500	48	• 485436	S	3.625	5.751	5.756	0.562	48
• 485150	S	3.750	5.251	5.256	0.468	48	• 485437	S	3.500	4.750	4.756	0.500	48
• 485151	S	2.687	3.751	3.756	0.500	48	• 485449	S	2.500	3.500	3.505	0.375	48
• 485152	S	2.875	4.125	4.130	0.562	48	• 485458	S	2.625	3.623	3.628	0.375	48
• 485154	S	3.000	4.125	4.130	0.562	48	• 485479	S	3.000	3.876	3.881	0.468	48
• 485156	S	3.125	4.125	4.130	0.562	48	• 485483	S	2.625	3.500	3.505	0.375	48
• 485160	S	3.125	4.376	4.381	0.625	48	485497 <sup>RC</sup>	S	3.625	4.874	4.879	0.585	48
• 485162	S	3.250	4.376	4.381	0.625	48	• 485498	S	3.562	4.499	4.504	0.468	48
• 485165	S	3.375	4.499	4.504	0.468	48	• 485500N	N	3.298	4.125	4.130	0.562	48
• 485173	S	3.500	4.751	4.756	0.625	48	• 485559	S	3.500	5.251	5.256	0.468	48
• 485175	S	3.625	4.751	4.756	0.625	48	• 485566	S	3.250	4.125	4.130	0.562	48
• 485177	S	3.750	4.751	4.756	0.625	48	• 485613	S	3.375	4.249	4.254	0.625	48
• 485179	S	3.875	4.751	4.756	0.625	48	• 485636	S	2.187	3.500	3.505	0.500	48
• 485179N	N	3.875	4.751	4.756	0.625	48	• 485645	S	5.250	6.500	6.507	0.562	48
• 485192	S	4.000	5.251	5.256	0.468	48	• 485655	S	2.500	4.003	4.008	0.468	48
• 485195	S	4.250	5.251	5.256	0.468	48	• 485659	S	2.125	3.500	3.505	0.500	48
485195H <sup>RC</sup>	H	4.250	5.251	5.256	0.468	48	• 485697	S	3.875	5.125	5.131	0.500	48
• 485196	S	4.250	5.376	5.381	0.500	48	• 485725	S	5.000	6.001	6.007	0.500	48
• 485198	S	4.375	5.501	5.506	0.562	48	• 485836	S	3.000	4.003	4.008	0.437	48
• 485200	S	4.500	5.501	5.506	0.562	48	• 485852	S	3.750	5.751	5.756	0.562	48
• 485201	S	4.000	5.999	6.007	0.625	48	• 485869N	N	5.500	7.248	7.255	0.656	48
• 485205	S	4.250	5.999	6.007	0.625	48	• 485894	S	3.375	4.376	4.381	0.500	48
• 485207	S	4.375	5.999	6.007	0.625	48	• 485937	S	3.625	4.751	4.756	0.500	48
• 485209	S	4.500	5.999	6.007	0.625	48	• 485953	S	4.000	4.999	5.004	0.500	48
• 485211	S	4.625	5.999	6.007	0.625	48	• 485960	S	2.750	3.876	3.881	0.375	48
• 485213	S	4.750	5.999	6.007	0.625	48	• 485984	S	2.750	3.623	3.628	0.375	48
• 485234	S	2.250	3.623	3.628	0.468	48	• 485991N	N	3.500	4.501	4.506	0.468	48
• 485245	S	3.125	4.751	4.756	0.625	48	• 485996N	N	3.375	4.280	4.285	0.406	48
• 485259	S	2.250	3.751	3.756	0.500	48	• 486011	S	3.125	4.125	4.130	0.500	48
• 485260	S	2.062	3.623	3.628	0.468	48	• 486023	S	3.000	3.751	3.756	0.375	48
• 485262	S	3.500	5.501	5.506	0.562	48	• 486023N	N	3.000	3.751	3.756	0.375	48

NUMERIC SECTION



**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>480000 SERIES (cont.)</b>							<b>480000 SERIES (cont.)</b>						
• 486041	S	3.750	4.626	4.632	0.500	48	• 487119	S	3.000	4.125	4.130	0.438	48
• 486043	S	3.875	5.751	5.756	0.562	48	• 487158	S	2.875	3.876	3.881	0.375	48
• 486047	S	3.625	4.625	4.631	0.500	48	• 487162	S	3.000	4.500	4.506	0.500	48
• 486107	S	5.500	6.750	6.757	0.575	48	• 487171	S	3.125	4.375	4.381	0.500	48
• 486125	S	3.625	4.999	5.004	0.500	48	• 487172	S	3.125	4.500	4.506	0.500	48
• 486128	S	3.875	5.501	5.506	0.562	48	• 487181	S	3.250	4.376	4.381	0.500	48
• 486130	S	4.000	5.375	5.381	0.500	48	• 487191	S	3.375	4.500	4.506	0.500	48
• 486135	S	4.250	5.625	5.631	0.500	48	• 487196	S	3.500	4.625	4.631	0.500	48
• 486153	S	4.500	5.625	5.631	0.500	48	• 487205	S	3.750	4.875	4.881	0.500	48
• 486167	S	4.875	5.999	6.007	0.500	48	• 487211	S	3.875	4.875	4.881	0.500	48
• 486267	S	2.125	3.501	3.505	0.375	48	• 487247	S	4.750	6.001	6.007	0.500	48
• 486268	S	2.187	3.500	3.505	0.375	48	• 487250V	V	4.750	6.000	6.006	0.500	48
• 486271	S	2.375	3.500	3.505	0.375	48	• 487254	S	5.500	6.500	6.507	0.562	48
• 486273	S	2.500	3.623	3.628	0.375	48	• 487262	S	5.250	6.250	6.256	0.500	48
• 486281N	N	2.750	4.125	4.130	0.562	48	• 487278	S	5.000	6.375	6.381	0.500	48
• 486281V	V	2.750	4.125	4.130	0.562	48	• 487316	S	2.750	3.751	3.756	0.375	48
• 486286	S	2.875	4.249	4.254	0.625	48	• 487319	S	3.375	4.250	4.255	0.280	48
• 486287	S	3.125	4.249	4.254	0.468	48	• 487343	S	2.625	3.751	3.756	0.375	48
• 486288	S	3.125	4.249	4.254	0.500	48	• 487344	S	2.875	3.751	3.756	0.375	48
• 486294	S	3.375	4.249	4.254	0.500	48	• 487344V	V	2.875	3.751	3.756	0.375	48
• 486303	S	3.250	4.626	4.631	0.437	48	• 487349	S	3.000	3.751	3.756	0.437	48
• 486319	S	3.375	4.626	4.631	0.437	48	• 487350	S	3.000	3.876	3.881	0.437	48
• 486319V	V	3.375	4.626	4.631	0.437	48	• 487351	S	3.000	4.125	4.130	0.437	48
• 486323	S	3.375	4.751	4.756	0.625	48	• 487352	S	3.250	4.500	4.506	0.500	48
• 486327	S	3.375	5.251	5.256	0.468	48	• 487353	S	3.250	4.626	4.632	0.500	48
• 486328	S	3.500	4.626	4.631	0.437	48	• 487354	S	3.375	4.626	4.632	0.500	48
• 486332	S	3.625	4.626	4.631	0.437	48	• 487355	S	3.625	4.875	4.881	0.500	48
• 486332N	N	3.625	4.626	4.631	0.437	48	• 487356	S	4.000	5.125	5.131	0.500	48
• 486335	S	3.625	5.251	5.256	0.468	48	• 487357	S	4.000	5.250	5.256	0.500	48
• 486336	S	3.750	4.626	4.631	0.437	48	• 487358	S	5.250	6.375	6.381	0.500	48
• 486339	S	3.750	4.999	5.004	0.500	48	• 487359	S	5.250	6.625	6.632	0.562	48
• 486345	S	3.875	4.999	5.004	0.500	48	• 487360	S	5.500	6.625	6.632	0.562	48
• 486370	S	3.000	4.751	4.756	0.625	48	• 487361	S	5.500	6.875	6.882	0.562	48
• 486380	S	4.375	5.500	5.506	0.500	48	• 487362	S	5.750	6.750	6.757	0.575	48
• 486414	S	3.500	4.500	4.506	0.500	48	• 487363	S	5.750	6.875	6.882	0.562	48
• 486517	S	3.937	5.906	5.911	0.500	48	• 487364	S	5.750	7.125	7.132	0.562	48
• 486544N	N	3.750	4.751	4.756	0.375	48	• 487365	S	6.000	7.125	7.132	0.562	48
• 486556	S	4.250	5.250	5.256	0.500	48	• 487366	S	3.875	5.250	5.256	0.500	48
• 486567	S	3.375	4.370	4.375	0.250	48	• 487384N	N	2.750	4.375	4.380	0.625	48
• 486624	S	3.500	4.376	4.381	0.500	48	• 487397N	N	3.625	4.624	4.630	0.500	48
• 486664	S	2.750	3.500	3.505	0.375	48	• 487397 <sup>RC,CW</sup> V	V	3.625	4.624	4.630	0.500	48
• 486666	S	5.750	7.001	7.008	0.562	48	• 487501	V	0.750	1.624	1.628	0.250	48
• 486857	S	2.648	3.812	3.817	0.500	48	• 487502	S	1.125	1.828	1.832	0.250	48
• 486865	S	5.000	6.250	6.256	0.500	48	• 487503	S	1.438	2.750	2.754	0.313	48
• 486888	S	4.500	5.500	5.506	0.500	48	• 487504	V	1.063	1.499	1.503	0.250	48
• 486891	S	4.250	5.500	5.506	0.500	48	• 487505	V	0.750	1.124	1.128	0.188	48
• 486892	S	4.500	5.750	5.756	0.500	48	• 487506	S	8.250	9.500	9.515	0.570	48
• 486893	S	3.062	4.003	4.008	0.468	48	• 487507	S	1.625	2.374	2.378	0.250	48
• 486921	S	2.875	4.003	4.008	0.375	48	• 487508	V	1.000	1.375	1.379	0.250	48
• 486923V	V	3.750	4.750	4.756	0.375	48	• 487509	N	1.375	2.106	2.110	0.313	48
• 486985	S	3.875	4.750	4.756	0.375	48	• 487510	S	1.375	1.835	1.839	0.250	48
• 486985V	V	3.875	4.750	4.756	0.375	48	• 487511	S	1.375	1.750	1.754	0.250	48
• 487034V	V	3.125	4.003	4.008	0.500	48	• 487512	V	0.438	0.999	1.003	0.250	48
• 487056	S	3.250	6.374	6.380	0.468	48	• 487513	V	1.156	2.000	2.004	0.250	48
• 487063V	V	4.875	5.750	5.756	0.500	48	• 487514	S	1.250	2.327	2.331	0.500	48
• 487082	S	2.625	4.003	4.008	0.375	48	• 487515	N	1.250	2.000	2.004	0.438	48

**NUMERIC SECTION**

<sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®; • Non Stock Item - Special Order



**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>480000 SERIES (cont.)</b>							<b>710000 SERIES (cont.)</b>						
487516	S	1.188	1.687	1.691	0.250	48	710025	U	2.000	2.500	2.505	0.250	#
487517	S	1.250	1.938	1.942	0.250	48	710026	U	2.250	2.750	2.755	0.250	#
487518	S	5.250	6.001	6.007	0.375	48	710027	U	2.500	3.000	3.005	0.313	#
487519	S	1.563	2.062	2.066	0.250	48	710028	U	3.000	3.500	3.505	0.313	#
487520	V	2.625	3.500	3.505	0.375	48	710030	U	3.500	4.125	4.130	0.313	#
487521	N	1.063	1.512	1.519	0.256	48	710034	U	2.500	3.000	3.005	0.375	#
487522	S	2.313	3.061	3.066	0.313	48	710038	U	2.750	3.250	3.255	0.312	#
487523	S	2.313	2.997	3.001	0.375	48	710041	U	2.250	2.750	2.755	0.281	#
487524	S	1.063	1.514	1.519	0.256	48	710043 <sup>RC</sup>	S	1.301	2.620	2.625	0.315	#
487525	S	0.750	1.250	1.254	0.188	48	710044	S	1.500	1.875	1.880	0.188	34
487526	S	2.938	3.623	3.628	0.375	48	710045	S	2.250	2.835	2.840	0.500	VRS1
487527	V	3.000	3.500	3.505	0.375	48	710046 <sup>RC,CW</sup>	S	1.552	2.447	2.452	3.934	86
487528	S	0.669	1.064	1.068	0.250	48	710051 <sup>7</sup>	S	35,00	48,00	48,28	8,00	86
487529	V	0.875	1.250	1.254	0.250	48			1.378	1.890	1.901	0.315	
487530	V	0.375	0.749	0.753	0.250	48	710052	S	154,00	175,00	175,10	13,00	47
487531	S	1.000	2.250	2.254	0.250	48			6.063	6.890	6.894	0.512	
487532	S	1.000	1.938	1.942	0.250	48	710055	S	66,00	134,00	134,20	15,50	32
487533	S	1.750	3.625	3.630	0.438	48			2.598	5.276	5.283	0.610	
487534	S	0.625	0.999	1.003	0.250	48	710056 <sup>RC,CCW</sup>	V	91,00	111,00	111,20	10,00	47
487535	V	1.750	2.250	2.254	0.313	48			3.583	4.370	4.378	0.394	
487536	V	1.000	1.686	1.690	0.256	48	710057	S	36,00	65,00	65,20	8,00	48
487537	S	11.375	13.000	13.008	0.625	48			1.417	2.559	2.567	0.315	
487538	S	1.000	1.851	1.855	0.250	48	710058 <sup>RC</sup>	S	1.937	2.562	2.566	0.317	48
487539	V	1.625	2.623	2.627	0.313	48	710060 <sup>CCW</sup>	H	95,00	118,00	118,29	8,50	32
• 487658	S	2.634	3.937	3.942	0.375	48			3.740	4.646	4.657	0.335	
• 487678RRR	N	2.750	4.125	4.130	0.437	48	710062	S	1.750	2.374	2.378	0.484	#
• 487806	S	4.687	6.001	6.007	0.280	48	710065	S	30,00	65,00	65,23	34,00	#
• 487806BXR	S	4.688	6.001	6.007	0.280	48			1.181	2.559	2.568	1.339	
487945 <sup>RC</sup>	S	2.000	3.623	3.628	0.375	48	710067 <sup>RC,BI</sup>	S	1.703	3.030	3.039	0.500	69
• 488020V	V	2.875	3.740	3.746	0.551	48	710068	S	1.190	2.122	2.128	0.350	#
498301	S	3.125	4.125	4.130	0.250	49	710069	S	56,00	72,00	72,20	8,00	87
<b>490000 SERIES</b>													
493291 <sup>RC</sup>	S	2.283	3.155	3.159	0.375	49	710070	S	33,00	44,00	44,18	7,00	47
493524	S	2.000	2.846	2.850	0.375	49			1.299	1.732	1.739	0.276	
493637 <sup>RC</sup>	S	2.330	2.997	3.001	0.312	49	710071	S	50,00	93,00	93,28	24,00	74
494117 <sup>RC</sup>	S	42,00	56,00	56,28	7,00	49			1.969	3.661	3.672	0.945	
		1.654	2.205	2.216	0.276		710072 <sup>RC</sup>	S	57,00	79,00	79,28	9,00	75
494122 <sup>RC</sup>	S	45,00	62,00	62,10	6,00	49			2.244	3.110	3.121	0.354	
		1.772	2.441	2.445	0.236		710073	S	2.126	2.965	2.972	0.472	40
494123 <sup>RC</sup>	S	51,00	63,00	63,12	6,00	49	710075 <sup>CCW</sup>	V	2.832	3.625	3.635	0.375	32
		2.008	2.480	2.485	0.236		710076	S	35,00	41,00	41,15	5,50	35
<b>600000 SERIES</b>													
• 600309	V	3.250	4.249	4.254	0.750	#			1.378	1.614	1.620	0.217	
• 600349	V	3.625	4.751	4.757	0.875	#	710077	S	3.375	3.948	3.955	0.375	32
<b>710000 SERIES</b>													
710005 <sup>RC</sup>	S	1.750	3.062	3.066	0.485	86	710078	V	45,00	62,00	62,15	8,00	47
710006 <sup>RC,CW</sup>	N	2.375	4.500	4.504	1.060	74			1.772	2.441	2.447	0.315	
710008 <sup>RC</sup>	N	3.000	5.751	5.756	0.840	74	710079	S	81,00	125,00	125,20	11,00	#
710013	U	1.750	2.437	2.441	0.375	#			3.189	4.921	4.929	0.433	
710014	U	1.250	1.750	1.756	0.250	#	710080	S	80,00	113,00	113,18	12,00	90
710019	U	1.875	2.875	2.886	0.625	#			3.150	4.449	4.456	0.472	
710022 <sup>RC</sup>	H	4.000	4.999	5.004	0.468	45	710081	S	49,00	100,00	100,20	8,00	32
710023	U	1.500	2.000	2.005	0.250	#			1.929	3.937	3.945	0.315	
710024	U	1.750	2.250	2.255	0.250	#	710083	S	154,00	172,00	172,10	14,00	47
									6.063	6.772	6.776	0.551	
							710084	S	120,00	140,00	140,21	10,50	47
									4.724	5.512	5.520	0.413	
							710085	S	95,00	132,00	132,26	12,00	90
									3.740	5.197	5.207	0.472	

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710000 SERIES (cont.)</b>							<b>710100 SERIES (cont.)</b>						
710086	S	56,00	122,00	122,25	8,00	32	710123	N	39,00	57,00	57,20	11,00	40
		2.205	4.803	4.813	0.315				1.535	2.244	2.252	0.433	
710087	S	75,00	112,00	112,17	10,00	45	710124	N	33,00	59,00	59,20	11,00	40
		2.953	4.409	4.416	0.394				1.299	2.323	2.331	0.433	
710088	S	85,00	128,00	128,27	11,00	90	710125	S	56,00	74,00	74,20	8,00	47
		3.346	5.039	5.050	0.433				2.205	2.913	2.921	0.315	
710089	S	118,00	173,00	173,80	28,00	90	710127	S	55,00	68,00	68,20	8,00	74
		4.646	6.811	6.843	1.102				2.165	2.677	2.685	0.315	
710091 <sup>RC</sup>	S	2.700	3.499	3.504	0.310	272	710128	S	46,00	69,40	69,60	10,00	40
									1.811	2.732	2.740	0.394	
710092 <sup>RC</sup>	S	66,00	85,00	85,12	8,00	41	710130	S	64,00	77,00	77,20	8,00	56
		2.598	3.346	3.351	0.315				2.520	3.031	3.039	0.315	
710093	S	60,00	75,00	75,16	5,80	47	710132	N	33,00	56,00	56,23	8,00	40
		2.362	2.953	2.959	0.228				1.299	2.008	2.214	0.315	
710094	S	65,00	82,00	82,20	7,00	66	710133	N	42,00	90,00	90,09	9,00	32
		2.559	3.228	3.236	0.276				1.654	3.543	3.547	0.354	
710095	S	1.775	1.970	1.970	0.365	35	710134	S	40,00	56,00	56,20	10,00	40
710096 <sup>RC,BI</sup>	N	1.378	2.240	2.246	0.764	74			1.575	2.205	2.213	0.394	
							710136	S	58,00	75,00	75,31	7,00	35
710097 <sup>BI</sup>	S	42,00	56,00	56,21	6,00	74			2.283	2.953	2.965	0.276	
		1.654	2.205	2.213	0.236		710137	S	50,00	74,00	74,20	9,00	40
710098	S	50,00	64,00	64,20	6,50	71			1.969	2.913	2.921	0.354	
		1.969	2.520	2.528	0.256		710138 <sup>BI</sup>	S	35,00	63,00	63,20	9,00	40
									1.378	2.480	2.488	0.354	
<b>710100 SERIES</b>							710139	N	38,00	58,00	58,27	10,00	40
710101 <sup>BI</sup>	S	1.250	2.398	2.402	0.228	74			1.496	2.283	2.294	0.394	
710103	S	3.142	3.733	3.736	0.565	278	710141 <sup>CCW</sup>	N	41,00	61,00	61,20	8,00	40
710104	S	57,00	123,00	123,30	11,00	40			1.614	2.402	2.409	0.315	
		2.244	4.843	4.854	0.433		710142 <sup>BI</sup>	S	43,00	70,00	70,20	9,00	40
710105 <sup>RC,BI</sup>	S	1.705	3.080	3.084	0.461	74			1.693	2.756	2.764	0.354	
710106	S	3.133	3.547	3.551	0.366	278	710143	S	47,00	84,00	84,20	11,00	86
									1.850	3.307	3.315	0.433	
710107 <sup>B</sup>	S	52,00	77,00	78,00	9,00	34	710144 <sup>CCW</sup>	S	58,00	78,00	78,20	10,00	40
		2.047	3.031	3.071	0.354				2.283	3.071	3.079	0.394	
710108	S	56,00	76,00	76,12	12,30	66	710146	S	56,00	76,00	76,14	6,00	72
		2.205	2.992	2.997	0.484				2.205	2.992	2.988	0.236	
710109 <sup>BI</sup>	N	34,00	63,00	63,09	9,00	40	710147	S	40,00	60,00	60,20	8,00	40
		1.339	2.480	2.484	0.354				1.575	2.362	2.370	0.315	
710110 <sup>BI</sup>	N	34,00	54,00	54,25	9,00	40	710148	S	1.929	2.843	2.854	0.315	97
		1.339	2.126	2.136	0.354				47,00	57,70	57,80	12,70	51
710112 <sup>BI</sup>	N	50,00	80,00	80,30	16,50	40			1.850	2.272	2.276	0.500	
		1.969	3.150	3.161	0.650		710151	S	35,00	65,00	65,10	12,00	47
710113	S	40,00	75,00	75,30	12,00	40			1.378	2.559	2.563	0.472	
		1.575	2.953	2.965	0.472		710153	S	1.043	1.732	1.748	0.315	32
710114 <sup>CW</sup>	N	41,00	59,00	59,10	10,00	98	710154	S	19,00	38,00	38,20	7,00	32
		1.614	2.323	2.327	0.394				0.748	1.496	1.504	0.276	
710115 <sup>BI</sup>	S	44,00	80,00	80,12	9,00	40	710156	S	18,00	30,00	32,10	7,50	32
		1.732	3.150	3.154	0.354				0.709	1.181	1.264	0.295	
710116	N	14,00	25,00	25,20	7,00	32			28,00	43,00	43,23	7,00	32
		0.551	0.984	0.992	0.276		710157 <sup>CW</sup>	S	1.102	1.693	1.702	0.276	
710117	N	50,00	86,00	86,30	13,00	40			43,00	58,47	58,62	7,50	72
		1.969	3.386	3.398	0.512		710159	N	1.693	2.302	2.308	0.295	
710118	S	39,00	59,00	59,30	11,00	40			45,00	66,00	66,24	7,50	32
		1.535	2.323	2.335	0.433		710160	S	1.772	2.598	2.608	0.295	
710119	N	28,00	43,00	43,23	8,00	32			46,00	68,50	68,70	7,00	32
		1.102	1.693	1.702	0.315		710161	S	1.811	2.697	2.705	0.276	
710120	N	39,00	50,00	50,29	11,00	35	710162 <sup>RC</sup>	V	1.937	2.750	2.754	0.313	48
		1.535	1.969	1.980	0.433								
710121	N	59,00	100,00	100,28	10,00	56							
		2.323	3.937	3.948	0.394								
710122	N	39,00	57,00	57,20	15,00	40							
		1.535	2.244	2.252	0.591								

**NUMERIC SECTION**

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710100 SERIES (cont.)</b>							<b>710100 SERIES (cont.)</b>						
710163	R	1.937	2.650	2.655	0.360	#	710198	S	1.565	2.372	2.382	0.394	40
710164 <sup>RC</sup>	V	32,00	50,00	50,14	8,00	48	710199 <sup>BI</sup>	N	35,00	54,00	54,10	10,00	86
		1.260	1.969	1.974	0.315				1.378	2.126	2.130	0.394	
710166 <sup>RC</sup>	S	1.399	2.290	2.294	0.500	74	<b>710200 SERIES</b>						
710167 <sup>BI</sup>	S	48,00	64,00	64,20	13,00	75	710202	S	1.628	2.125	2.131	0.342	30
		1.890	2.520	2.528	0.512		710204	S	1.625	2.282	2.286	0.313	48
710168 <sup>RC</sup>	S	59,00	75,00	75,11	10,00	47	710207	S	42,00	72,00	72,28	12,00	40
		2.323	2.953	2.957	0.394				1.654	2.835	2.846	0.472	
710169 <sup>BI</sup>	S	56,00	67,00	67,20	5,50	35	710208	S	43,00	92,00	92,28	12,50	40
		2.205	2.638	2.646	0.217				1.693	3.622	3.633	0.492	
710170	S	61,00	88,00	88,00	7,00	47	710211 <sup>CW</sup>	N	1.875	2.677	2.681	0.375	74
		2.402	3.465	3.465	0.276								
710171	N	2.200	2.804	2.809	0.300	47	710213	S	62,00	78,00	78,10	7,00	281
710172	V	31,00	42,00	42,21	8,00	35			2.441	3.071	3.075	0.276	
		1.220	1.654	1.662	0.315		710214	N	39,00	59,00	59,28	12,00	40
710173 <sup>CW</sup>	N	50,00	70,00	70,20	10,00	40			1.535	2.323	2.334	0.472	
		1.969	2.756	2.764	0.394		710215	S	47,00	66,00	66,10	11,00	66
710175	S	2.087	2.685	2.696	0.276	32			1.850	2.598	2.602	0.433	
710176	S	56,00	74,00	74,14	8,50	87	710217	S	35,00	54,00	54,10	9,00	74
		2.205	2.913	2.919	0.335				1.378	2.126	2.130	0.354	
710177	N	77,00	91,00	91,20	6,00	87	710218	V	35,00	56,00	56,10	16,00	32
		3.031	3.583	3.591	0.236				1.378	2.205	2.209	0.630	
710178	S	35,00	49,00	49,30	8,00	32	710220 <sup>CW</sup>	N	41,00	62,00	62,23	9,00	32
		1.378	1.929	1.941	0.315				1.614	2.441	2.450	0.354	
710179 <sup>CW</sup>	S	42,00	64,80	65,00	13,50	32	710221	N	42,00	56,00	56,10	5,00	47
		1.654	2.551	2.555	0.531				1.654	2.205	2.209	0.197	
710180 <sup>CW</sup>	V	3.250	3.879	3.881	0.375	48	710222	S	18,00	26,00	26,10	4,00	98
710182	S	60,00	86,00	86,10	7,00	66			0.709	1.024	1.028	0.157	
		2.362	3.386	3.390	0.276		710223	S	43,00	56,00	56,10	8,50	62
710183	S	58,00	76,00	76,10	6,50	66			1.693	2.205	2.209	0.335	
		2.283	2.992	2.996	0.256		710225	S	57,00	80,00	80,10	8,00	48
710184	N	47,00	56,00	56,20	7,00	47			2.244	3.150	3.154	0.315	
		1.850	2.205	2.213	0.276		710226 <sup>BI</sup>	S	50,00	67,00	67,26	8,00	32
710185	S	52,00	94,00	94,30	10,00	35			1.969	2.638	2.648	0.315	
		2.047	3.701	3.713	0.394		710227	S	40,00	62,00	62,30	6,50	32
710187 <sup>CW</sup>	N	52,00	70,00	70,27	8,50	32			1.575	2.441	2.453	0.256	
		2.047	2.756	2.766	0.335		710228	S	37,00	62,00	62,23	10,00	40
710188 <sup>CCW</sup>	V	88,00	106,00	106,28	8,50	32			1.457	2.441	2.450	0.394	
		3.465	4.173	4.184	0.335		710230	S	58,00	76,00	76,23	7,80	32
710189 <sup>CCW</sup>	V	89,00	105,00	105,30	10,00	47			2.283	2.992	3.001	0.307	
		3.504	4.134	4.146	0.394		710231	S	2.323	3.083	3.093	0.315	32
710190 <sup>CW</sup>	H	52,00	68,00	68,43	8,00	32	710232 <sup>CCW</sup>	V	86,00	104,00	104,23	11,00	32
		2.047	2.677	2.694	0.315				3.386	4.094	4.104	0.433	
710191	S	47,00	64,00	64,08	7,00	25	710233 <sup>CW</sup>	N	1.516	2.087	2.096	0.315	32
		1.850	2.520	2.523	0.276		710234 <sup>CCW</sup>	N	68,00	84,00	84,23	8,50	32
710192	S	50,00	60,00	60,25	6,00	32			2.677	3.307	3.316	0.335	
		1.969	2.362	2.372	0.236		710235 <sup>CCW</sup>	H	86,00	103,00	103,23	10,00	32
710193	S	45,00	59,00	59,28	7,50	32			3.386	4.055	4.064	0.394	
		1.772	2.323	2.334	0.295		710236 <sup>CW</sup>	N	33,00	49,00	49,23	8,00	32
710194	S	50,00	68,00	68,27	7,00	32			1.299	1.929	1.938	0.315	
		1.969	2.677	2.688	0.276		710237 <sup>CCW</sup>	V	90,00	104,00	104,10	11,00	32
710195	S	42,00	76,00	76,28	12,00	40			3.543	4.094	4.098	0.433	
		1.654	2.992	3.003	0.472		710239	N	54,00	69,00	69,23	7,50	40
710196	V	40,00	62,00	62,27	10,00	32			2.126	2.717	2.726	0.295	
		1.575	2.441	2.452	0.394		710240 <sup>B</sup>	S	75,00	87,00	87,20	7,00	35
710197 <sup>BI</sup>	N	35,00	54,00	54,28	8,00	40			2.953	3.425	3.433	0.276	
		1.378	2.126	2.137	0.315		710241	S	1.628	2.278	2.282	0.343	68
							710245 <sup>CW</sup>	N	42,00	76,00	76,10	14,00	40
									1.654	2.992	2.996	0.551	

NUMERIC SECTION

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710200 SERIES (cont.)</b>							<b>710200 SERIES (cont.)</b>						
710246	N	42,00	90,00	90,28	12,00	40	710290 <sup>CCW</sup>	V	100,00	124,00	124,20	13,00	32
		1.654	3.543	3.554	0.472				3.937	4.882	4.890	0.512	
710247 <sup>CW</sup>	N	38,00	49,00	49,20	8,00	62	710292 <sup>BI</sup>	S	52,00	68,00	68,10	8,00	40
		1.496	1.929	1.937	0.315				2.047	2.677	2.681	0.315	
710248 <sup>CW</sup>	N	45,00	78,00	78,10	11,00	66	710293	S	3.197	3.516	3.520	0.063	32
		1.772	3.071	3.075	0.433		710295	S	107,00	123,00	123,10	11,00	47
710250	N	40,00	70,00	70,20	14,50	91			4.213	4.843	4.846	0.433	
		1.575	2.756	2.764	0.571		710296	S	1.890	4.272	4.280	0.472	32
710251	N	17,00	34,00	34,10	7,90	47							
		0.669	1.339	1.343	0.311		710297	S	18,00	23,00	23,20	4,00	34
									0.709	0.906	0.913	0.157	
710252	S	36,00	44,00	44,23	5,00	32	710298 <sup>CW</sup>	N	42,00	63,00	63,20	9,00	40
		1.417	1.732	1.741	0.197				1.654	2.480	2.488	0.354	
710253 <sup>B</sup>	S	52,00	62,00	63,00	5,50	34	710299	N	0.689	1.083	1.091	0.276	32
		2.047	2.441	2.480	0.217		<b>710300 SERIES</b>						
710254	S	23,00	32,00	32,20	5,50	34	710300	S	40,00	55,50	55,70	9,00	47
		0.905	1.260	1.268	0.217				1.575	2.185	2.193	0.354	
710255	S	49,00	70,00	70,20	8,60	32	710301	S	42,00	62,00	62,20	7,00	97
		1.929	2.756	2.764	0.339				1.654	2.441	2.449	0.276	
710258 <sup>CCW</sup>	V	115,00	135,00	135,20	10,00	32	710303	S	1.004	1.516	1.524	0.335	35
		4.528	5.315	5.323	0.394		710304	S	1.479	2.563	2.567	0.470	49
710259 <sup>BI</sup>	V	37,00	56,00	56,20	12,50	32	710305	S	49,00	70,00	70,10	12,50	40
		1.457	2.205	2.213	0.492				1.929	2.756	2.760	0.492	
710261 <sup>CCW</sup>	V	0.626	2.205	2.213	0.256	32	710306 <sup>CCW</sup>	S	32,00	52,00	52,20	11,00	32
710262 <sup>CCW</sup>	V	96,00	116,00	116,26	9,00	32			1.260	2.047	2.055	0.433	
		3.780	4.567	4.577	0.354		710308 <sup>CW</sup>	N	40,00	52,00	52,20	6,00	32
710263 <sup>RC,CW</sup>	N	2.000	2.625	2.630	0.312	47			1.575	2.047	2.055	0.236	
710264 <sup>CW</sup>	H	43,00	55,00	55,20	8,00	32	710309	S	38,00	52,00	52,20	6,00	40
		1.693	2.165	2.173	0.236				1.496	2.047	2.055	0.236	
710265	N	51,00	66,00	66,20	6,50	35	710310 <sup>CW</sup>	N	32,00	47,00	47,20	6,00	32
		2.008	2.598	2.606	0.256				1.260	1.850	1.858	0.236	
710266	S	93,00	154,00	154,10	8,00	98	710311	S	40,00	54,00	54,10	7,00	25
		3.661	6.063	6.067	0.315				1.575	2.126	2.130	0.276	
710268 <sup>CCW</sup>	N	58,00	103,00	103,20	11,00	40	710312	S	52,00	68,00	68,20	13,00	32
		2.283	4.055	4.063	0.433				2.047	2.677	2.685	0.512	
710271 <sup>CCW</sup>	S	58,00	74,00	74,20	10,00	32	710313 <sup>CW</sup>	S	48,00	70,00	70,20	12,00	32
		2.283	2.913	2.921	0.394				1.890	2.756	2.764	0.472	
710272	N	0.736	1.378	1.386	0.276	32	710314 <sup>CCW</sup>	N	35,00	56,00	56,20	8,00	40
									1.378	2.205	2.213	0.315	
710274	V	0.610	1.102	1.106	0.600	62	710315 <sup>CW</sup>	S	35,00	56,00	56,20	8,00	40
710275 <sup>CW</sup>	N	68,00	124,00	124,10	11,50	40			1.378	2.205	2.213	0.315	
		2.677	4.882	4.886	0.453		710316 <sup>CW</sup>	S	25,00	40,00	40,20	8,00	32
710277	N	2.520	5.217	5.224	0.512	32			0.984	1.575	1.583	0.315	
710278	N	100,00	145,00	145,10	15,00	59	710317 <sup>CCW</sup>	S	32,00	48,00	48,20	10,00	32
		3.937	5.709	5.713	0.591				1.260	1.890	1.898	0.394	
710279 <sup>CCW</sup>	V	55,00	70,00	70,20	8,00	32	710318 <sup>CW</sup>	N	1.516	2.283	2.291	0.433	32
		2.165	2.756	2.764	0.315		710319	S	38,00	58,00	58,10	11,00	47
									1.496	2.283	2.287	0.433	
710281 <sup>RC</sup>	S	1.940	2.900	2.905	0.400	74	710320	S	48,00	62,00	62,10	9,00	48
710282	S	1.280	1.654	1.661	0.276	32			1.890	2.441	2.445	0.354	
710283	N	44,00	65,00	65,10	9,00	62	710323	S	51,00	63,00	63,20	8,50	49
		1.732	2.559	2.563	0.354				2.008	2.480	2.488	0.335	
710285	S	1.125	1.630	1.634	0.313	32	710324 <sup>CCW</sup>	S	35,00	50,00	50,20	11,00	32
710286 <sup>BI</sup>	N	42,00	67,00	67,20	10,00	32			1.378	1.969	1.976	0.433	
		1.654	2.638	2.646	0.394		710325 <sup>CW</sup>	S	28,00	40,00	40,20	8,00	32
									1.102	1.575	1.583	0.315	
710287 <sup>BI</sup>	N	40,00	54,00	54,20	10,00	32	710329 <sup>CCW</sup>	H	35,00	50,00	50,20	8,00	32
		1.575	2.126	2.134	0.394				1.378	1.969	1.976	0.315	
710288 <sup>CCW</sup>	V	93,00	114,00	114,33	13,00	32							
		3.661	4.488	4.501	0.512								
710289 <sup>CW</sup>	V	45,00	67,00	67,20	8,00	32							
		1.772	2.638	2.646	0.315								

NUMERIC SECTION

<sup>B</sup>External Bore; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710300 SERIES (cont.)</b>							<b>710400 SERIES (cont.)</b>						
710330	N	85,00	112,00	112,20	5,00	44	710401	S	30,00	37,00	37,30	3,50	35
		3.346	4.409	4.417	0.197				1.181	1.457	1.461	0.138	
710331 <sup>CCW</sup>	V	35,00	54,00	54,20	8,00	32	710403	S	1.625	2.440	2.444	0.472	#
		1.378	2.126	2.134	0.315		710404	S	39,00	54,00	54,10	6,00	49
710332 <sup>CCW</sup>	H	31,00	46,00	46,20	8,00	32			1.535	2.126	2.130	0.236	
		1.220	1.811	1.819	0.315		710405	S	124,00	146,00	146,10	14,00	47
710334 <sup>CCW</sup>	N	68,00	86,00	86,20	8,00	32			4.882	5.748	5.752	0.551	
		2.677	3.386	3.394	0.315		710406	S	140,00	170,00	170,10	14,00	47
710336 <sup>CCW</sup>	N	35,00	68,00	68,20	9,00	40			5.512	6.693	6.697	0.551	
		1.378	2.677	2.685	0.354		710407	S	51,00	62,00	62,10	7,00	33
710337	S	1.850	2.843	2.850	0.236	40			2.008	2.441	2.445	0.276	
710338	S	39,00	52,00	52,10	6,00	66	710409 <sup>B</sup>	S	1.813	2.408	2.413	0.300	91
		1.535	2.047	2.051	0.236		710412	S	18,00	34,00	34,20	8,00	32
710343	S	36,00	46,00	46,10	9,00	33			0.709	1.339	1.346	0.315	
		1.417	1.811	1.815	0.354		710413	N	2.185	3.142	3.148	0.413	40
710345 <sup>CW</sup>	N	45,00	68,00	68,20	12,00	32	710414	T	1.500	2.500	2.512	0.354	35
		1.772	2.677	2.685	0.472		710415 <sup>CW</sup>	S	32,00	50,00	50,23	8,00	32
710352 <sup>CCW</sup>	V	95,00	113,00	113,10	10,00	47			1.260	1.969	1.978	0.315	
		3.740	4.449	4.453	0.394		710416	S	34,00	48,00	48,28	7,50	35
710354 <sup>CW</sup>	N	50,00	65,00	65,20	8,00	32			1.339	1.890	1.901	0.295	
		1.969	2.559	2.567	0.315		710418	N	34,00	53,00	53,28	8,00	32
710355 <sup>CW</sup>	N	37,00	50,50	50,70	7,00	32			1.339	2.087	2.098	0.315	
		1.457	1.988	1.996	0.276		710419	S	35,00	63,00	63,28	10,00	68
710356 <sup>CW</sup>	V	48,00	60,00	60,20	6,50	32			1.378	2.480	2.491	0.394	
		1.890	2.362	2.370	0.276		710421	S	138,00	152,00	152,30	12,00	47
710357	S	50,00	67,00	67,20	9,00	47			5.433	5.984	5.996	0.472	
		1.969	2.638	2.646	0.354		710423 <sup>BI</sup>	S	45,00	53,00	53,20	6,50	#
710361	S	0.669	0.819	0.823	0.122	44			1.772	2.087	2.094	0.256	
710363 <sup>15,CCW</sup>	V	84,00	118,00	118,10	7,00	32	710424	S	35,00	60,00	60,23	10,00	35
		3.307	4.646	4.650	0.276				1.378	2.362	2.371	0.394	
710365 <sup>B</sup>	S	2.000	2.720	2.725	0.210	46	710425	S	5.428	6.500	6.505	0.420	230
710369	S	145,00	164,00	164,10	14,00	47	710426 <sup>9,BI</sup>	S	1.500	2.377	2.385	0.433	40
		5.709	6.457	6.461	0.551		710428 <sup>BI</sup>	V	1.732	2.614	2.621	0.394	87
710371	S	101,00	114,00	114,10	10,00	25							
		3.976	4.488	4.492	0.394		710429	V	1.380	2.288	2.291	0.750	87
710373	S	65,00	85,00	85,10	10,00	47	710430	S	2.394	2.697	2.705	0.433	#
		2.559	3.346	3.350	0.394		710431 <sup>BI</sup>	S	1.684	2.499	2.504	0.433	79
710383	S	35,00	44,00	44,10	7,00	47	710434	N	80,00	101,00	101,30	9,00	74
		1.378	1.732	1.736	0.276				3.150	3.976	3.988	0.354	
710384	S	75,00	100,00	100,10	13,00	25	710436 <sup>CW</sup>	N	1.594	2.067	2.075	0.236	35
		2.953	3.937	3.941	0.512								
710385	S	1.772	2.000	2.175	0.200	273	710437	S	50,00	75,00	75,10	9,00	47
710387	S	1.688	2.561	2.565	0.374	47			1.969	2.953	2.957	0.354	
710388 <sup>CW</sup>	S	1.875	2.717	2.725	0.394	32	710439	S	58,00	73,00	73,10	8,50	74
									2.283	2.874	2.878	0.335	
710389	S	1.750	2.500	2.504	0.484	7S	710441	N	1.484	2.375	2.388	0.433	79
710392	S	62,00	74,00	74,10	8,50	90	710442 <sup>CW</sup>	N	42,00	59,00	59,10	7,50	48
		2.441	2.913	2.917	0.335				1.654	2.323	2.327	0.295	
710393	S	56,00	72,00	72,20	8,00	32	710444 <sup>CCW</sup>	S	40,00	54,00	54,20	6,00	32
		2.205	2.835	2.843	0.315				1.575	2.126	2.134	0.236	
710394	S	46,00	62,00	62,20	20,50	47	710445	S	19,00	35,00	35,20	8,00	35
		1.811	2.441	2.449	0.807				0.748	1.378	1.386	0.315	
710396 <sup>BI</sup>	S	35,00	56,00	56,20	9,00	40	710446 <sup>CW</sup>	S	68,00	88,00	88,20	8,00	35
		1.378	2.205	2.213	0.354				2.677	3.465	3.472	0.315	
710397	N	1.831	3.543	3.551	0.433	#	710447 <sup>RC,CW</sup>	N	2.000	2.745	2.750	0.369	47
710398	S	50,00	72,00	72,20	10,00	40	710449 <sup>15</sup>	T	90,00	140,00	140,20	10,00	40
		1.969	2.835	2.843	0.394				3.543	5.512	5.520	0.394	
710399 <sup>CW</sup>	V	26,00	42,00	42,20	8,00	32	710450 <sup>CW</sup>	N	20,00	32,00	32,21	5,00	32
		1.024	1.654	1.662	0.315				0.787	1.260	1.268	0.197	

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# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710400 SERIES (cont.)</b>							<b>710400 SERIES (cont.)</b>						
710451 <sup>CW</sup>	N	1.535	2.094	2.098	0.315	32	710493	N	2.874	4.448	4.470	0.827	#
710452 <sup>RC</sup>	V	1.875	3.160	3.165	0.530	72	710494	N	2.874	4.448	4.470	1.163	#
710453	N	1.890	2.810	2.815	0.433	40	710495	V	46,00	73,00	73,25	14,53	85
710454 <sup>RC,BI</sup>	V	3.500	4.682	4.688	0.451	86			1.811	2.874	2.884	0.572	
710455	S	32,00	47,00	47,20	8,60	298	710496 <sup>BI</sup>	V	1.886	2.697	2.701	0.469	72
		1.260	1.850	1.858	0.339		710497 <sup>BI</sup>	N	41,00	61,00	61,14	16,00	32
710456	S	70,00	90,00	94,20	10,50	48			1.614	2.402	2.407	0.630	
		2.756	3.543	3.709	0.409		710498 <sup>BI</sup>	N	1.705	2.572	2.576	0.480	74
710457 <sup>CCW</sup>	V	3.000	4.003	4.008	0.312	86	<b>710500 SERIES</b>						
710458	N	127,00	146,00	146,30	10,00	47	710501	S	1.850	2.440	2.445	0.405	48
		5.000	5.748	5.760	0.394		710502	S	1.688	2.547	2.551	0.595	74
710459	S	49,00	65,00	65,15	36,50	91	710504	S	1.142	1.466	1.474	0.197	35
		1.929	2.560	2.565	1.437		710505	S	40,00	58,00	58,24	6,00	32
710460 <sup>CCW</sup>	H	29,00	43,00	43,74	8,00	32			1.575	2.283	2.293	0.236	
		1.142	1.693	1.722	0.315		710506 <sup>CW</sup>	S	2.125	2.756	2.764	0.469	86
710461	V	1.552	3.160	3.165	0.630	72	710507	S	2.088	2.911	2.915	0.500	74
710462	V	75,00	95,00	95,20	10,50	32	710508 <sup>CW</sup>	V	2.324	3.541	3.546	0.591	86
		2.953	3.740	3.748	0.413		710511 <sup>CW</sup>	N	27,00	43,00	43,20	7,00	32
710463	S	2.205	2.846	2.854	0.315	32			1.063	1.693	1.701	0.276	
710464	S	2.205	2.846	2.854	0.315	40	710512 <sup>CCW</sup>	N	40,00	58,00	58,20	8,50	40
710465 <sup>CCW</sup>	V	76,00	94,00	94,31	8,50	32			1.575	2.283	2.291	0.335	
		2.992	3.701	3.713	0.335		710516	S	30,00	61,20	61,40	9,00	40
710466 <sup>RC,BI</sup>	V	3.937	5.126	5.133	0.562	47			1.181	2.409	2.417	0.354	
710467	N	55,00	75,00	75,20	8,00	47	710517 <sup>CCW</sup>	S	42,00	58,00	58,20	12,00	32
		2.165	2.953	2.961	0.315				1.654	2.283	2.291	0.472	
710468	N	60,00	73,00	73,20	11,00	32	710518	N	100,00	114,00	114,30	12,00	47
		2.362	2.874	2.881	0.433				3.937	4.488	4.500	0.472	
710469	N	32,00	52,00	52,12	6,40	32	710519	S	2.638	3.945	3.965	0.543	40
		1.260	2.047	2.052	0.252		710520 <sup>BI</sup>	V	98,00	116,00	116,28	10,00	32
710471 <sup>CCW</sup>	N	100,00	120,00	120,32	9,50	32			3.858	4.567	4.578	0.394	
		3.937	4.724	4.737	0.374		710521	V	45,00	63,00	63,20	7,50	32
710472 <sup>CCW</sup>	N	46,00	72,00	72,14	8,50	32			1.772	2.480	2.488	0.295	
		1.811	2.835	2.840	0.335		710522	S	53,00	71,00	71,10	9,00	35
710473	T	5.039	5.920	5.925	0.850	32			2.087	2.795	2.799	0.354	
710474	N	1.732	2.653	2.657	0.375	85	710523	S	40,00	72,00	72,20	11,00	40
710476 <sup>BI</sup>	N	1.720	2.921	2.922	0.468	72			1.575	2.835	2.843	0.433	
710477	S	3.189	3.801	3.809	0.630	281	710524	V	38,00	55,00	55,28	8,00	48
									1.496	2.165	2.176	0.315	
710478	N	54,00	65,00	65,28	7,00	48	710525 <sup>CW</sup>	S	44,00	74,00	74,20	11,00	40
		2.126	2.559	2.570	0.276				1.732	2.913	2.921	0.433	
710479	S	36,00	55,00	55,32	11,00	65	710526 <sup>CCW</sup>	V	99,00	119,00	119,10	9,50	32
		1.417	2.165	2.178	0.433				3.898	4.685	4.689	0.374	
710480 <sup>BI</sup>	V	1.732	2.614	2.621	0.445	85	710527	S	52,00	69,00	69,20	15,00	32
710481 <sup>BI</sup>	V	1.893	2.811	2.816	0.458	85			2.047	2.717	2.724	0.591	
710482 <sup>BI</sup>	V	1.552	2.795	2.795	0.546	86	710528	S	2.402	3.071	3.079	0.531	35
							710529	S	1.969	2.571	2.583	0.315	32
710484 <sup>CW</sup>	V	45,00	58,00	58,29	7,00	32	710530	N	1.575	2.618	2.626	0.748	#
		1.772	2.283	2.295	0.276		710531	V	1.480	1.929	1.941	0.295	32
710485	N	1.996	2.745	2.753	0.315	75	710532	N	1.521	2.656	2.660	0.425	75
710486 <sup>CCW</sup>	V	39,00	72,00	72,24	8,00	32	710533 <sup>RC</sup>	V	2.063	3.000	3.007	0.394	75
		1.535	2.835	2.844	0.315		710535 <sup>CW</sup>	N	1.614	2.435	2.440	0.299	32
710487 <sup>CCW</sup>	V	44,00	72,00	72,20	8,00	32	710536 <sup>BI</sup>	V	1.943	2.913	2.921	0.453	86
		1.732	2.835	2.843	0.315		710537 <sup>BI</sup>	N	2.087	3.176	3.181	0.433	72
710488	S	130,00	150,00	150,10	14,00	47	710538 <sup>CCW</sup>	V	43,00	75,00	75,35	10,00	32
		5.118	5.906	5.909	0.551				1.693	2.953	2.967	0.394	
710489 <sup>BI</sup>	V	1.375	2.217	2.235	0.364	74	710539 <sup>CW</sup>	V	40,00	60,00	60,12	5,50	32
710491 <sup>BI</sup>	N	40,00	69,00	69,20	13,50	#			1.575	2.362	2.367	0.217	
		1.575	2.717	2.724	0.531								
710492	N	1.560	2.622	2.630	0.551	#							

NUMERIC SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710500 SERIES (cont.)</b>							<b>710500 SERIES (cont.)</b>						
710540 <sup>BI</sup>	N	40,00	56,00	56,12	10,00	57	710583 <sup>BI</sup>	N	35,00	71,00	71,33	10,50	40
		1.575	2.206	2.209	0.394				1.378	2.795	2.808	0.413	
710542 <sup>BI</sup>	V	1.700	2.660	2.666	0.430	85	710584	S	2.425	3.425	3.435	0.276	74
710543	V	12,00	19,00	19,23	7,50	97	710585	T	89,00	108,00	108,20	12,70	32
		0.472	0.748	0.757	0.295				3.504	4.252	4.260	0.500	
710544	S	12,00	19,00	19,23	7,50	97	710586 <sup>BI</sup>	V	2.870	3.876	3.881	0.354	56
		0.472	0.748	0.757	0.295		710587	S	88,00	105,00	107,95	10,00	32
710545	N	11,00	19,00	19,15	5,00	31			3.465	4.134	4.250	0.394	
		0.433	0.748	0.754	0.197		710588 <sup>11</sup>	N	53,00	73,00	73,20	10,00	32
710546 <sup>BI</sup>	N	35,00	71,00	71,30	13,00	74			2.087	2.874	2.882	0.394	
		1.378	2.795	2.807	0.512		710589 <sup>BI</sup>	S	53,00	71,00	71,14	11,50	47
710547	S	1.521	2.661	2.669	0.445	75			2.087	2.795	2.801	0.453	
710548	S	40,00	69,00	69,20	15,40	32	710590 <sup>BI</sup>	V	43,00	63,00	63,20	8,60	32
		1.575	2.717	2.724	0.606				1.693	2.480	2.488	0.339	
710549 <sup>CCW</sup>	V	1.682	2.660	2.668	0.383	74	710591 <sup>CCW</sup>	V	40,00	75,00	75,15	12,00	87
710550 <sup>CW</sup>	V	42,00	53,00	53,12	7,00	32			1.575	2.953	2.959	0.472	
		1.654	2.087	2.091	0.276		710592 <sup>CCW</sup>	V	36,00	67,00	67,20	12,00	87
									1.417	2.638	2.646	0.472	
710551 <sup>CW</sup>	T	49,00	59,00	59,20	10,50	#	710593	V	1.803	3.067	3.071	0.551	74
		1.929	2.323	2.331	0.413		710594 <sup>BI</sup>	N	38,00	65,00	65,21	10,00	40
710552 <sup>CCW</sup>	T	110,00	130,00	130,15	13,00	34			1.496	2.559	2.567	0.394	
		4.331	5.118	5.124	0.512		710595 <sup>BI</sup>	V	1.850	3.154	3.161	0.394	40
710553 <sup>CW</sup>	V	1.004	1.476	1.484	0.217	32	710596 <sup>BI</sup>	S	47,00	69,00	69,24	10,00	40
710554 <sup>CW</sup>	N	71,00	85,00	85,20	10,00	32			1.850	2.717	2.726	0.394	
		2.815	2.795	3.354	0.394		710597	N	0.750	1.000	1.008	0.225	#
710555 <sup>CW</sup>	T	2.047	2.622	2.630	0.354	34							
710556	N	130,00	150,00	150,30	10,00	47	710598 <sup>BI</sup>	V	40,00	56,00	56,20	8,00	40
		5.118	5.906	5.917	0.394				1.575	2.205	2.213	0.315	
710557 <sup>CW</sup>	S	1.875	2.622	2.633	0.415	74	<b>710600 SERIES</b>						
710558 <sup>BI</sup>	T	2.125	2.914	2.920	0.469	74	710600 <sup>15,CCW</sup>	T	95,00	118,00	118,60	8,50	32
710561 <sup>CW</sup>	V	2.059	2.846	2.852	0.398	74			3.740	4.646	4.669	0.335	
710562	S	6.775	7.875	7.880	0.360	230	710601 <sup>CCW</sup>	T	76,00	111,00	111,20	13,00	47
									2.992	4.370	4.378	0.512	
710563 <sup>BI</sup>	N	2.854	4.252	4.262	0.740	47	710602 <sup>CCW</sup>	T	3.228	3.790	3.798	0.354	32
710564 <sup>BI</sup>	V	2.854	3.878	3.888	0.433	74	710603 <sup>CCW</sup>	T	104,00	128,00	128,20	11,00	32
710565	N	1.927	2.910	2.920	1.210	49			4.094	5.039	5.047	0.433	
710566	S	1.470	2.913	2.920	0.383	79	710604 <sup>CW</sup>	V	2.058	2.622	2.628	0.311	32
710567	N	1.890	2.875	2.883	0.417	41							
710568 <sup>BI</sup>	N	2.847	3.937	3.942	0.614	#	710605 <sup>CW</sup>	T	1.512	2.322	2.337	0.339	32
710569	S	87,00	107,00	107,20	11,00	62	710606 <sup>CW</sup>	T	1.763	2.411	2.415	0.354	32
		3.425	4.213	4.220	0.433		710607 <sup>CW</sup>	T	2.333	3.000	3.008	0.327	35
710570	N	69,00	86,00	86,20	7,00	62	710608 <sup>CW</sup>	N	43,00	58,00	58,22	7,00	35
		2.717	3.386	3.394	0.276				1.693	2.283	2.292	0.276	
710571	N	90,00	108,00	108,20	10,00	280	710610 <sup>CCW</sup>	T	65,00	88,00	88,20	10,00	32
		3.543	4.252	4.260	0.394				2.559	3.465	3.472	0.394	
710572	N	61,00	78,00	78,20	7,00	47							
		2.402	3.071	3.079	0.276		710611 <sup>CW</sup>	V	1.437	1.988	1.992	0.276	32
710573	S	2.856	3.525	3.537	0.252	62	710613 <sup>CW</sup>	N	38,00	50,00	50,22	8,00	32
710574 <sup>BI</sup>	S	54,00	64,00	64,25	9,00	40			1.496	1.969	1.977	0.315	
		2.126	2.520	2.530	0.354		710614 <sup>CCW</sup>	V	80,00	98,00	98,20	8,00	32
710575	N	58,00	70,00	70,10	7,00	48			3.150	3.858	3.866	0.315	
		2.283	2.756	2.760	0.276		710615 <sup>CW</sup>	V	43,00	60,00	60,30	7,00	32
710576 <sup>BI</sup>	N	62,00	78,00	78,20	9,00	47			1.693	2.362	2.374	0.276	
		2.441	3.071	3.079	0.354		710616 <sup>BI</sup>	N	35,00	54,00	54,20	9,50	40
710577	V	2.500	4.035	4.043	0.453	87			1.378	2.126	2.134	0.374	
							710617 <sup>15,CCW</sup>	T	85,00	131,00	131,40	16,00	32
710578 <sup>BI</sup>	N	2.205	2.876	2.874	0.413	48			3.346	5.157	5.173	0.630	
710580 <sup>CW</sup>	V	1.890	2.624	2.628	0.315	32	710618 <sup>CW</sup>	T	35,00	48,00	48,13	10,00	32
710582 <sup>BI</sup>	V	39,00	63,00	63,20	8,60	32			1.378	1.890	1.895	0.394	
		1.535	2.480	2.488	0.339								

NUMERIC SECTION



# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710600 SERIES (cont.)</b>							<b>710600 SERIES (cont.)</b>						
710619 <sup>BI</sup>	E	38,00	58,00	58,20	10,00	32	710658 <sup>BI</sup>	N	1.886	2.750	2.756	0.335	32
		1.496	2.283	2.291	0.394		710659 <sup>BI</sup>	V	1.625	2.440	2.446	0.417	66
710620 <sup>CW</sup>	V	42,00	55,00	55,20	6,00	32	710660	V	1.886	2.697	2.705	0.453	79
		1.654	2.165	2.173	0.236		710661 <sup>BI</sup>	N	1.886	2.750	2.756	0.512	40
710621 <sup>CCW</sup>	V	84,00	117,00	117,20	8,50	32	710662 <sup>BI</sup>	V	37,00	78,40	78,60	11,00	85
		3.307	4.606	4.614	0.335				1.457	3.087	3.095	0.433	
710623 <sup>CW</sup>	V	2.294	3.228	3.236	0.352	32	710663 <sup>BI</sup>	V	1.181	2.578	2.587	0.437	85
710624 <sup>BI</sup>	V	1.358	2.283	2.287	0.394	74	710664	N	1.886	2.750	2.756	0.472	#
710625	N	2.421	2.998	3.006	0.276	90	710665 <sup>CW</sup>	N	45,00	70,00	70,13	14,00	40
710626	N	83,00	100,00	100,20	8,00	#			1.772	2.756	2.761	0.551	
		3.268	3.937	3.945	0.315		710666 <sup>CCW</sup>	N	35,00	56,00	56,20	12,00	40
710627	V	1.937	2.683	2.700	0.394	32			1.378	2.205	2.213	0.472	
710628 <sup>RC,CCW</sup>	N	1.500	2.247	2.253	0.239	75	710667 <sup>CCW</sup>	V	58,00	78,00	78,50	10,00	40
710629 <sup>CCW</sup>	N	35,00	76,00	76,20	8,00	40			2.283	3.071	3.091	0.394	
		1.378	2.992	3.000	0.315		710668 <sup>BI</sup>	V	1.376	2.559	2.567	0.398	40
710630 <sup>CW</sup>	N	35,00	58,00	58,20	8,00	40	710669 <sup>CCW</sup>	V	98,00	110,00	110,30	8,50	35
		1.378	2.283	2.291	0.315				3.858	4.331	4.343	0.335	
710631 <sup>CW</sup>	N	49,00	64,00	64,26	8,00	32	710670 <sup>CCW</sup>	N	40,00	75,00	75,20	11,00	40
		1.929	2.520	2.531	0.315				1.575	2.953	2.961	0.433	
710632	N	39,00	59,00	59,32	8,00	40	710671	V	28,00	35,50	35,70	5,20	36
		1.535	2.323	2.335	0.315				1.102	1.398	1.406	0.205	
710633	N	33,00	59,00	59,20	9,30	40	710672 <sup>CCW</sup>	V	2.556	3.143	3.146	0.315	32
		1.299	2.323	2.331	0.366				1.532	3.143	3.146	0.315	32
710634	N	52,00	78,00	78,20	9,00	35	710673 <sup>CCW</sup>	V	50,00	70,00	70,20	11,00	32
		2.047	3.071	3.079	0.354		710674 <sup>CW</sup>	V	1.969	2.756	2.764	0.433	
710635	S	62,00	81,00	81,13	7,50	#			2.197	3.022	3.030	0.394	79
		2.441	3.189	3.194	0.295		710675 <sup>CCW</sup>	V	75,00	107,00	107,20	8,00	32
710636 <sup>CCW</sup>	V	1.886	2.697	2.705	0.350	79			2.953	4.213	4.220	0.315	
710637	S	60,00	80,00	80,20	8,00	35	710676 <sup>CCW</sup>	V	40,00	58,00	58,20	9,00	32
		2.362	3.150	3.157	0.315				1.575	2.283	2.291	0.354	
710638	S	54,00	76,00	76,20	8,00	35	710677 <sup>BI</sup>	E	40,00	58,00	58,20	9,00	32
		2.126	2.992	3.000	0.315				1.575	2.283	2.291	0.354	
710639 <sup>CCW</sup>	V	100,00	118,00	118,20	8,50	32	710678 <sup>CCW</sup>	E	40,00	58,00	58,20	8,00	32
		3.937	4.646	4.654	0.335				1.575	2.830	2.291	0.315	
710640	N	2.000	2.623	2.631	0.264	62	710679	N	16,00	27,00	27,20	6,00	35
710641	V	75,00	98,00	98,20	10,00	32			0.630	1.063	1.071	0.236	
		2.953	3.858	3.866	0.394		710680 <sup>CW</sup>	N	59,00	80,00	80,20	12,00	40
710642	S	38,00	52,00	52,20	7,00	32			2.323	3.150	3.157	0.472	
		1.496	2.047	2.055	0.276		710681	N	32,00	47,00	47,20	7,00	35
710643	E	0.463	0.736	0.744	0.232	#			1.260	1.850	1.858	0.276	
710644 <sup>CW</sup>	V	48,00	68,00	68,30	7,00	32	710682	V	44,00	70,00	70,20	11,70	74
		1.890	2.677	2.689	0.276				1.732	2.756	2.764	0.461	
710645	N	1.937	2.683	2.700	0.512	#	710683 <sup>BI</sup>	V	1.376	2.750	2.754	0.394	85
710646	E	1.928	2.795	2.801	0.456	#	710684 <sup>BI</sup>	V	2.283	3.201	3.209	0.492	69
710647 <sup>RC,CW</sup>	N	1.750	2.875	2.888	0.472	#	710685	S	3.545	5.465	5.472	0.654	#
710648	N	1.240	2.402	2.411	0.524	#	710686 <sup>BI</sup>	S	40,00	69,00	69,20	13,50	40
710649 <sup>BI</sup>	N	50,00	70,00	70,23	9,00	48			1.575	2.717	2.724	0.531	
		1.969	2.765	2.756	0.354		710687 <sup>BI</sup>	N	40,00	75,00	75,10	15,00	#
710651 <sup>BI</sup>	N	50,00	65,00	65,25	10,00	32			1.575	2.953	2.957	0.591	
		1.969	2.559	2.569	0.394		710688 <sup>BI</sup>	S	1.476	2.953	2.961	0.571	#
710652	V	2.126	2.875	2.879	0.437	#	710689 <sup>CCW</sup>	N	40,00	58,00	58,20	11,00	32
710653 <sup>BI</sup>	V	2.122	3.030	3.040	0.430	87			1.575	2.283	2.291	0.433	
710654 <sup>BI</sup>	V	1.870	2.780	2.794	0.315	72	710690	N	0.621	1.024	1.031	0.252	32
710655	N	1.189	1.496	1.506	0.217	#	710691 <sup>CCW</sup>	V	1.504	2.375	2.381	0.362	40
710656 <sup>BI</sup>	N	35,00	83,00	83,19	8,00	74	710692 <sup>BI</sup>	V	1.376	2.244	2.252	0.402	87
		1.378	3.268	3.275	0.315				1.937	2.683	2.700	0.500	#
710657 <sup>CW</sup>	N	1.552	2.447	2.452	0.394	86	710694 <sup>BI</sup>	V	54,00	75,00	75,20	12,50	87
									2.126	2.953	2.961	0.492	
							710695 <sup>BI</sup>	V	1.885	2.697	2.705	0.461	79

NUMERIC SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix; <sup>RC</sup>Redicoat®

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710600 SERIES (cont.)</b>							<b>710700 SERIES (cont.)</b>						
710696 <sup>CW</sup>	E	48,00	70,00	70,20	7,00	32	710728 <sup>CW</sup>	N	1.060	1.750	1.758	0.252	32
		1.890	2.756	2.764	0.276		710729 <sup>CCW</sup>	N	25,00	41,00	41,20	8,00	32
710697 <sup>BI</sup>	N	41,00	74,00	74,20	11,00	40			0.984	1.614	1.622	0.315	
		1.614	2.913	2.921	0.433		710730 <sup>CW</sup>	V	35,00	50,00	50,20	9,50	32
710698 <sup>CCW</sup>	T	4.241	5.105	5.113	0.390	32			1.378	1.969	1.976	0.374	
710699 <sup>CW</sup>	E	47,00	63,00	63,20	5,00	32	710731 <sup>CW</sup>	N	40,00	64,00	64,20	9,00	40
		1.850	2.480	2.488	0.197				1.575	2.520	2.528	0.354	
<b>710700 SERIES</b>							710732 <sup>CCW</sup>	T	50,00	68,00	68,20	9,00	40
									1.969	2.677	2.685	0.354	
710700 <sup>BI</sup>	V	42,00	79,00	79,20	10,00	32	710733 <sup>BI</sup>	N	40,00	64,00	64,20	8,00	40
		1.654	3.110	3.118	0.394				1.575	2.520	2.528	0.315	
710701	N	1.650	2.633	2.638	0.963	298	710734 <sup>CW</sup>	N	52,00	87,00	87,20	10,30	40
710702 <sup>CCW</sup>	N	35,00	57,00	57,20	9,00	40			2.047	3.425	3.433	0.406	
		1.378	2.244	2.252	0.354		710735 <sup>CW</sup>	N	45,00	74,00	74,20	11,00	40
710703 <sup>CW</sup>	V	50,00	64,00	64,20	8,00	32			1.772	2.913	2.921	0.433	
		1.969	2.520	2.528	0.315		710736	N	1.594	3.150	3.157	0.394	75
710704 <sup>CCW</sup>	V	34,00	56,00	56,20	8,50	40	710737 <sup>BI</sup>	V	38,00	75,00	75,20	10,00	32
		1.339	2.205	2.213	0.335				1.496	2.953	2.961	0.394	
710705 <sup>BI</sup>	N	57,00	72,00	72,20	8,50	32	710738 <sup>BI</sup>	V	39,00	63,00	63,20	10,50	40
		2.241	2.835	2.843	0.335				1.535	2.480	2.488	0.413	
710706 <sup>BI</sup>	N	42,00	72,00	72,20	12,75	74	710739 <sup>CW</sup>	N	35,00	50,00	50,20	9,00	40
		1.654	2.835	2.843	0.502				1.378	1.969	1.976	0.354	
710707 <sup>CCW</sup>	V	78,00	110,00	110,20	8,50	32	710740 <sup>CW</sup>	N	2.283	2.921	2.929	0.315	32
		3.071	4.331	4.339	0.335		710741 <sup>CCW</sup>	V	1.844	3.063	3.068	0.535	74
710708 <sup>BI</sup>	N	64,00	79,00	79,20	8,00	32	710742 <sup>BI</sup>	V	69,00	90,00	90,20	8,00	32
		2.520	3.110	3.118	0.315				2.717	3.543	3.511	0.315	
710709 <sup>BI</sup>	E	36,00	61,00	61,20	10,00	87	710743 <sup>CW</sup>	V	1.953	3.543	3.551	0.315	32
		1.417	2.402	2.409	0.394		710744 <sup>CCW</sup>	V	52,00	80,00	80,20	8,00	40
710710	S	40,70	72,00	72,20	12,00	#			2.047	3.150	3.157	0.315	
		1.602	2.835	2.843	0.472		710745 <sup>CCW</sup>	V	52,00	75,00	75,20	8,00	40
710711 <sup>CW</sup>	V	38,00	50,00	50,20	6,30	32			2.047	2.953	2.961	0.315	
		1.496	1.969	1.976	0.248		710746 <sup>CW</sup>	V	50,00	70,00	70,20	8,00	40
710712 <sup>CW</sup>	V	1.561	2.565	2.570	0.314	74			1.969	2.756	2.764	0.315	
710713 <sup>CW</sup>	V	38,00	85,00	85,20	10,00	32	710747 <sup>BI</sup>	V	41,00	61,00	61,14	9,00	40
		1.496	3.346	3.354	0.394				1.614	2.402	2.407	0.354	
710714	S	15,00	21,00	21,20	5,00	47	710748	N	45,00	72,00	72,20	10,00	40
		0.591	0.827	0.835	0.197				1.772	2.835	2.843	0.394	
710715 <sup>CCW</sup>	N	38,00	63,00	63,20	9,00	40	710749 <sup>CW</sup>	V	1.949	2.780	2.785	0.382	74
		1.496	2.480	2.488	0.354		710750 <sup>CW</sup>	V	2.378	3.150	3.157	0.402	87
710716 <sup>CW</sup>	N	38,00	54,00	54,20	9,00	40	710751 <sup>CCW</sup>	V	2.047	3.555	3.563	0.394	74
		1.496	2.126	2.134	0.354		710752 <sup>BI</sup>	N	35,00	58,00	58,20	9,50	40
710717 <sup>BI</sup>	V	40,00	55,00	55,20	7,33	32			1.378	2.283	2.291	0.374	
		1.575	2.165	2.173	0.289		710753	E	17,50	24,00	24,20	5,50	32
710718 <sup>CCW</sup>	V	57,00	73,00	73,20	8,00	32			0.689	0.945	0.953	0.217	
		2.244	2.874	2.882	0.315		710754 <sup>BI</sup>	S	46,00	66,00	66,20	10,00	86
710719 <sup>CCW</sup>	V	42,00	55,00	55,20	10,00	32			1.811	2.598	2.606	0.394	
		1.654	2.165	2.173	0.394		710755	S	2.433	3.061	3.066	0.453	32
710721 <sup>BI</sup>	N	38,00	62,00	62,20	9,00	40	710756	N	2.307	3.161	3.165	0.394	40
		1.496	2.441	2.449	0.354		710757	S	31,00	45,30	45,40	7,00	35
710722 <sup>CW</sup>	N	52,00	72,00	72,20	8,00	40			1.220	1.783	1.787	0.276	
		2.047	2.835	2.839	0.315		710758 <sup>BI</sup>	N	48,00	64,00	64,20	12,00	49
710723 <sup>CCW</sup>	N	42,00	69,00	69,20	12,00	40			1.890	2.520	2.528	0.472	
		1.654	2.717	2.724	0.472		710759 <sup>15,CW</sup>	V	85,00	131,00	131,40	15,70	32
710724 <sup>CCW</sup>	N	35,00	50,00	50,20	9,00	40			3.346	5.157	5.173	0.618	
		1.378	1.969	1.976	0.354		710760 <sup>CCW</sup>	N	1.502	2.136	2.144	0.488	#
710725	V	2.157	3.059	3.067	0.335	32	710761 <sup>CCW</sup>	T	85,00	105,00	105,28	8,80	32
710726 <sup>CCW</sup>	T	1.886	2.750	2.754	0.512	40			3.346	4.134	4.145	0.346	
710727	N	40,00	64,00	64,20	10,00	40							
		1.575	2.520	2.528	0.394								

NUMERIC SECTION

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710700 SERIES (cont.)</b>							<b>710700 SERIES (cont.)</b>						
710762	E	10,00	18,00	18,20	5,00	32	710796 <sup>CW</sup>	N	48,00	67,00	67,20	7,50	32
		0.394	0.709	0.717	0.197				1.890	2.638	2.646	0.295	
710763	S	70,00	112,00	112,10	10,00	40	710797 <sup>BI</sup>	N	40,00	58,00	58,20	11,20	74
		2.756	4.409	4.413	0.394				1.575	2.283	2.291	0.441	
710764 <sup>11</sup>	T	48,00	68,00	68,20	9,30	32	710798 <sup>BI</sup>	N	40,00	55,00	55,20	7,50	40
		1.890	2.677	2.685	0.366				1.575	2.165	2.173	0.295	
710765 <sup>CCW</sup>	V	85,00	105,00	105,28	10,00	32	710799 <sup>CW</sup>	V	1.240	1.654	1.661	0.276	32
		3.346	4.134	4.145	0.394		717004	S	120,00	140,00	140,25	12,00	48
710766	V	154,00	175,00	175,30	13,50	74			4.724	5.512	5.522	0.472	
		6.063	6.890	6.902	0.531		717005 <sup>CCW</sup>	S	95,00	110,00	110,26	11,00	32
									3.740	4.331	4.341	0.433	
710767 <sup>CCW</sup>	V	85,00	103,00	103,23	8,00	32	<b>710800 SERIES</b>						
		3.346	4.055	4.064	0.315		710801 <sup>BI</sup>	N	62,00	75,00	75,20	8,00	32
710768 <sup>CW</sup>	T	45,00	64,00	64,20	9,00	40			2.441	2.953	2.961	0.315	
		1.772	2.520	2.528	0.354		710802 <sup>BI</sup>	V	1.684	2.498	2.499	0.433	32
710769 <sup>CCW</sup>	T	38,00	49,00	49,20	18,00	86	710803 <sup>CCW</sup>	V	92,00	110,00	110,20	7,00	32
		1.496	1.929	1.937	0.709				3.622	4.331	4.339	0.276	
710770	N	40,00	62,00	62,20	11,00	32	710805 <sup>CW</sup>	N	19,00	37,00	37,20	7,00	32
		1.575	2.441	2.449	0.433				0.748	1.457	1.465	0.276	
710771 <sup>BI</sup>	T	2.185	3.016	3.020	0.465	79	710806 <sup>CW</sup>	N	35,00	55,00	55,20	9,00	40
									1.378	2.165	2.173	0.354	
710772	N	39,00	56,00	56,20	8,00	40	710807 <sup>BI</sup>	N	37,00	54,00	54,20	12,00	32
		1.535	2.205	2.213	0.315				1.457	2.126	2.134	0.472	
710773 <sup>BI</sup>	N	1.366	1.783	1.791	0.276	32	710808 <sup>BI</sup>	N	40,00	55,00	55,10	12,00	#
710774 <sup>BI</sup>	N	64,00	75,00	75,20	8,00	32			1.575	2.165	2.170	0.472	
		2.520	2.953	2.961	0.315		710809	V	20,00	26,00	26,20	4,50	32
710775 <sup>BI</sup>	V	1.311	1.705	1.713	0.276	32			0.787	1.024	1.031	0.177	
710776 <sup>BI</sup>	V	40,00	75,00	75,20	10,00	32	710810 <sup>BI</sup>	V	33,00	53,00	53,20	7,25	35
		1.575	2.953	2.961	0.394				1.299	2.087	2.094	0.285	
710777 <sup>CW</sup>	N	52,00	72,00	72,20	10,00	32	710811 <sup>19</sup>	T	80,00	98,00	98,20	14,50	34
		2.047	2.835	2.843	0.394				3.150	3.858	3.866	0.571	
710778 <sup>CW</sup>	N	45,00	62,00	62,50	6,00	32	710812 <sup>15</sup>	T	3.661	5.256	5.264	0.610	32
		1.771	2.441	2.461	0.236		710813 <sup>CCW</sup>	T	93,00	114,00	114,33	11,50	32
710779 <sup>CCW</sup>	N	49,00	64,00	64,20	11,00	40			3.661	4.488	4.501	0.453	
		1.929	2.520	2.528	0.433		710814 <sup>15</sup>	T	3.622	4.500	4.508	0.846	32
710780	N	10,00	18,00	18,10	5,00	32	710815 <sup>CCW</sup>	T	96,00	116,00	116,28	12,00	32
		0.394	0.709	0.713	0.197				3.780	4.567	4.578	0.472	
710781	S	0.378	0.669	0.670	0.138	32	710816 <sup>CW</sup>	V	26,00	40,00	40,20	7,00	32
									1.024	1.575	1.583	0.276	
710782	S	14,00	26,00	26,20	12,30	32	710817 <sup>CW</sup>	N	1.787	3.228	3.237	0.335	83
		0.551	1.024	1.031	0.484		710818 <sup>CCW</sup>	N	35,00	48,00	48,20	12,00	86
710783 <sup>CCW</sup>	N	45,00	57,00	57,20	9,00	32			1.378	1.890	1.898	0.472	
		1.772	2.244	2.252	0.354		710819 <sup>CW</sup>	V	32,00	55,00	55,20	8,50	32
710784 <sup>BI</sup>	N	47,00	72,00	72,20	10,00	40			1.260	2.165	2.173	0.335	
		1.850	2.835	2.843	0.392		710820	N	14,00	25,00	25,20	19,00	32
710785 <sup>CW</sup>	V	65,00	79,00	79,20	20,00	32			0.551	0.984	0.992	0.748	
		2.559	3.110	3.118	0.787		710821	N	28,00	37,00	37,20	19,50	32
710786	T	45,00	75,00	75,20	8,00	40			1.102	1.457	1.465	0.768	
		1.772	2.953	2.961	0.315		710822 <sup>CW</sup>	T	45,00	75,00	75,20	13,50	40
710787 <sup>15,CW</sup>	T	55,00	171,00	171,20	7,50	40			1.772	2.953	2.961	0.531	
		2.165	6.732	6.740	0.295		710823 <sup>BI</sup>	V	38,00	74,00	74,20	11,00	40
710788 <sup>CW</sup>	V	51,00	65,00	65,20	7,00	32			1.496	2.913	2.921	0.433	
		2.008	2.559	2.567	0.276		710824 <sup>CW</sup>	V	31,00	50,00	50,20	8,00	32
710789 <sup>CCW</sup>	N	98,00	118,00	118,20	10,00	32			1.220	1.969	1.976	0.315	
		3.858	4.646	4.654	0.394		710825 <sup>17</sup>	N	2.881	4.492	4.504	1.440	#
710790 <sup>CW</sup>	V	45,00	65,00	65,20	7,00	32	710828	S	2.992	3.685	3.693	0.343	#
		1.772	2.559	2.567	0.276								
710794	N	60,00	75,00	75,20	8,00	32	710830 <sup>CCW</sup>	V	1.835	2.874	2.878	0.283	74
		2.362	2.953	2.961	0.315								
710795 <sup>CCW</sup>	N	48,00	65,00	65,20	7,50	32							
		1.890	2.559	2.567	0.295								

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<sup>11</sup>ABS Sensor in Seal; <sup>15</sup>Oil Seal & Housing; <sup>17</sup>Hand Installable Design; <sup>19</sup>Crankshaft position sensor port on seal; <sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710800 SERIES (cont.)</b>							<b>710800 SERIES (cont.)</b>						
710831 <sup>BI</sup>	V	1.928	2.795	2.801	0.456	32	710874	V	1.453	2.843	2.851	1.268	#
710834 <sup>CCW</sup>	V	38,00	50,00	50,20	7,00	41	710875 <sup>CCW</sup>	E	45,00	62,00	62,20	7,00	32
		1.496	1.969	1.976	0.276				1.771	2.441	2.449	0.276	
710835 <sup>CCW</sup>	V	50,00	70,00	70,20	11,50	47	710876 <sup>CW</sup>	N	62,00	74,00	74,20	7,50	32
		1.969	2.756	2.764	0.453				2.441	2.913	2.921	0.295	
710836 <sup>BI</sup>	V	43,00	77,00	77,20	11,00	85	710877 <sup>CW</sup>	V	1.875	3.160	3.168	0.563	87
		1.693	3.032	3.039	0.433		710878 <sup>CW</sup>	V	2.539	3.504	3.512	0.374	40
710837 <sup>CW</sup>	V	1.874	2.496	2.504	0.339	40	710879 <sup>CCW</sup>	V	85,00	119,00	119,30	8,00	32
710838 <sup>CCW</sup>	E	45,00	61,00	61,20	8,00	40			3.346	4.685	4.697	0.315	
		1.772	2.402	2.409	0.315		710881 <sup>CCW</sup>	V	83,00	96,00	96,30	9,00	32
710839 <sup>CCW</sup>	V	40,00	72,00	72,20	10,00	40			3.268	3.780	3.791	0.354	
		1.575	2.835	2.843	0.394		710882 <sup>15,CCW</sup>	V	85,00	175,00	175,30	9,50	32
710840 <sup>15</sup>	V	3.445	3.622	3.630	0.596	#			3.346	6.890	6.902	0.374	
710841 <sup>15,CCW</sup>	T	3.937	4.740	4.753	0.810	#	710884 <sup>15</sup>	H	88,00	111,00	111,20	23,80	#
710842 <sup>BI</sup>	T	1.988	2.975	2.988	0.406	#			3.465	4.370	4.378	0.937	
710843 <sup>CCW</sup>	V	45,00	62,00	62,20	10,00	86	710885 <sup>CCW</sup>	V	4.400	5.235	5.242	0.375	32
		1.772	2.441	2.449	0.394		710886 <sup>CW</sup>	N	47,00	61,00	61,20	7,00	32
710844 <sup>CW</sup>	E	25,00	39,50	39,70	8,00	32			1.850	2.402	2.409	0.276	
		0.984	1.555	1.563	0.315		710887 <sup>CW</sup>	V	45,00	60,00	60,20	8,00	32
710845 <sup>CCW</sup>	N	42,00	66,00	66,20	10,00	32			1.772	2.362	2.370	0.315	
		1.654	2.598	2.606	0.394		710888	S	50,00	75,00	75,20	8,00	40
710847 <sup>CW</sup>	N	45,00	75,00	75,10	13,50	72			1.969	2.953	2.961	0.315	
		1.772	2.953	2.957	0.532		710889 <sup>CW</sup>	V	40,00	65,00	65,20	6,50	74
710848 <sup>15,BI</sup>	T	85,00	101,00	101,07	13,00	32			1.575	2.559	2.567	0.256	
		3.346	3.976	3.979	0.512		710890	V	2.146	3.228	3.239	0.600	32
710849 <sup>CW</sup>	T	85,00	105,00	105,20	8,00	32	710891 <sup>RC,CW</sup>	V	1.763	2.416	2.421	0.375	47
		3.346	4.134	4.142	0.315		710892	V	104,00	139,00	139,20	13,00	32
710850 <sup>CW</sup>	T	61,00	75,00	75,20	8,00	32			4.094	5.472	5.480	0.512	
		2.402	2.953	2.961	0.315		710893 <sup>CW</sup>	V	44,00	61,00	61,20	6,00	32
710851	S	54,00	80,00	80,20	11,25	66			1.732	2.402	2.409	0.236	
		2.126	3.150	3.157	0.443		710894 <sup>CCW</sup>	N	91,00	111,00	111,20	7,50	32
710852	V	2.507	3.265	3.273	0.354	32			3.583	4.370	4.378	0.295	
710853 <sup>BI</sup>	V	1.250	1.904	1.912	0.315	#	710895 <sup>BI</sup>	V	46,00	78,00	78,20	12,00	86
									1.811	3.071	3.079	0.472	
710855 <sup>15,CCW</sup>	T	99,00	115,00	115,30	10,00	32	710896 <sup>CW</sup>	V	92,00	109,00	109,20	9,50	40
		3.898	4.528	4.539	0.394				3.622	4.291	4.299	0.374	
710857	E	0.996	1.508	1.516	0.315	#	710897 <sup>CW</sup>	V	34,00	52,00	52,20	7,00	32
710858 <sup>CCW</sup>	V	97,00	117,00	117,30	7,50	32			1.339	2.047	2.055	0.276	
		3.819	4.606	4.618	0.295		710898 <sup>CCW</sup>	N	40,00	76,00	76,20	7,00	32
710859 <sup>CW</sup>	V	1.516	1.988	1.996	0.295	32			1.575	2.992	3.000	0.276	
710860 <sup>CCW</sup>	H	88,00	104,00	104,40	8,50	32	710899 <sup>CW</sup>	V	50,00	60,00	60,20	7,00	32
		3.465	4.094	4.110	0.335				1.969	2.362	2.370	0.276	
710862	S	16,00	25,00	25,20	5,00	32	<b>710900 SERIES</b>						
		0.630	0.984	0.992	0.197		710900 <sup>CCW</sup>	V	98,00	114,00	114,30	8,00	32
710863	V	1.250	2.125	2.133	0.748	#			3.858	4.488	4.500	0.315	
710864	S	1.378	2.582	2.590	0.512	74	710901 <sup>CW</sup>	T	4.646	5.748	5.762	0.750	32
710866	V	2.125	2.909	2.917	0.500	86	710902 <sup>CCW</sup>	V	2.300	3.322	3.330	0.425	79
710867 <sup>CW</sup>	V	1.750	2.756	2.764	0.252	74	710903 <sup>BI</sup>	V	1.358	2.451	2.459	0.354	86
							710904 <sup>CW</sup>	V	1.567	2.441	2.449	0.315	32
710868 <sup>CW</sup>	N	46,00	70,00	70,20	8,00	32	710905 <sup>CCW</sup>	N	1.965	3.071	3.079	0.394	32
		1.811	2.756	2.764	0.315		710906 <sup>CCW</sup>	E	62,00	78,00	78,20	10,00	32
710869 <sup>BI</sup>	V	1.890	2.894	2.902	0.374	#			2.441	3.071	3.079	0.394	
710870 <sup>CW</sup>	S	34,00	48,00	48,20	8,00	40	710907 <sup>CW</sup>	V	47,00	64,00	64,20	8,50	47
		1.339	1.890	1.898	0.315				1.850	2.520	2.528	0.335	
710871 <sup>CCW</sup>	V	89,00	105,00	105,30	8,50	32	710908 <sup>CCW</sup>	N	49,00	66,00	66,20	7,50	32
		3.504	4.134	4.146	0.335				1.929	2.598	2.606	0.295	
710872 <sup>CCW</sup>	V	43,00	83,00	83,20	10,25	32	710909 <sup>CCW</sup>	N	53,00	68,00	68,20	8,00	32
		1.693	3.268	3.276	0.404				2.087	2.677	2.685	0.315	
710873 <sup>CCW</sup>	V	1.885	2.700	2.708	0.019	74							

NUMERIC SECTION

# Numerical List Size & Type

# RADIAL SHAFT SEALS

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710900 SERIES (cont.)</b>							<b>710900 SERIES (cont.)</b>						
710910 <sup>CCW</sup>	N	58,00	70,00	70,20	8,00	32	710941 <sup>BI</sup>	V	49,20	68,20	68,40	10,00	32
		2.283	2.756	2.764	0.315				1.937	2.685	2.693	0.394	
710911 <sup>BI</sup>	N	42,00	67,00	67,20	9,00	40	710942 <sup>BI</sup>	V	55,00	84,50	84,70	12,00	40
		1.654	2.638	2.646	0.354				2.166	3.327	3.335	0.472	
710912 <sup>CW</sup>	N	51,00	70,00	70,20	7,50	32	710943 <sup>BI</sup>	V	2.323	3.327	3.335	0.472	79
		2.008	2.756	2.764	0.295		710944 <sup>CW</sup>	E	50,00	65,00	65,20	8,00	40
710913 <sup>CW</sup>	N	37,00	56,00	56,20	8,00	40			1.969	2.559	2.567	0.315	
		1.457	2.205	2.213	0.315		710945 <sup>CW</sup>	N	60,00	90,00	90,35	8,00	32
710914 <sup>CCW</sup>	N	42,00	58,00	58,20	8,00	40			2.362	3.543	3.557	0.315	
		1.654	2.283	2.291	0.315		710946 <sup>CCW</sup>	N	52,00	67,00	67,20	8,00	40
710915 <sup>CW</sup>	N	48,00	60,00	60,20	9,00	32			2.047	2.638	2.646	0.315	
		1.890	2.362	2.370	0.354		710947	E	12,00	19,00	19,20	8,50	#
710916 <sup>CCW</sup>	N	1.969	2.854	2.862	0.417	40			0.472	0.748	0.756	0.335	
710917	N	45,00	69,00	69,20	10,00	32	710948 <sup>CCW</sup>	T	62,50	90,00	90,20	12,00	79
		1.772	2.717	2.724	0.394				2.460	3.543	3.551	0.472	
710918	N	39,00	50,00	50,20	21,70	#	710950 <sup>BI</sup>	V	46,00	73,00	73,20	10,50	#
		1.535	1.969	1.976	0.854				1.811	2.874	2.882	0.413	
710919 <sup>BI</sup>	V	43,00	78,00	78,30	10,00	85	710951 <sup>CCW</sup>	V	44,00	62,00	62,20	7,00	32
		1.692	3.071	3.083	0.394				1.732	2.441	2.449	0.276	
710920 <sup>CCW</sup>	V	48,00	85,00	85,30	13,50	74	710953 <sup>BI</sup>	V	52,00	75,00	75,25	8,00	40
		1.890	3.346	3.358	0.531				2.047	2.953	2.963	0.315	
710921	N	39,00	82,00	82,20	13,00	40	710954 <sup>CW</sup>	N	36,00	59,00	59,20	10,00	#
		1.535	3.228	3.236	0.512				1.417	2.323	2.331	0.394	
710922	N	39,00	60,00	60,20	10,30	40	710955 <sup>CW</sup>	N	62,00	74,00	74,20	8,50	32
		1.535	2.362	2.370	0.406				2.441	2.913	2.921	0.335	
710923 <sup>CW</sup>	E	51,00	66,00	66,20	7,00	32	710956 <sup>CW</sup>	E	50,00	71,00	71,20	10,00	40
		2.008	2.598	2.606	0.275				1.969	2.795	2.803	0.394	
710924	N	56,00	70,00	70,20	7,50	35	710957 <sup>CCW</sup>	E	1.978	2.756	2.764	0.394	40
		2.205	2.756	2.764	0.295				2.913	4.562	4.570	0.403	87
710925	N	3.545	5.465	5.479	0.646	#	710959 <sup>BI</sup>	V	2.913	4.562	4.570	0.403	87
710926	V	41,00	94,00	94,30	24,00	#	710960 <sup>CW</sup>	V	2.362	4.496	4.504	0.433	74
		1.614	3.701	3.713	0.945		710961 <sup>CCW</sup>	E	48,00	68,00	68,20	8,00	32
710927 <sup>BI</sup>	V	75,20	101,50	101,60	11,00	#			1.890	2.677	2.685	0.315	
		2.961	3.996	4.000	0.433		710962	S	65,00	80,00	80,20	8,00	32
710928	N	1.938	2.680	2.685	0.500	32			2.559	3.150	3.157	0.315	
710929 <sup>CW</sup>	E	43,00	62,00	62,20	5,50	32	710963 <sup>BI</sup>	V	1.782	2.756	2.764	0.433	85
		1.693	2.441	2.449	0.217				1.782	2.756	2.764	0.433	
710931 <sup>CCW</sup>	N	46,00	91,00	91,20	11,00	40	710964 <sup>CCW</sup>	V	46,00	70,60	70,80	11,10	72
		1.811	3.583	3.591	0.433				1.811	2.780	2.787	0.437	
710932 <sup>CW</sup>	N	51,00	66,00	66,20	7,50	32	710965 <sup>BI</sup>	V	55,00	80,00	80,20	9,10	74
		2.008	2.598	2.606	0.295				2.165	3.150	3.157	0.358	
710933 <sup>CCW</sup>	N	43,00	72,50	72,70	11,00	32	710966 <sup>CCW</sup>	V	40,00	64,00	64,20	8,00	32
		1.693	2.854	2.862	0.433				1.575	2.520	2.528	0.315	
710934 <sup>CW</sup>	N	45,00	62,00	62,20	8,00	32	710967 <sup>BI</sup>	N	40,00	60,00	60,20	12,00	#
		1.771	2.441	2.449	0.315				1.575	2.362	2.370	0.472	
710935 <sup>CW</sup>	V	26,00	37,50	37,70	6,00	32	710969 <sup>BI</sup>	S	35,00	62,60	62,84	10,40	#
		1.024	1.476	1.484	0.236				1.378	2.465	2.474	0.409	
710936 <sup>CCW</sup>	V	76,00	108,00	108,30	8,00	32	710970	S	0.630	0.984	0.992	0.236	#
		2.992	4.252	4.264	0.315		710971 <sup>BI</sup>	V	1.811	2.778	2.780	0.455	87
710937	V	45,00	67,00	67,20	8,00	#	710974 <sup>CW</sup>	E	24,50	41,00	41,20	6,00	32
		1.772	2.638	2.646	0.315				0.965	1.614	1.622	0.236	
710938 <sup>BI</sup>	N	42,00	65,00	65,20	10,00	#	710976 <sup>CCW</sup>	N	35,00	56,00	56,10	9,00	#
		1.654	2.559	2.567	0.394				1.378	2.205	2.209	0.354	
710939 <sup>CW</sup>	E	53,00	71,00	71,20	7,00	32	710978 <sup>CCW</sup>	N	41,00	61,00	61,20	8,00	#
		2.087	2.795	2.803	0.276				1.614	2.402	2.409	0.315	
710940	N	42,00	54,00	54,20	5,00	#	710979 <sup>CW</sup>	V	41,00	61,00	61,20	8,10	74
		1.654	2.126	2.134	0.197				1.614	2.402	2.409	0.319	
							710980 <sup>CW</sup>	E	63,00	82,00	82,20	10,00	32
									2.480	3.228	3.236	0.394	

NUMERIC SECTION

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix

**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>710900 SERIES (cont.)</b>							<b>711000 SERIES (cont.)</b>						
710981	N	48,00	78,00	78,20	14,00	40	711015 <sup>CCW</sup>	N	37,00	64,00	64,25	10,00	40
		1.890	3.071	3.079	0.551				1.457	2.520	2.530	0.394	
710982 <sup>CCW</sup>	N	38,00	51,00	51,20	12,00	#	711016 <sup>BI</sup>	E	34,50	44,00	44,20	7,00	32
		1.496	2.008	2.016	0.472				1.358	1.732	1.740	0.276	
710983	V	40,00	70,00	70,20	13,00	40	711018 <sup>CW</sup>	E	1.457	2.638	2.646	0.394	40
		1.575	2.756	2.764	0.512		711019 <sup>BI</sup>	N	43,20	66,20	66,40	10,60	40
710984 <sup>BI</sup>	N	1.535	2.323	2.331	0.531	40			1.701	2.606	2.614	0.417	
710985 <sup>CW</sup>	N	37,00	61,00	61,20	12,00	40	711020 <sup>CW</sup>	N	62,00	74,00	74,20	8,40	#
		1.457	2.402	2.409	0.472				2.441	2.913	2.921	0.331	
710986	E	38,00	54,70	54,90	8,00	40	711021 <sup>CW</sup>	N	1.575	2.913	2.921	0.335	32
		1.496	2.154	2.161	0.315		711022 <sup>CW</sup>	V	40,00	65,00	65,20	6,50	74
710987 <sup>BI</sup>	E	1.358	1.624	1.632	0.354	#			1.575	2.559	2.567	0.256	
710988 <sup>CCW</sup>	N	50,00	80,00	80,20	8,00	40	711024 <sup>CW</sup>	T	42,00	55,00	55,20	7,00	#
		1.969	3.150	3.157	0.315				1.654	2.165	2.173	0.276	
710989 <sup>BI</sup>	N	38,00	75,00	75,20	8,00	40	711025 <sup>CW</sup>	E	28,00	42,00	42,20	7,00	32
		1.496	2.953	2.961	0.315				1.102	1.654	1.661	0.276	
710990 <sup>BI</sup>	N	45,00	65,00	65,20	9,00	40	711026 <sup>BI</sup>	N	2.362	2.913	2.921	0.315	32
		1.772	2.559	2.567	0.354								
710991 <sup>BI</sup>	N	45,00	75,00	75,20	9,00	40	711027	S	35,00	52,00	52,20	7,00	32
		1.772	2.953	2.961	0.354				1.378	2.047	2.055	0.276	
710992 <sup>13,CW</sup>		50,00	80,00	80,25	8,00	40	711028	S	62,00	80,00	80,28	10,00	32
		1.969	3.150	3.159	0.315				2.441	3.150	3.161	0.394	
710993 <sup>BI</sup>	E	50,00	72,00	72,30	9,00	40	711029	S	15,00	24,00	24,23	7,00	32
		1.969	2.835	2.846	0.354				0.591	0.945	0.954	0.276	
710994 <sup>BI</sup>	N	50,00	82,00	82,25	9,00	40	711030 <sup>CCW</sup>	T	3.657			0.810	#
		1.969	3.228	3.238	0.354		711033 <sup>CW</sup>	V	53,00	81,00	81,20	15,50	86
710995 <sup>BI</sup>	V	1.673	2.571	2.579	0.495	#			2.087	3.189	3.197	0.610	
710996 <sup>CCW</sup>	E	49,00	80,00	80,20	11,00	74	711034 <sup>CCW</sup>	N	40,00	70,00	70,20	10,00	40
		1.929	3.150	3.157	0.433				1.575	2.756	2.764	0.394	
710997 <sup>CCW</sup>	N	37,00	62,00	62,20	10,00	40	711035	N	12,00	18,00	18,10	6,00	32
		1.457	2.441	2.449	0.394				0.472	0.709	0.713	0.236	
710998 <sup>CW</sup>	V	57,00	84,00	84,30	11,10	87	711037 <sup>BI</sup>	N	35,00	73,10	73,30	8,15	#
		2.244	3.307	3.319	0.437				1.378	2.878	2.886	0.321	
710999 <sup>BI</sup>	V	40,00	60,00	60,20	9,40	74	711038 <sup>CW</sup>	V	50,00	62,00	62,20	7,00	32
		1.575	2.362	2.370	0.370				1.969	2.441	2.449	0.276	
<b>711000 SERIES</b>							711039 <sup>CCW</sup>	V	92,00	109,00	109,30	8,00	32
711000	S	11.586	13.687	13.703	0.562	230			3.622	4.291	4.303	0.315	
711001 <sup>CW</sup>	V	1.811	2.220	2.228	0.276	32	711040 <sup>CW</sup>	S	20,00	35,00	35,23	5,50	32
711002 <sup>CW</sup>	V	33,00	47,00	47,20	5,00	32			0.787	1.378	1.387	0.217	
		1.299	1.850	1.858	0.197		711041	S	35,00	52,00	52,20	9,50	32
711003 <sup>CCW</sup>	T	109,00	130,00	130,30	12,50	40			1.378	2.047	2.055	0.374	
		4.291	5.118	5.130	0.492		711043	S	16,00	24,00	24,10	6,00	48
711004 <sup>CW</sup>	T	2.520	3.602	3.610	0.404	#			0.630	0.945	0.949	0.236	
							711047	V	65,00	107,00	107,20	10,00	40
711005 <sup>CW</sup>	V	40,00	55,00	55,20	7,00	32			2.560	4.213	4.220	0.394	
		1.575	2.165	2.173	0.276		711048 <sup>CCW</sup>	N	30,00	47,00	47,20	8,00	32
711007 <sup>CCW</sup>	T	85,00	105,00	105,28	11,00	32			1.181	1.850	1.858	0.315	
		3.346	4.133	4.145	0.433								
711008 <sup>CW</sup>	T	35,00	47,00	47,20	7,50	32	711049 <sup>CW</sup>	V	38,00	52,00	52,20	7,00	32
		1.378	1.850	1.858	0.295				1.496	2.047	2.055	0.276	
711009	N	38,50	58,00	10,00	#		711050 <sup>BI</sup>	E	47,00	107,30	107,50	11,20	#
		0.516	2.283	0.394					1.850	4.224	4.232	0.441	
711010	T	46,00	72,80	73,00	10,50	87	711051	E	51,00	111,30	111,60	11,20	#
		1.811	2.866	2.874	0.413				2.008	4.312	4.394	0.441	
711013 <sup>BI</sup>	N	40,00	74,00	74,20	10,00	40	711052 <sup>CW</sup>	N	55,00	88,00	88,20	11,00	74
		1.575	2.913	2.921	0.394				2.166	3.464	3.472	0.433	
711014	E	14,00	20,00	20,20	4,00	32	711053 <sup>CW</sup>	N	54,00	72,00	72,20	8,00	32
		0.551	0.787	0.795	0.157				2.126	2.835	2.843	0.346	
							711054 <sup>BI</sup>	V	45,00	98,30	98,50	10,00	72
									1.772	3.870	3.878	0.394	

NUMERIC SECTION



**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>711000 SERIES (cont.)</b>							<b>711000 SERIES (cont.)</b>						
711055 <sup>CW</sup>	N	47,00	78,00	78,20	12,00	74	711089 <sup>CW</sup>	N	35,00	67,00	67,20	12,00	40
		1.850	3.701	3.079	0.472				1.378	2.638	2.646	0.472	
711056 <sup>CW</sup>	V	48,00	82,00	82,20	12,00	40	711090 <sup>CCW</sup>	N	32,00	50,00	50,20	11,00	40
		1.890	3.228	3.236	0.472				1.260	1.969	1.976	0.433	
711057 <sup>CW</sup>	V	42,00	72,00	72,20	13,00	74	711091 <sup>CW</sup>	N	32,00	50,00	50,20	11,00	40
		1.653	2.834	2.842	0.512				1.260	1.969	1.976	0.433	
711058 <sup>CW</sup>	V	35,00	52,00	52,20	7,00	32	711092 <sup>BI</sup>	N	32,00	50,00	50,20	9,00	40
		1.378	2.047	2.055	0.276				1.260	1.969	1.976	0.354	
711059 <sup>CCW</sup>	N	52,00	68,00	68,20	8,00	40	711095 <sup>CW</sup>	N	38,00	54,00	54,20	10,00	40
		2.047	2.677	2.685	0.315				1.496	2.126	2.134	0.394	
711060	N	15,00	21,00	21,15	4,00	32	711096 <sup>BI</sup>	N	37,00	54,00	54,20	9,00	40
		0.591	0.827	0.833	0.157				1.457	2.126	2.134	0.354	
711062 <sup>CW</sup>	N	55,00	80,00	80,30	8,00	40	711097 <sup>BI</sup>	N	42,00	65,00	65,20	9,00	40
		2.165	3.150	3.161	0.315				1.654	2.559	2.567	0.354	
711063 <sup>BI</sup>	V	35,00	78,00	78,20	9,00	74	711098 <sup>CW</sup>	N	54,00	72,00	72,20	9,30	35
		1.378	3.071	3.079	0.354				2.126	2.835	2.843	0.366	
711064 <sup>BI</sup>	V	35,00	49,00	49,20	15,50	#	711099 <sup>BI</sup>	V	1.875	2.500	2.520	0.303	72
		1.378	1.929	1.937	0.610		<b>711100 SERIES</b>						
711065 <sup>BI</sup>	V	40,00	64,10	64,30	11,50	#	711101 <sup>CW</sup>	N	55,00	72,30	72,50	8,60	32
		1.575	2.524	2.531	0.453				2.165	2.846	2.854	0.339	
711066	V	30,00	60,00	60,20	9,50	74	711102 <sup>BI</sup>	N	44,00	67,00	67,20	8,00	40
		1.181	2.362	2.370	0.374				1.732	2.638	2.646	0.315	
711067 <sup>CW</sup>	V	1.125	1.624	1.632	0.236	32	711103 <sup>BI</sup>	N	37,00	50,00	50,20	8,00	32
711068 <sup>BI</sup>	V	44,00	62,00	62,20	7,50	32			1.457	1.969	1.976	0.315	
		1.732	2.441	2.449	0.295		711104 <sup>CW</sup>	N	61,00	75,00	75,20	8,00	32
711069 <sup>CW</sup>	V	48,00	80,35	3,48	13,25	74			2.402	2.953	2.961	0.315	
		1.890	3.163	3.171	0.522		711105 <sup>BI</sup>	V	39,00	80,30	80,50	9,00	87
711070	N	35,00	55,00	55,20	11,00	40			1.535	3.161	3.169	0.354	
		1.378	2.165	2.173	0.433		711106 <sup>BI</sup>	V	56,00	80,20	80,40	9,00	87
711072 <sup>CCW</sup>	N	42,00	63,00	63,20	11,00	40			2.205	3.157	3.165	0.354	
		1.653	2.480	2.488	0.433		711107 <sup>BI</sup>	N	46,00	61,00	61,20	7,00	32
711073 <sup>CW</sup>	N	39,00	59,00	59,20	10,00	40			1.811	2.402	2.409	0.276	
		1.535	2.323	2.331	0.394		711109 <sup>BI</sup>	N	42,00	64,00	64,20	10,00	#
711074 <sup>CW</sup>	N	48,00	90,00	90,30	8,00	#			1.654	2.520	2.528	0.394	
		1.890	3.543	3.555	0.315		711110 <sup>CW</sup>	N	47,50	65,50	65,70	6,00	32
711075 <sup>CCW</sup>	N	55,00	68,00	68,20	8,50	32			1.870	2.579	2.587	0.236	
		2.165	2.677	2.685	0.335		711112 <sup>BI</sup>	V	45,00	58,05	58,25	12,35	#
711076 <sup>CCW</sup>	V	68,00	108,90	109,10	14,00	87			1.772	2.285	2.293	0.486	
		2.677	4.287	4.295	0.551		711113 <sup>BI</sup>	V	48,00	62,00	62,20	16,50	#
711077 <sup>CCW</sup>	N	45,00	65,00	65,20	9,00	32			1.890	2.441	2.449	0.650	
		1.772	2.559	2.567	0.354		711114 <sup>BI</sup>	V	32,00	41,15	41,25	11,20	#
711078 <sup>BI</sup>	N	45,00	102,30	102,60	11,50	#			1.260	1.620	1.624	0.441	
		1.771	4.028	4.039	0.453		711115 <sup>CW</sup>	N	50,00	70,00	70,20	8,80	40
711080 <sup>BI</sup>	V	35,00	78,00	78,20	9,00	32			1.969	2.756	2.764	0.346	
		1.378	3.071	3.079	0.354		711116 <sup>BI</sup>	N	40,00	75,00	75,20	8,00	#
711081 <sup>CCW</sup>	V	55,00	85,00	85,20	11,00	87			1.575	2.953	2.961	0.315	
		2.165	3.346	3.354	0.433		711117 <sup>CCW</sup>	V	55,00	83,00	83,20	8,00	#
711083 <sup>CW</sup>	V	48,00	68,00	68,20	8,00	32			2.165	3.268	3.276	0.315	
		1.890	2.677	2.685	0.315		711118 <sup>BI</sup>	V	45,00	60,00	60,20	13,00	#
711084 <sup>BI</sup>	V	34,93	56,03	56,23	9,90	87			1.772	2.362	2.370	0.512	
		1.375	2.206	2.214	0.390		711119 <sup>CW</sup>	V	28,00	40,00	40,20	9,00	47
711086 <sup>BI</sup>	N	34,50	54,00	54,20	9,00	32			1.102	1.575	1.583	0.354	
		1.358	2.126	2.134	0.354		711120 <sup>CW</sup>	N	35,00	50,00	50,20	13,00	40
711087	N	35,00	50,00	50,20	8,50	40			1.378	1.969	1.976	0.512	
		1.378	1.969	1.976	0.335		711121 <sup>BI</sup>	N	48,00	65,00	65,20	8,00	32
711088 <sup>CW</sup>	N	50,00	86,00	86,20	12,50	40			1.890	2.559	2.567	0.315	
		1.969	3.386	3.394	0.492		711122 <sup>CCW</sup>	N	45,00	65,00	65,20	10,00	32
									1.772	2.559	2.567	0.394	

**NUMERIC SECTION**

<sup>BI</sup>Bi-Directional Helix; <sup>CCW</sup>Counter-Clockwise-Spiral Helix; <sup>CW</sup>Clockwise-Spiral Helix



**Numerical List Size & Type**

**RADIAL SHAFT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.	Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>711100 SERIES (cont.)</b>							<b>712000 SERIES (cont.)</b>						
711123	N	30,00	47,40	47,60	5,80	49	712025 <sup>2</sup>	S	1.250	1.750	1.754	0.250	#
		1.181	1.866	1.874	0.228		712027 <sup>2</sup>	S	0.750	1.250	1.254	0.250	#
711124 <sup>CW</sup>	T	56,00	70,00	70,20	8,20	#	712146 <sup>BI</sup>	S	1.687	2.560	2.579	0.470	25
		2.205	2.756	2.764	0.323		712250 <sup>RC</sup>	V	2.250	3.000	3.005	0.375	47
711125 <sup>CCW</sup>	T	100,00	115,00	115,30	7,00	#	712260	S	1.750	2.810	2.814	0.315	47
		3.937	4.528	4.539	0.276		712270	S	0.875	1.436	1.441	0.256	48
711126 <sup>CCW</sup>	T	100,00	120,00	120,30	11,00	#	712375 <sup>RC</sup>	N	2.375	4.064	4.069	1.092	90
		3.937	4.724	4.736	0.433		712449 <sup>CCW</sup>	V	4.812	5.543	5.551	0.472	32
711127 <sup>15,CCW</sup>	T	93,00	114,00	114,30	11,60	#	712511 <sup>CW</sup>	V	68,00	89,00	89,20	11,00	32
		3.661	4.488	4.500	0.457			2.677	3.504	3.512	0.433		
711128 <sup>15,CCW</sup>	V	80,00	97,00	97,20	13,10	#	712551	S	40,00	56,00	56,26	10,00	32
		3.150	3.819	3.827	0.516			1.575	2.205	2.215	0.394		
711129 <sup>CW</sup>	V	55,00	72,00	72,20	8,00	#	712598 <sup>RC</sup>	S	2.598	3.999	4.004	0.730	47
			2.835	2.843	0.315		712625 <sup>RC</sup>	N	2.625	4.064	4.069	0.960	90
711130 <sup>CCW</sup>	V	100,00	115,00	115,30	8,00	#	712692 <sup>CW</sup>	V	1.875	2.561	2.565	0.528	76
		3.937	4.528	4.539	0.315		712750 <sup>RC</sup>	V	3.500	4.501	4.506	0.468	41
711131 <sup>CW</sup>	T	63,50	79,50	79,70	8,00	#	712937 <sup>RC</sup>	N	2.937	4.939	4.944	1.250	90
		2.500	3.130	3.138	0.315		712938	S	56,00	73,00	73,23	8,00	49
711132 <sup>CCW</sup>	T	110,00	125,00	125,30	12,00	#		2.205	2.874	2.883	0.315		
		4.331	4.921	4.933	0.472		<b>713000 SERIES</b>						
711133 <sup>15,CCW</sup>	T	85,00	105,00	105,30	14,30	#	713087 <sup>CW</sup>	V	28,00	38,00	38,20	7,00	32
		3.346	4.134	4.146	0.563			1.102	1.496	1.504	0.276		
711181 <sup>CW</sup>	V	41,00	56,00	56,13	7,00	32	713103 <sup>RC,CW</sup>	V	2.180	3.190	3.194	0.620	69
		1.614	2.205	2.210	0.276		713750 <sup>RC</sup>	V	3.750	4.500	4.506	0.468	69
<b>711500 SERIES</b>							713771 <sup>CW</sup>	V	35,00	50,00	50,34	7,00	35
711552	N	1.552	2.502	2.506	0.312	47		1.378	1.969	1.982	0.276		
711553 <sup>RC,BI</sup>	N	2.375	3.875	3.881	1.060	74	<b>714000 SERIES</b>						
<b>712000 SERIES</b>							714075 <sup>RC</sup>	H	1.771	2.500	2.504	0.359	74
710212	S	74,00	156,00	156,10	14,00	40	714436	S	35,00	48,00	48,20	8,00	32
		2.913	6.142	6.146	0.551			1.378	1.890	1.898	0.315		
712000	N	3.000	5.750	5.764	0.945	74	714470 <sup>RC</sup>	V	3.125	4.003	4.008	0.500	48
712001 <sup>CW</sup>	N	30,00	46,00	46,30	8,00	32	714503	N	1.886	2.756	2.765	0.472	87
		1.181	1.811	1.823	0.315		714512 <sup>RC,BI</sup>	N	2.375	4.498	4.505	0.391	87
712005 <sup>CW</sup>	H	65,00	84,00	84,30	9,00	32	714569 <sup>BI</sup>	V	1.574	2.410	2.415	0.540	32
		2.559	3.307	3.319	0.354		714598 <sup>RC,CW</sup>	N	1.998	2.878	2.882	0.340	86
712006 <sup>CCW</sup>	H	60,00	82,00	82,20	12,00	32	714616	V	0.630	1.762	1.770	0.354	34
		2.362	3.228	3.236	0.472		714654 <sup>RC,CCW</sup>	N	2.000	2.996	3.003	0.438	47
712007 <sup>CW</sup>	H	25,00	35,00	35,25	6,00	32	714655 <sup>RC,CW</sup>	N	1.375	1.981	1.989	0.252	48
		0.984	1.378	1.388	0.276		714670 <sup>RC,CCW</sup>	N	2.500	3.500	3.504	0.450	47
712008	H	28,00	42,00	42,20	8,00	32	714675 <sup>RC,BI</sup>	V	1.844	2.748	2.753	0.425	74
		1.102	1.654	1.661	0.315		714679 <sup>RC,BI</sup>	N	1.605	2.560	2.565	0.369	90
712009 <sup>CCW</sup>	H	27,00	40,00	40,20	8,00	32	714713 <sup>RC,BI</sup>	V	4.000	4.999	5.004	0.469	96
		1.063	1.575	1.583	0.315		714750 <sup>RC</sup>	V	4.750	5.751	5.756	0.500	48
712011	S	40,00	75,00	75,20	12,00	32	<b>715000 SERIES</b>						
		1.575	2.953	2.961	0.472		715100	S	1.875	3.150	3.155	0.250	46
712012 <sup>2</sup>	V	0.984	1.752	1.756	0.313	#	<b>716000 SERIES</b>						
712013 <sup>2</sup>	S	1.000	1.752	1.756	0.313	#	716102 <sup>CCW</sup>	S	85,00	105,00	105,28	11,00	32
712014 <sup>2</sup>	S	0.750	1.250	1.254	0.375	#		3.346	4.134	4.145	0.433		
712015 <sup>2</sup>	V	0.875	1.375	1.379	0.250	#	716484 <sup>CW</sup>	V	48,00	65,00	65,30	10,00	32
712016 <sup>2</sup>	S	1.000	1.499	1.503	0.250	#		1.890	2.559	2.571	0.394		
712018 <sup>2</sup>	S	0.984	1.596	1.601	0.250	#	<b>718000 SERIES</b>						
712019 <sup>2</sup>	S	0.500	0.875	0.879	0.313	#	718610 <sup>RC</sup>	N	0.562	1.004	1.008	0.254	47
712021 <sup>2</sup>	V	0.313	0.749	0.753	0.250	#	<b>719000 SERIES</b>						
712022 <sup>2</sup>	S	0.313	0.686	0.690	0.313	#	719316	V	1.875	2.797	2.805	0.530	72
712023 <sup>2</sup>	V	1.500	2.311	2.315	0.500	#							
712024 <sup>2</sup>	S	0.625	1.124	1.128	0.375	#							

NUMERIC SECTION

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>722000 SERIES (cont.)</b>						
722108	S	1.312	1.625	1.662	0.156	VRS1
722109	S	2.250	2.675	2.733	0.539	VRS1
722250 <sup>RC</sup>	N	2.250	4.064	4.069	1.092	90
<b>790000 SERIES</b>						
797701	S	0.375	0.625	0.629	0.125	31
797702	S	0.750	1.250	1.254	0.125	31
797703	V	1.000	1.499	1.503	0.250	#
797704	S	1.750	2.502	2.506	0.500	#
797705	S	1.500	2.328	2.332	0.500	#
797706	V	1.500	2.064	2.068	0.375	#
797707	V	1.250	1.750	1.754	0.250	#
797708	S	1.250	1.687	1.691	0.313	#
797709	S	1.000	1.500	1.505	0.250	#
797710	S	1.000	1.375	1.379	0.250	#
797711	V	0.875	1.497	1.501	0.313	#
797712	S	0.500	0.999	1.003	0.313	#
797713	V	0.500	0.999	1.003	0.250	#
797714	V	0.875	1.250	1.254	0.250	#
797715	V	0.500	1.124	1.128	0.250	#
797716	V	1.500	1.997	2.003	0.250	#
797717	S	2.125	3.061	3.066	0.250	#
797718	S	1.875	2.750	2.754	0.250	#
797719	S	1.688	2.562	2.566	0.250	#
797720	S	1.375	2.437	2.441	0.250	#
797721	S	1.500	2.502	2.506	0.250	#
797722	S	1.125	2.000	2.004	0.250	#
797723	S	1.875	3.000	3.005	0.250	#
797724	S	3.250	4.501	4.506	0.250	#
797725	S	1.250	1.874	1.878	0.250	#
797726	S	1.250	1.983	1.987	0.250	#
797727	S	1.000	1.781	1.785	0.250	#
797728	S	1.750	2.125	2.129	0.188	#
797729	S	10.250	11.250	11.260	0.625	#
797732	S	2.500	3.000	3.005	0.281	#
797733	S	0.500	1.000	1.004	0.281	#
797734	S	0.750	1.250	1.254	0.281	#
797735	S	1.000	1.500	1.505	0.281	#
797736	S	1.250	1.752	1.756	0.281	#
797737	S	1.375	1.874	1.878	0.281	#
797738	S	1.500	2.000	2.004	0.281	#
797739	S	2.000	2.502	2.506	0.281	#
797740	S	2.750	3.250	3.310	0.281	#
797741	S	4.000	4.625	4.630	0.328	#
797742	S	1.750	2.250	2.259	0.281	#

**PLAIN ROUND FELT SEALS**

Part No.	Lip Mat'l	Shaft Size	Hsg Bore	Seal O.D.	Seal Width	Type/ Illus.
<b>FELTWASHER SERIES</b>						
5M289	F	2.000	2.748	2.746	0.438	#
5M293	F	1.938	3.000	3.004	0.375	#
5M403	F	2.000	3.125	3.129	0.500	#
5M466	F	6.438	7.563	7.567	0.500	#
5M643	F	3.250	4.063	4.067	0.313	#
5M81	F	1.938	2.875	2.888	0.375	#
5M89	F	2.500	3.438	3.442	0.313	#
5MR1008	F	2.688	3.500	3.504	0.219	#
5MR1009	F	2.937	3.812	3.816	0.313	#
5MR1300	F	0.938	1.500	1.504	0.375	#
5MR71	F	2.188	3.063	3.067	0.250	#

NUMERIC SECTION

# Numerical List Size & Type

# SEAL KITS

KIT DIMENSIONS						SEAL DIMENSIONS							REMARKS
Kit No.	Shaft	O.D.	Width	Bolt Holes	Type/ Illus.	Seal No.	Type/ Illus.	Lip Mat'l	Shaft	O.D.	Width	Bolt Holes	Remarks
5026	6.000	6.757	0.750	-	33	+ 336665H	-	-	-	-	-	-	(Seal & Sleeve); Contains 336665HCO Seal & J1141 Wear Sleeve
5039	5.991	6.757	0.500	-	41	+ 4165V	-	-	-	-	-	-	Contains JV2088 Wear Sleeve
5065	4.000	5.005	0.625	-	45	+ 455134H	-	-	-	-	-	-	Contains J1129 Wear Sleeve
5066	2.377	3.505	0.560	-	48	3894V	48	V	2.500	3.505	0.500	-	Contains JX1920 Wear Sleeve
5089	3.937	5.509	0.597	-	41	+ 2155	-	-	-	-	-	-	
5146	5.500	6.631	0.875	-	41	+ 415487	41	-	5.625	6.631	0.625	-	Contains JV1463 Wear Sleeve
5166	1.250	2.254	0.750	-	41	+ 410169	41	-	1.375	2.254	0.500	-	Contains JV1873 Wear Sleeve
5167	3.625	4.756	0.875	-	47	475379 <sup>25</sup>	47	S	3.750	4.756	0.500	-	Contains JV1874 Wear Sleeve
5168	1.062	2.129	0.625	-	41	+ 413293	41	-	1.187	2.129	0.375	-	Contains JV1872 Wear Sleeve
5169	3.250	4.254	0.750	-	47	476028 <sup>25</sup>	47	S	3.375	4.254	0.468	-	Contains JV1875 Wear Sleeve
5170	4.062	5.506	0.875	-	41	+ 415039	41	-	4.187	5.506	0.562	-	Contains JV1473 Wear Sleeve
5188	2.000	3.376	0.625	-	41	410972N <sup>25</sup>	41	N	2.125	3.376	0.468	-	Contains J1109 Wear Sleeve & JV1837 Wear Sleeve
5189	2.250	3.256	0.625	-	41	412038N <sup>25</sup>	41	N	2.375	3.256	0.437	-	Contains J1113 Wear Sleeve & JV1836 Wear Sleeve
5200	1.502	2.381	0.470	-	71	9613S <sup>24,25</sup>	71	S	1.500	2.381	0.470	-	(Seal & Bushing); Contains RP356 Bushing
5201	1.500	2.378	1.500	-	47	470059 <sup>25</sup>	47	S	1.500	2.378	0.500	-	(Seal & Bushing); Contains RP605 Bushing
5202	1.500	2.376	0.420	-	79	7692S <sup>24,25</sup>	79	N	1.500	2.376	0.420	-	(Seal & Bushing); Contains RP605 Bushing
5203	1.685	2.506	0.421	-	79	7300S <sup>24,25</sup>	79	N	1.685	2.506	0.421	-	(Seal & Bushing); Contains RP661 Bushing
5206	1.685	2.506	0.421	-	79	7300S <sup>24,25</sup>	79	N	1.685	2.506	0.421	-	(Seal & Bushing); Contains RP546 Bushing
5208	1.887	1.999	1.000	-	74	9449 <sup>24,25</sup>	74	S	1.887	2.704	0.582	-	Contains RP775 Bushing
5273	2.991	3.637	0.385	-	FW-H	+ 100202T	-	-	-	-	-	-	
5274	3.740	4.540	0.492	-	FW-H	+ 100203T	-	-	-	-	-	-	Contains Contains 733215 Gasket
5277	3.625	4.256	0.390	-	FW-H	+ 100204T	-	-	-	-	-	-	
5278	3.750	4.506	0.362	-	FW-H	+ 100205T	-	-	-	-	-	-	
5279	3.583	4.375	0.394	-	FW-H	+ 100052T	-	-	-	-	-	-	Contains 731414 Gasket
5287	3.465	4.266	0.437	-	FW-H	+ 100239T	-	-	-	-	-	-	Contains 732079 Gasket & 733419 Gasket & 734280 Gasket
5313	3.010	8.250	0.571	-	#	+ 8369S	-	-	-	-	-	-	Contains K282 Wiper & (2) G523 Gasket
5329	2.000	4.562	0.562	-	#	+ 6465B	-	-	-	-	-	-	Contains (2) G33 Gasket
5397	2.121	3.350	0.500	-	46	+ 482435	48	-	2.172	3.35	0.500	-	
						+ 9434	-	-	-	-	-	-	
5399	2.812	4.504	1.000	-	41	+ 415356	41	-	2.937	4.504	0.468	-	Contains JV1427 Wear Sleeve
5401	2.500	6.125	0.435	-	51	+ 7512S	-	-	-	-	-	-	Contains (2) G41 Gasket & G43 Gasket & JV1304 Wear Sleeve
5403	2.860	6.562	0.571	-	#	+ 6479	-	-	-	-	-	-	Contains J493 Wear Sleeve
5408	3.124	8.250	0.518	-	#	+ 6477S	-	-	-	-	-	-	Contains (2) G40 Gasket & G42 Gasket & J873 Wear Sleeve
5414	2.645	5.625	0.320	-	#	-	-	-	-	-	-	-	(Split-Lip Seal); Contains (2) G129 Gasket & G130 Gasket & G131 Gasket
5419	-	6.906	0.440	-	#	-	-	-	-	-	-	-	Contains (2) G137 Gasket
5424	5.312	6.514	0.500	-	FW-H	+ 327984	-	-	-	-	-	-	Contains JF2280 Wear Sleeve
5458	1.880	2.414	0.250	-	35	+ 6910S	-	-	-	-	-	-	Contains 610101 O-Ring
5460	4.687	5.756	1.562	-	45	455251H <sup>25</sup>	45	H	4.812	5.756	0.562	-	Contains JV729 Wear Sleeve
5487	2.000	5.880	0.448	-	#	-	-	-	-	-	-	-	Contains (2) G221 Gasket & K251 Wiper
5521	2.120	3.505	0.750	-	41	+ 415093	41	-	2.250	3.505	0.500	-	Contains JV1456 Wear Sleeve
5526	3.994	5.004	0.718	-	41	+ 415134	41	-	4.125	5.004	0.468	-	Contains JV1461 Wear Sleeve
5527	4.743	6.256	0.812	-	41	+ 415068	-	-	-	-	-	-	Contains JV1462 Wear Sleeve
5531	1.812	2.879	0.718	-	41	+ 410295	41	-	1.937	2.879	0.468	-	Contains J1464 Wear Sleeve
5532	3.562	5.256	0.468	-	41	416670 <sup>25</sup>	41	S	3.687	5.256	0.468	-	Contains JV1469 Wear Sleeve

NUMERIC SECTION

# Numerical List Size & Type

# SEAL KITS

KIT DIMENSIONS						SEAL DIMENSIONS							REMARKS
Kit No.	Shaft	O.D.	Width	Bolt Holes	Type/ Illus.	Seal No.	Type/ Illus.	Lip Mat'l	Shaft	O.D.	Width	Bolt Holes	Remarks
<b>5537</b>	4.062	6.000	0.875	-	41	<b>+ 416673</b>	41	-	4.187	6.007	0.625	-	Contains JV1473 Wear Sleeve
<b>5538</b>	6.875	8.382	0.750	-	41	<b>+ 416674</b>	-	-	-	-	-	-	Contains JV1474 Wear Sleeve
<b>5573</b>	1.915	2.548	0.250	-	#	<b>+ 7020</b>	-	-	-	-	-	-	Contains 610145 O-Ring
<b>5578</b>	3.125	4.130	1.000	-	48	<b>+ 485500N</b>	48	-	3.298	4.13	0.562	-	Contains K179 Wiper
<b>5589</b>	2.129	2.766	0.250	-	48	<b>+ 666151</b>	-	-	-	-	-	-	Contains 666151 O-Ring
						<b>+ 6957</b>	-	-	-	-	-	-	
<b>5591</b>	-	6.240	0.400	-	#	-	-	-	-	-	-	-	Contains (2) G462 Gasket & (2) G463 Gasket
<b>5601</b>	2.875	3.756	0.625	-	47	<b>476023N<sup>25</sup></b>	47	N	3.000	3.756	0.375	-	Contains JV1120 Wear Sleeve
<b>5602</b>	2.375	3.433	1.000	-	47	<b>473274N<sup>25</sup></b>	47	N	2.500	3.433	0.375	-	Contains JV1802 Wear Sleeve
<b>5603</b>	2.375	4.943	1.000	-	74	<b>3136N<sup>25,26</sup></b>	47	N	2.500	4.943	0.500	-	Contains JV1802 Wear Sleeve
<b>5613</b>	6.079	7.336	0.750	-	64	<b>2628<sup>25</sup></b>	64	H	6.204	7.336	0.562	-	Contains K458 Wiper & J1842 Wear Sleeve
<b>5624</b>	5.000	6.131	0.875	-	45	<b>456557<sup>25</sup></b>	45	V	5.125	6.131	0.500	-	Contains JX1831 Wear Sleeve
<b>5629</b>	3.000	4.008	0.625	-	45	<b>+ 457034</b>	-	-	-	-	-	-	Contains J1121 Wear Sleeve
<b>5645</b>	5.998	6.757	0.675	-	41	<b>+ 4165V</b>	-	-	-	-	-	-	Contains J2051 Wear Sleeve
<b>5649</b>	3.562	4.761	0.875	-	74	<b>9584<sup>25</sup></b>	74	S	3.562	4.761	0.550	-	Contains JV1509 Wear Sleeve
<b>5666</b>	2.340	3.355	0.650	-	69	<b>+ 3501V</b>	-	-	-	-	-	-	Contains JX1966 Wear Sleeve
<b>5667</b>	3.865	5.700	0.975	-	74	<b>+ 4269</b>	-	-	-	-	-	-	Contains J2058 Wear Sleeve
<b>5694</b>	1.969	2.688	0.256	-	32	<b>+ 1884</b>	-	-	-	-	-	-	
						<b>4899</b>	66	S	2.205	2.958	0.256	-	
						<b>+ 722111</b>	-	-	-	-	-	-	
<b>5695</b>	2.010	2.965	0.318	-	#	<b>+ SK1</b>	-	-	-	-	-	-	Contains SK3 Wear Sleeve
						<b>+ SK2</b>	-	-	-	-	-	-	
						<b>+ SK3</b>	-	-	-	-	-	-	
<b>5696</b>	2.047	2.964	0.315	-	47	<b>1993</b>	47	S	2.205	2.885	0.492	-	
						<b>4898</b>	66	S	2.047	2.603	0.295	-	
						<b>+ 722110</b>	-	-	-	-	-	-	
<b>5697</b>	1.875	3.150	0.315	-	#	<b>+ 4051</b>	-	-	-	-	-	-	Contains AS232 O-Ring
<b>5698</b>	2.420	3.558	0.336	-	#	<b>+ 4185</b>	-	-	-	-	-	-	Contains AS043 O-Ring
<b>5699</b>	1.875	2.808	0.433	-	285	<b>+ 4310</b>	-	-	-	-	-	-	Contains AS232 O-Ring

NUMERIC SECTION

<sup>25</sup>Redicoat®; <sup>26</sup>Bi-Directional Helix; \*Not Sold Separately

**Numerical List Size & Type**

**WEAR SLEEVES**

Part No.	Shaft Dia	I.D.	Eff. Shaft Dia	Flanged O.D.	Width	Type/ Illus.	Part No.	Shaft Dia	I.D.	Eff. Shaft Dia	Flanged O.D.	Width	Type/ Illus.
J1081	5.375	136.530	5.500		0.750	19	JV753	4.764	121.010	5.510		0.875	#
J1101	1.500	38.100	1.625		0.625	19	• JV825	1.766	1.761	1.871		0.875	19
J1103	1.625	41.280	1.750		0.625	19	JV933	1.500	38.100	2.570		0.550	1
J1105	1.750	44.450	1.875		0.625	19	JV949	3.146	79.910	3.224		0.625	1
J1106	1.812	46.020	1.937		0.625	19	JX1190	7.375	187.330	7.500		0.875	19
J1107	1.875	1.870	2.000		0.625	19	JX1747	3.000	76.200	3.125		0.687	19
J1109	2.000	50.800	2.125		0.625	19	JX1867	4.687	119.050	4.812		1.240	19
• J1110	2.062	2.057	2.187		0.625	19							
J1111	2.125	53.980	2.250		0.625	19							
J1113	2.250	57.150	2.375		0.625	19							
J1115	2.375	60.330	2.500		0.625	19							
J1117	2.500	63.500	2.625		0.625	19							
J1118	2.625	66.680	2.750		0.625	19							
J1119	2.750	69.850	2.875		0.625	19							
J1121	3.000	76.200	3.125		0.625	19							
J1122	3.125	79.380	3.250		0.625	19							
J1123	3.250	82.550	3.375		0.625	19							
J1124	3.375	85.730	3.500		0.625	19							
J1125	3.500	88.900	3.625		0.625	19							
J1126	3.625	92.080	3.750		0.625	19							
J1127	3.750	95.250	3.875		0.625	19							
J1128	3.875	98.430	4.000		0.625	19							
J1129	4.000	101.600	4.125		0.625	19							
J1130	4.125	104.780	4.250		0.625	19							
J1131	4.250	107.950	4.375		0.750	19							
J1132	4.375	111.130	4.500		0.750	19							
J1134	4.625	117.480	4.750		0.750	19							
J1136	4.875	123.830	5.000		0.750	19							
J1138	5.250	133.350	5.375		0.750	19							
• J1139	5.500	5.493	5.625		0.750	19							
J1140	5.750	146.050	5.875		0.750	19							
J1141	6.000	152.400	6.125		0.750	19							
J1158	1.125	28.580	1.250		0.500	19							
J1278	6.875	174.630	7.000		0.750	19							
J1396	2.000	50.800	2.125		0.750	19							
J1606	4.875	123.830	5.000		0.715	19							
J1780	2.502	63.550	2.627		1.000	19							
J1825	6.206	157.630	6.328		0.812	19							
• J1828	5.375	5.368	5.5		0.848	#							
J1842	6.081	154.460	6.204		0.750	19							
J1869	6.375	161.930	6.500		0.875	19							
J2228	2.500	63.500	2.491		0.560	19							
JF2280	5.187	131.750	5.312		1.380	19							
JF2282	4.687	119.050	4.812		1.240	19							
• JJ1990	2.375	2.37	2.5		1.000	19							
• JV1002	5.875	5.868	6		0.875	19							
• JV1138	5.250	5.243	5.375		0.750	19							
JV1166	3.686	93.620	3.767		0.625	1							
JV1190	7.375	187.330	7.500		0.875	19							
JV1216	2.698	68.530	2.774		0.953	#							
JV1277	1.375	34.930	1.500		0.625	19							
• JV1278	6.875	6.867	7		0.750	19							
JV1371	2.906	73.810	3.000	3.125	0.562	#							
JV1469	3.562	90.470	3.687	3.825	0.718	10							
JV1474	6.875	174.630	7.000	7.187	1.000	10							
• JV1582	3.678	3.67	3.758		0.625	1							
JV701	4.812	122.220	5.510		0.875	#							

NUMERIC SECTION

# Numerical List Size & Type

# REDI-SLEEVES

Part No.	Shaft Range		Width on Shaft	Overall Width	Flanged O.D.	Install. Depth	Part No.	Shaft Range		Width on Shaft	Overall Width	Flanged O.D.	Install. Depth
	Min	Max						Min	Max				
99049	0.469	0.475	0.236	0.331	0.787	0.472	99160	1.602	1.608	0.500	0.641	1.938	1.000
99050	0.498	0.502	0.250	0.344	0.610	2.008	99161	1.622	1.628	0.313	0.438	1.875	1.016
99055	0.547	0.551	0.250	0.391	0.750	1.831	99162	1.623	1.628	0.563	0.688	1.875	0.813
99056	0.560	0.566	0.250	0.391	0.750	1.831	99163	1.608	1.614	0.500	0.625	1.938	1.016
99058	0.626	0.630	0.313	0.438	0.718	2.000	99165	1.653	1.659	0.550	0.689	2.087	0.827
99059	0.589	0.593	0.197	0.354	0.750	0.425	99166	1.647	1.654	0.445	0.571	2.087	0.827
99060	0.682	0.686	0.313	0.438	0.900	2.000	99167	1.685	1.691	0.313	0.438	1.906	0.875
99062	0.623	0.627	0.313	0.406	0.813	2.000	99168	1.684	1.690	0.563	0.688	1.906	0.875
99068	0.667	0.671	0.315	0.433	1.063	2.008	99169	1.647	1.654	0.563	0.688	2.087	0.827
99075	0.748	0.752	0.375	0.500	0.900	2.000	99170	1.736	1.742	0.375	0.500	2.063	0.813
99076	0.748	0.752	0.313	0.438	0.938	2.000	99171	1.715	1.721	0.563	0.688	2.031	0.813
99078	0.785	0.789	0.313	0.433	0.999	2.000	99172	1.747	1.753	0.375	0.500	2.055	0.813
99080	0.780	0.784	0.313	0.438	0.935	2.000	99174	1.747	1.753	0.563	0.688	2.063	0.813
99081	0.759	0.761	0.313	0.438	0.938	2.000	99175	1.747	1.753	0.750	0.875	2.063	0.813
99082	0.704	0.709	0.315	0.433	1.063	1.811	99176	1.761	1.767	0.563	0.688	2.063	0.813
99084	0.861	0.866	0.259	0.359	1.188	1.856	99177	1.769	1.775	0.551	0.669	2.087	0.812
99085	0.861	0.866	0.315	0.472	1.058	1.813	99179	1.778	1.784	0.675	0.800	2.125	1.062
99086	0.857	0.861	0.250	0.375	1.155	2.000	99180	1.747	1.753	0.531	0.625	2.063	0.875
99087	0.873	0.877	0.313	0.438	1.093	2.000	99181	1.809	1.815	0.563	0.688	2.156	1.000
99091	0.908	0.912	0.313	0.438	1.218	1.847	99182	1.687	1.693	0.500	0.625	1.906	0.844
99092	0.940	0.945	0.313	0.437	1.130	2.000	99184	1.872	1.878	0.375	0.516	2.203	1.050
99094	0.966	0.970	0.313	0.438	1.130	2.000	99185	1.857	1.863	0.563	0.688	2.156	1.000
99096	0.966	0.970	0.625	0.719	1.130	2.000	99186	1.866	1.872	0.889	1.025	2.187	1.000
99098	0.982	0.986	0.313	0.433	1.378	2.000	99187	1.872	1.878	0.563	0.688	2.203	1.000
99101	0.998	1.002	0.313	0.438	1.219	2.000	99188	1.872	1.878	0.295	0.415	2.203	0.744
99103	1.019	1.024	0.313	0.472	1.312	1.813	99189	1.887	1.893	0.551	0.668	2.205	0.984
99106	1.060	1.064	0.313	0.438	1.320	2.812	99190	1.872	1.878	0.175	0.295	2.203	0.744
99108	1.087	1.091	0.313	0.438	1.406	0.625	99192	1.909	1.915	0.375	0.500	2.219	1.000
99111	1.100	1.104	0.375	0.500	1.375	2.813	99193	1.934	1.940	0.563	0.688	2.219	1.000
99112	1.123	1.127	0.313	0.438	1.575	0.688	99196	1.965	1.971	0.551	0.688	2.244	0.984
99114	1.179	1.184	0.315	0.433	1.400	0.688	99198	1.977	1.983	0.563	0.704	2.313	1.050
99116	1.123	1.127	0.375	0.500	1.500	0.688	99199	1.997	2.003	0.563	0.688	2.406	1.000
99118	1.185	1.190	0.313	0.438	1.400	0.875	99200	1.997	2.003	0.875	1.000	2.406	1.000
99120	1.154	1.158	0.375	0.500	1.350	0.688	99204	2.041	2.047	0.500	0.625	2.469	1.000
99121	1.297	1.301	0.591	0.709	1.594	1.000	99205	2.057	2.063	0.781	0.938	2.469	1.375
99122	1.173	1.178	0.313	0.438	1.575	0.688	99210	2.123	2.128	0.500	0.750	2.422	1.281
99123	1.216	1.222	0.315	0.438	1.575	0.688	99212	2.124	2.130	0.781	0.938	2.422	1.375
99125	1.247	1.253	0.313	0.438	1.500	0.688	99215	2.162	2.168	0.787	0.905	2.441	1.250
99128	1.257	1.263	0.315	0.437	1.496	0.709	99218	2.186	2.192	0.781	0.938	2.500	1.313
99129	1.308	1.314	0.250	0.375	1.600	0.813	99219	2.280	2.286	0.787	0.938	2.598	1.375
99131	1.310	1.316	0.500	0.625	1.594	0.813	99220	2.197	2.205	0.500	0.625	2.500	1.250
99133	1.371	1.377	0.313	0.438	1.638	0.813	99225	2.249	2.255	0.781	0.938	2.531	1.313
99134	1.336	1.342	0.500	0.625	1.638	0.813	99226	2.237	2.243	0.764	0.900	2.562	1.250
99138	1.371	1.377	0.500	0.625	1.638	0.813	99227	2.249	2.255	0.313	0.438	2.531	1.313
99139	1.375	1.381	0.512	0.630	1.638	0.812	99228	2.275	2.281	0.380	0.505	2.678	1.375
99143	1.432	1.438	0.563	0.688	1.781	1.000	99230	2.227	2.233	0.781	0.906	2.531	1.250
99144	1.435	1.441	0.375	0.500	1.781	1.016	99231	2.309	2.315	0.781	0.938	2.688	1.600
99145	1.453	1.460	0.375	0.500	1.781	0.812	99233	2.327	2.333	0.750	0.875	2.750	1.610
99146	1.412	1.417	0.518	0.669	1.689	0.984	99235	2.359	2.365	0.787	0.905	2.785	1.375
99147	1.490	1.496	0.512	0.669	1.780	0.984	99236	2.369	2.375	0.781	0.938	2.750	1.375
99149	1.497	1.503	0.563	0.688	1.781	1.000	99237	2.374	2.380	0.781	0.938	2.734	1.375
99150	1.497	1.503	0.375	0.500	1.781	1.016	99238	2.372	2.378	0.594	0.750	2.750	1.375
99152	1.520	1.526	0.438	0.563	1.859	1.016	99240	2.374	2.380	0.526	0.683	2.750	1.375
99153	1.569	1.575	0.390	0.509	1.850	1.000	99241	2.359	2.365	0.370	0.449	2.783	1.472
99155	1.549	1.555	0.438	0.563	1.859	1.000	99242	2.435	2.441	0.500	0.626	2.827	1.417
99156	1.559	1.565	0.563	0.688	1.859	1.000	99243	2.434	2.440	0.781	0.938	2.828	1.375
99157	1.572	1.578	0.512	0.630	1.850	1.023	99244	2.434	2.441	0.500	0.625	2.828	1.425
99159	1.566	1.572	0.625	0.750	1.859	1.016	99248	2.500	2.506	0.500	0.656	2.828	1.375

NUMERIC SECTION

**Numerical List Size & Type**

**REDI-SLEEVES**

Part No.	Shaft Range		Width on Shaft	Overall Width	Flanged O.D.	Install. Depth	Part No.	Shaft Range		Width on Shaft	Overall Width	Flanged O.D.	Install. Depth
	Min	Max						Min	Max				
99249	2.489	2.495	0.781	0.938	2.875	1.393	99351	3.540	3.546	0.710	0.906	4.000	1.813
99250	2.500	2.506	0.781	0.938	2.828	1.375	99352	3.540	3.546	0.438	0.538	4.000	1.813
99251	2.510	2.516	0.781	0.906	2.828	1.438	99353	3.540	3.546	0.528	0.665	4.000	1.732
99253	2.497	2.503	0.555	0.650	2.820	0.890	99354	3.540	3.546	0.906	1.102	4.000	1.750
99254	2.556	2.562	0.787	0.905	2.850	1.378	99356	3.560	3.566	0.813	1.000	3.900	1.750
99256	2.560	2.566	0.781	0.938	2.891	1.375	99359	3.685	3.691	0.813	0.938	4.025	1.750
99259	2.595	2.602	0.781	0.938	2.990	1.250	99360	3.618	3.624	0.811	1.000	4.031	1.732
99260	2.622	2.628	0.500	0.625	3.047	1.375	99362	3.623	3.629	0.813	1.000	4.031	1.750
99261	2.618	2.624	0.781	0.938	3.047	1.375	99363	3.623	3.629	0.500	0.625	4.025	1.750
99262	2.625	2.631	0.781	0.938	3.047	1.375	99364	3.740	3.746	0.469	0.594	4.035	1.750
99264	2.621	2.627	0.781	0.906	3.047	1.375	99365	3.685	3.691	0.813	0.938	4.025	1.750
99266	2.670	2.677	0.750	0.875	3.125	1.688	99366	3.727	3.733	0.781	0.906	4.025	1.800
99267	2.747	2.753	1.438	1.625	3.075	1.625	99367	3.750	3.756	0.344	0.500	4.031	1.750
99269	2.750	2.756	1.125	1.250	3.125	1.250	99368	3.684	3.690	0.313	0.438	3.830	0.875
99272	2.750	2.756	0.406	0.563	3.125	1.250	99369	3.737	3.743	0.827	0.945	4.025	1.750
99273	2.740	2.746	0.781	0.938	3.065	1.250	99372	3.750	3.756	0.688	0.875	4.031	1.875
99274	2.745	2.751	0.781	0.938	3.125	1.250	99374	3.740	3.746	0.344	0.500	4.031	1.750
99275	2.750	2.756	0.781	0.938	3.125	1.250	99376	3.746	3.752	0.563	0.688	4.025	1.750
99276	2.753	2.759	0.787	0.945	3.125	1.250	99386	3.868	3.874	0.813	1.000	4.185	1.875
99281	2.809	2.815	0.594	0.688	3.188	1.250	99387	3.873	3.879	0.813	1.000	4.219	1.875
99282	2.838	2.844	0.500	0.656	3.225	1.250	99393	3.935	3.941	0.813	1.000	4.313	1.340
99284	2.828	2.835	0.750	0.875	3.225	1.343	99395	3.998	4.006	0.600	0.725	101.600	2.050
99286	2.866	2.872	0.781	0.938	3.188	1.250	99399	3.998	4.006	0.813	1.000	4.375	1.250
99287	2.873	2.879	0.781	0.938	3.219	1.250	99400	3.998	4.006	0.650	0.775	4.375	1.375
99289	2.950	2.956	0.594	0.689	3.272	1.102	99401	3.998	4.006	0.500	0.625	4.375	2.066
99290	2.937	2.943	0.500	0.641	3.344	1.331	99409	4.090	4.098	0.787	0.945	4.438	1.417
99291	2.990	2.996	0.484	0.625	3.359	1.331	99412	4.122	4.130	0.813	1.000	4.420	1.375
99293	2.937	2.943	0.781	0.938	3.344	1.250	99413	4.130	4.138	0.787	0.906	4.470	1.378
99294	2.950	2.956	0.866	1.024	3.305	1.312	99418	4.183	4.191	0.813	1.000	4.500	1.375
99296	2.997	3.003	0.813	0.938	3.240	1.375	99423	4.226	4.234	0.781	0.906	4.610	1.438
99298	2.990	2.996	0.563	0.688	3.359	1.375	99424	4.248	4.256	0.813	1.000	4.813	1.375
99299	2.990	2.996	0.813	1.000	3.359	1.250	99434	4.322	4.331	0.448	0.589	4.921	1.297
99300	3.000	3.006	0.813	1.000	3.453	1.250	99435	4.327	4.335	0.509	0.650	4.921	1.250
99303	3.000	3.006	0.625	0.813	3.345	1.063	99437	4.370	4.378	0.813	1.000	4.750	1.650
99306	3.064	3.071	0.750	0.875	3.468	2.056	99438	4.401	4.409	0.750	0.886	4.750	1.300
99307	3.124	3.132	0.551	0.709	3.525	2.031	99439	4.434	4.442	1.000	1.142	4.813	1.313
99311	3.120	3.126	0.688	0.813	3.531	2.000	99450	4.496	4.504	0.813	1.000	5.000	1.375
99312	3.120	3.126	0.813	1.000	3.531	2.000	99452	4.523	4.531	0.813	0.938	5.000	1.250
99313	3.142	3.150	0.750	0.886	3.540	1.375	99463	4.621	4.629	1.000	1.250	5.063	1.375
99315	3.146	3.153	0.827	0.945	3.543	1.375	99465	4.621	4.629	0.438	0.625	5.000	1.375
99317	3.146	3.153	0.433	0.590	3.543	1.378	99468	4.685	4.693	0.812	1.000	5.062	1.375
99322	3.247	3.253	0.813	1.000	3.594	1.375	99471	4.720	4.728	0.315	0.433	5.110	1.323
99323	3.248	3.254	0.600	0.725	3.585	1.375	99472	4.801	4.807	0.787	0.945	5.177	1.260
99324	3.250	3.256	0.595	0.719	3.594	1.375	99473	4.720	4.728	0.787	0.984	5.110	1.260
99325	3.250	3.256	0.813	1.000	3.594	1.375	99475	4.746	4.754	0.500	0.750	5.250	1.500
99326	3.250	3.256	0.688	0.875	3.585	1.250	99487	4.871	4.879	0.625	0.752	5.252	1.457
99328	3.225	3.231	0.661	0.850	3.587	1.732	99490	4.917	4.925	0.394	0.551	5.402	1.457
99331	3.307	3.313	0.813	1.000	3.688	1.375	99491	5.117	5.125	0.866	0.996	5.492	1.299
99332	3.337	3.347	0.669	0.827	3.700	1.378	99492	4.917	4.925	1.024	1.260	5.400	1.438
99333	3.337	3.346	0.827	0.984	3.700	2.007	99494	5.110	5.118	0.750	0.938	5.493	1.181
99334	3.338	3.346	1.062	1.250	3.700	2.007	99498	4.998	5.006	0.688	0.875	5.400	1.438
99337	3.373	3.379	0.813	1.000	3.688	1.375	99499	4.998	5.006	0.813	1.000	5.406	1.500
99339	3.435	3.441	0.781	0.906	3.844	1.406	99501	4.998	5.006	0.813	1.000	5.390	1.438
99340	3.477	3.483	0.781	0.906	3.835	1.406	99513	5.120	5.128	0.813	1.000	5.500	1.250
99346	3.497	3.503	0.625	0.813	3.844	1.347	99525	5.246	5.254	0.813	1.000	5.560	1.250
99347	3.500	3.506	0.315	0.500	3.827	1.339	99533	5.307	5.315	0.807	1.000	5.735	1.250
99349	3.501	3.507	0.626	0.811	3.842	1.339	99537	5.371	5.379	0.813	1.000	5.875	1.250
99350	3.500	3.506	0.813	1.000	3.844	1.375	99549	5.498	5.506	0.812	1.000	5.938	1.250

NUMERIC SECTION



## Numerical List Size & Type

## REDI-SLEEVES

Part No.	Shaft Range		Width on Shaft	Overall Width	Flanged O.D.	Install. Depth
	Min	Max				
<b>99550</b>	5.498	5.506	0.518	0.705	5.938	1.250
<b>99552</b>	5.508	5.516	0.807	1.000	5.945	1.250
<b>99560</b>	5.621	5.629	0.875	1.000	6.188	1.812
<b>99562</b>	5.726	5.734	0.563	0.750	6.100	1.938
<b>99571</b>	5.699	5.709	0.750	0.875	6.100	1.812
<b>99575</b>	5.746	5.754	0.813	1.000	6.180	1.750
<b>99587</b>	5.871	5.879	1.000	1.250	6.188	1.313
<b>99595</b>	5.895	5.905	1.024	1.181	6.260	1.338
<b>99596</b>	5.934	5.942	1.000	1.125	6.375	1.875
<b>99599</b>	5.995	6.003	1.000	1.250	6.375	1.750
<b>99601</b>	5.995	6.003	0.500	0.750	6.360	1.750
<b>99605</b>	6.058	6.068	1.024	1.181	6.375	1.299
<b>99606</b>	6.092	6.102	1.024	1.181	6.500	1.299
<b>99620</b>	6.198	6.208	0.813	1.063	6.625	1.750
<b>99625</b>	6.245	6.255	1.031	1.250	6.625	1.750
<b>99630</b>	6.289	6.299	1.000	1.250	7.000	1.800
<b>99640</b>	6.683	6.693	1.250	1.496	7.188	1.750
<b>99650</b>	6.495	6.505	1.000	1.250	7.000	1.750
<b>99675</b>	6.745	6.755	0.813	1.063	7.125	1.750
<b>99687</b>	6.880	6.890	1.102	1.260	7.362	1.378
<b>99700</b>	6.995	7.005	1.000	1.250	7.500	1.750
<b>99721</b>	7.077	7.087	1.300	1.496	7.500	1.752
<b>99725</b>	7.244	7.254	1.250	1.500	7.760	2.175
<b>99745</b>	7.444	7.454	0.813	1.000	7.860	1.250
<b>99750</b>	7.495	7.505	0.813	1.000	7.875	1.250
<b>99787</b>	7.869	7.879	1.359	1.500	8.375	1.750
<b>99800</b>	7.995	8.005	1.000	1.250	8.375	1.750
<b>99820</b>	1.375	1.381	0.512	0.630	1.638	0.813
<b>99832</b>	1.872	1.878	0.563	0.688	2.203	1.000
<b>99852</b>	3.500	3.506	0.813	1.000	3.844	1.347
<b>99854</b>	3.935	3.941	0.813	1.000	4.313	2.050

# Numerical List Size & Type

# O-RINGS

Packaged Part No.	Width	ID	OD	Mat'l	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack	Packaged Part No.	Width	ID	OD	Mat'l	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
001PKG	1/32"	1/32"	3/32"	S	5	001BULK	255	112-V35	3/32"	1/2"	11/16"	V	10	113BULK	255
002PKG	3/64"	3/64"	9/64"	S	5	002BULK	255	113PKG	3/32"	9/16"	3/4"	S	10	113BULK	255
003PKG	1/16"	1/16"	3/16"	S	10	003BULK	255	113-V35	3/32"	9/16"	3/4"	V	10	114BULK	255
004PKG	1/16"	5/64"	13/64"	S	5	004BULK	255	114PKG	3/32"	5/8"	13/16"	S	10	114BULK	255
005PKG	1/16"	3/32"	7/32"	S	5	005BULK	255	114-V35	3/32"	5/8"	13/16"	V	10	115BULK	255
006PKG	1/16"	1/8"	1/4"	S	20	006BULK	255	115PKG	3/32"	11/16"	7/8"	S	10	115BULK	255
006-V35	1/16"	1/8"	1/4"	V	20	007BULK	255	115-V35	3/32"	11/16"	7/8"	V	10	116BULK	255
007PKG	1/16"	5/32"	9/32"	S	20	007BULK	255	116PKG	3/32"	3/4"	15/16"	S	10	116BULK	255
007-V35	1/16"	5/32"	9/32"	V	20	008BULK	255	116-V35	3/32"	3/4"	15/16"	V	10	117BULK	250
008PKG	1/16"	3/16"	5/16"	S	20	008BULK	255	117PKG	3/32"	13/16"	1"	S	10	117BULK	250
008-V35	1/16"	3/16"	5/16"	V	20	009BULK	255	118PKG	3/32"	7/8"	1-1/16"	S	10	118BULK	250
009PKG	1/16"	7/32"	11/32"	S	20	009BULK	255	119PKG	3/32"	15/16"	1-1/8"	S	10	119BULK	250
009-V35	1/16"	7/32"	11/32"	V	20	010BULK	255	120PKG	3/32"	1"	1-3/16"	S	10	120BULK	250
010PKG	1/16"	1/4"	3/8"	S	20	010BULK	255	121PKG	3/32"	1-1/16"	1-1/4"	S	10	121BULK	250
010-V35	1/16"	1/4"	3/8"	V	20	011BULK	255	122PKG	3/32"	1-1/8"	1-5/16"	S	10	122BULK	250
011PKG	1/16"	5/16"	7/16"	S	20	011BULK	255	123PKG	3/32"	1-3/16"	1-3/8"	S	10	123BULK	250
011-V35	1/16"	5/16"	7/16"	V	10	012BULK	255	124PKG	3/32"	1-1/4"	1-7/16"	S	10	124BULK	250
012PKG	1/16"	3/8"	1/2"	S	20	012BULK	255	125PKG	3/32"	1-5/16"	1-1/2"	S	10	125BULK	250
012-V35	1/16"	3/8"	1/2"	V	20	013BULK	250	126PKG	3/32"	1-3/8"	1-9/16"	S	5	126BULK	250
013PKG	1/16"	7/16"	9/16"	S	10	013BULK	250	127PKG	3/32"	1-7/16"	1-5/8"	S	5	127BULK	250
014PKG	1/16"	1/2"	5/8"	S	10	014BULK	250	128PKG	3/32"	1-1/2"	1-11/16"	S	5	128BULK	250
015PKG	1/16"	9/16"	11/16"	S	10	015BULK	250	129PKG	3/32"	1-9/16"	1-3/4"	S	5	129BULK	250
016PKG	1/16"	5/8"	3/4"	S	10	016BULK	250	130PKG	3/32"	1-5/8"	1-13/16"	S	5	130BULK	100
017PKG	1/16"	11/16"	13/16"	S	10	017BULK	250	131PKG	3/32"	1-11/16"	7/8"	S	5	131BULK	100
018PKG	1/16"	3/4"	7/8"	S	10	018BULK	250	132PKG	3/32"	1-3/4"	1-15/16"	S	5	132BULK	100
019PKG	1/16"	13/16"	15/16"	S	10	019BULK	250	133PKG	3/32"	1-13/16"	2"	S	5	133BULK	100
020PKG	1/16"	7/8"	1"	S	10	020BULK	250	134PKG	3/32"	1-7/8"	2-1/16"	S	5	134BULK	100
021PKG	1/16"	15/16"	1-1/16"	S	10	021BULK	250	135PKG	3/32"	1-15/16"	2-1/8"	S	5	135BULK	100
022PKG	1/16"	1"	1-1/8"	S	10	022BULK	250	136PKG	3/32"	2"	2-3/16"	S	5	136BULK	100
023PKG	1/16"	1-1/16"	1-3/16"	S	10	023BULK	250	137PKG	3/32"	2-1/16"	2-1/4"	S	5	137BULK	100
024PKG	1/16"	1-1/8"	1-1/4"	S	10	024BULK	250	138PKG	3/32"	2-1/8"	2-5/16"	S	5	138BULK	100
025PKG	1/16"	1-3/16"	1-5/16"	S	10	025BULK	250	139PKG	3/32"	2-3/16"	2-3/8"	S	5	139BULK	100
026PKG	1/16"	1-1/4"	1-3/8"	S	10	026BULK	250	140PKG	3/32"	2-1/4"	2-7/16"	S	5	140BULK	100
027PKG	1/16"	1-5/16"	1-7/16"	S	10	027BULK	250	141PKG	3/32"	2-5/16"	2-1/2"	S	5	141BULK	100
028PKG	1/16"	1-3/8"	1-1/2"	S	10	028BULK	250	142PKG	3/32"	2-3/8"	2-9/16"	S	5	142BULK	100
029PKG	1/16"	1-1/2"	1-5/8"	S	5	029BULK	100	143PKG	3/32"	2-7/16"	2-5/8"	S	5	143BULK	100
030PKG	1/16"	1-5/8"	1-3/4"	S	5	030BULK	100	144PKG	3/32"	2-1/2"	2-11/16"	S	5	144BULK	100
031PKG	1/16"	1-3/4"	1-7/8"	S	5	031BULK	100	145PKG	3/32"	2-9/16"	2-3/4"	S	5	145BULK	100
032PKG	1/16"	1-7/8"	2"	S	5	032BULK	100	146PKG	3/32"	2-5/8"	2-13/16"	S	5	146BULK	100
033PKG	1/16"	2"	2-1/8"	S	5	033BULK	100	147PKG	3/32"	2-11/16"	2-7/8"	S	5	147BULK	100
034PKG	1/16"	2-1/8"	2-1/4"	S	5	034BULK	100	148PKG	3/32"	2-3/4"	2-15/16"	S	5	148BULK	100
035PKG	1/16"	2-1/4"	2-3/8"	S	5	035BULK	100	149PKG	3/32"	2-13/16"	3"	S	5	149BULK	100
036PKG	1/16"	2-3/8"	2-1/2"	S	5	036BULK	100	150PKG	3/32"	2-7/8"	3-1/16"	S	5	150BULK	100
037PKG	1/16"	2-1/2"	2-5/8"	S	5	037BULK	100	151PKG	3/32"	3"	3-3/16"	S	5	151BULK	100
038PKG	1/16"	2-5/8"	2-3/4"	S	5	038BULK	50	152PKG	3/32"	3-1/4"	3-7/16"	S	5	152BULK	100
039PKG	1/16"	2-3/4"	2-7/8"	S	5	039BULK	50	153PKG	3/32"	3-1/2"	3-11/16"	S	5	153BULK	100
040PKG	1/16"	2-7/8"	3"	S	5	040BULK	50	154PKG	3/32"	3-3/4"	3-15/16"	S	5	154BULK	100
041PKG	1/16"	3"	3-1/8"	S	5	041BULK	50	155PKG	3/32"	4"	4-3/16"	S	5	155BULK	50
042PKG	1/16"	3-1/4"	3-3/8"	S	5	042BULK	50	210PKG	1/8"	3/4"	1"	S	10	210BULK	250
043PKG	1/16"	3-1/2"	3-5/8"	S	5	043BULK	50	210-V35	1/8"	3/4"	1"	V	10	210BULK	250
044PKG	1/16"	3-3/4"	3-7/8"	S	5	044BULK	50	211PKG	1/8"	13/16"	1-1/16"	S	10	211BULK	250
045PKG	1/16"	4"	4-1/8"	S	5	045BULK	50	211-V35	1/8"	13/16"	1-1/16"	V	10	211BULK	250
110PKG	3/32"	3/8"	9/16"	S	20	110BULK	255	212PKG	1/8"	7/8"	1-1/8"	S	10	212BULK	250
110-V35	3/32"	3/8"	9/16"	V	20	111BULK	255	212-V35	1/8"	7/8"	1-1/8"	V	10	212BULK	250
111PKG	3/32"	7/16"	5/8"	S	20	111BULK	255	213PKG	1/8"	15/16"	1-3/16"	S	10	213BULK	250
111-V35	3/32"	7/16"	5/8"	V	20	112BULK	255	213-V35	1/8"	15/16"	1-3/16"	V	10	213BULK	250
112PKG	3/32"	1/2"	11/16"	S	20	112BULK	255	214PKG	1/8"	1"	1-1/4"	S	10	214BULK	250

NUMERIC SECTION

# Numerical List Size & Type

# O-RINGS

Packaged Part No.	Width	ID	OD	Mat'l	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack	Packaged Part No.	Width	ID	OD	Mat'l	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
214-V35	1/8"	1"	1-1/4"	V				263PKG	1/8"	7-1/4"	7-1/2"	S	5	263BULK	10
215PKG	1/8"	1-1/16"	1-5/16"	S	10	215BULK	250	264PKG	1/8"	7-1/2"	7-3/4"	S	5	264BULK	10
215-V35	1/8"	1-1/16"	1-5/16"	V				265PKG	1/8"	7-3/4"	8"	S	5	265BULK	10
216PKG	1/8"	1-1/8"	1-3/8"	S	10	216BULK	250	266PKG	1/8"	8"	8-1/4"	S	5	266BULK	10
216-V35	1/8"	1-1/8"	1-3/8"	V				267PKG	1/8"	8-1/4"	8-1/2"	S	5	267BULK	10
217PKG	1/8"	1-3/16"	1-7/16"	S	10	217BULK	250	268PKG	1/8"	8-1/2"	8-3/4"	S	5	268BULK	10
217-V35	1/8"	1-3/16"	1-7/16"	V				269PKG	1/8"	8-3/4"	9"	S	5	269BULK	10
218PKG	1/8"	1-1/4"	1-1/2"	S	10	218BULK	250	270PKG	1/8"	9"	9-1/4"	S	5	270BULK	10
218-V35	1/8"	1-1/4"	1-1/2"	V				271PKG	1/8"	9-1/4"	9-1/2"	S	5	271BULK	10
219PKG	1/8"	1-5/16"	1-9/16"	S	10	219BULK	250	272PKG	1/8"	9-1/2"	9-3/4"	S	5	272BULK	10
219-V35	1/8"	1-5/16"	1-9/16"	V				273PKG	1/8"	9-3/4"	10"	S	5	273BULK	10
220PKG	1/8"	1-3/8"	1-5/8"	S	10	220BULK	250	274PKG	1/8"	10"	10-1/4"	S	5	274BULK	10
220-V35	1/8"	1-3/8"	1-5/8"	V				325PKG	3/16"	1-1/2"	1-7/8"	S	5	325BULK	100
221PKG	1/8"	1-7/16"	1-11/16"	S	10	221BULK	250	325-V35	3/16"	1-1/2"	1-7/8"	V			
221-V35	1/8"	1-7/16"	1-11/16"	V				326PKG	3/16"	1-5/8"	2"	S	5	326BULK	100
222PKG	1/8"	1-1/2"	1-3/4"	S	10	222BULK	250	326-V35	3/16"	1-5/8"	2"	V			
222-V35	1/8"	1-1/2"	1-3/4"	V				327PKG	3/16"	1-3/4"	2-1/8"	S	5	327BULK	100
223PKG	1/8"	1-5/8"	1-7/8"	S	10	223BULK	250	327-V35	3/16"	1-3/4"	2-1/8"	V			
224PKG	1/8"	1-3/4"	2"	S	10	224BULK	250	328PKG	3/16"	1-7/8"	2-1/4"	S	5	328BULK	100
225PKG	1/8"	1-7/8"	2-1/8"	S	10	225BULK	250	329PKG	3/16"	2"	2-3/8"	S	5	329BULK	100
226PKG	1/8"	2"	2-1/4"	S	10	226BULK	250	330PKG	3/16"	2-1/8"	2-1/2"	S	5	330BULK	100
227PKG	1/8"	2-1/8"	2-3/8"	S	10	227BULK	250	331PKG	3/16"	2-1/4"	2-5/8"	S	5	331BULK	100
228PKG	1/8"	2-1/4"	2-1/2"	S	10	228BULK	250	332PKG	3/16"	2-3/8"	2-3/4"	S	5	332BULK	100
229PKG	1/8"	2-3/8"	2-5/8"	S	10	229BULK	250	333PKG	3/16"	2-1/2"	2-7/8"	S	5	333BULK	100
230PKG	1/8"	2-1/2"	2-3/4"	S	10	230BULK	250	334PKG	3/16"	2-5/8"	3"	S	5	334BULK	100
231PKG	1/8"	2-5/8"	2-7/8"	S	10	231BULK	250	335PKG	3/16"	2-3/4"	3-1/8"	S	5	335BULK	100
232PKG	1/8"	2-3/4"	3"	S	10	232BULK	250	336PKG	3/16"	2-7/8"	3-1/4"	S	5	336BULK	100
233PKG	1/8"	2-7/8"	3-1/8"	S	10	233BULK	250	337PKG	3/16"	3"	3-3/8"	S	5	337BULK	50
234PKG	1/8"	3"	3-1/4"	S	10	234BULK	250	338PKG	3/16"	3-1/8"	3-1/2"	S	5	338BULK	50
235PKG	1/8"	3-1/8"	3-3/8"	S	10	235BULK	250	339PKG	3/16"	3-1/4"	3-5/8"	S	5	339BULK	50
236PKG	1/8"	3-1/4"	3-1/2"	S	10	236BULK	100	340PKG	3/16"	3-3/8"	3-3/4"	S	5	340BULK	50
237PKG	1/8"	3-3/8"	3-5/8"	S	10	237BULK	100	341PKG	3/16"	3-1/2"	3-7/8"	S	5	341BULK	50
238PKG	1/8"	3-1/2"	3-3/4"	S	10	238BULK	100	342PKG	3/16"	3-5/8"	4"	S	5	342BULK	50
239PKG	1/8"	3-5/8"	3-7/8"	S	10	239BULK	100	343PKG	3/16"	3-3/4"	4-1/8"	S	5	343BULK	50
240PKG	1/8"	3-3/4"	4"	S	10	240BULK	100	344PKG	3/16"	3-7/8"	4-1/4"	S	5	344BULK	50
241PKG	1/8"	3-7/8"	4-1/8"	S	10	241BULK	100	345PKG	3/16"	4"	4-3/8"	S	5	345BULK	50
242PKG	1/8"	4"	4-1/4"	S	10	242BULK	100	346PKG	3/16"	4-1/8"	4-1/2"	S	5	346BULK	50
243PKG	1/8"	4-1/8"	4-3/8"	S	10	243BULK	100	347PKG	3/16"	4-1/4"	4-5/8"	S	5	347BULK	50
244PKG	1/8"	4-1/4"	4-1/2"	S	10	244BULK	100	348PKG	3/16"	4-3/8"	4-3/4"	S	2	348BULK	50
245PKG	1/8"	4-3/8"	4-5/8"	S	10	245BULK	100	349PKG	3/16"	4-1/2"	4-7/8"	S	2	349BULK	50
246PKG	1/8"	4-1/2"	4-3/4"	S	5	246BULK	100	357PKG	3/16"	5-1/2"	5-7/8"	S	2	357BULK	10
247PKG	1/8"	4-5/8"	4-7/8"	S	5	247BULK	100	375PKG	"	"	"		1		
248PKG	1/8"	4-3/4"	5"	S	5	248BULK	50	425PKG	1/4"	4-1/2"	5"	S	2	425BULK	25
249PKG	1/8"	4-7/8"	5-1/8"	S	5	249BULK	50	426PKG	1/4"	4-5/8"	5-1/8"	S	2	426BULK	25
250PKG	1/8"	5"	5-1/4"	S	5	250BULK	50	427PKG	1/4"	4-3/4"	5-1/4"	S	2	427BULK	25
251PKG	1/8"	5-1/8"	5-3/8"	S	5	251BULK	50	428PKG	1/4"	4-7/8"	5-3/8"	S	2	428BULK	25
252PKG	1/8"	5-1/4"	5-1/2"	S	5	252BULK	50	429PKG	1/4"	5"	5-1/2"	S	2	429BULK	25
253PKG	1/8"	5-3/8"	5-5/8"	S	5	253BULK	50	430PKG	1/4"	5-1/8"	5-5/8"	S	2	430BULK	25
254PKG	1/8"	5-1/2"	5-3/4"	S	5	254BULK	50	431PKG	1/4"	5-1/4"	5-3/4"	S	2	431BULK	25
255PKG	1/8"	5-5/8"	5-7/8"	S	5	255BULK	50	432PKG	1/4"	5-3/8"	5-7/8"	S	2	432BULK	25
256PKG	1/8"	5-3/4"	6"	S	5	256BULK	50	433PKG	1/4"	5-1/2"	6"	S	2	433BULK	25
257PKG	1/8"	5-7/8"	6-1/8"	S	5	257BULK	10	434PKG	1/4"	5-5/8"	6-1/8"	S	2	434BULK	10
258PKG	1/8"	6"	6-1/4"	S	5	258BULK	10	435PKG	1/4"	5-3/4"	6-1/4"	S	2	435BULK	10
259PKG	1/8"	6-1/4"	6-1/2"	S	5	259BULK	10	436PKG	1/4"	5-7/8"	6-3/8"	S	2	436BULK	10
260PKG	1/8"	6-1/2"	6-3/4"	S	5	260BULK	10	437PKG	1/4"	6"	6-1/2"	S	2	437BULK	10
261PKG	1/8"	6-3/4"	7"	S	5	261BULK	10	438PKG	1/4"	6-1/4"	6-3/4"	S	2	438BULK	10
262PKG	1/8"	7"	7-1/4"	S	5	262BULK	10	439PKG	1/4"	6-1/2"	7"	S	2	439BULK	10

NUMERIC SECTION

# Numerical List Size & Type

# O-RINGS

Packaged Part No.	Width	ID	OD	Mat'l	Std. Unit Pack	Bulk Part No.	Bulk Unit Pack
440PKG	1/4"	6-3/4"	7-1/4"	S	2	440BULK	10
441PKG	1/4"	7"	7-1/2"	S	2	441BULK	10
442PKG	1/4"	7-1/4"	7-3/4"	S	2	442BULK	10
443PKG	1/4"	7-1/2"	8"	S	2	443BULK	10
444PKG	1/4"	7-3/4"	8-1/4"	S	2	444BULK	10
445PKG	1/4"	8"	8-1/2"	S	2	445BULK	10
446PKG	1/4"	8-1/2"	9"	S	2	446BULK	10
447PKG	1/4"	9"	9-1/2"	S	2	447BULK	10
448PKG	1/4"	9-1/2"	10"	S	2	448BULK	10
449PKG	1/4"	10"	10-1/2"	S	1	449BULK	10
450PKG	1/4"	10-1/2"	11"	S	1	450BULK	10
451PKG	1/4"	11"	11-1/2"	S	1	451BULK	10
452PKG	1/4"	11-1/2"	12"	S	1	452BULK	10
453PKG	1/4"	12"	12-1/2"	S	1	453BULK	10
454PKG	1/4"	12-1/2"	13"	S	1	454BULK	10
455PKG	1/4"	13"	13-1/2"	S	1	455BULK	10
456PKG	1/4"	13-1/2"	14"	S	1	456BULK	10
457PKG	1/4"	14"	14-1/2"	S	1	457BULK	10
458PKG	1/4"	14-1/2"	15"	S	1	458BULK	10
459PKG	1/4"	15"	15-1/2"	S	1	459BULK	10
460PKG	1/4"	15-1/2"	16"	S	1	460BULK	10
6003020	2,00	3,00	7,00	S	5		
6004020	2,00	4,00	8,00	S	5		
6005020	2,00	5,00	9,00	S	5		
6006020	2,00	6,00	10,00	S	5		
6007020	2,00	7,00	11,00	S	5		
6008020	2,00	8,00	12,00	S	5		
6010020	2,00	10,00	14,00	S	5		
6010025	2,50	3,00	15,00	S	5		
6011025	2,50	4,00	16,00	S	5		
6012025	2,50	5,00	17,00	S	5		
6014025	2,50	6,00	19,00	S	5		
6016025	2,50	7,00	21,00	S	5		
6017025	2,50	8,00	22,00	S	5		
6019025	2,50	10,00	24,00	S	5		
6019030	3,00	19,00	25,00	S	5		
6020030	3,00	20,00	26,00	S	5		
6022030	3,00	22,00	28,00	S	5		
6024030	3,00	24,00	30,00	S	5		
6025030	3,00	25,00	31,00	S	5		
6027030	3,00	27,00	33,00	S	5		
6028030	3,00	28,00	34,00	S	5		
6030030	3,00	30,00	36,00	S	5		
6032030	3,00	32,00	38,00	S	5		
6033030	3,00	33,00	39,00	S	5		
6035030	3,00	35,00	41,00	S	5		
6036030	3,00	36,00	42,00	S	5		
6038030	3,00	38,00	44,00	S	5		
6038040	4,00	38,00	46,00	S	5		
6041040	4,00	41,00	49,00	S	5		
6044040	4,00	44,00	52,00	S	5		

NUMERIC SECTION

**OK 311**

*Designed for emergency maintenance, this kit reduces downtime to a minimum by providing quick and easy selection of the proper replacement O-rings. O-rings in this kit are all nitrile (BUNA-N) rubber and in popular inch dimensions from 1/4" O.D. to 2 1/8" O.D. in thirty sizes*

Kit Part	I.D.	O.D.	Width	Pcs.	Refill
006	1/8"	1/4"	1/16"	20	006PKG
007	5/32"	9/32"	1/16"	20	007PKG
008	3/16"	5/16"	1/16"	20	008PKG
009	7/32"	11/32"	1/16"	20	009PKG
010	1/4"	3/8"	1/16"	20	010PKG
011	5/16"	7/16"	1/16"	20	011PKG
012	3/8"	1/2"	1/16"	20	012PKG
110	3/8"	9/16"	3/32"	13	110PKG
111	7/16"	5/8"	3/32"	13	111PKG
112	1/2"	11/16"	3/32"	13	112PKG
113	9/16"	3/4"	3/32"	13	113PKG
114	5/8"	13/16"	3/32"	13	114PKG
115	11/16"	7/8"	3/32"	13	115PKG
116	3/4"	15/16"	3/32"	13	116PKG
210	3/4"	1"	1/8"	10	210PKG
211	13/16"	1 1/16"	1/8"	10	211PKG
212	7/8"	1 1/8"	1/8"	10	212PKG
213	15/16"	1 3/16"	1/8"	10	213PKG
214	1"	1 1/4"	1/8"	10	214PKG
215	1 1/16"	1 5/16"	1/8"	10	215PKG
216	1 1/8"	1 3/8"	1/8"	10	216PKG
217	1 3/16"	1 7/16"	1/8"	10	217PKG
218	1 1/4"	1 1/2"	1/8"	10	218PKG
219	1 5/16"	1 9/16"	1/8"	10	219PKG
220	1 3/8"	1 5/8"	1/8"	10	220PKG
221	1 7/16"	1 11/16"	1/8"	10	221PKG
222	1 1/2"	1 3/4"	1/8"	10	222PKG
325	1 1/2"	1 7/8"	3/16"	7	325PKG
326	1 5/8"	2"	3/16"	7	326PKG
327	1 3/4"	2 1/8"	3/16"	7	327PKG

**OK 312**

*For metric applications, you will never have to guess which O-rings to use again. The OK-312 metric O-ring kit gives you 30 sizes of metric O-rings, from 7mm O.D. to 52mm O.D., made from nitrile rubber. This kit allows you to have the correct O-ring for your metric application*

Kit Part	I.D.	O.D.	Width	Pcs.	Refill
6003020	3 mm	7 mm	2 mm	16	6003020
6004020	4 mm	8 mm	2 mm	16	6004020
6005020	5 mm	9 mm	2 mm	16	6005020
6006020	6 mm	10 mm	2 mm	16	6006020
6007020	7 mm	11 mm	2 mm	16	6007020
6008020	8 mm	12 mm	2 mm	16	6008020
6010020	10 mm	14 mm	2 mm	16	6010020
6010025	10 mm	15 mm	2.5 mm	13	6010025
6011025	11 mm	16 mm	2.5 mm	13	6011025
6012025	12 mm	17 mm	2.5 mm	13	6012025
6014025	14 mm	19 mm	2.5 mm	13	6014025
6016025	16 mm	21 mm	2.5 mm	13	6016025
6017025	17 mm	22 mm	2.5 mm	13	6017025
6019025	19 mm	24 mm	2.5 mm	13	6019025
6019030	19 mm	25 mm	3 mm	12	6019030
6020030	20 mm	26 mm	3 mm	12	6020030
6022030	22 mm	28 mm	3 mm	12	6022030
6024030	24 mm	30 mm	3 mm	12	6024030
6025030	25 mm	31 mm	3 mm	12	6025030
6027030	27 mm	33 mm	3 mm	12	6027030
6028030	28 mm	34 mm	3 mm	12	6028030
6030030	30 mm	36 mm	3 mm	12	6030030
6032030	32 mm	38 mm	3 mm	12	6032030
6033030	33 mm	39 mm	3 mm	12	6033030
6035030	35 mm	41 mm	3 mm	12	6035030
6036030	36 mm	42 mm	3 mm	12	6036030
6038030	38 mm	44 mm	3 mm	11	6038030
6038040	38 mm	46 mm	4 mm	9	6038040
6041040	41 mm	49 mm	4 mm	9	6041040
6044040	44 mm	52 mm	4 mm	9	6044040

**OK 411**

*Designed for use in higher temperatures or particularly punishing applications, the O-rings in this kit are made from a super-durable fluoroelastomer. The kit provides O-rings in 30 popular sizes, in inch dimensions from 1/4" O.D. to 2 1/8" O.D.*

Kit Part	I.D.	O.D.	Width	Pcs.	Refill
006V35	1/8"	1/4"	1/16"	10	006V35
007V35	5/32"	9/32"	1/16"	10	007V35
008V35	3/16"	5/16"	1/16"	10	008V35
009V35	7/32"	11/32"	1/16"	10	009V35
010V35	1/4"	3/8"	1/16"	10	010V35
011V35	5/16"	7/16"	1/16"	10	011V35
012V35	3/8"	1/2"	1/16"	10	012V35
110V35	3/8"	9/16"	3/32"	10	110V35
111V35	7/16"	5/8"	3/32"	10	111V35
112V35	1/2"	11/16"	3/32"	10	112V35
113V35	9/16"	3/4"	3/32"	10	113V35
114V35	5/8"	13/16"	3/32"	10	114V35
115V35	11/16"	7/8"	3/32"	5	115V35
116V35	3/4"	15/16"	3/32"	5	116V35
210V35	3/4"	1"	1/8"	5	210V35
211V35	13/16"	1 1/16"	1/8"	5	211V35
212V35	7/8"	1 1/8"	1/8"	5	212V35
213V35	15/16"	1 3/16"	1/8"	5	213V35
214V35	1"	1 1/4"	1/8"	5	214V35
215V35	1 1/16"	1 5/16"	1/8"	5	215V35
216V35	1 1/8"	1 3/8"	1/8"	2	216V35
217V35	1 3/16"	1 7/16"	1/8"	2	217V35
218V35	1 1/4"	1 1/2"	1/8"	2	218V35
219V35	1 5/16"	1 9/16"	1/8"	2	219V35
220V35	1 3/8"	1 5/8"	1/8"	2	220V35
221V35	1 7/16"	1 11/16"	1/8"	2	221V35
222V35	1 1/2"	1 3/4"	1/8"	2	222V35
325V35	1 1/2"	1 7/8"	3/16"	2	325V35
326V35	1 5/8"	2"	3/16"	2	326V35
327V35	1 3/4"	2 1/8"	3/16"	2	327V35

# COMPETITIVE INTERCHANGES

<b>Mfr Abbrev</b>	<b>Mfr</b>	<b>Mfr Abbrev</b>	<b>Mfr</b>	<b>Mfr Abbrev</b>	<b>Mfr</b>
AA&M	AAM	BR-ST	Briggs & Stratton	CR-CF	Chris-Craft Marine
AAMCO	AAMCO	BR-WN	Braden Wnch	CROSL	Crosley
ACDEL	A/C Delco	BRAD	David Bradley Mfg. W	CROSS	Cross Co.
ACF	ACF Ind.(Carter Carb	BRADF	Brad Foote Gear Work	CROWN	Crown Coach
ACURA	Acura	BRCWY	Brockway	CTD	Canadian Tool & Die
ADAMS	Adams	BREDA	Breda	CUMMI	Cummins
AIRCO	Aircooled Motors	BRWNG	Browning Mfg.	CURTS	Curtis Machine
AJUSA	Ajusa	BTM	Bantam	CUSH	Cushman
AL-KO	AL-KO Kober	BU-SP	Buff Springfld Roll	CYCLO	Cycloblower Co.
ALFAR	Alfa Romeo	BUC-E	Bucyrus-Erie	DAEWO	Daewoo
ALLCH	Allis-Chalmers	BUDD	Budd Co.	DAF	DAF
ALLIS	Allison	BUSHH	Bush Hog	DAIHA	Daihatsu
ALOY	Alloy Mfg.	BUTBN	Butler Bin	DALMO	Dalmo Victor
ALTFO	Alten Fndry & Mach	BWP	BWP	DANA	Dana
AM BO	American Bosch	C-P	Chicago Pneumatic	DANMA	Danuser Machine Work
AM BR	American Brake Shoe	C-R	Chicago Rawhide	DAVEY	Davey Compressor
AM CA	American Can Co.	C-W	Curtiss-Wright	DAVIS	Davis Mfg. Co.
AM CH	American Chain	CABOT	Cabot Shops Inc.	DCORP	Dyna Co.
AM HO	Amer Hoist & Derrick	CALI	California Pellet	DE-AL	Deutz-Allis
AM MA	American Marietta Co	CALSO	E L Caldwell & Sons	DEMPC	Dempster Pumps Co.
AM WH	American Wheelabrato	CANAD	Canadian Car & Found	DENCO	Dennis Co
AMC	AMC	CARDX	Cardox Co.	DETRO	Detroit Diesel
AMGEN	AM General	CARVR	Carver Pump Co.	DEVIL	Devilbliss Co.
ARMCO	Armco Steel	CASE	Case	DEXTE	Dexter Axle
AS568	SAE Size Standard	CATER	Caterpillar	DEXTR	Dexter Axle Co.
ASTON	Aston Martin	CEMAC	Cemac Vacuum	DGASK	Detroit Gasket
AT IM	Atlas Imperial Diese	CENTC	Centric Parts	DIA	Diamond-T
AT SU	Atlas Supply	CEW	CEW	DICO	Dico
AT-PL	Athens Plow	CH MA	Charles Machine Work	DISOG	Disogrin
ATHEY	Athey Products	CHALL	Challenge Cook	DIVCO	Divco
ATLAS	Atlas Mfg. Co.	CHAMP	Champion Carrier	DODGE	Dodge
ATP	ATP	CHECK	Checker	DODM	Dodge Mfg.
AU-LI	Auto Lite	CHEK	Chelsea	DOMGA	Dominion Gasket
AU-WS	Austin-Western	CHERY	Cherry Burrell Co.	DOMIN	Dominion Road Machin
AUBUR	Auburn	CHRYL	Chrysler	DRESS	Dresser Industry
AUDI	Audi	CINMI	Cinn Milling Mach	DRMAN	Dorman
AUTOB	Autobianchi	CITRO	Citroen	DTCOM	DT Components
AUTSP	Auto Specialties	CLARK	Clark	DURA	Dura
AVANT	Avanti	CLAYE	Clay Equipment	EARTH	Earthmaster
AVCO	Avco	CLAYN	Clayton Mfg. Co.	EATON	Eaton
B-L-H	Baldwin-Lima-Hamilto	CLEVI	MAHLE-Clevite Engine	EBARR	e-Barrier
BADGE	Badger Northland	CLIMX	Climax	EBERH	Eberhardt Denver
BARRE	Barrentine Mfg.	CLIN	Clinton Engines	EIMCO	Eimco
BARTL	Bartell	CLOYE	Cloyes Gear	EL-MO	Electric Motors
BAT	BATCO	CLSON	Clarkson (National M	EL-PA	Elwell-Parker
BCABG	BCA Bearings	CLSTL	Cleveland Steel Prod	EL-WH	Electric Wheel
BE-	Bruss Espana (F.M. E	COC	Cockshutt	ELGIN	Elgin
BE-AR	Beck/Arnley	COFAP	Cofap	ELRNG	Elring
BEDFO	Bedford	COLLS	Collins Radio Co.	EMRSN	Emerson Electric
BEHLN	Behlen Mfg. Co.	CONCA	Continental Can Co.	EMSCO	Emsco Corp
BENDI	Bendix-Westinghouse	COND	Consolidated Diesel	ESSIC	Essick Mfg. Co.
BENTL	Bentley	CONDC	Condec Co.	EUCLD	Euclid
BGA	BGAutomotive	CONE	Cone Drive Gears	EUROS	Eurospares
BL-KN	Blaw Knox	CONME	ConMet	EVERS	Eversman Mfg. Co.
BLUE	John Blue Co.	CONSL	Consolidated Bearing	F-R-H	Fate-Roote-Heath
BMW	BMW	CONST	Const Machy Sales Co	FABCO	Fabco
BORGW	BorgWarner	CONTI	Continental	FAFNI	Fafnir Bearing
BOSS	Boss Seals	COOK	Cook Brothers Equipm	FAIRB	Fairbanks-Morse
BOSTN	Boston Gear	CORTE	Corteco	FAIRM	Fairmont Railway Mot
BOWEN	Bowen Mc Laughlin	COTTA	Cotta Transmission	FALKC	Falk Corp



# COMPETITIVE INTERCHANGES

Mfr Abbrev	Mfr	Mfr Abbrev	Mfr	Mfr Abbrev	Mfr
<i>FAWIC</i>	Fawick Airflex Co	<i>HEIL</i>	Heil	<i>LANCA</i>	Lancia
<i>FBG</i>	Febi Bilstein GMBH &	<i>HENDR</i>	Hendrickson	<i>LAU</i>	Lauson (OEM)
<i>FED</i>	Federal	<i>HENRY</i>	Henry Mfg	<i>LAVIN</i>	Lavine Gear Co
<i>FI-AL</i>	Fiat Allis	<i>HERCU</i>	Hercules	<i>LAVOI</i>	Lavoie Laboratories
<i>FI-CO</i>	Filper Co.	<i>HESST</i>	Hesston	<i>LAWN</i>	Lawn Boy
<i>FIAT</i>	Fiat	<i>HI-EQ</i>	Highway Equipment	<i>LAZOR</i>	Lazorlite
<i>FIRES</i>	Firestone	<i>HINO</i>	Hino	<i>LEECE</i>	Leece Neville Co
<i>FITZ</i>	Fitzgerald	<i>HK-SY</i>	Hawker-siddeley	<i>LEMCO</i>	Lempco
<i>FLXIB</i>	Flxible	<i>HOLT</i>	Holt Mfg	<i>LEROI</i>	Leroi
<i>FMC</i>	FMC Copr	<i>HONDA</i>	Honda	<i>LETN</i>	Le Tourneau-Westingh
<i>FME</i>	Federal-Mogul (De Es	<i>HOUGH</i>	Hough	<i>LEYLA</i>	Leyland
<i>FMS</i>	FM Superseded Number	<i>HR-DV</i>	Harley-davidson	<i>LEYLD</i>	British Leylands
<i>FOOTE</i>	Foote Brothers Gear	<i>HU-WR</i>	Huber-warco	<i>LF-PT</i>	Lift Parts Mfg Inc
<i>FORBE</i>	Ford Europe	<i>HUB-C</i>	Hub City Iron	<i>LIGET</i>	Ligget Spring Axle
<i>FORD</i>	Ford	<i>HUGKE</i>	Hughes-keenan	<i>LILIS</i>	Lilliston
<i>FORSH</i>	Forsheda	<i>HUME</i>	Hume Hd Co	<i>LIMA</i>	Lima Electric Mtrs
<i>FPDSL</i>	FP Diesel (Competito	<i>HWY</i>	Hi-way Trailers	<i>LK-BT</i>	Link Belt
<i>FR-HT</i>	French & Hecht	<i>HYST</i>	Hyster	<i>LOKWD</i>	Lockwood Div
<i>FREIG</i>	Freightliner	<i>HYUND</i>	Hyundai	<i>LONG</i>	Long
<i>FRKLN</i>	Franklin Equipment	<i>IAPCO</i>	lapco	<i>LUF</i>	Lufkin Industries
<i>FRUEH</i>	Fruehauf	<i>IDECO</i>	Ideco	<i>MA-PR</i>	Marine Products
<i>FT-WA</i>	Fort Wayne Truck Par	<i>IG-RA</i>	Ingersoll Rand	<i>MACK</i>	Mack
<i>FULLE</i>	Fuller	<i>IH</i>	International	<i>MAGAM</i>	Magna American
<i>FUNK</i>	Funk	<i>INTDE</i>	International Derric	<i>MAGNA</i>	Magna
<i>FWD</i>	FWD	<i>IPS</i>	International Parts	<i>MALL</i>	Mall
<i>GA-WO</i>	Garland Works	<i>IRON</i>	Iron Fireman Mfg Co	<i>MANT</i>	Manitowoc
<i>GABR</i>	Gabriel	<i>ISUZU</i>	Isuzu	<i>MARI</i>	Marion Shovel
<i>GACO</i>	Gaco	<i>ITM</i>	ITM	<i>MARMO</i>	Marmon
<i>GAL</i>	Galion	<i>IVECO</i>	Iveco	<i>MASER</i>	Maserati
<i>GARLK</i>	Garlock	<i>JA-HE</i>	Jack And Heintz Inc	<i>MASSE</i>	Massey-Ferguson
<i>GATES</i>	Gates Manufacturing	<i>JA-MI</i>	Jaeger Mixer	<i>MASTE</i>	Master Electric Co
<i>GE</i>	General Electric Cor	<i>JAC</i>	Jacobsen	<i>MATHR</i>	Mather
<i>GEHL</i>	Gehl	<i>JAE</i>	Jaeger	<i>MAZDA</i>	Mazda
<i>GEM</i>	Gemmer	<i>JAGUA</i>	Jaguar	<i>MC-CL</i>	Mc Culloch
<i>GERL</i>	Gerlinger	<i>JEEP</i>	Jeep	<i>MC-NO</i>	McQuay-Norris
<i>GETRA</i>	Getrag	<i>JEFF</i>	Jeffrey	<i>MCCOR</i>	Mc Cord
<i>GIB</i>	Gibson	<i>JN-MN</i>	Johns-Manville	<i>MCKIN</i>	Mckinnon Ind
<i>GILSN</i>	Gilson Brothers	<i>JNSON</i>	Johnson Mfg Co	<i>MECH</i>	Mechanex
<i>GKN</i>	GKN	<i>JOHND</i>	John Deere	<i>MERCE</i>	Mercedes-Benz
<i>GLASE</i>	Glaser	<i>JOY</i>	Joy	<i>MERCM</i>	Mercury Marine
<i>GMC</i>	GMC	<i>JPAT</i>	JP (Automatic Transm	<i>MERIX</i>	Meritor
<i>GN-TI</i>	General Tire	<i>KELSE</i>	Kelsey-Hayes	<i>MESC</i>	Mesaco
<i>GO-TI</i>	Goodyear Tire	<i>KEN</i>	Kenworth	<i>MG</i>	MG
<i>GOETZ</i>	Goetz	<i>KERSH</i>	Kershaw	<i>MICH</i>	Michigan (see Clark)
<i>GOODM</i>	Goodman	<i>KEWNE</i>	Kewanee Machine	<i>MID</i>	Midland Co
<i>GR-DV</i>	Gardner Denver	<i>KIA</i>	Kia	<i>MID-R</i>	Midland-Ross
<i>GR-RP</i>	Gorman Rupp	<i>KINGN</i>	Kingston Products Co	<i>MIDAS</i>	Midas
<i>GRAM</i>	Graham	<i>KINNR</i>	Kinner Motors	<i>MIHLE</i>	Miehle
<i>GRAY</i>	Gray Marine	<i>KNICK</i>	Knicker Bocker Co	<i>MINMA</i>	Minister Machine Co
<i>GREEN</i>	Green Ball Bearing	<i>KOEH</i>	Koehring	<i>MINNM</i>	Minneapolis-Moline
<i>GROVE</i>	Grove	<i>KOHL</i>	Kohler OEM	<i>MISSI</i>	Mission Mfg Co
<i>GUARA</i>	Guaranteed	<i>KOMAT</i>	Komatsu	<i>MITSU</i>	Mitsubishi
<i>GUY</i>	Guy	<i>KP</i>	K. P. Gasket	<i>MIX</i>	Mixing Equipment
<i>GWI</i>	Gar Wood Industries	<i>KRSE</i>	Krause Plow	<i>MIXMO</i>	Mixermobile Mfg Co
<i>H-S</i>	Hall-Scott	<i>KY-CL</i>	Korody-Colyer	<i>MO-CH</i>	Morse Chain
<i>HARN</i>	Harnischfeger Corp	<i>L&amp;N</i>	Leeds & Northrup	<i>MO-CR</i>	Motor Craft
<i>HARRI</i>	Harris Mfg Co	<i>L&amp;S</i>	L & S Bearing	<i>MOHWK</i>	Mohawk Mfg
<i>HART</i>	Hart Carter Co	<i>LABEQ</i>	Laboratory Equipment	<i>MOPAR</i>	Mopar
<i>HARWA</i>	Harwall	<i>LADA</i>	Lada	<i>MOTO</i>	Moto Power
<i>HAYES</i>	Hayes	<i>LAMBO</i>	Lamborghini	<i>MOTOR</i>	Motorcraft



# COMPETITIVE INTERCHANGES

<b>Mfr Abbrev</b>	<b>Mfr</b>	<b>Mfr Abbrev</b>	<b>Mfr</b>	<b>Mfr Abbrev</b>	<b>Mfr</b>
<i>MTR-C</i>	Motor Coach Ind	<i>REX</i>	Rex Chain Belt Co.	<i>TRACS</i>	Trackless Tank Co.
<i>MURPH</i>	Murphy Diesel	<i>ROCKW</i>	Rockwell	<i>TRANG</i>	Transmission And Gea
<i>MURRA</i>	Murray Corporation (	<i>ROLLS</i>	Rolls-Royce	<i>TRANS</i>	Transtec
<i>MUSAS</i>	Musashi	<i>ROOTE</i>	Rootes	<i>TRASR</i>	Transtar
<i>MWKEL</i>	M W Kellogg Co	<i>ROSS</i>	Ross Gear	<i>TREME</i>	Tremec
<i>MYERS</i>	Myers Sherman	<i>ROTO</i>	Rototiller	<i>TRISL</i>	TriSeal
<i>NAK</i>	Nakata S.a. Industri	<i>ROVER</i>	Rover	<i>TRMBL</i>	Trailmobile
<i>NAPCO</i>	Napco	<i>SAAB</i>	Saab	<i>TROS</i>	Trostel
<i>NAPD</i>	N.A.P.D.	<i>SABO</i>	Sabo Oil Seals Of Br	<i>TRSCM</i>	Transcom Oil Seals
<i>NATAU</i>	National Automatic T	<i>SANDV</i>	Sandvik	<i>TRUK</i>	Truckstell
<i>NATEN</i>	National Engineering	<i>SATUR</i>	Saturn	<i>TW-CO</i>	Twin Coach
<i>NATL</i>	National Seal Number	<i>SCAN</i>	Scania-vabis	<i>TW-DI</i>	Twin Disc
<i>NATSU</i>	National Supply Co.	<i>SCHWI</i>	Schwitzer Co.	<i>ULRIC</i>	Ulrich Products Co.
<i>NAVST</i>	Navistar	<i>SCOT</i>	Scott Atwater	<i>UNIT</i>	Unit Crane & Shovel
<i>NDEP</i>	New Departure	<i>SEALD</i>	Sealed Power	<i>UNIVE</i>	Universal
<i>NEHO</i>	New Holland	<i>SEALR</i>	Sealright Co.	<i>US-EL</i>	U.S.Electrical Motor
<i>NEWPR</i>	New Process (OEM)	<i>SEAMA</i>	Seaman Motors	<i>VAUXH</i>	Vauxhall
<i>NEWVR</i>	New Venture Gear	<i>SEAT</i>	Seat	<i>VERA</i>	Vera
<i>NISSA</i>	Nissan	<i>SELAS</i>	Selastomer	<i>VERSA</i>	Versatile
<i>NOK</i>	NOK	<i>SHEP</i>	Sheppard	<i>VIC</i>	Victor
<i>NORDG</i>	Nordberg Mfg. Co.	<i>SHOV</i>	Shovel Supply	<i>VICK</i>	Vickers
<i>NOVI</i>	Novi Equipment	<i>SIDEW</i>	Sidewinder	<i>VILA</i>	Villafane Auto Suppl
<i>NOVO</i>	Novo	<i>SIMPL</i>	Simplicity Tractor	<i>VMM</i>	VM Motori
<i>NPG</i>	New Process	<i>SIMRT</i>	Simrit	<i>VOLVO</i>	Volvo
<i>NRWST</i>	Northwest Engineerin	<i>SKF</i>	SKF	<i>VW</i>	VW
<i>O-M</i>	Outboard Marine	<i>SKIL</i>	Skilsaw	<i>W-PTS</i>	World Parts
<i>OILGR</i>	Oil Gear Co.	<i>SKODA</i>	Skoda	<i>WABCO</i>	Wabco
<i>OLIVE</i>	Oliver	<i>SNFLW</i>	Sunflower Implements	<i>WAGMA</i>	Wagner Tool & Machin
<i>ONAN</i>	Onan	<i>SOLAR</i>	Solar Division	<i>WAGNR</i>	Wagner Tractor
<i>OPEL</i>	Opel	<i>SPECI</i>	Specialty Products	<i>WALKE</i>	Walker Vehicle Co.
<i>OSHKO</i>	Oshkosh	<i>SPERY</i>	Sperry Rand	<i>WARNE</i>	Warner
<i>OTISE</i>	Otis Elevator	<i>SPICE</i>	Spicer	<i>WARNR</i>	Warner Gear
<i>OWS</i>	Oil Well Supply	<i>STAND</i>	Standard	<i>WAUKE</i>	Waukesha
<i>PAARS</i>	Paarss Automotive	<i>STAR</i>	Starline	<i>WAYNE</i>	Wayne Mfg. Co.
<i>PACIF</i>	Pacific Car & Foundr	<i>STDFG</i>	Standard Forge	<i>WEBER</i>	Weber
<i>PAI</i>	PAI	<i>STEEL</i>	Steel Products Eng.	<i>WESTR</i>	Westrac Co
<i>PARGN</i>	Paragon Gear	<i>STEM</i>	Stemco	<i>WGEAR</i>	Western Gear Co.
<i>PARK</i>	Parkersburg	<i>STERL</i>	Sterling	<i>WHELA</i>	Wheland Co.
<i>PAYEN</i>	Payen Seal	<i>STN-S</i>	Standard Steel	<i>WHITE</i>	White
<i>PEERC</i>	Peerless Production	<i>STUDE</i>	Studebaker	<i>WILLY</i>	Willys Mfg.
<i>PERFC</i>	Perfection American	<i>SUBAR</i>	Subaru	<i>WILSO</i>	Wilson Mfg. Co.
<i>PERSN</i>	Pearson Ben	<i>SUL</i>	Sullivan	<i>WILYS</i>	Willys
<i>PETTI</i>	Pettibone-Mulliken	<i>SUPER</i>	Superior Diesel	<i>WIP-L</i>	Whip-I Crank Seals
<i>PEUGE</i>	Peugeot	<i>SUZUK</i>	Suzuki	<i>WISCO</i>	Wisconsin
<i>PINER</i>	Pioneer Products	<i>TALBO</i>	Talbot	<i>WITTE</i>	Witte
<i>PORSC</i>	Porsche	<i>TAYLR</i>	Taylor Machine Works	<i>WMG</i>	W. M. G.
<i>PORTR</i>	Portable Rig Co	<i>TEKNI</i>	Tekni Craft	<i>WOODB</i>	Wood Bros
<i>PREC</i>	Precision Engine Par	<i>TEREL</i>	Terrell Machine Co.	<i>WOOL</i>	Wooldridge
<i>PREST</i>	Prestolite	<i>TERX</i>	Terex	<i>Y-T</i>	Yale & Towne
<i>PUL</i>	Pullman Co.	<i>TEXAS</i>	Texas Iron Works	<i>YARD</i>	Yardman
<i>QUINT</i>	Quinton-Hazell	<i>THEW</i>	Thew Shovel	<i>YUGO</i>	Yugo
<i>RACIN</i>	Racine Tool & Machin	<i>THIOK</i>	Thiokol Chemical	<i>YUKON</i>	Yukon Gear
<i>RCA</i>	Rca	<i>TIMKE</i>	Timken	<i>ZF</i>	ZF
<i>READY</i>	Ready Power Co.	<i>TLSMI</i>	T. L. Smith Co.		
<i>REINZ</i>	Reinz	<i>TMTR</i>	Towmotor		
<i>RELEE</i>	Relianc Electric & E	<i>TORO</i>	Toro		
<i>RENAU</i>	Renault	<i>TOWNR</i>	Towner Mfg.		
<i>REO</i>	Reo	<i>TOYOT</i>	Toyota		
<i>REPUB</i>	Republic Gear	<i>TRAC</i>	Tractomotive		
<i>REULD</i>	Reuland Electric	<i>TRACN</i>	Trackson Co.		

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A0383	CATER	473442 <sup>28</sup>	A-1205-A-1249	MERIX	2505	A-1205-B-1796	MERIX	370166A	A-1205-C-2161	HINO	370150A
A085824	FORSH	710698	A1205A-1249	ROCKW	2505	A-1205-B-1796	ROCKW	370166A	A-1205-C-2161	MERIX	370150A
A10062	CASE	415960	A-1205-A-1535	MERIX	415304	A-1205-B-1796X	MERIX	370166A <sup>29</sup>	A-1205-C-2161	ROCKW	370150A
A10062	CASE	455009	A1205A-1535	ROCKW	415304	A1205B-1796X	ROCKW	370166A <sup>29</sup>	A-1205-C-2265	MERIX	410085
A10096	CASE	472015 <sup>28</sup>	A-1205-A-157	MERIX	450066	A-1205-B-184	MERIX	470064	A-1205-C-2265	MERIX	470530
A10132A	CUSH	340930	A-1205-A-157	MERIX	473367 <sup>28</sup>	A-1205-B-184	MERIX	471821 <sup>28</sup>	A1205-C-2265	ROCKW	410085
A10260	CASE	471466 <sup>28</sup>	A1205A-157	ROCKW	450066	A1205B-184	ROCKW	470064	A1205-C-2265	ROCKW	470530
A1026J	EATON	450084 <sup>28</sup>	A1205A-157	ROCKW	473367 <sup>28</sup>	A1205B-184	ROCKW	471821 <sup>28</sup>	A-1205-C-367	MERIX	411253 <sup>28</sup>
A104255	CONCA	470219	A-1205-A-1665X	MERIX	415551	A-1205-B-1874	MERIX	417602	A-1205-C-367	MERIX	450099
A104255	CONCA	471649 <sup>28</sup>	A1205A-1665X	ROCKW	415551	A1205-B-1874	ROCKW	417602	A1205C-367	ROCKW	411253 <sup>28</sup>
A104255	CONTI	470219	A-1205-A-183	MERIX	418028	A-1205-B-1926	MERIX	100494	A1205C-367	ROCKW	450099
A104255	CONTI	471649 <sup>28</sup>	A-1205-A-183	MERIX	455137 <sup>28</sup>	A-1205-B-1926	ROCKW	100494	A-1205-C-653	MERIX	415060
A106737R91	IH	474278	A1205A-183	ROCKW	418028	A-1205-B-2082	MERIX	415090	A1205C-653	ROCKW	415060
A106737R91	IH	480356	A1205A-183	ROCKW	455137 <sup>28</sup>	A1205B-2082	ROCKW	415090	A-1205-C-757	MERIX	410312N
A109155	OLIVE	340151	A-1205-A-1925	MERIX	4874N	A-1205-B-210	MERIX	415458 <sup>28</sup>	A1205C-757	ROCKW	410312N
A109155	WHITE	340151	A-1205-A-1925	ROCKW	4874N	A-1205-B-210	MERIX	455003	A-1205-D-1018	MERIX	370178A
A11120	CASE	450291	A-1205-A-1977	MERIX	7188S	A1205B-210	ROCKW	415458 <sup>28</sup>	A1205D-1018	ROCKW	370178A
A11120	CASE	471141 <sup>28</sup>	A-1205-A-1977	ROCKW	7188S	A1205B-210	ROCKW	455003	A-1205-D-1070	MERIX	370048A
A11151	JOHND	412920 <sup>28</sup>	A-1205-A-2107	MERIX	45013S	A-1205-B-2108	MERIX	40101S	A-1205-D-1070	MERIX	370182A
A11151	JOHND	450132	A1205A-2107	ROCKW	45013S	A1205B-2108	ROCKW	40101S	A-1205-D-1070	MERIX	380048A
A1-1205-A-2731	MERIX	100557	A-1205-A-2731	MERIX	100557	A-1205-B-2264	HINO	370001A	A1205D-1070	ROCKW	370048A
A1-1205-A-2731	ROCKW	100557	A-1205-A-2731	ROCKW	100557	A-1205-B-2264	HINO	380001A	A1205D-1070	ROCKW	370182A
A1-1205-X-2728	MERIX	100494	A-1205-A-287	MERIX	473228 <sup>28</sup>	A-1205-B-2264	MERIX	370001A	A1205D-1070	ROCKW	380048A
A1-1205-X-2728	ROCKW	100494	A1205A-287	ROCKW	473228 <sup>28</sup>	A-1205-B-2264	MERIX	380001A	A-1205-D-1148	MERIX	416556 <sup>28</sup>
A1-1205-Y-2729	MERIX	100495	A-1205-A-339	MERIX	417196 <sup>28</sup>	A-1205-B-2264	ROCKW	370001A	A-1205-D-1148	MERIX	472157
A1-1205-Y-2729	ROCKW	100495	A1205A-339	ROCKW	417196 <sup>28</sup>	A-1205-B-2264	ROCKW	380001A	A1205D-1148	ROCKW	416556 <sup>28</sup>
A1-1205-Z-2730	MERIX	100263	A-1205-A-391	MERIX	416011	A-1205-B-288	MERIX	416294 <sup>28</sup>	A1205D-1148	ROCKW	472157
A1-1205-Z-2730	ROCKW	100263	A-1205-A-391	MERIX	417621 <sup>28</sup>	A1205B-288	ROCKW	416294 <sup>28</sup>	A-1205-D-160	MERIX	450076
A112603	OLIVE	470027	A1205A-391	ROCKW	416011	A-1205-B-366	MERIX	410519	A-1205-D-160	MERIX	470334 <sup>28</sup>
A112603	OLIVE	471554 <sup>28</sup>	A1205A-391	ROCKW	417621 <sup>28</sup>	A-1205-B-366	MERIX	471271 <sup>28</sup>	A1205D-160	ROCKW	450076
A11332	CASE	476470	A-1205-A-651	MERIX	452086	A1205B-366	ROCKW	410519	A1205D-160	ROCKW	470334 <sup>28</sup>
A113763	OLIVE	450444	A1205A-651	ROCKW	452086	A1205B-366	ROCKW	471271 <sup>28</sup>	A-1205-D-1850	MERIX	370037A
A113763	OLIVE	471835 <sup>28</sup>	A-1205-A-804	MERIX	410316	A-1205-B-574	MERIX	6270	A-1205-D-1850	MERIX	370338A
A11507	CASE	471267 <sup>28</sup>	A-1205-A-804	MERIX	472636 <sup>28</sup>	A1205B-574	ROCKW	6270	A1205D-1850	ROCKW	370037A
A115551	OLIVE	470059	A1205A-804	ROCKW	410316	A-1205-B-626	MERIX	410987 <sup>28</sup>	A1205D-1850	ROCKW	370338A
A115551	OLIVE	470380 <sup>28</sup>	A1205A-804	ROCKW	472636 <sup>28</sup>	A-1205-B-626	MERIX	450103	A-1205-D-1925	MERIX	415082N
A115775	OLIVE	471192	A-1205-A-937	MERIX	370037A	A1205B-626	ROCKW	410987 <sup>28</sup>	A-1205-D-1925	ROCKW	415082N
A115792	OLIVE	471765 <sup>28</sup>	A-1205-A-937	MERIX	370338A	A1205B-626	ROCKW	450103	A-1205-D-1928	MERIX	415082N
A11592	CASE	417158 <sup>28</sup>	A1205A-937	ROCKW	370037A	A-1205-B-678	MERIX	415007	A-1205-D-1928	ROCKW	415082N
A116110	OLIVE	471391 <sup>28</sup>	A1205A-937	ROCKW	370338A	A1205B-678	ROCKW	415007	A-1205-D-2032	MERIX	370212A
A11774	CUSH	240414	A-1205-A-989	MERIX	416891 <sup>28</sup>	A-1205-B-834X	MERIX	55469	A-1205-D-212	MERIX	470358
A11788	WHITE	411245 <sup>28</sup>	A1205A-989	ROCKW	416891 <sup>28</sup>	A1205B-834X	ROCKW	55469	A-1205-D-212	MERIX	473231 <sup>28</sup>
A11788	WHITE	455096	A-1205-A-989X	MERIX	416891 <sup>28</sup>	A-1205-C-1069	MERIX	473240 <sup>28</sup>	A1205D-212	ROCKW	470358
A1-1805-S-149	MERIX	3591	A1205A-989X	ROCKW	416891 <sup>28</sup>	A1205C-1069	ROCKW	473240 <sup>28</sup>	A1205D-212	ROCKW	473231 <sup>28</sup>
A1-1805-S-149	ROCKW	3591	A-1205-B-1016	MERIX	456641	A-1205-C-1381	MERIX	370054A	A-1205-D-2188	MERIX	417316 <sup>28</sup>
A119488	US-EL	472258 <sup>28</sup>	A1205B-1016	ROCKW	456641	A1205C-1381	ROCKW	370054A	A-1205-D-2188	ROCKW	417316 <sup>28</sup>
A-1199-R-668	MERIX	411253 <sup>28</sup>	A-1205-B-1042	MERIX	41026S	A-1205-C-159	MERIX	410102	A-1205-D-2266	MERIX	472029
A-1199-R-668	MERIX	450099	A1205-B-1042	ROCKW	41026S	A1205C-159	ROCKW	410102	A1205-D-2266	ROCKW	472029
A1199R-668	ROCKW	411253 <sup>28</sup>	A-1205-B-1198	MERIX	410101N	A-1205-C-1719	MERIX	370011A	A-1205-D-2526	MERIX	370023A
A1199R-668	ROCKW	450099	A1205B-1198	ROCKW	410101N	A1205C-1719	ROCKW	370011A	A-1205-D-2526	MERIX	380023A
A-1205-A-1015	MERIX	413246	A-1205-B-1224	MERIX	413246N	A-1205-C-1875	MERIX	370036A	A-1205-D-2526	ROCKW	370023A
A-1205-A-1015	MERIX	413246N	A-1205-B-1224	MERIX	470574N	A-1205-C-1875	MERIX	370349A	A-1205-D-2526	ROCKW	380023A
A-1205-A-1015	ROCKW	413246	A1205B-1224	ROCKW	413246N	A-1205-C-1875	MERIX	380036A	A-1205-D-2578	MERIX	370048A
A-1205-A-1015	ROCKW	413246N	A1205B-1224	ROCKW	470574N	A1205C-1875	ROCKW	370036A	A-1205-D-2578	MERIX	370182A
A-1205-A-1015X	MERIX	413246	A-1205-B-1314	MERIX	370077A <sup>29</sup>	A1205C-1875	ROCKW	370349A	A-1205-D-2578	MERIX	380048A
A-1205-A-1015X	MERIX	413246N	A1205B-1314	ROCKW	370077A <sup>29</sup>	A1205C-1875	ROCKW	380036A	A-1205-D-2578	ROCKW	370048A
A-1205-A-1015X	ROCKW	413246	A-1205-B-1328	MERIX	3136N	A-1205-C1927	MERIX	415013N	A-1205-D-2578	ROCKW	370182A
A-1205-A-1015X	ROCKW	413246N	A1205B-1328	ROCKW	3136N	A-1205-C-1927	ROCKW	415013N	A-1205-D-2578	ROCKW	380048A
A-1205-A-1035	MERIX	472636 <sup>28</sup>	A-1205-B-1718	MERIX	450523	A-1205-C-211	MERIX	417159	A-1205-D-420	MERIX	416070
A1205A-1035	ROCKW	472636 <sup>28</sup>	A1205B-1718	ROCKW	450523	A1205C-211	ROCKW	417159	A1205D-420	ROCKW	416070

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A-1205-D-446	MERIX	415016N	A1205E-317	ROCKW	455004	A-1205-F-88	MERIX	472179	A-1205-H-2556	ROCKW	100557
A1205D-446	ROCKW	415016N	A-1205-E-343	MERIX	470045	A1205F-88	ROCKW	450183	A-1205-H-736	MERIX	416297
A-1205-D-602	MERIX	471103 <sup>2B</sup>	A-1205-E-343	MERIX	476838 <sup>2B</sup>	A1205F-88	ROCKW	472179	A1205H-736	ROCKW	416297
A-1205-D-602	MERIX	50197S	A1205E-343	ROCKW	470045	A-1205-F-916	MERIX	370003A	A-1205-H-762	MERIX	370007A
A1205D-602	ROCKW	471103 <sup>2B</sup>	A1205E-343	ROCKW	476838 <sup>2B</sup>	A-1205-F-916	MERIX	380003A	A-1205-H-762	MERIX	7866S
A1205D-602	ROCKW	50197S	A-1205-E-603	MERIX	415036	A-1205-F-916	ROCKW	370003A	A1205H-762	ROCKW	370007A
A-1205-D-680	MERIX	6612S	A1205E-603	ROCKW	415036	A-1205-F-916	ROCKW	380003A	A1205H-762	ROCKW	7866S
A1205D-680	ROCKW	6612S	A-1205-E-631	MERIX	6638S	A-1205-G-1047	MERIX	472439	A-1205-H-840	MERIX	471224 <sup>2B</sup>
A-1205-D-758	MERIX	6584S	A1205E-631	ROCKW	6638S	A1205G-1047	ROCKW	472439	A-1205-H-840	ROCKW	471224 <sup>2B</sup>
A1205D-758	ROCKW	6584S	A-1205-E-707	MERIX	5487	A-1205-G-1723	MERIX	415196 <sup>2B</sup>	A-1205-H-918	MERIX	40566S
A-1205-D-836	MERIX	370036A	A1205E-707	ROCKW	5487	A1205G-1723	ROCKW	415196 <sup>2B</sup>	A1205H-918	ROCKW	40566S
A-1205-D-836	MERIX	370349A	A-1205-E-837	MERIX	415437 <sup>2B</sup>	A-1205-G-189	MERIX	415035 <sup>2B</sup>	A-1205-I-11061	MERIX	370003A
A-1205-D-836	MERIX	380036A	A-1205-E-837	MERIX	455173	A-1205-G-189	MERIX	455035	A-1205-I-11061	MERIX	380003A
A1205D-836	ROCKW	370036A	A1205E-837	ROCKW	415437 <sup>2B</sup>	A1205G-189	ROCKW	415035 <sup>2B</sup>	A1205I-11061	ROCKW	370003A
A1205D-836	ROCKW	370349A	A1205E-837	ROCKW	455173	A1205G-189	ROCKW	455035	A1205I-11061	ROCKW	380003A
A1205D-836	ROCKW	380036A	A-1205-E-863X	MERIX	471391 <sup>2B</sup>	A-1205-G-2425	MERIX	4561V	A-1205-J-1102	MERIX	416107 <sup>2B</sup>
A-1205-D-992	MERIX	415351 <sup>2B</sup>	A1205E-863X	ROCKW	471391 <sup>2B</sup>	A-1205-G-2425	ROCKW	4561V	A-1205-J-1102	MERIX	455073
A1205D-992	ROCKW	415351 <sup>2B</sup>	A-1205-E-993	MERIX	417522	A-1205-G-2426	MERIX	100263	A1205J-1102	ROCKW	416107 <sup>2B</sup>
A-1205-E-1019	MERIX	370066A	A1205E-993	ROCKW	417522	A-1205-G-2426	ROCKW	100263	A1205J-1102	ROCKW	455073
A1205E-1019	ROCKW	370066A	A-1205-E-993X	MERIX	417522	A-1205-G-293	MERIX	418028	A-1205-J-1206	MERIX	370007A
A-1205-E-1071	MERIX	370001A	A1205E-993X	ROCKW	417522	A-1205-G-293	MERIX	455137 <sup>2B</sup>	A1205J-1206	ROCKW	370007A
A-1205-E-1071	MERIX	380001A	A-1205-F-1043	MERIX	370178A	A1205G-293	ROCKW	418028	A-1205-J-1414	MERIX	417020
A1205E-1071	ROCKW	370001A	A1205F-1043	ROCKW	370178A	A1205G-293	ROCKW	455137 <sup>2B</sup>	A1205J-1414	ROCKW	417020
A1205E-1071	ROCKW	380001A	A-1205-F-1228	MERIX	7937N	A-1205-G-397	MERIX	475012N	A-1205-J-1518	MERIX	415379
A-1205-E-1227	MERIX	476023N	A1205F-1228	ROCKW	7937N	A1205G-397	ROCKW	475012N	A1205J-1518	ROCKW	415379
A-1205-E-1227	ROCKW	476023N	A-1205-F-136	MERIX	40468	A-1205-G-423	MERIX	415041	A-1205-J-1544	MERIX	415082N
A-1205-E-1253	MERIX	370009A	A1205F-136	ROCKW	40468	A1205G-423	ROCKW	415041	A1205J-1544	ROCKW	415082N
A-1205-E-1253	MERIX	380009A	A-1205-F-162	MERIX	470059	A-1205-G-605	MERIX	40286	A-1205-J-166	MERIX	415016N
A1205E-1253	ROCKW	370009A	A-1205-F-162	ROCKW	470059	A1205G-605	ROCKW	40286	A1205J-166	ROCKW	415016N
A1205E-1253	ROCKW	380009A	A-1205-F-1748	MERIX	370030A	A-1205-G-631	MERIX	370001A	A-1205-J-1726	HINO	370003A
A-1205-E-135	MERIX	415001 <sup>2B</sup>	A1205F-1748	ROCKW	370030A	A-1205-G-631	MERIX	380001A	A-1205-J-1726	HINO	380003A
A-1205-E-135	MERIX	455001	A-1205-F-2034	MERIX	370199A	A-1205-G-631	MERIX	6638S	A-1205-J-1726	MERIX	370003A
A1205E-135	ROCKW	415001 <sup>2B</sup>	A-1205-F-2424	MERIX	100495	A1205G-631	ROCKW	370001A	A-1205-J-1726	MERIX	380003A
A1205E-135	ROCKW	455001	A-1205-F-2424	ROCKW	100495	A1205G-631	ROCKW	380001A	A-1205-J-1726	ROCKW	370003A
A-1205-E-1513	MERIX	473238 <sup>2B</sup>	A-1205-F-2502	MERIX	100263	A1205G-631	ROCKW	6638S	A-1205-J-1726	ROCKW	380003A
A1205E-1513	ROCKW	473238 <sup>2B</sup>	A-1205-F-2502	ROCKW	100263	A-1205-G-633	MERIX	410308 <sup>2B</sup>	A-1205-J-1934	MERIX	4564V
A-1205-E-161	MERIX	450066	A-1205-F-2554	HINO	370150A	A-1205-G-633	MERIX	473468	A1205J1934	ROCKW	4564V
A-1205-E-161	MERIX	473367 <sup>2B</sup>	A-1205-F-2554	MERIX	370150A	A1205G-633	ROCKW	410308 <sup>2B</sup>	A-1205-J-2116	MERIX	415124
A1205E-161	ROCKW	450066	A-1205-F-2554	ROCKW	370150A	A1205G-633	ROCKW	473468	A1205J-2116	ROCKW	415124
A1205E-161	ROCKW	473367 <sup>2B</sup>	A-1205-F-362	MERIX	473446	A-1205-G-683	MERIX	470308N	A-1205-J-2220	MERIX	370012A
A-1205-E-1851	MERIX	370036A	A1205F-362	ROCKW	473446	A1205G-683	ROCKW	470308N	A-1205-J-2272	MERIX	370181A
A-1205-E-1851	MERIX	370349A	A-1205-F-448	MERIX	416047	A-1205-G-735	MERIX	416297 <sup>2B</sup>	A1205J-2272	ROCKW	370181A
A-1205-E-1851	MERIX	380036A	A-1205-F-448	MERIX	416332 <sup>2B</sup>	A1205G-735	ROCKW	416297 <sup>2B</sup>	A-1205-J-2428	MERIX	100494
A1205E-1851	ROCKW	370036A	A1205F-448	ROCKW	416047	A-1205-H-138	MERIX	450494	A-1205-J-2428	ROCKW	100494
A1205E-1851	ROCKW	370349A	A1205F-448	ROCKW	416332 <sup>2B</sup>	A-1205-H-138	MERIX	472164 <sup>2B</sup>	A-1205-J-2558	MERIX	100263
A1205E-1851	ROCKW	380036A	A-1205-F-664	MERIX	370023A	A1205H-138	ROCKW	450494	A-1205-J-2558	ROCKW	100263
A-1205-E-1929	MERIX	415234	A-1205-F-664	MERIX	380023A	A1205H-138	ROCKW	472164 <sup>2B</sup>	A-1205-J-296	MERIX	415991
A1205E-1929	ROCKW	415234	A1205F-664	ROCKW	370023A	A-1205-H-1594	MERIX	370048A	A-1205-J-296	MERIX	455146 <sup>2B</sup>
A-1205-E-2033	MERIX	370211A	A1205F-664	ROCKW	380023A	A-1205-H-1594	MERIX	370182A	A1205J-296	ROCKW	415991
A1205E-2033	ROCKW	370211A	A-1205-F-682	MERIX	451078 <sup>2B</sup>	A-1205-H-1594	MERIX	380048A	A1205J-296	ROCKW	455146 <sup>2B</sup>
A-1205-E-2163	MERIX	370066A	A1205F-682	ROCKW	451078 <sup>2B</sup>	A1205H-1594	ROCKW	370048A	A-1205-J-374	MERIX	471887
A1205E-2163	ROCKW	370066A	A-1205-F-708	MERIX	415281N	A1205H-1594	ROCKW	370182A	A1205J-374	ROCKW	471887
A-1205-E-2186	MERIX	473490	A1205F-708	ROCKW	415281N	A1205H-1594	ROCKW	380048A	A-1205-J-634	MERIX	370030A
A1205E2186	ROCKW	473490	A-1205-F-760	MERIX	471138 <sup>2B</sup>	A-1205-H-2114	MERIX	40337S	A1205J-634	ROCKW	370030A
A-1205-E-265	MERIX	470059	A1205F-760	ROCKW	471138 <sup>2B</sup>	A1205H-2114	ROCKW	40337S	A-1205-J-712	MERIX	417211 <sup>2B</sup>
A-1205-E-265	MERIX	470380 <sup>2B</sup>	A1205F-760	ROCKW	471138 <sup>2B</sup>	A-1205-H-2426	MERIX	100263	A1205J-712	ROCKW	417211 <sup>2B</sup>
A-1205-E-265	ROCKW	470059	A-1205-F-838	MERIX	370037A	A-1205-H-2426	ROCKW	100263	A-1205-J-738	MERIX	455858
A-1205-E-265	ROCKW	470380 <sup>2B</sup>	A-1205-F-838	MERIX	370338A	A-1205-H-2426-CB	MERIX	100263	A1205J-738	ROCKW	455858
A-1205-E-317	MERIX	417316 <sup>2B</sup>	A1205F-838	ROCKW	370037A	A-1205-H-2426-CB	ROCKW	100263	A-1205-J-998X	MERIX	415003
A-1205-E-317	MERIX	455004	A1205F-838	ROCKW	370338A	A-1205-H-2556	MERIX	100557	A-1205-J-998X	MERIX	415458 <sup>2B</sup>
A-1205-E-317	ROCKW	417316 <sup>2B</sup>	A-1205-F-88	MERIX	450183						

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1205J-998X	ROCKW	415003	A1205L-142	ROCKW	450094	A-1205-M-2198	MERIX	416500 <sup>28</sup>	A1205P-1108	ROCKW	380048A
A1205J-998X	ROCKW	415458 <sup>28</sup>	A1205L-142	ROCKW	473462	A1205M2198	ROCKW	416500 <sup>28</sup>	A-1205-P-1212	MERIX	370025A
A-1205-K-1285	MERIX	370003A	A-1205-L-1546	MERIX	370195A	A-1205-M-2561	MERIX	370195A	A-1205-P-1212	MERIX	380025A
A-1205-K-1285	MERIX	380003A	A-1205-L-1546	ROCKW	370195A	A-1205-M-325	MERIX	415137	A-1205-P-1212	MERIX	386025A
A1205K-1285	ROCKW	370003A	A-1205-L-1598	MERIX	370025A	A-1205-M-325	ROCKW	415137	A1205P-1212	ROCKW	370025A
A1205K-1285	ROCKW	380003A	A-1205-L-1598	MERIX	380025A	A-1205-M-429	MERIX	415371	A1205P-1212	ROCKW	380025A
A-1205-K-1337	MERIX	415991 <sup>28</sup>	A-1205-L-1598	MERIX	386025A	A1205M-429	ROCKW	415371	A1205P-1212	ROCKW	386025A
A-1205-K-1337	MERIX	415991N	A1205L-1598	ROCKW	370025A	A-1205-M-585	MERIX	6612S	A-1205-P-1368	MERIX	416470N
A1205K-1337	ROCKW	415991 <sup>28</sup>	A1205L-1598	ROCKW	380025A	A1205M-585	ROCKW	6612S	A-1205-P-1368	ROCKW	416470N
A1205K-1337	ROCKW	415991N	A1205L-1598	ROCKW	386025A	A-1205-M-897	MERIX	370036A	A-1205-P-1446	MERIX	416191
A-1205-K-141	MERIX	470074	A-1205-L-220	MERIX	472319	A-1205-M-897	MERIX	370349A	A1205P-1446	ROCKW	416191
A-1205-K-141	MERIX	474265	A1205L-220	ROCKW	472319	A-1205-M-897	MERIX	380036A	A-1205-P-1449	MERIX	370001A
A1205K-141	ROCKW	470074	A-1205-L-2274	MERIX	370015A	A1205M-897	ROCKW	370036A	A-1205-P-1449	MERIX	380001A
A1205K-141	ROCKW	474265	A-1205-L-2428	MERIX	100494	A1205M-897	ROCKW	370349A	A1205P-1449	ROCKW	370001A
A-1205-K-1753	MERIX	410312N	A-1205-L-2428	ROCKW	100494	A1205M-897	ROCKW	380036A	A1205P-1449	ROCKW	380001A
A1205K-1753	ROCKW	410312N	A-1205-L-2430	MERIX	100495	A-1205-N-1132	MERIX	470954 <sup>28</sup>	A1205P-146	KEN	411253 <sup>28</sup>
A-1205-K-1779	MERIX	475322N	A-1205-L-2430	ROCKW	100495	A1205N-1132	ROCKW	470954 <sup>28</sup>	A1205P-146	KEN	450099
A1205K-1779	ROCKW	475322N	A-1205-L-2768	MERIX	386590A	A-1205-N-1132S	MERIX	470954 <sup>28</sup>	A-1205-P-1466	MERIX	416191
A-1205-K-2013	MERIX	370066A	A-1205-L-324	MERIX	370036A	A1205N1132S	ROCKW	470954 <sup>28</sup>	A1205P-1466	ROCKW	416191
A-1205-K-2013	ROCKW	370066A	A-1205-L-324	MERIX	370349A	A-1205-N-1288	MERIX	370057A	A-1205-P-1602	MERIX	471787 <sup>28</sup>
A-1205-K-2559	MERIX	100495	A-1205-L-324	MERIX	380036A	A1205N-1288	ROCKW	370057A	A1205P-1602	ROCKW	471787 <sup>28</sup>
A-1205-K-2559	ROCKW	100495	A1205L-324	ROCKW	370036A	A-1205-N-1314	MERIX	370077A <sup>29</sup>	A-1205-P-1680	MERIX	417359
A-1205-K-401	MERIX	417316 <sup>28</sup>	A1205L-324	ROCKW	370349A	A1205N-1314	ROCKW	370077A <sup>29</sup>	A1205P-1680	ROCKW	417359
A1205K401	ROCKW	417316 <sup>28</sup>	A1205L-324	ROCKW	380036A	A-1205-N-1392	MERIX	370094A	A-1205-P-1758	MERIX	471224 <sup>28</sup>
A-1205-K-427	MERIX	473238 <sup>28</sup>	A-1205-L-364	MERIX	416107 <sup>28</sup>	A1205N-1392	ROCKW	370094A	A-1205-P-1758	ROCKW	471224 <sup>28</sup>
A1205K-427	ROCKW	473238 <sup>28</sup>	A-1205-L-364	MERIX	455073	A-1205-N-1496	MERIX	415013N	A-1205-P-1888	MERIX	376590A
A-1205-K-531	MERIX	470548	A1205L-364	ROCKW	416107 <sup>28</sup>	A1205N-1496	ROCKW	415013N	A-1205-P-1888	ROCKW	376590A
A-1205-K-531	MERIX	470625 <sup>28</sup>	A1205L-364	ROCKW	455073	A-1205-N-1548	MERIX	455019 <sup>28</sup>	A-1205-P-1914	MERIX	4876N
A1205K-531	ROCKW	470548	A-1205-L-415	MERIX	450316	A1205N-1548	ROCKW	455019 <sup>28</sup>	A-1205-P-1914	ROCKW	4876N
A1205K-531	ROCKW	470625 <sup>28</sup>	A-1205-L-415	MERIX	472636 <sup>28</sup>	A-1205-N-1614	MERIX	370077A	A-1205-P-198	MERIX	473447
A-1205-K-583	MERIX	40140S	A1205L-415	ROCKW	450316	A1205N-1614	ROCKW	370077A	A1205P-198	ROCKW	473447
A1205K-583	ROCKW	40140S	A1205L-415	ROCKW	472636 <sup>28</sup>	A-1205-N-1851	MERIX	370036A	A-1205-P-224	MERIX	415034 <sup>28</sup>
A-1205-K-635	MERIX	470737N	A-1205-L-714	MERIX	35949N	A-1205-N-1851	MERIX	370349A	A-1205-P-224	MERIX	455034
A1205K-635	ROCKW	470737N	A1205L-714	ROCKW	35949N	A-1205-N-1851	MERIX	380036A	A1205P-224	ROCKW	415034 <sup>28</sup>
A-1205-K-687	MERIX	5313 <sup>30</sup>	A-1205-L-740	MERIX	5487	A1205N-1851	ROCKW	370036A	A1205P-224	ROCKW	455034
A1205K-687	ROCKW	5313 <sup>30</sup>	A1205L-740	ROCKW	5487	A1205N-1851	ROCKW	370349A	A-1205-P-2434	MERIX	417551
A-1205-K-713	MERIX	3592	A-1205-L-741	MERIX	5487	A1205N-1851	ROCKW	380036A	A-1205-P-2434	ROCKW	417551
A1205K-713	ROCKW	3592	A1205L-741	ROCKW	5487	A-1205-N-2588	MERIX	100263	A-1205-P-2538	MERIX	100557
A-1205-K-739	MERIX	455858	A-1205-L-750	MERIX	5487	A-1205-N-2588	ROCKW	100263	A-1205-P-2538	ROCKW	100557
A1205K-739	ROCKW	455858	A1205L-750	ROCKW	5487	A-1205-N-300	MERIX	410694 <sup>28</sup>	A-1205-P-2590	MERIX	100495
A-1205-K-937	MERIX	370037A	A-1205-L-766	MERIX	476574N	A1205N-300	ROCKW	410694 <sup>28</sup>	A-1205-P-2590	ROCKW	100495
A-1205-K-937	MERIX	370338A	A1205L-766	ROCKW	476574N	A-1205-N-664	MERIX	6663S	A-1205-P-276	MERIX	5751
A1205K-937	ROCKW	370037A	A-1205-L-922X	MERIX	481181 <sup>28</sup>	A1205N-664	ROCKW	6663S	A1205P-276	ROCKW	5751
A1205K-937	ROCKW	370338A	A-1205-L-922X	MERIX	481181N	A-1205-N-742	MERIX	473458 <sup>28</sup>	A-1205-P-302	MERIX	415066
A-1205-K-999	MERIX	370025A	A1205L-922X	ROCKW	481181 <sup>28</sup>	A1205N-742	ROCKW	473458 <sup>28</sup>	A1205P-302	ROCKW	415066
A-1205-K-999	MERIX	380025A	A1205L-922X	ROCKW	481181N	A-1205-N-898	MERIX	370037A	A-1205-P-328	MERIX	415001 <sup>28</sup>
A-1205-K-999	MERIX	386025A	A-1205-M-1287	MERIX	370064A	A-1205-N-898	MERIX	370338A	A1205P-328	ROCKW	415001 <sup>28</sup>
A1205K-999	ROCKW	370025A	A1205M-1287	ROCKW	370064A	A1205N-898	ROCKW	370037A	A-1205-P-380	MERIX	5796
A1205K-999	ROCKW	380025A	A-1205-M-1339	MERIX	370048A	A1205N-898	ROCKW	370338A	A1205P-380	ROCKW	5796
A1205K-999	ROCKW	386025A	A-1205-M-1339	MERIX	370182A	A-1205-N-898X	MERIX	370037A	A-1205-P-406	MERIX	370178A
A-1205-L-1338	MERIX	370001A	A-1205-M-1339	MERIX	380048A	A-1205-N-898X	MERIX	370338A	A-1205-P-406	MERIX	416888 <sup>28</sup>
A-1205-L-1338	MERIX	380001A	A1205M-1339	ROCKW	370048A	A1205N-898X	ROCKW	370037A	A-1205-P-406	MERIX	455200
A1205L-1338	ROCKW	370001A	A1205M-1339	ROCKW	370182A	A1205N-898X	ROCKW	370338A	A1205P-406	ROCKW	370178A
A1205L-1338	ROCKW	380001A	A1205M-1339	ROCKW	380048A	A-1205-P-1004	MERIX	370008A	A1205P-406	ROCKW	416888 <sup>28</sup>
A-1205-L-1390	MERIX	415294 <sup>28</sup>	A-1205-M-1625	MERIX	370178A	A1205P-1004	ROCKW	370008A	A1205P-406	ROCKW	455200
A-1205-L-1390	MERIX	455294	A1205M-1625	ROCKW	370178A	A-1205-P-1108	MERIX	370048A	A-1205-P-614	MERIX	5401
A1205L-1390	ROCKW	415294 <sup>28</sup>	A-1205-M-1718	MERIX	450523	A-1205-P-1108	MERIX	370182A	A1205P-614	ROCKW	5401
A1205L-1390	ROCKW	455294	A1205M-1718	ROCKW	450523	A-1205-P-1108	MERIX	380048A	A-1205-P-666	MERIX	416167 <sup>28</sup>
A-1205-L-142	MERIX	450094	A-1205-M-2197	MERIX	476514	A1205P-1108	ROCKW	370048A	A-1205-P-666	MERIX	455091
A-1205-L-142	MERIX	473462	A1205M2197	ROCKW	476514	A1205P-1108	ROCKW	370182A	A1205P-666	ROCKW	416167 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1205P-666	ROCKW	455091	A-1205-Q-849X	MERIX	471570 <sup>2B</sup>	A-1205-S-175	ROCKW	471192	A1205T-228	ROCKW	417316 <sup>2B</sup>
A-1205-P-848	MERIX	470530 <sup>2B</sup>	A1205Q-849X	ROCKW	470680	A-1205-S-1761	MERIX	410101N	A-1205-T-436	MERIX	416130 <sup>2B</sup>
A1205P-848	ROCKW	470530 <sup>2B</sup>	A1205Q-849X	ROCKW	471570 <sup>2B</sup>	A-1205-S-1761	ROCKW	410101N	A1205T-436	ROCKW	416130 <sup>2B</sup>
A-1205-P-900	MERIX	417247 <sup>2B</sup>	A-1205-R-1	MERIX	416738 <sup>2B</sup>	A-1205-S-1917	MERIX	482415	A-1205-T-50	MERIX	450067
A1205P-900	ROCKW	417247 <sup>2B</sup>	A-1205-R-1	MERIX	450096	A-1205-S-1917	ROCKW	482415	A-1205-T-50	MERIX	473228
A-1205-Q-1057	MERIX	415013N	A1205R-1	ROCKW	416738 <sup>2B</sup>	A-1205-S-2203	MERIX	417158 <sup>2B</sup>	A1205T-50	ROCKW	450067
A-1205-Q-1057	ROCKW	415013N	A1205R-1	ROCKW	450096	A1205S2203	ROCKW	417158 <sup>2B</sup>	A1205T-50	ROCKW	473228
A-1205-Q-1395	MERIX	3100	A-1205-R-1344	MERIX	416039	A-1205-S-2255	MERIX	100495	A-1205-T-634	MERIX	6635S
A1205Q-1395	ROCKW	3100	A1205R-1344	ROCKW	416039	A-1205-S-2255	ROCKW	100495	A1205T-634	ROCKW	6635S
A-1205-Q-1629	MERIX	416556 <sup>2B</sup>	A-1205-R-148	MERIX	416738 <sup>2B</sup>	A-1205-S-2281	MERIX	455322V	A-1205-T-670	MERIX	370178A
A-1205-Q-1629	MERIX	472157	A-1205-R-148	MERIX	450096	A-1205-S-2281	ROCKW	455322V	A-1205-T-670	MERIX	416888 <sup>2B</sup>
A1205Q-1629	ROCKW	416556 <sup>2B</sup>	A1205R-148	ROCKW	416738 <sup>2B</sup>	A-1205-S-2307	MERIX	370048A	A1205T-670	ROCKW	370178A
A1205Q-1629	ROCKW	472157	A1205R-148	ROCKW	450096	A-1205-S-2307	MERIX	370182A	A1205T-670	ROCKW	416888 <sup>2B</sup>
A-1205-Q-1655	MERIX	417484N	A-1205-R-1552	MERIX	415295	A-1205-S-2307	MERIX	380048A	A-1205-T-696	MERIX	6872S
A-1205-Q-1655	MERIX	475322N	A1205R-1552	ROCKW	415295	A1205-S-2307	ROCKW	370048A	A1205T-696	ROCKW	6872S
A1205Q-1655	ROCKW	417484N	A-1205-R-1630	MERIX	370006A	A1205-S-2307	ROCKW	370182A	A-1205-T-722	MERIX	455858
A1205Q-1655	ROCKW	475322N	A1205R-1630	ROCKW	370006A	A1205-S-2307	ROCKW	380048A	A1205T-722	ROCKW	455858
A-1205-Q-1665	MERIX	417484N	A-1205-R-226	MERIX	450078	A-1205-S-2489	MERIX	370025A	A-1205-T-724	MERIX	370120A
A-1205-Q-1665	MERIX	475322N	A-1205-R-226	MERIX	473444	A-1205-S-2489	MERIX	380025A	A1205T-724	ROCKW	370120A
A1205Q-1665	ROCKW	417484N	A1205R-226	ROCKW	450078	A-1205-S-2489	MERIX	386025A	A-1205-T-748	MERIX	6864S
A1205Q-1665	ROCKW	475322N	A1205R-226	ROCKW	473444	A-1205-S-2489	ROCKW	370025A	A1205T-748	ROCKW	6864S
A-1205-Q-173	MERIX	471795	A-1205-R-2410	MERIX	370003A	A-1205-S-2489	ROCKW	380025A	A-1205-T-774	MERIX	370120A
A1205Q173	ROCKW	471795	A-1205-R-2410	MERIX	380003A	A-1205-S-2489	ROCKW	386025A	A1205T-774	ROCKW	370120A
A-1205-Q-1759	MERIX	452086	A1205R-2410	ROCKW	370003A	A-1205-S-2593	MERIX	370065A	A-1205-T-800X	MERIX	415007
A1205Q-1759	ROCKW	452086	A1205R-2410	ROCKW	380003A	A-1205-S-2593	MERIX	380065A	A1205T-800X	ROCKW	415007
A-1205-Q-1889	MERIX	376590A	A-1205-R-2592	MERIX	100494	A-1205-S-669	MERIX	370010A	A-1205-U-1061	MERIX	370003A
A-1205-Q-1889	ROCKW	376590A	A-1205-R-2592	ROCKW	100494	A1205S-669	ROCKW	370010A	A-1205-U-1061	MERIX	380003A
A-1205-Q-1915	MERIX	3143N	A-1205-R-330	MERIX	410316	A-1205-S-695	MERIX	410308 <sup>2B</sup>	A1205U-1061	ROCKW	370003A
A1205Q-1915	ROCKW	3143N	A-1205-R-330	MERIX	472636 <sup>2B</sup>	A-1205-S-695	MERIX	450308	A1205U-1061	ROCKW	380003A
A-1205-Q-1941	MERIX	370119A <sup>29</sup>	A1205R-330	ROCKW	410316	A1205S-695	ROCKW	410308 <sup>2B</sup>	A-1205-U-1243	MERIX	417278
A1205Q-1941	ROCKW	370119A <sup>29</sup>	A1205R-330	ROCKW	472636 <sup>2B</sup>	A1205S-695	ROCKW	450308	A1205U-1243	ROCKW	417278
A-1205-Q-225	MERIX	450118	A-1205-R-408	MERIX	45031S	A-1205-S-747	MERIX	6864S	A-1205-U-1529	MERIX	416654 <sup>2B</sup>
A-1205-Q-225	MERIX	473449	A1205R-408	ROCKW	45031S	A1205S-747	ROCKW	6864S	A1205U-1529	ROCKW	416654 <sup>2B</sup>
A1205Q-225	ROCKW	450118	A-1205-R-564	MERIX	410183N	A-1205-T-1086	MERIX	415035	A-1205-U-1635	MERIX	472636 <sup>2B</sup>
A1205Q-225	ROCKW	473449	A1205R-564	ROCKW	410183N	A1205T-1086	ROCKW	415035	A1205U-1635	ROCKW	472636 <sup>2B</sup>
A-1205-Q-2487	MERIX	370003A	A-1205-R-590	MERIX	8635S	A-1205-T-1112	MERIX	471271 <sup>2B</sup>	A-1205-U-1685	MERIX	3905
A-1205-Q-2487	MERIX	380003A	A1205R-590	ROCKW	8635S	A1205T1112	ROCKW	471271 <sup>2B</sup>	A-1205-U-1685	ROCKW	3905
A-1205-Q-2487	ROCKW	370003A	A-1205-R-642	MERIX	415138 <sup>2B</sup>	A-1205-T-124	MERIX	410316	A-1205-U-1934	MERIX	4564V
A-1205-Q-2487	ROCKW	380003A	A1205R-642	ROCKW	415138 <sup>2B</sup>	A-1205-T-124	MERIX	472636 <sup>2B</sup>	A-1205-U-1934	ROCKW	4564V
A-1205-Q-2591	MERIX	100557	A-1205-S-1111X	MERIX	417364	A1205T-124	ROCKW	410316	A-1205-U-1945	MERIX	100557
A-1205-Q-2591	ROCKW	100557	A1205S-1111X	ROCKW	417364	A1205T-124	ROCKW	472636 <sup>2B</sup>	A-1205-U-1945	ROCKW	100557
A-1205-Q-329	MERIX	417159	A-1205-S-1319	MERIX	416339	A-1205-T-1252	MERIX	473467	A-1205-U-1997	MERIX	417606
A1205Q-329	ROCKW	417159	A1205S-1319	ROCKW	416339	A1205T-1252	ROCKW	473467	A1205U-1997	ROCKW	417606
A-1205-Q-407	MERIX	370022A	A-1205-S-1345	MERIX	472258 <sup>2B</sup>	A-1205-T-150	MERIX	413469 <sup>2B</sup>	A-1205-U-2257	MERIX	100263
A-1205-Q-407	MERIX	380022A	A1205S-1345	ROCKW	472258 <sup>2B</sup>	A1205T-150	ROCKW	413469 <sup>2B</sup>	A-1205-U-2257	ROCKW	100263
A1205Q-407	ROCKW	370022A	A-1205-S-1449	MERIX	370001A	A-1205-T-1534	MERIX	200870	A-1205-U-229	MERIX	472150
A1205Q-407	ROCKW	380022A	A-1205-S-1449	MERIX	380001A	A1205T-1534	ROCKW	200870	A1205U-229	ROCKW	472150
A-1205-Q-45	MERIX	412119 <sup>2B</sup>	A1205S-1449	ROCKW	370001A	A-1205-T-1580	MERIX	471271 <sup>2B</sup>	A-1205-U-2335	MERIX	100495
A-1205-Q-45	MERIX	450101	A1205S-1449	ROCKW	380001A	A1205T-1580	ROCKW	471271 <sup>2B</sup>	A-1205-U-2335	ROCKW	100495
A1205Q-45	ROCKW	412119 <sup>2B</sup>	A-1205-S-149	MERIX	450067	A-1205-T-1710	MERIX	416229	A-1205-U-2491	HINO	370001A
A1205Q-45	ROCKW	450101	A-1205-S-149	MERIX	473228	A1205T-1710	ROCKW	416229	A-1205-U-2491	HINO	380001A
A-1205-Q-563	MERIX	410085	A1205S-149	ROCKW	450067	A-1205-T-1814	MERIX	370028A	A-1205-U-2491	MERIX	370001A
A-1205-Q-563	MERIX	470530 <sup>2B</sup>	A1205S-149	ROCKW	473228	A1205T-1814	ROCKW	370028A	A-1205-U-2491	MERIX	380001A
A1205Q-563	ROCKW	410085	A-1205-S-1527	MERIX	475080N	A-1205-T-1996	MERIX	6358	A-1205-U-2491	ROCKW	370001A
A1205Q-563	ROCKW	470530 <sup>2B</sup>	A1205S-1527	ROCKW	475080N	A1205T-1996	ROCKW	6358	A-1205-U-2491	ROCKW	380001A
A-1205-Q-615	MERIX	5403	A-1205-S-1631	MERIX	370051A	A-1205-T-2178	MERIX	40522S	A-1205-U-411	MERIX	411500
A1205Q-615	ROCKW	5403	A1205S-1631	ROCKW	370051A	A1205T-2178	ROCKW	40522S	A1205U-411	ROCKW	411500
A-1205-Q-723	MERIX	415995V	A-1205-S-1657	MERIX	415072	A-1205-T-2256	MERIX	4561V	A-1205-U-437	MERIX	417563
A1205Q723	ROCKW	415995V	A1205S-1657	ROCKW	415072	A1205T-2256	ROCKW	4561V	A1205U-437	ROCKW	417563
A-1205-Q-849X	MERIX	470680	A-1205-S-175	MERIX	471192	A-1205-T-228	MERIX	417316 <sup>2B</sup>	A-1205-U-515	MERIX	410101N

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1205U-515	ROCKW	410101N	A1205V-724	ROCKW	455009	A-1205-X-1662	MERIX	386025A	A1205Y-1975	ROCKW	376590A
A-1205-U-619	MERIX	6649	A-1205-V-802X	MERIX	470565 <sup>28</sup>	A1205X-1662	ROCKW	370025A	A1205Y-1975	ROCKW	380065A
A1205U-619	ROCKW	6649	A1205V-802X	ROCKW	470565 <sup>28</sup>	A1205X-1662	ROCKW	380025A	A-1205-Y-2105	MERIX	415836
A-1205-U-697	MERIX	370006A	A-1205-V-958	MERIX	417484N	A1205X-1662	ROCKW	386025A	A-1205-Y-2105	MERIX	415995 <sup>28</sup>
A1205U-697	ROCKW	370006A	A-1205-V-958	MERIX	475322N	A-1205-X-1688X	MERIX	415066	A1205Y-2105	ROCKW	415836
A-1205-U-723	MERIX	415013N	A1205V-958	ROCKW	417484N	A1205X-1688X	ROCKW	415066	A1205Y-2105	ROCKW	415995 <sup>28</sup>
A1205U-723	ROCKW	415013N	A1205V-958	ROCKW	475322N	A-1205-X-1690X	MERIX	417541	A-1205-Y-233	MERIX	450084 <sup>28</sup>
A-1205-U-749	MERIX	6864S	A-1205-W-1167X	MERIX	410496 <sup>28</sup>	A1205X-1690X	ROCKW	417541	A1205Y-233	ROCKW	450084 <sup>28</sup>
A1205U-749	ROCKW	6864S	A1205W-1167X	ROCKW	410496 <sup>28</sup>	A-1205-X-1792	MERIX	6358	A-1205-Y-2729	MERIX	100495
A-1205-V-1192	MERIX	370066A	A-1205-W-1193	MERIX	415196 <sup>28</sup>	A1205X-1792	ROCKW	6358	A-1205-Y-2729	ROCKW	100495
A1205V-1192	ROCKW	370066A	A1205W-1193	ROCKW	415196 <sup>28</sup>	A-1205-X-180	MERIX	50528	A-1205-Y-363	MERIX	416107 <sup>28</sup>
A-1205-V-126	MERIX	470548	A-1205-W-1245	MERIX	370013A	A1205X-180	ROCKW	50528	A-1205-Y-363	MERIX	455073
A-1205-V-126	MERIX	470625 <sup>28</sup>	A1205W-1245	ROCKW	370013A	A-1205-X-1896	MERIX	4561V	A1205Y-363	ROCKW	416107 <sup>28</sup>
A1205V-126	ROCKW	470548	A-1205-W-1345	MERIX	370023A	A1205X-1896	ROCKW	4561V	A1205Y-363	ROCKW	455073
A1205V-126	ROCKW	470625 <sup>28</sup>	A-1205-W-1345	MERIX	380023A	A-1205-X-258	MERIX	410496 <sup>28</sup>	A-1205-Y-415	MERIX	450316
A-1205-V-1374	MERIX	473274N	A1205W-1345	ROCKW	370023A	A1205X-258	ROCKW	410496 <sup>28</sup>	A-1205-Y-415	MERIX	472636 <sup>28</sup>
A1205V-1374	ROCKW	473274N	A1205W-1345	ROCKW	380023A	A-1205-X-2728	MERIX	100494	A1205Y-415	ROCKW	450316
A-1205-V-1556	MERIX	482415	A-1205-W-1349	HINO	370023A	A-1205-X-2728	ROCKW	100494	A1205Y-415	ROCKW	472636 <sup>28</sup>
A1205V-1556	ROCKW	482415	A-1205-W-1349	HINO	380023A	A-1205-X-414	MERIX	471887	A1205Y-571	KEN	417596
A-1205-V-1634X	MERIX	417603 <sup>28</sup>	A-1205-W-1349	MERIX	370023A	A1205X-414	ROCKW	471887	A-1205-Y-571	MERIX	417596
A1205V-1634X	ROCKW	417603 <sup>28</sup>	A-1205-W-1349	MERIX	380023A	A-1205-X-596	MERIX	5408	A1205Y-571	ROCKW	417596
A-1205-V-1660	MERIX	370057A	A-1205-W-1349	ROCKW	370023A	A1205X-596	ROCKW	5408	A-1205-Y-727	MERIX	475012N
A1205V-1660	ROCKW	370057A	A-1205-W-1349	ROCKW	380023A	A-1205-X-622	MERIX	417316 <sup>28</sup>	A1205Y-727	ROCKW	475012N
A-1205-V-2102	MERIX	370054A	A-1205-W-1375	MERIX	370001A	A-1205-X-622	MERIX	455004	A-1205-Z-1014	MERIX	417492
A1205V-2102	ROCKW	370054A	A-1205-W-1375	MERIX	380001A	A1205X-622	ROCKW	417316 <sup>28</sup>	A1205Z-1014	ROCKW	417492
A-1205-V-230	MERIX	415027 <sup>28</sup>	A1205W-1375	ROCKW	370001A	A1205X-622	ROCKW	455004	A-1205-Z-1534	MERIX	200870
A-1205-V-230	MERIX	455027	A1205W-1375	ROCKW	380001A	A-1205-X-752	MERIX	6954S <sup>29</sup>	A-1205-Z-1534	ROCKW	200870
A1205V-230	ROCKW	415027 <sup>28</sup>	A-1205-W-1531X	MERIX	415294 <sup>28</sup>	A1205X-752	ROCKW	6954S <sup>29</sup>	A-1205-Z-156	MERIX	412119 <sup>28</sup>
A1205V-230	ROCKW	455027	A-1205-W-1531X	ROCKW	415294 <sup>28</sup>	A-1205-X-960	MERIX	413246N	A-1205-Z-156	MERIX	450101
A-1205-V-2492	HINO	370003A	A-1205-W-1557	HINO	370047A	A-1205-X-960	MERIX	470574N	A1205Z-156	ROCKW	412119 <sup>28</sup>
A-1205-V-2492	HINO	380003A	A-1205-W-1557	MERIX	370047A	A1205X-960	ROCKW	413246N	A1205Z-156	ROCKW	450101
A-1205-V-2492	MERIX	370003A	A1205W-1557	ROCKW	370047A	A1205X-960	ROCKW	470574N	A-1205-Z-1638X	MERIX	417491
A-1205-V-2492	MERIX	380003A	A-1205-W-1687X	MERIX	416865 <sup>28</sup>	A-1205-X-960X	MERIX	413246N	A1205Z-1638X	ROCKW	417491
A-1205-V-2492	ROCKW	370003A	A1205W-1687X	ROCKW	416865 <sup>28</sup>	A-1205-X-960X	MERIX	470574N	A-1205-Z-1716	MERIX	370007A
A-1205-V-2492	ROCKW	380003A	A-1205-W-1895	MERIX	100495	A1205X-960X	ROCKW	413246N	A1205Z-1716	ROCKW	370007A
A-1205-V-256	MERIX	417316 <sup>28</sup>	A-1205-W-1895	MERIX	476023N	A1205X-960X	ROCKW	470574N	A-1205-Z-1768	MERIX	473244
A-1205-V-256	MERIX	455004	A-1205-W-1895	ROCKW	100495	A-1205-Y-1091	MERIX	416332	A-1205-Z-1768	ROCKW	473244
A1205V-256	ROCKW	417316 <sup>28</sup>	A-1205-W-1895	ROCKW	476023N	A1205-Y-1091	ROCKW	416332	A-1205-Z-182	MERIX	473245 <sup>28</sup>
A1205V-256	ROCKW	455004	A-1205-W-2415	MERIX	411275V	A-1205-Y-1377	MERIX	3143N	A1205Z-182	ROCKW	473245 <sup>28</sup>
A-1205-V-2674	MERIX	370018A	A1205W-2415	ROCKW	411275V	A1205Y-1377	ROCKW	3143N	A-1205-Z-1820	MERIX	370120A
A-1205-V-2674	ROCKW	370018A	A-1205-W-309	MERIX	473450	A-1205-Y-1533	MERIX	3292	A1205Z-1820	ROCKW	370120A
A-1205-V-386	MERIX	455151	A1205W-309	ROCKW	473450	A-1205-Y-1533	ROCKW	3292	A-1205-Z-2106	MERIX	412119 <sup>28</sup>
A1205V-386	ROCKW	455151	A-1205-W-647	MERIX	415304	A-1205-Y-1533X	MERIX	3292	A1205Z-2106	ROCKW	412119 <sup>28</sup>
A-1205-V-542	MERIX	370003A	A-1205-W-647	MERIX	476470 <sup>28</sup>	A1205Y-1533X	ROCKW	3292	A-1205-Z-2470	MERIX	370023A
A1205V-542	MERIX	380003A	A1205W-647	ROCKW	415304	A-1205-Y-1559	MERIX	370008A	A-1205-Z-2470	MERIX	380023A
A1205V-542	ROCKW	370003A	A1205W-647	ROCKW	476470 <sup>28</sup>	A-1205-Y-1559	ROCKW	370008A	A-1205-Z-2470	ROCKW	370023A
A1205V-542	ROCKW	380003A	A-1205-W-829	MERIX	353120	A-1205-Y-1689X	MERIX	417278	A-1205-Z-2470	ROCKW	380023A
A-1205-V-596	MERIX	5408	A-1205-W-829	ROCKW	353120	A1205Y-1689X	ROCKW	417278	A-1205-Z-2730	MERIX	100263
A1205V-596	ROCKW	5408	A-1205-X-1116	MERIX	446927 <sup>28</sup>	A-1205-Y-1715	MERIX	370054A	A-1205-Z-2730	ROCKW	100263
A-1205-V-672	MERIX	415991	A1205X-1116	ROCKW	446927 <sup>28</sup>	A1205Y-1715	ROCKW	370054A	A-1205-Z-286	MERIX	481443 <sup>28</sup>
A-1205-V-672	MERIX	455146 <sup>28</sup>	A-1205-X-128	MERIX	450083	A-1205-Y-1897	MERIX	100263	A1205Z-286	ROCKW	481443 <sup>28</sup>
A1205V-672	ROCKW	415991	A-1205-X-128	MERIX	472924 <sup>28</sup>	A-1205-Y-1897	MERIX	3905	A-1205-Z-338	MERIX	450084 <sup>28</sup>
A1205V-672	ROCKW	455146 <sup>28</sup>	A1205X-128	ROCKW	450083	A-1205-Y-1897	ROCKW	100263	A1205Z-338	ROCKW	450084 <sup>28</sup>
A-1205-V-723	MERIX	415836	A1205X-128	ROCKW	472924 <sup>28</sup>	A-1205-Y-1897	ROCKW	3905	A-1205-Z-364	MERIX	455513
A1205V-723	MERIX	415995 <sup>28</sup>	A-1205-X-1298	MERIX	370063A	A-1205-Y-1923	MERIX	2297V <sup>28</sup>	A1205Z-364	ROCKW	455513
A1205V-723	ROCKW	415836	A1205X-1298	ROCKW	370063A	A1205Y-1923	ROCKW	2297V <sup>28</sup>	A-1205-Z-780	MERIX	370048A
A1205V-723	ROCKW	415995 <sup>28</sup>	A-1205-X-1532	MERIX	455019 <sup>28</sup>	A-1205-Y-1975	MERIX	370065A	A-1205-Z-780	MERIX	370182A
A-1205-V-724	MERIX	415960 <sup>28</sup>	A1205X-1532	ROCKW	455019 <sup>28</sup>	A-1205-Y-1975	MERIX	376590A	A-1205-Z-780	MERIX	380048A
A1205V-724	MERIX	455009	A-1205-X-1662	MERIX	370025A	A-1205-Y-1975	MERIX	380065A	A1205Z-780	ROCKW	370048A
A1205V-724	ROCKW	415960 <sup>28</sup>	A-1205-X-1662	MERIX	380025A	A1205Y-1975	ROCKW	370065A	A1205Z-780	ROCKW	370182A

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1205Z-780	ROCKW	380048A	A-1405-P-42X	MERIX	417357	A-1805-A-131	MERIX	412943	A1805B-288	ROCKW	471341 <sup>2B</sup>
A-1205-Z-910	MERIX	415995 <sup>2B</sup>	A1405P-42X	ROCKW	417357	A1805A-131	ROCKW	412943	A-1805-B-314	MERIX	473179 <sup>2B</sup>
A-1205-Z-910	MERIX	455013	A-1405-Q-17	MERIX	411253 <sup>2B</sup>	A1805A-157	KEN	473228 <sup>2B</sup>	A1805B-314	ROCKW	473179 <sup>2B</sup>
A1205Z-910	ROCKW	415995 <sup>2B</sup>	A-1405-Q-17	MERIX	450099	A-1805-A-183	MERIX	471192	A-1805-B-340	MERIX	415725 <sup>2B</sup>
A1205Z-910	ROCKW	455013	A1405Q-17	ROCKW	411253 <sup>2B</sup>	A-1805-A-183	ROCKW	471192	A1805B-340	ROCKW	415725 <sup>2B</sup>
A1208	HWY	415449 <sup>2B</sup>	A1405Q-17	ROCKW	450099	A-1805-A-209	MERIX	473473	A-1805-B-366	MERIX	481163 <sup>2B</sup>
A1208	HWY	455147	A-1405-S-45X	MERIX	415304	A1805A-209	ROCKW	473473	A1805B-366	ROCKW	481163 <sup>2B</sup>
A12536	WHITE	411253 <sup>2B</sup>	A-1405-S-45X	MERIX	476470 <sup>2B</sup>	A-1805-A-235	MERIX	471785 <sup>2B</sup>	A-1805-B-392	MERIX	415854
A12536	WHITE	450099	A1405S-45X	ROCKW	415304	A1805A235	ROCKW	471785 <sup>2B</sup>	A1805B-392	ROCKW	415854
A12929	CASE	472439	A1405S-45X	ROCKW	476470 <sup>2B</sup>	A-1805-A-261	MERIX	415272N	A-1805-B-415	MERIX	417602 <sup>2B</sup>
A12931	CASE	455186	A-1405-W-23	MERIX	470351	A1805A-261	ROCKW	415272N	A1805B-415	ROCKW	417602 <sup>2B</sup>
A12994	CASE	450082	A1405W-23	ROCKW	470351	A-1805-A-365	MERIX	415449 <sup>2B</sup>	A-1805-B-418	MERIX	417602 <sup>2B</sup>
A12994	CASE	473238	A-1405-Y-51	MERIX	415192N	A-1805-A-365	MERIX	455147	A1805B-418	ROCKW	417602 <sup>2B</sup>
A12996	CASE	455330 <sup>2B</sup>	A1405Y-51	ROCKW	415192N	A1805A-365	ROCKW	415449 <sup>2B</sup>	A-1805-B-470	MERIX	450362
A130030	KOEH	417546 <sup>2B</sup>	A1410	TMTR	200354	A1805A-365	ROCKW	455147	A1805B-470	ROCKW	450362
A-1305-L-194	MERIX	475380N	A14160	WHITE	450316	A-1805-A-382	MERIX	471192	A-1805-B-496	MERIX	415272N
A1305L-194	ROCKW	475380N	A14160	WHITE	472636 <sup>2B</sup>	A-1805-A-382	ROCKW	471192	A1805B-496	ROCKW	415272N
A13063	WHITE	450067	A14161	WHITE	450067	A-1805-A-417	MERIX	417344 <sup>2B</sup>	A-1805-B-54	MERIX	450083
A13063	WHITE	473228	A14161	WHITE	473228	A1805A-417	ROCKW	417344 <sup>2B</sup>	A-1805-B-54	MERIX	472924 <sup>2B</sup>
A1342001	CYCLO	474274	A14162	WHITE	471750 <sup>2B</sup>	A-1805-A-443	MERIX	353120	A1805B-54	ROCKW	450083
A134Z012	CYCLO	470358	A14163	WHITE	450593 <sup>2B</sup>	A1805A-443	ROCKW	353120	A1805B-54	ROCKW	472924 <sup>2B</sup>
A134Z012	CYCLO	473231 <sup>2B</sup>	A14164	WHITE	470050	A-1805-A-495	MERIX	415995 <sup>2B</sup>	A-1805-B-548	MERIX	415437
A134Z012	GR-DV	470358	A1423	JA-HE	471442 <sup>2B</sup>	A-1805-A-495	MERIX	455013	A1805B-548	ROCKW	415437
A134Z012	GR-DV	473231 <sup>2B</sup>	A143754	MASSE	415449 <sup>2B</sup>	A1805A-495	ROCKW	415995 <sup>2B</sup>	A-1805-B-574	MERIX	470898
A13591	BORGW	203029	A143754	MASSE	455147	A1805A-495	ROCKW	455013	A1805B-574	ROCKW	470898
A13591	LONG	203029	A1443	OLIVE	450040	A-1805-A-53	MERIX	450316	A-1805-B-678	MERIX	417603 <sup>2B</sup>
A13729	WHITE	471750 <sup>2B</sup>	A1443A	OLIVE	417196 <sup>2B</sup>	A-1805-A-53	MERIX	472636 <sup>2B</sup>	A1805B-678	ROCKW	417603 <sup>2B</sup>
A138295	CASE	472350 <sup>2B</sup>	A1443B	GAL	417356 <sup>2B</sup>	A1805A-53	ROCKW	450316	A-1805-B-80	MERIX	475009N
A139499	HYST	415304	A1443B	GAL	455188	A1805A-53	ROCKW	472636 <sup>2B</sup>	A1805B-80	ROCKW	475009N
A139499	HYST	476470 <sup>2B</sup>	A1443B	HOUGH	417356 <sup>2B</sup>	A-1805-A-547	MERIX	417353 <sup>2B</sup>	A-1805-C-107	MERIX	472394
A1400	CATER	471554 <sup>2B</sup>	A1443B	HOUGH	455188	A1805A-547	ROCKW	417353 <sup>2B</sup>	A1805C-107	ROCKW	472394
A1401	CATER	472185 <sup>2B</sup>	A1443B	OLIVE	417356 <sup>2B</sup>	A-1805-A-573	MERIX	471341N	A-1805-C-133	MERIX	450069
A1401	TMTR	472185 <sup>2B</sup>	A1443B	OLIVE	455188	A1805A-573	ROCKW	471341N	A-1805-C-133	MERIX	473232
A140145	CASE	415991 <sup>2B</sup>	A1443C	OLIVE	455195	A-1805-A-625	MERIX	416271 <sup>2B</sup>	A1805C-133	ROCKW	450069
A140145	CASE	415991N	A1443C	OLIVE	472157 <sup>2B</sup>	A1805A-625	ROCKW	416271 <sup>2B</sup>	A1805C-133	ROCKW	473232
A1402	TMTR	450069	A14538	AMC	471442 <sup>2B</sup>	A-1805-A-79	MERIX	415001 <sup>2B</sup>	A-1805-C-159	MERIX	450352
A1402	TMTR	473232	A14629	JOHND	200110	A1805A-79	ROCKW	415001 <sup>2B</sup>	A-1805-C-159	MERIX	472164 <sup>2B</sup>
A1403	CATER	471766 <sup>2B</sup>	A148456	ALLCH	472012	A-1805-B-106	MERIX	470950 <sup>2B</sup>	A1805C-159	ROCKW	450352
A1403	TMTR	471766 <sup>2B</sup>	A14987	CASE	450121	A-1805-B-106	MERIX	6241S	A1805C-159	ROCKW	472164 <sup>2B</sup>
A1404	TMTR	471762 <sup>2B</sup>	A14987	CASE	472409 <sup>2B</sup>	A1805B-106	ROCKW	470950 <sup>2B</sup>	A-1805-C-185	MERIX	415725 <sup>2B</sup>
A-1405-A-1	MERIX	417316 <sup>2B</sup>	A149A	BR-WN	450076	A1805B-106	ROCKW	6241S	A1805C-185	ROCKW	415725 <sup>2B</sup>
A1405A-1	ROCKW	417316 <sup>2B</sup>	A149A	BR-WN	470334 <sup>2B</sup>	A-1805-B-132	MERIX	415045 <sup>2B</sup>	A-1805-C-237	MERIX	473474
A-1405-A-27X	MERIX	417601	A151	IRON	450076	A1805B-132	ROCKW	415045 <sup>2B</sup>	A1805C-237	ROCKW	473474
A1405A-27X	ROCKW	417601	A151	IRON	470334 <sup>2B</sup>	A-1805-B-2	MERIX	417487	A-1805-C-289	MERIX	471192
A-1405-C-3	MERIX	471267 <sup>2B</sup>	A155226	CASE	415559	A-1805-B-2	MERIX	455086	A-1805-C-289	ROCKW	471192
A1405C-3	ROCKW	471267 <sup>2B</sup>	A156577	CASE	473458 <sup>2B</sup>	A1805B-2	ROCKW	417487	A-1805-C-29	MERIX	416865 <sup>2B</sup>
A-1405-D-30X	MERIX	417357	A1625	CATER	481864	A1805B-2	ROCKW	455086	A1805C-29	ROCKW	416865 <sup>2B</sup>
A1405D-30X	ROCKW	417357	A1625	TMTR	481864	A-1805-B-236	MERIX	472015 <sup>2B</sup>	A-1805-C-3	MERIX	415960 <sup>2B</sup>
A-1405-D-4	MERIX	340483	A16356	CASE	417262 <sup>2B</sup>	A1805B-236	ROCKW	472015 <sup>2B</sup>	A-1805-C-3	MERIX	455009
A1405D-4	ROCKW	340483	A16356	CASE	455448	A-1805-B-262	MERIX	415458 <sup>2B</sup>	A1805C-3	ROCKW	415960 <sup>2B</sup>
A-1405-E-5	MERIX	415072	A164658	CASE	417485	A-1805-B-262	MERIX	455003	A1805C-3	ROCKW	455009
A1405E-5	ROCKW	415072	A16524	OLIVE	470120	A1805B-262	ROCKW	415458 <sup>2B</sup>	A-1805-C-315	MERIX	470898
A-1405-F-6	MERIX	471224 <sup>2B</sup>	A16524	OLIVE	471224 <sup>2B</sup>	A1805B-262	ROCKW	455003	A1805C-315	ROCKW	470898
A1405F-6	ROCKW	471224 <sup>2B</sup>	A16653	CASE	455330 <sup>2B</sup>	A-1805-B-262X	MERIX	415984 <sup>2B</sup>	A-1805-C-367	MERIX	473450
A-1405-G-7	MERIX	410316	A175836	AU-WS	416654 <sup>2B</sup>	A1805B-262X	ROCKW	415984 <sup>2B</sup>	A1805C-367	ROCKW	473450
A-1405-G-7	MERIX	472636 <sup>2B</sup>	A175836	AU-WS	455012	A-1805-B-28	MERIX	450316	A-1805-C-419	MERIX	470565 <sup>2B</sup>
A1405G-7	ROCKW	410316	A1797	TMTR	471689 <sup>2B</sup>	A-1805-B-28	MERIX	472636 <sup>2B</sup>	A1805C-419	ROCKW	470565 <sup>2B</sup>
A1405G-7	ROCKW	472636 <sup>2B</sup>	A1800	CASE	456967V <sup>2B</sup>	A1805B-28	ROCKW	450316	A-1805-C-549	MERIX	472439
A-1405-K-11	MERIX	472299	A-1805-A-1	MERIX	415023	A1805B-28	ROCKW	472636 <sup>2B</sup>	A1805C-549	ROCKW	472439
A1405K-11	ROCKW	472299	A1805A-1	ROCKW	415023	A-1805-B-288	MERIX	471341 <sup>2B</sup>	A-1805-C-575	MERIX	417247 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1805C-575	ROCKW	417247 <sup>28</sup>	A1805E-395	ROCKW	417570	A-1805-G-683	MERIX	471271 <sup>28</sup>	A1805J-400	ROCKW	472299
A-1805-C-705	MERIX	370064A	A-1805-E-473	MERIX	455035N	A1805G-683	ROCKW	450519	A-1805-J-478	MERIX	416364 <sup>28</sup>
A-1805-C-705	ROCKW	370064A	A1805E-473	ROCKW	455035N	A1805G-683	ROCKW	471271 <sup>28</sup>	A1805J-478	ROCKW	416364 <sup>28</sup>
A-1805-D-134	MERIX	450183	A-1805-E-5	MERIX	415023	A-1805-G-709	MERIX	416624N	A-1805-J-530	MERIX	415138 <sup>28</sup>
A-1805-D-134	MERIX	472179	A1805E-5	ROCKW	415023	A1805G-709	ROCKW	416624N	A1805J-530	ROCKW	415138 <sup>28</sup>
A1805D-134	ROCKW	450183	A-1805-E-57	MERIX	450078	A-1805-G-85	MERIX	470045	A-1805-J-556	MERIX	417205 <sup>28</sup>
A1805D-134	ROCKW	472179	A-1805-E-57	MERIX	473444	A-1805-G-85	MERIX	476838 <sup>28</sup>	A1805J-556	ROCKW	417205 <sup>28</sup>
A-1805-D-160	MERIX	450084 <sup>28</sup>	A1805E-57	ROCKW	450078	A1805G-85	ROCKW	470045	A-1805-J-608	MERIX	417134
A1805D-160	ROCKW	450084 <sup>28</sup>	A1805E-57	ROCKW	473444	A1805G-85	ROCKW	476838 <sup>28</sup>	A1805J-608	ROCKW	417134
A-1805-D-186	MERIX	473203	A-1805-E-577	MERIX	415447	A-1805-H-138	MERIX	471354 <sup>28</sup>	A-1805-J-62	MERIX	415995 <sup>28</sup>
A1805D-186	ROCKW	473203	A1805E-577	ROCKW	415447	A1805H-138	ROCKW	471354 <sup>28</sup>	A-1805-J-62	MERIX	455013
A-1805-D-212	MERIX	417484N	A-1805-E-603	MERIX	472397 <sup>28</sup>	A-1805-H-1386X	MERIX	417603 <sup>28</sup>	A1805J-62	ROCKW	415995 <sup>28</sup>
A1805D-212	ROCKW	417484N	A1805E-603	ROCKW	472397 <sup>28</sup>	A1805H-1386X	ROCKW	417603 <sup>28</sup>	A1805J-62	ROCKW	455013
A-1805-D-290	MERIX	473234 <sup>28</sup>	A-1805-E-695	MERIX	473214 <sup>28</sup>	A-1805-H-164	MERIX	416404 <sup>28</sup>	A-1805-J-686	MERIX	472492 <sup>28</sup>
A1805D-290	ROCKW	473234 <sup>28</sup>	A1805E-695	ROCKW	473214 <sup>28</sup>	A1805H-164	ROCKW	416404 <sup>28</sup>	A1805J-686	ROCKW	472492 <sup>28</sup>
A-1805-D-316	MERIX	415498	A-1805-F-110	MERIX	472144 <sup>28</sup>	A-1805-H-190	MERIX	415142	A-1805-K-11	MERIX	416288 <sup>28</sup>
A1805D-316	ROCKW	415498	A1805F-110	ROCKW	472144 <sup>28</sup>	A1805H-190	ROCKW	415142	A1805K-11	ROCKW	416288 <sup>28</sup>
A-1805-D-342	MERIX	417597	A-1805-F-136	MERIX	412119 <sup>28</sup>	A-1805-H-294	MERIX	412871 <sup>28</sup>	A-1805-K-141	MERIX	473471
A1805D-342	ROCKW	417597	A-1805-F-136	MERIX	450101	A-1805-H-294	MERIX	450329	A1805K-141	ROCKW	473471
A-1805-D-368	MERIX	471276	A1805F-136	ROCKW	412119 <sup>28</sup>	A1805H-294	ROCKW	412871 <sup>28</sup>	A-1805-K-193	MERIX	450085
A1805D-368	ROCKW	471276	A1805F-136	ROCKW	450101	A1805H-294	ROCKW	450329	A1805K-193	ROCKW	450085
A-1805-D-4	MERIX	417158 <sup>28</sup>	A-1805-F-162	MERIX	415086N	A-1805-H-398	MERIX	450867	A1805K-193	ROCKW	470530 <sup>28</sup>
A-1805-D-4	MERIX	455355	A-1805-F-162	MERIX	417487 <sup>28</sup>	A-1805-H-398	MERIX	470898	A1805K-193	ROCKW	470530 <sup>28</sup>
A1805D-4	ROCKW	417158 <sup>28</sup>	A1805F-162	ROCKW	415086N	A1805H-398	ROCKW	450867	A-1805-K-245	MERIX	6200
A1805D-4	ROCKW	455355	A1805F-162	ROCKW	417487 <sup>28</sup>	A1805H-398	ROCKW	470898	A1805K-245	ROCKW	6200
A-1805-D-498X	MERIX	472439	A-1805-F-240	MERIX	415656	A-1805-H-424	MERIX	455509	A-1805-K-297	MERIX	415035
A1805D-498X	ROCKW	472439	A1805F-240	ROCKW	415656	A1805H-424	ROCKW	455509	A1805K-297	ROCKW	415035
A-1805-D-550	MERIX	470530 <sup>28</sup>	A-1805-F-500	MERIX	8650S	A-1805-H-450	MERIX	470530 <sup>28</sup>	A-1805-K-37	MERIX	450076
A1805D-550	ROCKW	470530 <sup>28</sup>	A1805F-500	ROCKW	8650S	A1805H-450	ROCKW	470530 <sup>28</sup>	A-1805-K-37	MERIX	470334 <sup>28</sup>
A-1805-D-56	MERIX	473226	A-1805-F-526	MERIX	473204	A-1805-H-580	MERIX	416107 <sup>28</sup>	A1805K-37	ROCKW	450076
A1805D-56	ROCKW	473226	A1805F-526	ROCKW	473204	A1805H-580	ROCKW	416107 <sup>28</sup>	A1805K-37	ROCKW	470334 <sup>28</sup>
A-1805-D-576	MERIX	100494	A-1805-F-552	MERIX	473244 <sup>28</sup>	A-1805-H-60	MERIX	410312N	A-1805-K-375	MERIX	470565 <sup>28</sup>
A-1805-D-576	MERIX	416470N	A1805F-552	ROCKW	473244 <sup>28</sup>	A1805H-60	ROCKW	410312N	A1805K-375	ROCKW	470565 <sup>28</sup>
A-1805-D-576	ROCKW	100494	A-1805-F-578	MERIX	415147	A-1805-H-606	MERIX	473228 <sup>28</sup>	A-1805-K401	MERIX	470764 <sup>28</sup>
A-1805-D-576	ROCKW	416470N	A-1805-F-578	MERIX	415449 <sup>28</sup>	A-1805-H-606	MERIX	481837	A1805K401	ROCKW	470764 <sup>28</sup>
A-1805-D-82	MERIX	410316	A1805F-578	ROCKW	415147	A1805H-606	ROCKW	473228 <sup>28</sup>	A-1805-K-427	MERIX	450090
A-1805-D-82	MERIX	472636 <sup>28</sup>	A1805F-578	ROCKW	415449 <sup>28</sup>	A1805H-606	ROCKW	481837	A1805K-427	ROCKW	450090
A1805D-82	ROCKW	410316	A-1805-F-58	MERIX	455151	A-1805-H-86	MERIX	473211 <sup>28</sup>	A-1805-K-531	MERIX	470565 <sup>28</sup>
A1805D-82	ROCKW	472636 <sup>28</sup>	A1805F-58	ROCKW	455151	A1805H-86	ROCKW	473211 <sup>28</sup>	A1805K-531	ROCKW	470565 <sup>28</sup>
A-1805-E109	MERIX	471192	A-1805-F-630	MERIX	450540	A-1805-J-140	MERIX	410163	A-1805-K-557	MERIX	472258 <sup>28</sup>
A-1805-E-109	ROCKW	471192	A1805F-630	ROCKW	450540	A-1805-J-140	MERIX	471766 <sup>28</sup>	A1805K-557	ROCKW	472258 <sup>28</sup>
A-1805-E-135	MERIX	416921 <sup>28</sup>	A-1805-F-708	MERIX	415156N	A1805J-140	ROCKW	410163	A-1805-K-63	MERIX	412920 <sup>28</sup>
A-1805-E-135	MERIX	455011	A1805F-708	ROCKW	415156N	A1805J-140	ROCKW	471766 <sup>28</sup>	A-1805-K-63	MERIX	450132
A1805E-135	ROCKW	416921 <sup>28</sup>	A-1805-G-319	MERIX	472144 <sup>28</sup>	A-1805-J-166	MERIX	415016N	A1805K-63	ROCKW	412920 <sup>28</sup>
A1805E-135	ROCKW	455011	A1805G-319	ROCKW	472144 <sup>28</sup>	A1805J-166	ROCKW	415016N	A1805K-63	ROCKW	450132
A-1805-E-187	MERIX	412473 <sup>28</sup>	A-1805-G-371	MERIX	471984	A-1805-J-192	MERIX	470120	A-1805-K-89	MERIX	450082
A-1805-E-187	MERIX	415894	A1805G-371	ROCKW	471984	A-1805-J-192	MERIX	471224 <sup>28</sup>	A-1805-K-89	MERIX	473238
A1805E-187	ROCKW	412473 <sup>28</sup>	A-1805-G-423	MERIX	415379	A1805J-192	ROCKW	470120	A1805K-89	ROCKW	450082
A1805E-187	ROCKW	415894	A1805G-423	ROCKW	415379	A1805J-192	ROCKW	471224 <sup>28</sup>	A1805K-89	ROCKW	473238
A-1805-E-239	MERIX	455330 <sup>28</sup>	A-1805-G-579	MERIX	450069	A-1805-J-218	MERIX	472492 <sup>28</sup>	A-1805-L-12	MERIX	416654 <sup>28</sup>
A1805E-239	ROCKW	455330 <sup>28</sup>	A1805G-579	MERIX	473232	A1805J-218	ROCKW	472492 <sup>28</sup>	A-1805-L-12	MERIX	455012
A-1805-E-343	MERIX	415371	A1805G-579	ROCKW	450069	A-1805-J-296	MERIX	472164 <sup>28</sup>	A1805L-12	ROCKW	416654 <sup>28</sup>
A1805E-343	ROCKW	415371	A1805G-579	ROCKW	473232	A1805J-296	ROCKW	472164 <sup>28</sup>	A1805L-12	ROCKW	455012
A-1805-E-369	MERIX	370018A	A-1805-G-59	MERIX	472394	A-1805-J-348	MERIX	450365	A-1805-L-142	MERIX	470403
A-1805-E-369	MERIX	418028 <sup>28</sup>	A1805G-59	ROCKW	472394	A-1805-J-348	MERIX	470898 <sup>28</sup>	A-1805-L-142	MERIX	470774 <sup>28</sup>
A-1805-E-369	MERIX	455137	A-1805-G-605	MERIX	412473 <sup>28</sup>	A1805J-348	ROCKW	450365	A1805L-142	ROCKW	470403
A1805E-369	ROCKW	370018A	A-1805-G-605	MERIX	415894	A1805J-348	ROCKW	470898 <sup>28</sup>	A1805L-142	ROCKW	470774 <sup>28</sup>
A1805E-369	ROCKW	418028 <sup>28</sup>	A1805G-605	ROCKW	412473 <sup>28</sup>	A-1805-J-374	MERIX	415303 <sup>28</sup>	A-1805-L-168	MERIX	472164 <sup>28</sup>
A1805E-369	ROCKW	455137	A1805G-605	ROCKW	415894	A1805J-374	ROCKW	415303 <sup>28</sup>	A1805L-168	ROCKW	472164 <sup>28</sup>
A-1805-E-395	MERIX	417570	A-1805-G-683	MERIX	450519	A-1805-J-400	MERIX	472299	A-1805-L-194	MERIX	475380N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1805L-194	ROCKW	475380N	A1805M-611	ROCKW	417541	A1805P-458	ROCKW	415447	A1805Q69	ROCKW	470380 <sup>2B</sup>
A-1805-L-220	MERIX	473475	A-1805-M-65	MERIX	450084 <sup>2B</sup>	A-1805-P-484	MERIX	455195	A-1805-Q-693	MERIX	473232 <sup>2B</sup>
A1805L-220	ROCKW	473475	A1805M-65	ROCKW	450084 <sup>2B</sup>	A-1805-P-484	MERIX	472157 <sup>2B</sup>	A1805Q-693	ROCKW	473232 <sup>2B</sup>
A-1805-L-272	MERIX	472015 <sup>2B</sup>	A-1805-M-91	MERIX	415001 <sup>2B</sup>	A1805P-484	ROCKW	455195	A-1805-Q-95	MERIX	417344 <sup>2B</sup>
A1805L-272	ROCKW	472015 <sup>2B</sup>	A-1805-M-91	MERIX	455001	A1805P-484	ROCKW	472157 <sup>2B</sup>	A1805Q-95	ROCKW	417344 <sup>2B</sup>
A-1805-L-350	MERIX	416664 <sup>2B</sup>	A1805M-91	ROCKW	415001 <sup>2B</sup>	A-1805-P-536	MERIX	415483	A-1805-R-122	MERIX	416011
A-1805-L-350	MERIX	455364	A1805M-91	ROCKW	455001	A1805P-536	ROCKW	415483	A-1805-R-122	MERIX	417621 <sup>2B</sup>
A1805L-350	ROCKW	416664 <sup>2B</sup>	A-1805-N-118	MERIX	450154	A-1805-P-562	MERIX	417480 <sup>2B</sup>	A1805R-122	ROCKW	416011
A1805L-350	ROCKW	455364	A-1805-N-118	MERIX	473234	A-1805-P-562	MERIX	455860	A1805R-122	ROCKW	417621 <sup>2B</sup>
A-1805-L-376	MERIX	472185 <sup>2B</sup>	A1805N-118	ROCKW	450154	A1805P-562	ROCKW	417480 <sup>2B</sup>	A-1805-R-174	MERIX	415991
A1805L-376	ROCKW	472185 <sup>2B</sup>	A1805N-118	ROCKW	473234	A1805P-562	ROCKW	455860	A-1805-R-174	MERIX	455146 <sup>2B</sup>
A-1805-L-402	MERIX	415938	A-1805-N-248	MERIX	480630 <sup>2B</sup>	A-1805-P-588	MERIX	416294 <sup>2B</sup>	A1805R-174	ROCKW	415991
A1805L-402	ROCKW	415938	A1805N248	ROCKW	480630 <sup>2B</sup>	A1805P-588	ROCKW	416294 <sup>2B</sup>	A1805R-174	ROCKW	455146 <sup>2B</sup>
A-1805-L-454	MERIX	470605 <sup>2B</sup>	A-1805-N-300	MERIX	450194	A-1805-P-666	MERIX	473238 <sup>2B</sup>	A-1805-R-200	MERIX	472287 <sup>2B</sup>
A1805L-454	ROCKW	470605 <sup>2B</sup>	A-1805-N-300	MERIX	473010 <sup>2B</sup>	A1805P-666	ROCKW	473238 <sup>2B</sup>	A1805R-200	ROCKW	472287 <sup>2B</sup>
A-1805-L-532	MERIX	471887	A1805N-300	ROCKW	450194	A-1805-P-718	MERIX	415498	A-1805-R-226	MERIX	473237 <sup>2B</sup>
A1805L-532	ROCKW	471887	A1805N-300	ROCKW	473010 <sup>2B</sup>	A1805P-718	ROCKW	415498	A1805R-226	ROCKW	473237 <sup>2B</sup>
A-1805-L-558	MERIX	473215 <sup>2B</sup>	A-1805-N-40	MERIX	471787 <sup>2B</sup>	A-1805-P-94	MERIX	471787 <sup>2B</sup>	A-1805-R-278	MERIX	417562
A1805L-558	ROCKW	473215 <sup>2B</sup>	A1805N40	ROCKW	471787 <sup>2B</sup>	A1805P94	ROCKW	471787 <sup>2B</sup>	A1805R-278	ROCKW	417562
A-1805-L-584	MERIX	417172	A-1805-N-508	MERIX	456305	A-1805-Q-199	MERIX	450185	A-1805-R-304	MERIX	470351
A1805L-584	ROCKW	417172	A1805N-508	ROCKW	456305	A-1805-Q-199	MERIX	473229	A-1805-R-304	MERIX	471504 <sup>2B</sup>
A-1805-L-610	MERIX	473244 <sup>2B</sup>	A-1805-N-534	MERIX	415551	A1805Q-199	ROCKW	450185	A1805R-304	ROCKW	470351
A1805L-610	ROCKW	473244 <sup>2B</sup>	A1805N-534	ROCKW	415551	A1805Q-199	ROCKW	473229	A1805R-304	ROCKW	471504 <sup>2B</sup>
A-1805-L-64	MERIX	411253 <sup>2B</sup>	A-1805-N-638	MERIX	415281N	A-1805-Q-225	MERIX	410524	A-1805-R-330	MERIX	472179
A-1805-L-64	MERIX	450099	A1805N-638	ROCKW	415281N	A1805Q-225	ROCKW	410524	A1805R-330	ROCKW	472179
A1805L-64	ROCKW	411253 <sup>2B</sup>	A-1805-N-66	MERIX	415988	A-1805-Q-277	MERIX	455655 <sup>2B</sup>	A-1805-R-356	MERIX	415483 <sup>2B</sup>
A1805L-64	ROCKW	450099	A1805N-66	ROCKW	415988	A1805Q-277	ROCKW	455655 <sup>2B</sup>	A-1805-R-356	MERIX	455368
A-1805-L-688	MERIX	416294 <sup>2B</sup>	A-1805-N-673	MERIX	455121	A-1805-Q-303	MERIX	470737N	A1805R-356	ROCKW	415483 <sup>2B</sup>
A1805L-688	ROCKW	416294 <sup>2B</sup>	A1805N-673	ROCKW	455121	A1805Q-303	ROCKW	470737N	A1805R-356	ROCKW	455368
A-1805-L-90	MERIX	450456 <sup>2B</sup>	A-1805-P-120	MERIX	415013	A-1805-Q-307	MERIX	410519	A-1805-R-382	MERIX	471192
A1805L-90	ROCKW	450456 <sup>2B</sup>	A-1805-P-120	MERIX	415995 <sup>2B</sup>	A-1805-Q-307	MERIX	471271 <sup>2B</sup>	A1805R382	ROCKW	471192
A-1805-M-13	MERIX	415551	A1805P-120	ROCKW	415013	A1805Q-307	ROCKW	410519	A-1805-R-538	MERIX	415725 <sup>2B</sup>
A1805M-13	ROCKW	415551	A1805P-120	ROCKW	415995 <sup>2B</sup>	A1805Q-307	ROCKW	471271 <sup>2B</sup>	A1805R-538	ROCKW	415725 <sup>2B</sup>
A-1805-M-167	MERIX	473227 <sup>2B</sup>	A-1805-P-146	MERIX	450117	A-1805-Q-381	MERIX	450965	A-1805-R-564	MERIX	450803
A1805M-167	ROCKW	473227 <sup>2B</sup>	A-1805-P-146	MERIX	472572 <sup>2B</sup>	A1805Q-381	ROCKW	450965	A1805R-564	ROCKW	450803
A-1805-M-169	MERIX	473227 <sup>2B</sup>	A1805P-146	ROCKW	450117	A-1805-Q-407	MERIX	415234 <sup>2B</sup>	A-1805-R-590	MERIX	416047
A1805M-169	ROCKW	473227 <sup>2B</sup>	A1805P-146	ROCKW	472572 <sup>2B</sup>	A1805Q-407	ROCKW	415234 <sup>2B</sup>	A-1805-R-590	MERIX	416332 <sup>2B</sup>
A-1805-M-247	MERIX	480630 <sup>2B</sup>	A-1805-P-16	MERIX	415960	A-1805-Q-433	MERIX	472258 <sup>2B</sup>	A1805R-590	ROCKW	416047
A-1805-M-247	ROCKW	480630 <sup>2B</sup>	A1805P-16	ROCKW	415960	A1805Q-433	ROCKW	472258 <sup>2B</sup>	A1805R-590	ROCKW	416332 <sup>2B</sup>
A-1805-M-273	MERIX	473471	A-1805-P-198	MERIX	470806	A-1805-Q-485	MERIX	417211 <sup>2B</sup>	A-1805-R-616	MERIX	417357
A1805M-273	ROCKW	473471	A1805P-198	ROCKW	470806	A1805Q-485	ROCKW	417211 <sup>2B</sup>	A1805R-616	ROCKW	417357
A-1805-M-299	MERIX	455330 <sup>2B</sup>	A-1805-P-250	MERIX	471868	A-1805-Q-537	MERIX	416297	A-1805-R-694	MERIX	416664 <sup>2B</sup>
A1805M-299	ROCKW	455330 <sup>2B</sup>	A1805P-250	ROCKW	471868	A1805Q-537	ROCKW	416297	A1805R-694	ROCKW	416664 <sup>2B</sup>
A-1805-M-351	MERIX	473243	A-1805-P-276	MERIX	412119 <sup>2B</sup>	A-1805-Q-563	MERIX	410520	A-1805-R-96	MERIX	470088
A1805M-351	ROCKW	473243	A-1805-P-276	MERIX	450101	A-1805-Q-563	MERIX	471272 <sup>2B</sup>	A1805R-96	ROCKW	470088
A-1805-M-377	MERIX	417492	A1805P-276	ROCKW	412119 <sup>2B</sup>	A1805Q-563	ROCKW	410520	A-1805-S-123	MERIX	473473
A1805M-377	ROCKW	417492	A1805P-276	ROCKW	450101	A1805Q-563	ROCKW	471272 <sup>2B</sup>	A1805S-123	ROCKW	473473
A-1805-M-429	MERIX	455251H	A-1805-P-328	MERIX	340823	A-1805-Q-589	MERIX	415035 <sup>2B</sup>	A-1805-S-149	MERIX	476283N
A1805M-429	ROCKW	455251H	A1805P-328	ROCKW	340823	A-1805-Q-589	MERIX	415953	A1805S-149	ROCKW	476283N
A-1805-M-455	MERIX	417597	A-1805-P-354	MERIX	470898	A1805Q-589	ROCKW	415035 <sup>2B</sup>	A-1805-S175	MERIX	471765 <sup>2B</sup>
A1805M-455	ROCKW	417597	A1805P-354	ROCKW	470898	A1805Q-589	ROCKW	415953	A1805S175	ROCKW	471765 <sup>2B</sup>
A-1805-M-481	MERIX	55563	A-1805-P-380	MERIX	450489	A-1805-Q-615	MERIX	415854	A-1805-S-19	MERIX	450467
A1805M-481	ROCKW	55563	A-1805-P-380	MERIX	473244	A1805Q-615	ROCKW	415854	A1805S-19	ROCKW	450467
A-1805-M-533	MERIX	415327	A1805P-380	ROCKW	450489	A-1805-Q-667	MERIX	415035 <sup>2B</sup>	A-1805-S-220	MERIX	473475
A1805M-533	ROCKW	415327	A1805P-380	ROCKW	473244	A-1805-Q-667	MERIX	455035	A1805S-220	ROCKW	473475
A-1805-M-559	MERIX	471413 <sup>2B</sup>	A-1805-P-406	MERIX	415090	A1805Q-667	ROCKW	415035 <sup>2B</sup>	A-1805-S-227	MERIX	412027
A1805M-559	ROCKW	471413 <sup>2B</sup>	A1805P-406	ROCKW	415090	A1805Q-667	ROCKW	455035	A1805S-227	ROCKW	412027
A-1805-M-585	MERIX	415259 <sup>2B</sup>	A-1805-P-432	MERIX	417555 <sup>2B</sup>	A-1805-Q-69	MERIX	470059	A-1805-S-253	MERIX	470543
A1805M-585	ROCKW	415259 <sup>2B</sup>	A1805P-432	ROCKW	417555 <sup>2B</sup>	A-1805-Q-69	MERIX	470380 <sup>2B</sup>	A-1805-S-253	MERIX	474272 <sup>2B</sup>
A-1805-M-611	MERIX	417541	A-1805-P-458	MERIX	415447	A1805Q69	ROCKW	470059	A1805S-253	ROCKW	470543

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A1805S-253	ROCKW	474272 <sup>28</sup>	A-1805-T-384	MERIX	450101	A-1805-V-386	MERIX	472185 <sup>28</sup>	A1805X-128	KEN	472636 <sup>28</sup>
A-1805-S-279	MERIX	471570 <sup>28</sup>	A1805T-384	ROCKW	412119 <sup>28</sup>	A1805V-386	ROCKW	450070	A-1805-X-128	MERIX	450316
A1805S-279	ROCKW	471570 <sup>28</sup>	A1805T-384	ROCKW	450101	A1805V-386	ROCKW	472185 <sup>28</sup>	A-1805-X-128	MERIX	472636 <sup>28</sup>
A-1805-S-305	MERIX	470954 <sup>28</sup>	A-1805-T-410	MERIX	450365	A-1805-V-490	MERIX	417262 <sup>28</sup>	A1805X-128	ROCKW	450316
A-1805-S-305	MERIX	480954	A-1805-T-410	MERIX	470898	A-1805-V-490	MERIX	455448	A1805X-128	ROCKW	472636 <sup>28</sup>
A1805S-305	ROCKW	470954 <sup>28</sup>	A1805T-410	ROCKW	450365	A1805V-490	ROCKW	417262 <sup>28</sup>	A-1805-X-154	MERIX	411253 <sup>28</sup>
A1805S-305	ROCKW	480954	A1805T-410	ROCKW	470898	A1805V-490	ROCKW	455448	A1805X-154	ROCKW	411253 <sup>28</sup>
A-1805-S-331	MERIX	417354 <sup>28</sup>	A-1805-T-488	MERIX	415984 <sup>28</sup>	A-1805-V-516	MERIX	415389	A-1805-X-206	MERIX	415437
A1805S-331	ROCKW	417354 <sup>28</sup>	A1805T-488	ROCKW	415984 <sup>28</sup>	A1805V-516	ROCKW	415389	A1805X-206	ROCKW	415437
A-1805-S-357	MERIX	472439	A-1805-T-540	MERIX	415447	A-1805-V-516X	MERIX	415389	A-1805-X-232	MERIX	450444
A1805S-357	ROCKW	472439	A1805T-540	ROCKW	415447	A1805V-516X	ROCKW	415389	A-1805-X-232	MERIX	471835 <sup>28</sup>
A-1805-S-383	MERIX	471195 <sup>28</sup>	A-1805-T-618	MERIX	472705 <sup>28</sup>	A-1805-V-542	MERIX	416267 <sup>28</sup>	A1805X-232	ROCKW	450444
A-1805-S-383	MERIX	481195	A1805T-618	ROCKW	472705 <sup>28</sup>	A1805V-542	ROCKW	416267 <sup>28</sup>	A1805X-232	ROCKW	471835 <sup>28</sup>
A1805S-383	ROCKW	471195 <sup>28</sup>	A-1805-T-722	MERIX	471424 <sup>28</sup>	A-1805-V-568	MERIX	416865 <sup>28</sup>	A-1805-X-258	MERIX	415016N
A1805S-383	ROCKW	481195	A1805T-722	ROCKW	471424 <sup>28</sup>	A1805V-568	ROCKW	416865 <sup>28</sup>	A1805X-258	ROCKW	415016N
A-1805-S-409	MERIX	471341N	A-1805-T-98	MERIX	410183N	A-1805-V-620	MERIX	472179	A-1805-X-260	MERIX	417601
A1805S-409	ROCKW	471341N	A1805T-98	ROCKW	410183N	A1805V-620	ROCKW	472179	A1805X-260	ROCKW	417601
A-1805-S-487	MERIX	415004	A-1805-TSG-1	MERIX	472636 <sup>28</sup>	A-1805-V-724	MERIX	416706 <sup>28</sup>	A-1805-X-284	MERIX	455080
A-1805-S-487	MERIX	417316 <sup>28</sup>	A1805TSG-1	ROCKW	472636 <sup>28</sup>	A1805V-724	ROCKW	416706 <sup>28</sup>	A1805X-284	ROCKW	455080
A1805S-487	ROCKW	415004	A-1805-U-151	MERIX	416404 <sup>28</sup>	A-1805-V-74	MERIX	55353	A-1805-X-286	MERIX	410825
A1805S-487	ROCKW	417316 <sup>28</sup>	A1805U-151	ROCKW	416404 <sup>28</sup>	A1805V-74	ROCKW	55353	A1805X-286	ROCKW	410825
A-1805-S-513	MERIX	415281N	A-1805-U-177	MERIX	450039	A-1805-W-101	MERIX	473313	A-1805-X-336	MERIX	415483 <sup>28</sup>
A1805S-513	ROCKW	415281N	A1805U-177	ROCKW	450039	A1805W-101	ROCKW	473313	A-1805-X-336	MERIX	455368
A-1805-S-539	MERIX	471341 <sup>28</sup>	A-1805-U-203	MERIX	473214 <sup>28</sup>	A-1805-W-127	MERIX	415458 <sup>28</sup>	A1805X-336	ROCKW	415483 <sup>28</sup>
A1805S-539	ROCKW	471341 <sup>28</sup>	A1805U-203	ROCKW	473214 <sup>28</sup>	A-1805-W-127	MERIX	455003	A1805X-336	ROCKW	455368
A-1805-S-565	MERIX	473423	A-1805-U-255	MERIX	414268 <sup>28</sup>	A1805W-127	ROCKW	415458 <sup>28</sup>	A-1805-X-337	MERIX	455480 <sup>28</sup>
A1805S-565	ROCKW	473423	A-1805-U-255	ROCKW	414268 <sup>28</sup>	A1805W-127	ROCKW	455003	A1805X-337	ROCKW	455480 <sup>28</sup>
A-1805-S-617	MERIX	416892 <sup>28</sup>	A-1805-U-281	MERIX	455480 <sup>28</sup>	A-1805-W153	MERIX	473227	A-1805-X-362	MERIX	455186
A1805S-617	ROCKW	416892 <sup>28</sup>	A1805U-281	ROCKW	455480 <sup>28</sup>	A1805W153	ROCKW	473227	A1805X-362	ROCKW	455186
A-1805-S-643	MERIX	416556 <sup>28</sup>	A-1805-U-307	MERIX	450519	A-1805-W-257	MERIX	39302	A-1805-X-518	MERIX	416130 <sup>28</sup>
A1805S-643	ROCKW	416556 <sup>28</sup>	A1805U-307	MERIX	471271 <sup>28</sup>	A1805W-257	ROCKW	39302	A1805X-518	ROCKW	416130 <sup>28</sup>
A-1805-S-643	MERIX	472157	A1805U-307	ROCKW	450519	A-1805-W-335	MERIX	415281N	A-1805-X-544	MERIX	416130 <sup>28</sup>
A1805S-643	ROCKW	472157	A1805U-307	ROCKW	471271 <sup>28</sup>	A1805W-335	ROCKW	415281N	A1805X-544	ROCKW	416130 <sup>28</sup>
A-1805-S-695	MERIX	473214 <sup>28</sup>	A-1805-U-333	MERIX	413246	A-1805-W-413	MERIX	450352	A-1805-X-648	MERIX	471224 <sup>28</sup>
A1805S-695	ROCKW	473214 <sup>28</sup>	A-1805-U-333	MERIX	413246N	A-1805-W-413	MERIX	472164 <sup>28</sup>	A-1805-X-648	ROCKW	471224 <sup>28</sup>
A-1805-S-71	MERIX	475234N	A1805U-333	ROCKW	413246	A1805W-413	ROCKW	450352	A-1805-Y-103	MERIX	450291
A1805S-71	ROCKW	475234N	A1805U-333	ROCKW	413246N	A1805W-413	ROCKW	472164 <sup>28</sup>	A-1805-Y-103	MERIX	471141 <sup>28</sup>
A-1805-S-721	MERIX	415449 <sup>28</sup>	A-1805-U-381	MERIX	450965	A-1805-W-439	MERIX	450441	A1805Y-103	ROCKW	450291
A-1805-S-721	MERIX	455147	A1805U-381	ROCKW	450965	A-1805-W-439	MERIX	471341 <sup>28</sup>	A1805Y-103	ROCKW	471141 <sup>28</sup>
A1805S-721	ROCKW	415449 <sup>28</sup>	A-1805-U-47	MERIX	417205 <sup>28</sup>	A1805W-439	ROCKW	450441	A-1805-Y-105	MERIX	450291
A1805S-721	ROCKW	455147	A1805U-47	ROCKW	417205 <sup>28</sup>	A1805W-439	ROCKW	471341 <sup>28</sup>	A-1805-Y-105	MERIX	471141 <sup>28</sup>
A-1805-T-124	MERIX	410316	A-1805-U-515	MERIX	410101N	A-1805-W-465	MERIX	415009	A1805Y-105	ROCKW	450291
A-1805-T-124	MERIX	472636 <sup>28</sup>	A1805U-515	ROCKW	410101N	A-1805-W-465	MERIX	415960 <sup>28</sup>	A1805Y-105	ROCKW	471141 <sup>28</sup>
A1805T-124	ROCKW	410316	A-1805-U-541	MERIX	415447	A1805W-465	ROCKW	415009	A-1805-Y-129	MERIX	415449 <sup>28</sup>
A1805T-124	ROCKW	472636 <sup>28</sup>	A1805U-541	ROCKW	415447	A1805W-465	ROCKW	415960 <sup>28</sup>	A-1805-Y-129	MERIX	455147
A-1805-T-20	MERIX	470088	A-1805-U-567	MERIX	416321	A-1805-W-517	MERIX	416271 <sup>28</sup>	A1805Y-129	ROCKW	415449 <sup>28</sup>
A1805T-20	ROCKW	470088	A1805U-567	ROCKW	416321	A1805W-517	ROCKW	416271 <sup>28</sup>	A1805Y-129	ROCKW	455147
A-1805-T-228	MERIX	417316 <sup>28</sup>	A-1805-U-645	MERIX	471424 <sup>28</sup>	A-1805-W-543	MERIX	415303 <sup>28</sup>	A-1805-Y-207	MERIX	480630 <sup>28</sup>
A1805T-228	ROCKW	417316 <sup>28</sup>	A1805U-645	ROCKW	471424 <sup>28</sup>	A1805W-543	ROCKW	415303 <sup>28</sup>	A1805Y207	ROCKW	480630 <sup>28</sup>
A-1805-T-254	MERIX	471827 <sup>28</sup>	A-1805-U-723	MERIX	370018A	A-1805-W-569	MERIX	455186	A-1805-Y-233	MERIX	415304
A1805T-254	ROCKW	471827 <sup>28</sup>	A1805U-723	ROCKW	370018A	A1805W-569	ROCKW	455186	A-1805-Y-233	MERIX	476470 <sup>28</sup>
A-1805-T-306	MERIX	450389	A-1805-V-152	MERIX	475012N	A-1805-W-647	MERIX	450523	A1805Y-233	ROCKW	415304
A-1805-T-306	MERIX	472492 <sup>28</sup>	A-1805-V-152	ROCKW	475012N	A1805W-647	ROCKW	450523	A1805Y-233	ROCKW	476470 <sup>28</sup>
A1805T-306	ROCKW	450389	A-1805-V-256	MERIX	455134 <sup>28</sup>	A-1805-W-725	MERIX	370008A	A-1805-Y-259	MERIX	415001 <sup>28</sup>
A1805T-306	ROCKW	472492 <sup>28</sup>	A1805V-256	ROCKW	455134 <sup>28</sup>	A1805W-725	ROCKW	370008A	A-1805-Y-259	MERIX	455001
A-1805-T-358	MERIX	450082	A-1805-V-308	MERIX	417600	A-1805-X-104	MERIX	415147	A1805Y-259	ROCKW	415001 <sup>28</sup>
A-1805-T-358	MERIX	473238	A1805V-308	ROCKW	417600	A-1805-X-104	MERIX	415449 <sup>28</sup>	A1805Y-259	ROCKW	455001
A1805T-358	ROCKW	450082	A-1805-V-334	MERIX	471192	A1805X-104	ROCKW	415147	A-1805-Y-285	MERIX	410524
A1805T-358	ROCKW	473238	A1805V334	ROCKW	471192	A1805X-104	ROCKW	415449 <sup>28</sup>	A1805Y-285	ROCKW	410524
A-1805-T-384	MERIX	412119 <sup>28</sup>	A-1805-V-386	MERIX	450070	A1805X-128	KEN	450316	A-1805-Y-311	MERIX	415991

**INTERCHANGE SECTION**
<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A-1805-Y-311	ROCKW	415991	A-1805-Z-52	MERIX	455014	A-205-F-939	MERIX	473239	A26671	WHITE	473444
A-1805-Y-337	MERIX	455480 <sup>2B</sup>	A1805Z-52	ROCKW	417487	A205F-939	ROCKW	450298	A26758	CASE	470045
A1805Y-337	ROCKW	455480 <sup>2B</sup>	A1805Z-52	ROCKW	455014	A205F-939	ROCKW	473239	A26758	CASE	476838 <sup>2B</sup>
A-1805-Y-401	MERIX	470764 <sup>2B</sup>	A-1805-Z-520	MERIX	415281N	A-205-F-960	MERIX	476470	A26759	CASE	417344 <sup>2B</sup>
A1805Y401	ROCKW	470764 <sup>2B</sup>	A1805Z-520	ROCKW	415281N	A205F-960	ROCKW	476470	A26759	CASE	455006
A-1805-Y-493	MERIX	327303 <sup>2B</sup>	A-1805-Z-546	MERIX	8907	A-205-F-997	MERIX	471138 <sup>2B</sup>	A26760	CASE	450070
A-1805-Y-493	ROCKW	327303 <sup>2B</sup>	A1805Z-546	ROCKW	8907	A205F-997	ROCKW	471138 <sup>2B</sup>	A26760	CASE	472185 <sup>2B</sup>
A-1805-Y-51	MERIX	415023	A-1805-Z-572	MERIX	473239 <sup>2B</sup>	A-205-P-1022	MERIX	450073	A26770	CASE	415001 <sup>2B</sup>
A1805Y-51	ROCKW	415023	A1805Z-572	ROCKW	473239 <sup>2B</sup>	A205P-1022	ROCKW	450073	A26770	CASE	455001
A-1805-Y-519	MERIX	415004	A-1805-Z-598	MERIX	470605 <sup>2B</sup>	A-205-P-1024	MERIX	417485	A26777	CASE	472287 <sup>2B</sup>
A-1805-Y-519	MERIX	417316 <sup>2B</sup>	A1805Z-598	ROCKW	470605 <sup>2B</sup>	A205P-1024	ROCKW	417485	A26778	CASE	471466 <sup>2B</sup>
A1805Y-519	ROCKW	415004	A18185	CASE	470308N	A206X	FMC	340009S	A26842	CASE	450474
A1805Y-519	ROCKW	417316 <sup>2B</sup>	A187	SPICE	473215 <sup>2B</sup>	A2075	MINNM	472144 <sup>2B</sup>	A26849	CASE	470120
A-1805-Y-545	MERIX	417191	A187	TRUK	473215 <sup>2B</sup>	A207X	FMC	350954	A26849	CASE	471224 <sup>2B</sup>
A1805Y-545	ROCKW	417191	A19284	OLIVE	473215 <sup>2B</sup>	A207X	FMC	470954 <sup>2B</sup>	A26862	CASE	471570 <sup>2B</sup>
A-1805-Y-597	MERIX	450301	A193983	IH	415035	A20939	CASE	415984 <sup>2B</sup>	A26870	THEW	416921 <sup>2B</sup>
A-1805-Y-597	MERIX	472397 <sup>2B</sup>	A19630	TIMKE	415138 <sup>2B</sup>	A212039	GMC	416229	A26870	THEW	455011
A1805Y-597	ROCKW	450301	A1978	JAC	474260	A212040	GMC	416239 <sup>2B</sup>	A26987	THEW	416556 <sup>2B</sup>
A1805Y-597	ROCKW	472397 <sup>2B</sup>	A1ES17908	MERIX	455655 <sup>2B</sup>	A21273	MERIX	470169	A26987	THEW	472157
A-1805-Y-727	MERIX	450298	A1ES17908	ROCKW	455655 <sup>2B</sup>	A21273	MERIX	473214	A27086	WHITE	450066
A-1805-Y-727	MERIX	473239	A1ES20065	MERIX	415379 <sup>2B</sup>	A21273	ROCKW	470169	A27086	WHITE	473367 <sup>2B</sup>
A1805Y-727	ROCKW	450298	A1ES20065	MERIX	455379	A21273	ROCKW	473214	A27130	CASE	417316 <sup>2B</sup>
A1805Y-727	ROCKW	473239	A1ES20065	ROCKW	415379 <sup>2B</sup>	A-215-F-964	MERIX	2081	A272	COTTA	470950 <sup>2B</sup>
A-1805-Y-77	MERIX	455018	A1ES20065	ROCKW	455379	A-215-F-964	ROCKW	2081	A272	COTTA	6241S
A-1805-Y-77	MERIX	476470	A20288	CASE	410752	A21878	CASE	415725 <sup>2B</sup>	A-27267	HENDR	370025A
A1805Y-77	ROCKW	455018	A-205-F-1019	MERIX	475009N	A223897	GMC	55469	A-27267	HENDR	380025A
A1805Y-77	ROCKW	476470	A205F-1019	ROCKW	475009N	A223898	CASE	470064	A-27268	HENDR	370065A
A-1805-Z-104	MERIX	415147	A-205-F-1023	MERIX	410101N	A223898	CASE	471821 <sup>2B</sup>	A-27268	HENDR	380065A
A-1805-Z-104	MERIX	415449 <sup>2B</sup>	A205F-1023	ROCKW	410101N	A223899	CASE	415449 <sup>2B</sup>	A27415	CASE	415458 <sup>2B</sup>
A1805Z-104	ROCKW	415147	A-205-F-1029	MERIX	415086N	A223899	CASE	455147	A27415	CASE	455003
A1805Z-104	ROCKW	415449 <sup>2B</sup>	A-205-F-1029	MERIX	417487 <sup>2B</sup>	A224015	CASE	471689 <sup>2B</sup>	A27464	CASE	455566
A-1805-Z-130	MERIX	415003	A205F-1029	ROCKW	415086N	A23903	CASE	471224 <sup>2B</sup>	A276919	NAPCO	471267 <sup>2B</sup>
A-1805-Z-130	MERIX	415458 <sup>2B</sup>	A205F-1029	ROCKW	417487 <sup>2B</sup>	A24122	CASE	474278	A27701	WHITE	416738 <sup>2B</sup>
A1805Z-130	ROCKW	415003	A-205-F-1032	MERIX	416888 <sup>2B</sup>	A245	SPICE	470606 <sup>2B</sup>	A27701	WHITE	450096
A1805Z-130	ROCKW	415458 <sup>2B</sup>	A-205-F-1032	MERIX	455200	A2471	TMTR	473448	A27705	CASE	417344 <sup>2B</sup>
A-1805-Z-182	MERIX	471689 <sup>2B</sup>	A205F-1032	ROCKW	416888 <sup>2B</sup>	A249A	BR-WN	450291	A27705	CASE	455006
A-1805-Z-182	ROCKW	471689 <sup>2B</sup>	A205F-1032	ROCKW	455200	A249A	BR-WN	471141 <sup>2B</sup>	A27838	CASE	415003
A-1805-Z-234	MERIX	450121	A-205-F-1034	MERIX	416888 <sup>2B</sup>	A25153	CASE	475009N	A27838	CASE	415458 <sup>2B</sup>
A-1805-Z-234	MERIX	472409 <sup>2B</sup>	A205F-1034	ROCKW	416888 <sup>2B</sup>	A25235	CASE	471341 <sup>2B</sup>	A279A	OLIVE	472705 <sup>2B</sup>
A1805Z-234	ROCKW	450121	A-205-F-713	MERIX	415379 <sup>2B</sup>	A25244	CASE	470898	A28	LAVIN	471652
A1805Z-234	ROCKW	472409 <sup>2B</sup>	A-205-F-713	MERIX	455379	A25407	CASE	471554 <sup>2B</sup>	A28096	THEW	450316
A-1805-Z-26	MERIX	340483	A205F-713	ROCKW	415379 <sup>2B</sup>	A25618	AMC	471579	A28096	THEW	472636 <sup>2B</sup>
A1805Z-26	ROCKW	340483	A205F-713	ROCKW	455379	A256A	OLIVE	450043	A28138	CASE	415379
A-1805-Z-260	MERIX	417601	A-205-F-841	MERIX	450389	A256A	OLIVE	473419	A28164	WHITE	415988
A1805Z-260	ROCKW	417601	A-205-F-841	MERIX	472492 <sup>2B</sup>	A25897	WHITE	473215 <sup>2B</sup>	A28187	CASE	418028
A-1805-Z-286	MERIX	410825	A205F-841	ROCKW	450389	A26190	WHITE	470059	A28187	CASE	455137 <sup>2B</sup>
A1805Z-286	ROCKW	410825	A205F-841	ROCKW	472492 <sup>2B</sup>	A26190	WHITE	470380 <sup>2B</sup>	A28192	WHITE	450085
A-1805-Z-338	MERIX	412027	A-205-F-847	MERIX	410987 <sup>2B</sup>	A26191	WHITE	450593 <sup>2B</sup>	A28192	WHITE	470530 <sup>2B</sup>
A1805Z-338	ROCKW	412027	A-205-F-847	MERIX	450686	A261997	GMC	472439	A28238	CASE	470169
A-1805-Z-364	MERIX	471316	A205F-847	ROCKW	410987 <sup>2B</sup>	A26365	WHITE	470050	A28238	CASE	473214
A1805Z-364	ROCKW	471316	A205F-847	ROCKW	450686	A26409	US-EL	470062	A28317	CASE	470219
A-1805-Z-442	MERIX	415447	A-205-F-863	MERIX	415281N	A26409	US-EL	474264	A28317	CASE	471649 <sup>2B</sup>
A1805Z-442	ROCKW	415447	A205F-863	ROCKW	415281N	A26410	US-EL	417171 <sup>2B</sup>	A28549	CASE	415003
A-1805-Z-494	MERIX	470567	A-205-F-886	MERIX	412119 <sup>2B</sup>	A26500	WHITE	471281 <sup>2B</sup>	A28549	CASE	415458 <sup>2B</sup>
A-1805-Z-494	MERIX	471267 <sup>2B</sup>	A205F-886	ROCKW	412119 <sup>2B</sup>	A265638	MASSE	473228 <sup>2B</sup>	A287818	CASE	411245 <sup>2B</sup>
A1805Z-494	ROCKW	470567	A-205-F-911	MERIX	415836	A26586	KOEH	416865 <sup>2B</sup>	A287818	CASE	455096
A1805Z-494	ROCKW	471267 <sup>2B</sup>	A-205-F-911	MERIX	415995 <sup>2B</sup>	A26586	KOEH	455070	A28963	WHITE	470077
A-1805-Z-494X	MERIX	471267 <sup>2B</sup>	A205F-911	ROCKW	415836	A265987	THEW	416556 <sup>2B</sup>	A28963	WHITE	474281 <sup>2B</sup>
A1805Z-494X	ROCKW	471267 <sup>2B</sup>	A205F-911	ROCKW	415995 <sup>2B</sup>	A265987	THEW	472157	A-29056	HENDR	370003A
A-1805-Z-52	MERIX	417487	A-205-F-939	MERIX	450298	A26671	WHITE	450078	A-29056	HENDR	380003A

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A29287EX	OLIVE	470163	A31179	LEROI	471554 <sup>28</sup>	A4068128	BRWNG	471516 <sup>28</sup>	A45437	TROS	60X80X8 <sup>28</sup>
A29287EX	OLIVE	471766 <sup>28</sup>	A31228	CASE	473215 <sup>28</sup>	A4068771	BRWNG	470989	A45443S	L&S	473238 <sup>28</sup>
A293811	MASSE	415351 <sup>28</sup>	A312648	BORGW	472439	A4068797	BRWNG	471612	A45443S	TROS	473238 <sup>28</sup>
A29424	CASE	450066	A312648009	BORGW	472439	A4068813	BRWNG	481397	A45447S	L&S	1049
A29424	CASE	473367 <sup>28</sup>	A31396	LEROI	40027S	A4068821	BRWNG	471612	A45447S	TROS	1049
A296173	CHRYS	416011	A314087X1	BORGW	472185 <sup>28</sup>	A4068839	BRWNG	481859	A45449S	L&S	472299
A296173	CHRYS	417621 <sup>28</sup>	A32015	CASE	415137 <sup>28</sup>	A4080388	BRWNG	473458 <sup>28</sup>	A45458	TROS	224045
A29762	WHITE	470120	A32015	CASE	418028	A4107	TMTR	41264S	A45459	L&S	224045
A29762	WHITE	471224 <sup>28</sup>	A32275X	WHITE	412920 <sup>28</sup>	A4179	CASE	470351	A45459S	L&S	224045
A2TZ7052A	FORD	410059	A32275X	WHITE	450132	A4179	CASE	471504 <sup>28</sup>	A45463	L&S	470898
A2TZ7052A	FORD	470380 <sup>28</sup>	A32304	CASE	413247 <sup>28</sup>	A41814	CASE	417499	A45463	TROS	470898
A30102	CASE	455134 <sup>28</sup>	A32305	CASE	415984 <sup>28</sup>	A43103	THEW	416476 <sup>28</sup>	A45472	TROS	472164 <sup>28</sup>
A3018A	GAL	473228 <sup>28</sup>	A32308	CASE	340849	A43103	THEW	455075	A45476	TROS	224040
A3018A	HOUGH	473228 <sup>28</sup>	A32419	CASE	J1103	A43125	THEW	416239 <sup>28</sup>	A45476	TROS	40X60X10
A3018A	OLIVE	473228 <sup>28</sup>	A32583	WHITE	473213 <sup>28</sup>	A43146	THEW	417602 <sup>28</sup>	A45496	TROS	471224 <sup>28</sup>
A3019A	GAL	450067	A32803	CASE	J1125	A4330	BLUE	450361	A45496S	L&S	471224 <sup>28</sup>
A3019A	GAL	473228	A32807	CASE	417499	A4330	BLUE	472193 <sup>28</sup>	A45513	TROS	416664 <sup>28</sup>
A3019A	HOUGH	450067	A33734	CASE	471195 <sup>28</sup>	A447	JAC	471137	A45518	TROS	471195 <sup>28</sup>
A3019A	HOUGH	473228	A33734	CASE	481195	A45350	TROS	9015S	A45518	TROS	481195
A3019A	OLIVE	450067	A34656	CASE	415150 <sup>28</sup>	A45350S	L&S	9015S	A45521	HYST	473226
A3019A	OLIVE	473228	A3517	CATER	473010 <sup>28</sup>	A45351	L&S	484058	A45537	L&S	227040
A3019B	OLIVE	472394	A3517	TMTR	473010 <sup>28</sup>	A45351	TROS	484058	A45537	L&S	70X90X10
A30302	CASE	473426	A35340	WHITE	473215 <sup>28</sup>	A45352S	L&S	8597S	A45537	L&S	28
A30323	CASE	472287 <sup>28</sup>	A35372	WHITE	417316 <sup>28</sup>	A45352S	TROS	8597S	A45537	TROS	227040
A303478	BORGW	417210 <sup>28</sup>	A35372	WHITE	455004	A45353S	L&S	473228	A45537	TROS	70X90X10
A3035	GAL	471570 <sup>28</sup>	A35414	WHITE	472234	A45353S	L&S	51098	A45542S	L&S	2443
A3035	HOUGH	471570 <sup>28</sup>	A35585	THEW	55030	A45353S	TROS	473228	A45542S	TROS	2443
A3035	OLIVE	471570 <sup>28</sup>	A35650	WHITE	450352	A45353S	TROS	51098	A45543S	L&S	2503N
A303755	BORGW	470712 <sup>28</sup>	A35650	WHITE	472164 <sup>28</sup>	A45357S	L&S	8429S	A45543S	TROS	2503N
A30380	CASE	473466	A35652	WHITE	415025	A45357S	TROS	8429S	A45549	L&S	1174
A30501	CASE	450316	A35848	WHITE	40566S	A45358S	L&S	8549S	A45549S	TROS	1174
A30501	CASE	472636 <sup>28</sup>	A362X4	CASE	6863S <sup>28</sup>	A45358S	TROS	8549S	A45553S	L&S	224015
A30527	CASE	471192	A364X17	CASE	40395	A45360S	L&S	472082	A45553S	TROS	224015
A30559	CASE	470163	A364X17	CASE	40395S	A45360S	TROS	472082	A45554S	L&S	224045
A30559	CASE	471766 <sup>28</sup>	A364X3	BU-SP	330385 <sup>28</sup>	A45363S	L&S	332062	A45555S	L&S	1180
A30590	CASE	471529	A36609	CASE	473467	A45363S	TROS	332062	A45555S	L&S	41X55X7 <sup>28</sup>
A30600	CASE	450431	A37147	CASE	412871 <sup>28</sup>	A45364S	L&S	480479H	A45556S	L&S	41X56X7 <sup>28</sup>
A30600	CASE	471539 <sup>28</sup>	A37147	CASE	450329	A45364S	TROS	473445	A45556S	TROS	41X56X7 <sup>28</sup>
A30606	CASE	450441	A37558	CASE	471281 <sup>28</sup>	A45365P	TROS	8460N	A45557S	TROS	1167
A30606	CASE	471341 <sup>28</sup>	A37611	CASE	471192	A45366S	L&S	8430S	A45558S	L&S	1183
A30639	WHITE	412920 <sup>28</sup>	A37647	CASE	472350 <sup>28</sup>	A45366S	TROS	8430S	A45558S	TROS	1183
A30639	WHITE	450132	A380859	CHRYS	416865 <sup>28</sup>	A45369P	TROS	8460N	A45563S	L&S	1188
A30684	AMC	471255 <sup>28</sup>	A380859	CHRYS	455070	A45400	TROS	470712 <sup>28</sup>	A45563S	TROS	1188
A30721	DURA	470169	A380861	CHRYS	415645 <sup>28</sup>	A45406S	TROS	473010 <sup>28</sup>	A45564	L&S	1960
A30721	DURA	473214 <sup>28</sup>	A380861	CHRYS	455104	A45409S	TROS	471192	A45564	TROS	1960
A3105	OLIVE	455195	A38231	CASE	412871 <sup>28</sup>	A45410	L&S	1012N	A45565	L&S	1955
A3105	OLIVE	472157 <sup>28</sup>	A383	TMTR	473442 <sup>28</sup>	A45410	TROS	1012N	A45565	L&S	52X65X9 <sup>28</sup>
A3106	TMTR	323138 <sup>28</sup>	A3868AB	CASE	473215 <sup>28</sup>	A45411S	TROS	472492 <sup>28</sup>	A45565	TROS	1955
A3107	AM CA	417316 <sup>28</sup>	A39273	CASE	471341 <sup>28</sup>	A45413	TROS	472164 <sup>28</sup>	A45565	L&S	52X65X9 <sup>28</sup>
A3107	AM CA	455004	A39441	CASE	471442 <sup>28</sup>	A45414	TROS	472258 <sup>28</sup>	A45565	TROS	1955
A31101	LEROI	450446	A39453	CASE	330663	A45420	TROS	471787 <sup>28</sup>	A45565	TROS	52X65X9 <sup>28</sup>
A3111	HOUGH	416271 <sup>28</sup>	A39453	CASE	472354 <sup>28</sup>	A45426	TROS	472299	A45571S	L&S	1196
A3111	OLIVE	416271 <sup>28</sup>	A39666	CASE	473010 <sup>28</sup>	A45428	L&S	472299	A45583S	L&S	1208
A31139	LEROI	473225 <sup>28</sup>	A3994	CASE	415458 <sup>28</sup>	A45428	TROS	471571	A45583S	L&S	48X72X7 <sup>28</sup>
A311540	BORGW	J1121	A3994	CASE	455003	A45431	TROS	330385 <sup>28</sup>	A45583S	TROS	1208
A311540009	BORGW	J1121	A-405-F-2	MERIX	55337	A45435	L&S	1037	A45583S	TROS	48X72X7 <sup>28</sup>
A31171	LEROI	450803	A405F-2	ROCKW	55337	A45435	TROS	1037	A45584S	L&S	1209
A31178	CASE	470027	A-405-F-4	MERIX	455583N <sup>28</sup>	A45437	L&S	226020	A45584S	TROS	1209
A31178	CASE	471554 <sup>28</sup>	A405F-4	ROCKW	455583N <sup>28</sup>	A45437	L&S	60X80X8 <sup>28</sup>	A45588	L&S	1213N
A31179	LEROI	470027	A4068128	BRWNG	321516	A45437	TROS	226020	A45588	TROS	1213N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A45589	L&S	42X55X8 <sup>2B</sup>	A45830R	L&S	713750	A46222	TROS	416624N	A46429	TROS	370002A
A45599	CASE	471765 <sup>2B</sup>	A45905S	TROS	474278	A46234	L&S	6064	A46429S	L&S	370002A
A45612	L&S	5070	A45918	L&S	450666	A46234	TROS	6064	A46431S	L&S	6460S
A45612	TROS	5070	A45918	TROS	450666	A46235	TROS	413478	A46441	TROS	417223
A45613K	L&S	5072	A45932	TROS	5727	A46242	TROS	412871 <sup>2B</sup>	A46447	L&S	455566
A45613K	TROS	5072	A45937	TROS	410312N	A46242	TROS	450329	A46447S	TROS	455566
A45658K	L&S	5313	A45948	L&S	5751	A46243	TROS	473473	A46450	L&S	471829
A45658K	TROS	5313	A45948	TROS	5751	A46244	L&S	353141 <sup>2B</sup>	A46450	TROS	471829
A45664K	L&S	5201	A45950	L&S	5756	A46244	TROS	353141 <sup>2B</sup>	A46454	TROS	472015 <sup>2B</sup>
A45664K	TROS	5201	A45950	TROS	5756	A46247	TROS	6090S	A46460	L&S	410708
A45701K	L&S	7512SSO	A45957	L&S	471141 <sup>2B</sup>	A46247S	L&S	6090S	A46460	TROS	410708
A45701K	TROS	7512SSO	A45957	TROS	471141 <sup>2B</sup>	A46248	TROS	471442 <sup>2B</sup>	A46468	TROS	6545
A45703K	L&S	5403	A45961	L&S	5778	A46257	TROS	473463	A46474S	TROS	415147
A45703K	TROS	5403	A45961	TROS	5778	A46258	TROS	410708	A46474S	TROS	415449 <sup>2B</sup>
A45708K	L&S	5408	A45974	L&S	473450 <sup>2B</sup>	A46272	TROS	6163S	A46475	TROS	6565N
A45708K	TROS	5408	A45974	TROS	473450 <sup>2B</sup>	A46272S	L&S	6163S	A46477	TROS	416888 <sup>2B</sup>
A45714K	L&S	5414	A45976	TROS	5796	A46273	L&S	452222 <sup>2B</sup>	A46477S	L&S	416888 <sup>2B</sup>
A45714K	TROS	5414	A45981	L&S	414045 <sup>2B</sup>	A46273	TROS	452222 <sup>2B</sup>	A46478	TROS	6575S
A45719K	L&S	5419	A45981	TROS	414045 <sup>2B</sup>	A46281	L&S	6186	A46478S	L&S	6575S
A45719K	TROS	5419	A45987	TROS	450307	A46281	TROS	6186	A46481	TROS	6584S
A45758K	L&S	5458	A45988	TROS	6064	A46300	TROS	6200	A46481S	L&S	6584S
A45758K	TROS	5458	A45992	TROS	450365	A46310	TROS	471271 <sup>2B</sup>	A46483S	L&S	6590S
A45760K	L&S	5460	A45992	TROS	470898	A46317	L&S	6241S	A46483S	TROS	6590S
A45760K	TROS	5460	A45998	L&S	5827	A46317	TROS	6241S	A46488S	TROS	6597S
A45764K	TROS	370002A	A45998	TROS	5827	A46325	L&S	6270	A46501S	L&S	6612S
A45765K	L&S	370009A	A46004	L&S	5836	A46325	TROS	370008A	A46501S	TROS	6612S
A45765K	TROS	370009A	A46004	TROS	5836	A46326S	L&S	6283S	A46505S	L&S	6626S
A45765K	TROS	380009A	A46009	TROS	6064	A46326S	TROS	6283S	A46509S	L&S	6635S
A45767K	TROS	370019A	A46016	L&S	5857	A46328S	L&S	470351	A46509S	TROS	370030A
A45768K	TROS	370005A	A46016	TROS	5857	A46332	L&S	6312	A46510S	L&S	6636S
A45771K	TROS	370027A	A46020	L&S	5865	A46332	TROS	6312	A46510S	TROS	6636S
A45775K	L&S	370024A	A46020	TROS	5865	A46335	L&S	6324S	A46514	TROS	351267
A45775K	TROS	370024A	A46026S	TROS	5872S	A46335	TROS	6324S	A46514	TROS	471267 <sup>2B</sup>
A45781K	TROS	370003A	A46029	TROS	455280	A46336	TROS	493291	A46514S	L&S	351267
A45781K	TROS	380003A	A46031	L&S	5877	A46337	TROS	3210	A46514S	L&S	471267 <sup>2B</sup>
A45787K	L&S	5487	A46031	TROS	5877	A46338S	L&S	6329S	A46517S	TROS	9613S
A45787K	TROS	5487	A46049	TROS	473228	A46338S	TROS	6329S	A46518S	L&S	350679
A45788K	TROS	5589	A46049	TROS	51098	A46341S	L&S	6336S	A46518S	L&S	470954 <sup>2B</sup>
A45795K	TROS	370006A	A46052	L&S	200354	A46341S	TROS	6336S	A46518S	TROS	350679
A45800K	L&S	370003A	A46052	TROS	200354	A46342	TROS	473435	A46518S	TROS	470954 <sup>2B</sup>
A45800K	TROS	370003A	A46052S	TROS	200354	A46344	TROS	450776 <sup>2B</sup>	A46519	TROS	6649
A45800K	TROS	380003A	A46055	TROS	455151	A46349S	L&S	6357S	A46519K	L&S	6649
A45801K	TROS	370006A	A46057	L&S	5924	A46349S	TROS	6357S	A46521S	TROS	473234 <sup>2B</sup>
A45807K	TROS	370009A	A46057	TROS	5924	A46350	L&S	6358	A46524	TROS	6663S
A45807K	TROS	380009A	A46073	L&S	370036A	A46350	TROS	6358	A46525S	TROS	6668S
A45807K	TROS	5089	A46073	TROS	370036A	A46353	L&S	440265	A46528	TROS	471413 <sup>2B</sup>
A45810K	TROS	5092	A46073	TROS	370349A	A46353	TROS	440265	A46528S	L&S	471413 <sup>2B</sup>
A45813K	TROS	5072	A46073	TROS	380036A	A46356P	L&S	6370N	A46530S	TROS	470605 <sup>2B</sup>
A45816K	L&S	5573	A46074	L&S	5965	A46356S	TROS	6370N	A46531	TROS	417355 <sup>2B</sup>
A45816K	TROS	5573	A46074	TROS	5965	A46358	TROS	470403	A46531	TROS	485497
A45818K	TROS	5095	A46076	L&S	203034	A46358	TROS	470774 <sup>2B</sup>	A46531S	L&S	417355 <sup>2B</sup>
A45819K	TROS	5578	A46076	TROS	203034	A46361	TROS	6380	A46531S	L&S	485497
A45823K	L&S	5072	A46079	TROS	5976S	A46405	TROS	471442 <sup>2B</sup>	A46531S	TROS	417355 <sup>2B</sup>
A45823K	TROS	5072	A46079S	L&S	5976S	A46405S	TROS	471442 <sup>2B</sup>	A46531S	TROS	485497
A45825K	L&S	5589	A46079S	TROS	7840S	A46409	TROS	483054N	A46533	TROS	6703S
A45825K	TROS	5589	A46081	TROS	471526 <sup>2B</sup>	A46409S	L&S	483054N	A46533S	TROS	6703S
A45826K	L&S	5591	A46088	TROS	470548	A46413	TROS	330663	A46537	TROS	205004
A45826K	TROS	5591	A46088	TROS	470625 <sup>2B</sup>	A46413	TROS	472354 <sup>2B</sup>	A46538P	L&S	6712NA
A45829K	L&S	5095	A46214	TROS	415437	A46414	TROS	417267	A46538S	TROS	6712NA
A45829K	TROS	5095	A46222	TROS	415899N	A46421S	TROS	417349 <sup>2B</sup>	A46547S	L&S	412473 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A46547S	L&S	415894	A46638S	TROS	473367 <sup>28</sup>	A46821S	L&S	472354 <sup>28</sup>	A46884R	L&S	7751H
A46547S	TROS	412473 <sup>28</sup>	A46639R	L&S	6879H	A46826S	TROS	200110	A46884R	TROS	7751H
A46547S	TROS	415894	A46639R	TROS	6879H	A46831S	L&S	370018A	A46886S	L&S	473231 <sup>28</sup>
A46549	L&S	370022A	A46640S	L&S	473235 <sup>28</sup>	A46831S	TROS	370018A	A46886S	TROS	473231 <sup>28</sup>
A46549	TROS	370022A	A46640S	TROS	473235 <sup>28</sup>	A46832S	TROS	7186S	A46890S	L&S	6241S
A46549	TROS	380022A	A46647S	TROS	415449 <sup>28</sup>	A46833S	L&S	7188S	A46890S	TROS	6241S
A46550S	TROS	6759S	A46650S	L&S	6906S	A46833S	TROS	7188S	A46891	L&S	7780N
A46551S	TROS	6760S	A46650S	TROS	6906S	A46834	L&S	5126	A46891	TROS	7780N
A46553S	L&S	311189	A46657	L&S	6930	A46834	TROS	5126	A46892S	L&S	7781S
A46553S	TROS	311189	A46657	TROS	6930	A46835	L&S	7216	A46892S	TROS	471750 <sup>28</sup>
A46558	L&S	6781	A46658	TROS	9568	A46835	TROS	7216	A46893P	L&S	2692
A46558	TROS	6781	A46663	L&S	44052	A46837S	L&S	471344	A46893S	TROS	2692
A46562S	L&S	6638S	A46663	TROS	44052	A46837S	TROS	471344	A46895S	TROS	473228 <sup>28</sup>
A46562S	TROS	370001A	A46664	L&S	6954S	A46843	TROS	8516N	A46896	L&S	7834
A46562S	TROS	380001A	A46664	TROS	6954S	A46843S	L&S	8516N	A46896	TROS	7834
A46563S	L&S	471570 <sup>28</sup>	A46664S	L&S	6954S	A46846S	TROS	7354N	A46897S	L&S	7840S
A46563S	TROS	471570 <sup>28</sup>	A46664S	TROS	6954S	A46847	TROS	370003A	A46897S	TROS	7840S
A46601S	TROS	471264 <sup>28</sup>	A46665	L&S	44053	A46847	TROS	380003A	A46899S	L&S	7866S
A46602S	L&S	481443 <sup>28</sup>	A46665	TROS	44053	A46848	TROS	370006A	A46899S	TROS	370007A
A46602S	TROS	481443 <sup>28</sup>	A46666	L&S	6960	A46849S	TROS	415302	A46900S	L&S	7886S
A46603	TROS	6808N	A46666	TROS	6960	A46850S	L&S	7381S	A46900S	TROS	7886S
A46603P	L&S	9316	A46666S	L&S	6960	A46850S	TROS	7381S	A46901S	L&S	470064
A46606	L&S	6815	A46668S	L&S	3103 <sup>28</sup>	A46853S	L&S	321460	A46901S	L&S	471821 <sup>28</sup>
A46606	TROS	6815	A46668S	TROS	3103 <sup>28</sup>	A46853S	TROS	321460	A46901S	TROS	470064
A46606S	TROS	6815	A46671	L&S	205017	A46855S	L&S	9376	A46901S	TROS	471821 <sup>28</sup>
A46607	L&S	6818	A46671	TROS	203008	A46855S	TROS	9376	A46902S	L&S	7929S
A46607	TROS	6818	A46672	L&S	6985	A46856S	L&S	474260	A46902S	TROS	7929S
A46609S	TROS	450185	A46672	TROS	6985	A46856S	TROS	474260	A46903	L&S	7934S
A46609S	TROS	473229	A46673R	L&S	6988H	A46857S	TROS	7399S <sup>28</sup>	A46903	TROS	7934S
A46610S	TROS	6832S	A46673R	TROS	6988H	A46858S	TROS	7412S	A46904S	L&S	7937N
A46611S	TROS	370009A	A46675S	L&S	474278	A46861S	TROS	370015A	A46904S	TROS	7937N
A46611S	TROS	380009A	A46675S	L&S	6859S	A46863S	TROS	370019A	A46905S	L&S	474278
A46612S	L&S	6835S	A46675S	TROS	474278	A46864S	TROS	370021A	A46905S	TROS	474278
A46612S	TROS	6835S	A46675S	TROS	6859S	A46865S	L&S	370005A	A46908S	TROS	7399S <sup>28</sup>
A46613	L&S	6840S	A46800S	TROS	370006A	A46865S	TROS	370005A	A47002S	L&S	8059S
A46613	TROS	6840S	A46801S	L&S	7013S	A46867	TROS	7457N	A47002S	TROS	8059S
A46613S	L&S	6840S	A46801S	TROS	7013S	A46867P	L&S	7457N	A47004	TROS	8610
A46615	TROS	7600S	A46802S	L&S	7014S	A46867S	TROS	7457N	A47005	L&S	8121S
A46615S	L&S	7600S	A46802S	TROS	7014S	A46868S	L&S	7486S	A47005	TROS	8121S
A46620S	L&S	6847S	A46806S	L&S	7022S	A46868S	TROS	7486S	A47005S	TROS	8121S
A46620S	TROS	6847S	A46806S	TROS	7022S	A46869	L&S	7994S	A47006S	L&S	8133S
A46627S	TROS	410496 <sup>28</sup>	A46808	TROS	370004A	A46869	TROS	7994S	A47006S	TROS	8133S
A46628S	L&S	351267	A46810S	TROS	473234 <sup>28</sup>	A46869S	L&S	7994S	A47007	L&S	8139
A46628S	L&S	471267 <sup>28</sup>	A46811S	L&S	410059	A46870S	L&S	7495S	A47007	TROS	8139
A46628S	TROS	351267	A46811S	L&S	470380 <sup>28</sup>	A46870S	TROS	473214 <sup>28</sup>	A47010	TROS	472070
A46628S	TROS	471267 <sup>28</sup>	A46811S	TROS	410059	A46872S	L&S	342805	A47011	L&S	8243
A46629S	TROS	417210 <sup>28</sup>	A46811S	TROS	470380 <sup>28</sup>	A46872S	TROS	342805	A47011	TROS	8243
A46630S	L&S	6863S <sup>28</sup>	A46815	TROS	9613S	A46874S	L&S	7537S	A47012	TROS	8724S
A46630S	TROS	6863S <sup>28</sup>	A46815S	L&S	9613S	A46875S	L&S	3095	A47013S	L&S	8293S
A46631	TROS	370024A	A46815S	TROS	9613S	A46875S	TROS	3095	A47013S	TROS	8293S
A46631S	L&S	6864S	A46816S	L&S	7038SA	A46876R	L&S	7581H	A47015S	TROS	8370S
A46633S	TROS	370005A	A46816S	TROS	7038SA	A46876R	TROS	7581H	A47016S	L&S	8421S
A46634S	L&S	6872S	A46818	L&S	7044NA	A46877	L&S	7607	A47016S	TROS	8421S
A46634S	TROS	370027A	A46818P	L&S	7044NA	A46877	TROS	7607	A48002	TROS	471526 <sup>28</sup>
A46636S	TROS	473234 <sup>28</sup>	A46818S	TROS	7044NA	A46878S	L&S	9150S	A48004	TROS	471750 <sup>28</sup>
A46637S	L&S	8160S	A46820S	L&S	3103 <sup>28</sup>	A46878S	TROS	9150S	A48005	TROS	473215 <sup>28</sup>
A46637S	TROS	8160S	A46820S	TROS	3103 <sup>28</sup>	A46879S	TROS	7700S <sup>28</sup>	A48006	L&S	410059
A46638S	L&S	450066	A46821	TROS	330663	A46882	L&S	5113	A48006	L&S	470380 <sup>28</sup>
A46638S	L&S	473367 <sup>28</sup>	A46821	TROS	472354 <sup>28</sup>	A46882	TROS	5113	A48006	TROS	410059
A46638S	TROS	450066	A46821S	L&S	330663	A46883S	TROS	471652	A48006	TROS	470380 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A48006S	L&S	410059	A48074S	L&S	8160S	A49006S	TROS	415995 <sup>2B</sup>	A51014	L&S	473460
A48006S	L&S	470380 <sup>2B</sup>	A48074S	TROS	471827 <sup>2B</sup>	A49010	L&S	476470	A51014	TROS	473460
A48006S	TROS	410059	A48076S	TROS	410708	A49010	TROS	476470	A51015	L&S	471760
A48006S	TROS	470380 <sup>2B</sup>	A48077S	TROS	471984	A49011	TROS	415023	A51015	TROS	471760
A48008	TROS	470062	A48078	TROS	471829	A49014	TROS	415036	A51016	TROS	471763
A48008	TROS	474264	A48081S	L&S	471344	A49015	TROS	416891 <sup>2B</sup>	A51017	TROS	471765 <sup>2B</sup>
A48011	TROS	473228 <sup>2B</sup>	A48081S	TROS	471344	A49017S	L&S	416271 <sup>2B</sup>	A51019	TROS	472397 <sup>2B</sup>
A48011S	L&S	473228 <sup>2B</sup>	A48085S	L&S	415304	A49017S	TROS	416271 <sup>2B</sup>	A51021	L&S	472258 <sup>2B</sup>
A48012	L&S	472185 <sup>2B</sup>	A48085S	L&S	476470 <sup>2B</sup>	A49018	TROS	415147	A51021	TROS	472258 <sup>2B</sup>
A48012	TROS	472185 <sup>2B</sup>	A48085S	TROS	415304	A49018	TROS	415449 <sup>2B</sup>	A51023	TROS	471267 <sup>2B</sup>
A48013S	TROS	472439	A48085S	TROS	476470 <sup>2B</sup>	A49018S	L&S	415147	A51026	TROS	417316 <sup>2B</sup>
A48014	TROS	472924 <sup>2B</sup>	A4809	MUSAS	710336	A49018S	L&S	415449 <sup>2B</sup>	A51027	L&S	416921 <sup>2B</sup>
A48016	TROS	410085	A4810	MUSAS	4901	A49019	TROS	417343 <sup>2B</sup>	A51027	TROS	416921 <sup>2B</sup>
A48016	TROS	470530 <sup>2B</sup>	A4812	MUSAS	222540	A49021	TROS	417351 <sup>2B</sup>	A51031	TROS	415072
A48018	TROS	473464	A4813	MUSAS	710315	A49023S	TROS	415379	A51032	HENRY	40401
A48020	TROS	412119 <sup>2B</sup>	A4814	MUSAS	1147	A49024	TROS	417205 <sup>2B</sup>	A51033	TROS	416229
A48022	L&S	8650S	A4818	MUSAS	710097	A49026S	TROS	415192N	A51035S	TROS	415147
A48022	TROS	8650S	A4819	MUSAS	222743	A49027	TROS	416556 <sup>2B</sup>	A51035S	TROS	415449 <sup>2B</sup>
A48023	L&S	471224 <sup>2B</sup>	A4823	MUSAS	223580	A49027	TROS	472157	A51036	TROS	416011
A48023	TROS	471224 <sup>2B</sup>	A4824	MUSAS	710332	A49029S	TROS	416154 <sup>2B</sup>	A51036	TROS	417621 <sup>2B</sup>
A48024S	L&S	472409 <sup>2B</sup>	A4825	MUSAS	710337	A49030	TROS	417247 <sup>2B</sup>	A51037	TROS	417181 <sup>2B</sup>
A48024S	TROS	472409 <sup>2B</sup>	A4826	MUSAS	710148	A49030S	L&S	417247 <sup>2B</sup>	A51039	L&S	415991 <sup>2B</sup>
A48025	TROS	472826 <sup>2B</sup>	A4827	MUSAS	1936	A49030S	TROS	417247 <sup>2B</sup>	A51039	L&S	415991N
A48026	L&S	412920 <sup>2B</sup>	A4829	MUSAS	239146	A49032	L&S	416706 <sup>2B</sup>	A51039	TROS	415991 <sup>2B</sup>
A48026	TROS	412920 <sup>2B</sup>	A4830	MUSAS	222742	A49032S	TROS	416706 <sup>2B</sup>	A51039	TROS	415991N
A48027	TROS	471192	A4831	MUSAS	710331	A49033S	TROS	417349 <sup>2B</sup>	A51041	TROS	417191
A48028S	TROS	470625 <sup>2B</sup>	A4836	MUSAS	473367	A49034	L&S	415991	A51748	FAIRB	471787 <sup>2B</sup>
A48029	TROS	470954 <sup>2B</sup>	A4844	MUSAS	710399	A49034	TROS	415991	A51749	GMC	410102
A4803	MUSAS	223520	A4845	MUSAS	222830	A49034S	TROS	415991	A51765	FAIRB	473205
A48031	L&S	472287 <sup>2B</sup>	A4848	MUSAS	1036	A49035S	TROS	415379	A51948	CASE	473490
A48031	TROS	472287 <sup>2B</sup>	A4849	MUSAS	224045	A49036	TROS	417492	A51977	TROS	473238 <sup>2B</sup>
A48035	TROS	471763	A4850	MUSAS	320595	A49039	TROS	415656	A51994	GMC	415021
A48036	TROS	471765 <sup>2B</sup>	A4852	MUSAS	223553	A49040S	TROS	417352	A52000	TROS	471466 <sup>2B</sup>
A48037S	L&S	410163	A4854	MUSAS	3459	A49040S	TROS	418028	A52001	TROS	471554 <sup>2B</sup>
A48037S	L&S	471766 <sup>2B</sup>	A4855	MUSAS	712008	A49042S	TROS	415899N	A52002	L&S	473215 <sup>2B</sup>
A48037S	TROS	410163	A4857	MUSAS	228015	A49042S	TROS	416624N	A52002	TROS	473215 <sup>2B</sup>
A48037S	TROS	471766 <sup>2B</sup>	A4858	MUSAS	710598	A50085	CASE	470898	A52003	TROS	470380 <sup>2B</sup>
A48038	TROS	471801 <sup>2B</sup>	A4859	MUSAS	710460	A50097	CASE	415836N	A52005	TROS	471419
A48039S	TROS	473016 <sup>2B</sup>	A4860	MUSAS	350609	A5013	DANMA	417487	A52005	TROS	473367
A4804	MUSAS	1943	A4861	MUSAS	1147	A5013	DANMA	455086	A52005S	L&S	471419
A48042	L&S	472179	A4863	MUSAS	710332	A50420	CASE	476535	A52005S	L&S	473367
A48042	TROS	472179	A4864	MUSAS	710300	A50422	CASE	417344 <sup>2B</sup>	A52006	L&S	473228 <sup>2B</sup>
A48045	TROS	471649 <sup>2B</sup>	A4865	MUSAS	224066	A50423	CASE	471689 <sup>2B</sup>	A52006	TROS	473228 <sup>2B</sup>
A48047	TROS	470712 <sup>2B</sup>	A4866	MUSAS	224053	A50424	CASE	470898	A52007	TROS	473228 <sup>2B</sup>
A48049	TROS	473466	A4867	MUSAS	712009	A50594	TROS	5872S	A52008	TROS	472185 <sup>2B</sup>
A48051	TROS	473235 <sup>2B</sup>	A4869	MUSAS	223010	A50626	FAIRB	471567 <sup>2B</sup>	A52009	TROS	471466 <sup>2B</sup>
A48055S	TROS	410308 <sup>2B</sup>	A49001	TROS	415458 <sup>2B</sup>	A50981	FAIRB	470163	A52010	TROS	472924 <sup>2B</sup>
A48056	TROS	471391 <sup>2B</sup>	A49001	TROS	475458	A50981	FAIRB	471766 <sup>2B</sup>	A52012	TROS	410085
A48057	TROS	473245 <sup>2B</sup>	A49002	TROS	415004	A50981A	FAIRB	470163	A52012	TROS	470530 <sup>2B</sup>
A48058	TROS	472636 <sup>2B</sup>	A49002	TROS	417316 <sup>2B</sup>	A50981A	FAIRB	471766 <sup>2B</sup>	A52014	L&S	411253 <sup>2B</sup>
A48059	L&S	412040	A49003	L&S	417344 <sup>2B</sup>	A51000	TROS	471264 <sup>2B</sup>	A52014	TROS	411253 <sup>2B</sup>
A48059	TROS	412040	A49003	TROS	417344 <sup>2B</sup>	A51002	TROS	473215 <sup>2B</sup>	A52015	TROS	410101N
A48061	L&S	472164 <sup>2B</sup>	A49004	TROS	415960	A51003	TROS	470380 <sup>2B</sup>	A52015P	L&S	410101N
A48061	TROS	472164 <sup>2B</sup>	A49004S	TROS	415009	A51004	L&S	473228 <sup>2B</sup>	A52016	TROS	471192
A48067S	L&S	410496 <sup>2B</sup>	A49004S	TROS	415960 <sup>2B</sup>	A51004	TROS	473228 <sup>2B</sup>	A52019S	TROS	410163
A48067S	TROS	410496 <sup>2B</sup>	A49006	L&S	415013	A51007S	TROS	470334 <sup>2B</sup>	A52019S	TROS	471766 <sup>2B</sup>
A48069	TROS	471689 <sup>2B</sup>	A49006	L&S	415995 <sup>2B</sup>	A51010	TROS	410085	A52022S	L&S	410183N
A4807	MUSAS	494117	A49006	TROS	415013	A51010	TROS	470530 <sup>2B</sup>	A52022S	TROS	410183N
A48072S	TROS	410119	A49006	TROS	415995 <sup>2B</sup>	A51012	TROS	471192	A52023	L&S	473179 <sup>2B</sup>
A48072S	TROS	471442 <sup>2B</sup>	A49006S	TROS	415013	A51013	TROS	470954 <sup>2B</sup>	A52023	TROS	473179 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A52024	L&S	472394	A52070	TROS	5578	A53066	TROS	40301S	A53126S	L&S	40973S
A52024	TROS	472394	A52071	TROS	417171 <sup>28</sup>	A53066S	L&S	40301S	A53128	TROS	41013S
A52025	TROS	472397 <sup>28</sup>	A52072	L&S	417181 <sup>28</sup>	A53067	L&S	40316S	A53131	L&S	41075S
A52027	L&S	470308N	A52072	TROS	417181 <sup>28</sup>	A53067	TROS	40316S	A53131	TROS	41075S
A52027	TROS	470308N	A52073	TROS	412473 <sup>28</sup>	A53067S	L&S	40316S	A53134	L&S	41257 <sup>28</sup>
A52029S	TROS	410316	A52073	TROS	415894	A53068	L&S	240319	A53136P	L&S	416071
A52029S	TROS	472636 <sup>28</sup>	A52076	TROS	415272N	A53068	TROS	240319	A53136P	TROS	416071
A52030	TROS	472164 <sup>28</sup>	A52078	TROS	415272N	A53072	L&S	40337S	A53138	L&S	46997S
A52031	TROS	473448	A52079	TROS	417484N	A53072	TROS	40337S	A53138	TROS	46997S
A52032	TROS	470898	A52079	TROS	475322N	A53076	TROS	40410S	A53139	TROS	43086S
A52034	TROS	472492 <sup>28</sup>	A52081S	TROS	417159	A53078	L&S	40370S	A53140S	L&S	45013S
A52035	L&S	473227 <sup>28</sup>	A52086	TROS	475380N	A53078	TROS	40370S	A53140S	TROS	45013S
A52035	TROS	473227 <sup>28</sup>	A52087	L&S	415437	A53081	L&S	40382	A53145	L&S	45187S
A52037	TROS	410519	A52087	TROS	415437	A53081	TROS	40382	A53145	TROS	45187S
A52037	TROS	471271 <sup>28</sup>	A52091	TROS	416394	A53084	L&S	40389S	A53147	TROS	45031S
A52039S	TROS	470565 <sup>28</sup>	A52236	TROS	417488 <sup>28</sup>	A53084	TROS	40389S	A53150	TROS	45653S
A52040	TROS	450666	A5257	CATER	5751	A53085	TROS	40395	A53151	TROS	45825S
A52042	TROS	415001 <sup>28</sup>	A5257	TMTR	5751	A53085	TROS	40395S	A53151S	L&S	45825S
A52043	TROS	415003	A5287	TW-DI	415027 <sup>28</sup>	A53086	TROS	417267	A53152	TROS	45827S
A52043	TROS	415458 <sup>28</sup>	A5287	TW-DI	455027	A53088	L&S	40401	A53152S	L&S	45827S
A52044	TROS	417316 <sup>28</sup>	A53003	TROS	41264S	A53088S	TROS	40401	A53153S	TROS	410183N
A52044S	TROS	417316 <sup>28</sup>	A53008	L&S	40027S	A53089	L&S	42763	A53155S	L&S	40494S
A52046	TROS	475009N	A53008	TROS	40027S	A53089	TROS	42763	A53155S	TROS	40494S
A52046P	L&S	475009N	A53011	TROS	473213 <sup>28</sup>	A53091	L&S	40410S	A53156S	TROS	473445
A52047	TROS	416921 <sup>28</sup>	A53012	L&S	43089S	A53091	TROS	40410S	A53159	L&S	45525S
A52048P	L&S	475012N	A53012	TROS	43089S	A53091S	L&S	40410S	A53159	TROS	45525S
A52048S	TROS	475012N	A53013	L&S	40059S	A53092	L&S	351487	A54002	L&S	474277
A52049S	L&S	415836	A53013	TROS	40059S	A53092	TROS	351487	A54002	TROS	474277
A52049S	L&S	415995 <sup>28</sup>	A53015	TROS	7886S	A53093S	L&S	40433S	A54003	L&S	470004 <sup>28</sup>
A52049S	TROS	415836	A53016	L&S	471821 <sup>28</sup>	A53093S	TROS	40433S	A54003	TROS	470004 <sup>28</sup>
A52049S	TROS	415995 <sup>28</sup>	A53016	TROS	471821 <sup>28</sup>	A53095	L&S	40438S	A54005S	TROS	471530
A52050S	TROS	415016N	A53019	TROS	472185 <sup>28</sup>	A53095	TROS	40438S	A54006	L&S	471281 <sup>28</sup>
A52052S	TROS	415304	A53020	L&S	40071S	A53097	L&S	40468	A54006	TROS	471281 <sup>28</sup>
A52052S	TROS	476470 <sup>28</sup>	A53020	TROS	40071S	A53097	TROS	40468	A54006S	L&S	471281 <sup>28</sup>
A52054	TROS	415035	A53025	TROS	40101S	A53098	TROS	40494S	A54007	TROS	471532
A52055	L&S	415371	A53025S	L&S	40101S	A53100	L&S	442380	A54007S	L&S	471532
A52055	TROS	415371	A53028	L&S	42421S	A53100	TROS	442380	A54007S	TROS	471532
A52057	L&S	416865 <sup>28</sup>	A53028	TROS	42421S	A53101	L&S	40520S	A54008	TROS	471466 <sup>28</sup>
A52057	TROS	416865 <sup>28</sup>	A53029	TROS	240119	A53101	TROS	40520S	A54008S	L&S	471466 <sup>28</sup>
A52057S	TROS	416865 <sup>28</sup>	A53029S	L&S	240119	A53104S	L&S	40555	A54008S	TROS	471466 <sup>28</sup>
A52058	TROS	416476 <sup>28</sup>	A53032	L&S	40140S	A53104S	L&S	40555S <sup>28</sup>	A54013	TROS	471472 <sup>28</sup>
A52059	TROS	416239 <sup>28</sup>	A53032	TROS	40140S	A53104S	TROS	40555	A54013S	L&S	471472 <sup>28</sup>
A52059S	L&S	416239 <sup>28</sup>	A53032S	L&S	40140S	A53104S	TROS	40555S <sup>28</sup>	A54013S	TROS	471472 <sup>28</sup>
A52061S	TROS	416271 <sup>28</sup>	A53032S	TROS	40140S	A53105	TROS	471821 <sup>28</sup>	A54015S	L&S	471535 <sup>28</sup>
A52062	TROS	476283N	A53037	L&S	40154S	A53106	L&S	40576S	A54015S	TROS	471535 <sup>28</sup>
A52062S	TROS	476283N	A53040	L&S	40157S	A53106	TROS	40566S	A54016	TROS	473405
A52063S	TROS	417563	A53040	TROS	40157S	A53106S	L&S	40566S	A54016S	L&S	473405
A52064	L&S	417602 <sup>28</sup>	A53043	L&S	40652S	A53107	L&S	40568S	A54016S	TROS	473405
A52064	TROS	417602 <sup>28</sup>	A53043S	L&S	40652S	A53107	TROS	40568S	A54018	TROS	471549 <sup>28</sup>
A52066	TROS	415137 <sup>28</sup>	A53045	TROS	40169S	A53107S	L&S	40568S	A54018S	L&S	471549 <sup>28</sup>
A52066	TROS	418028	A53047	TROS	471571	A53108	L&S	40576S	A54020S	TROS	471551 <sup>28</sup>
A52066S	L&S	415137 <sup>28</sup>	A53055	L&S	40208	A53108	TROS	40576S	A54021	TROS	471558
A52066S	L&S	418028	A53055	TROS	40208	A53113	TROS	340469	A54022	TROS	471255 <sup>28</sup>
A52066S	TROS	415137 <sup>28</sup>	A53058	L&S	471647	A53119	L&S	40769S	A54022S	L&S	471255 <sup>28</sup>
A52066S	TROS	418028	A53058	TROS	471647	A53119	TROS	40769S	A54022S	TROS	471255 <sup>28</sup>
A52067S	TROS	415146 <sup>28</sup>	A53061	L&S	40230S	A53119S	L&S	40769S	A54023	TROS	471255 <sup>28</sup>
A52067S	TROS	415991	A53061	TROS	40230S	A53121S	TROS	6815	A54024	TROS	450025
A52068	TROS	415147	A53063	TROS	41787S	A53122	TROS	340787	A54024	TROS	471553 <sup>28</sup>
A52068	TROS	415449 <sup>28</sup>	A53064	L&S	40286	A53126	L&S	40973S	A54024S	L&S	450025
A52069	TROS	417343 <sup>28</sup>	A53064	TROS	40286	A53126	TROS	40973S	A54024S	L&S	471553 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A54027	L&S	471567 <sup>2B</sup>	A54062S	L&S	470380 <sup>2B</sup>	A54084	TROS	473444	A54109S	L&S	412119 <sup>2B</sup>
A54027	TROS	471567 <sup>2B</sup>	A54062S	TROS	470059	A54086	TROS	473446	A54109S	L&S	450101
A54027S	L&S	471567 <sup>2B</sup>	A54062S	TROS	470380 <sup>2B</sup>	A54086S	L&S	473446	A54111	L&S	410102
A54027S	TROS	471567 <sup>2B</sup>	A54066	TROS	470950 <sup>2B</sup>	A54087	L&S	50081	A54111	TROS	410102
A54029	TROS	481568 <sup>2B</sup>	A54066	TROS	6241S	A54087	TROS	50081	A54112	L&S	410686N
A54029S	TROS	481568 <sup>2B</sup>	A54066S	L&S	470950 <sup>2B</sup>	A54088	L&S	450082	A54112	TROS	410686N
A54030	L&S	450030	A54066S	L&S	6241S	A54088	L&S	473238	A54112S	L&S	410987 <sup>2B</sup>
A54030	L&S	474253	A54067	TROS	470062	A54088	TROS	450082	A54112S	L&S	450103
A54030	TROS	450030	A54067	TROS	474264	A54088	TROS	473238	A54113	L&S	450104
A54030	TROS	474253	A54067S	L&S	470062	A54088S	L&S	450082	A54113	TROS	450104
A54031	TROS	473414	A54067S	L&S	474264	A54088S	L&S	473238	A54114	TROS	414045 <sup>2B</sup>
A54032	TROS	471570 <sup>2B</sup>	A54068	L&S	471820	A54089	TROS	450083	A54116	L&S	473471
A54032S	TROS	471570 <sup>2B</sup>	A54068	TROS	471820	A54089	TROS	472924 <sup>2B</sup>	A54116	TROS	473471
A54034	TROS	474273	A54069	TROS	470064	A54089S	L&S	450083	A54118	TROS	473441
A54035	TROS	473412	A54069	TROS	471821 <sup>2B</sup>	A54089S	L&S	472924 <sup>2B</sup>	A54118S	L&S	473441
A54037	L&S	473415	A54069S	L&S	470064	A54091	TROS	450084 <sup>2B</sup>	A54120	L&S	450111
A54037	TROS	473415	A54069S	L&S	471821 <sup>2B</sup>	A54091S	L&S	450084 <sup>2B</sup>	A54120	TROS	450111
A54038	TROS	471137	A54070	TROS	473232 <sup>2B</sup>	A54091S	TROS	450084 <sup>2B</sup>	A54123	TROS	450115
A54038S	L&S	471137	A54071	L&S	450066	A54092	TROS	450084 <sup>2B</sup>	A54123	TROS	473467
A54039	L&S	450038	A54071	L&S	473367 <sup>2B</sup>	A54093	TROS	450085	A54123S	L&S	450115
A54039	TROS	450038	A54071	TROS	450066	A54093	TROS	470530 <sup>2B</sup>	A54123S	L&S	473467
A54040	TROS	450039	A54071	TROS	473367 <sup>2B</sup>	A54093S	L&S	450085	A54125	L&S	473450
A54040S	L&S	450039	A54071S	L&S	450066	A54093S	L&S	470530 <sup>2B</sup>	A54125	TROS	473450
A54041	TROS	450040	A54071S	L&S	473367 <sup>2B</sup>	A54094	TROS	470086	A54126	TROS	450117
A54041S	TROS	450040	A54071S	TROS	450066	A54094S	L&S	470086	A54126	TROS	472572 <sup>2B</sup>
A54043	TROS	450593 <sup>2B</sup>	A54071S	TROS	473367 <sup>2B</sup>	A54095	TROS	473313	A54126S	L&S	450117
A54043S	L&S	450593 <sup>2B</sup>	A54072	TROS	450067	A54095S	L&S	473313	A54126S	L&S	472572 <sup>2B</sup>
A54043S	TROS	450593 <sup>2B</sup>	A54072	TROS	473228	A54096	TROS	470088	A54126S	TROS	450117
A54045	TROS	450043	A54072S	TROS	450067	A54096S	L&S	470088	A54126S	TROS	472572 <sup>2B</sup>
A54045	TROS	473419	A54072S	TROS	473228	A54096S	TROS	470088	A54127	L&S	450118
A54046	L&S	450044	A54073	TROS	450068	A54097	L&S	450089	A54127	L&S	473449
A54046	TROS	450044	A54074	TROS	450069	A54097	TROS	450089	A54127	TROS	450118
A54047	TROS	470045	A54074	TROS	473232	A54098	TROS	450090	A54127	TROS	473449
A54047	TROS	476838 <sup>2B</sup>	A54074S	L&S	450069	A54100	L&S	473458 <sup>2B</sup>	A54128	TROS	471442 <sup>2B</sup>
A54047S	L&S	470045	A54074S	L&S	473232	A54100	TROS	473458 <sup>2B</sup>	A54128S	TROS	471442 <sup>2B</sup>
A54047S	L&S	476838 <sup>2B</sup>	A54075	TROS	472185 <sup>2B</sup>	A54102	L&S	450094	A54130	TROS	470120
A54049	TROS	473428	A54075S	L&S	472185 <sup>2B</sup>	A54102	L&S	473462	A54130	TROS	471224 <sup>2B</sup>
A54050	L&S	473426	A54075S	TROS	472185 <sup>2B</sup>	A54102	TROS	450094	A54132	L&S	450121
A54050	TROS	473426	A54077	TROS	472439	A54102	TROS	473462	A54132	L&S	472409 <sup>2B</sup>
A54051	L&S	450048	A54077S	L&S	472439	A54103	TROS	450095	A54132	TROS	450121
A54051	TROS	450048	A54078	TROS	481864	A54103	TROS	473464 <sup>2B</sup>	A54132	TROS	472409 <sup>2B</sup>
A54052	TROS	471750 <sup>2B</sup>	A54078S	L&S	481864	A54103S	L&S	450095	A54132S	TROS	450121
A54052S	L&S	471750 <sup>2B</sup>	A54078S	TROS	481864	A54103S	L&S	473464 <sup>2B</sup>	A54132S	TROS	472409 <sup>2B</sup>
A54053	TROS	470050	A54079	L&S	450073	A54104	L&S	5126	A54133	L&S	473437
A54054	TROS	473427	A54079S	TROS	450073	A54104	TROS	416738 <sup>2B</sup>	A54133	TROS	473437
A54055	TROS	471354 <sup>2B</sup>	A54080	L&S	470074	A54104	TROS	450096	A54135	L&S	50126
A54055S	L&S	471354 <sup>2B</sup>	A54080	L&S	474265	A54104S	L&S	416738 <sup>2B</sup>	A54135	TROS	50126
A54055S	TROS	471354 <sup>2B</sup>	A54080	TROS	470074	A54104S	L&S	450096	A54136	TROS	471735
A54056	TROS	473213 <sup>2B</sup>	A54080	TROS	474265	A54105	L&S	413469 <sup>2B</sup>	A54136S	L&S	471735
A54057	L&S	450054	A54082	TROS	450076	A54105	TROS	413469 <sup>2B</sup>	A54138S	L&S	472826 <sup>2B</sup>
A54057	TROS	450054	A54082	TROS	470334 <sup>2B</sup>	A54106	L&S	412943	A54138S	TROS	472826 <sup>2B</sup>
A54058	TROS	473215 <sup>2B</sup>	A54082S	L&S	450076	A54106	TROS	412943	A54139	L&S	412920 <sup>2B</sup>
A54058S	TROS	473215 <sup>2B</sup>	A54082S	L&S	470334 <sup>2B</sup>	A54107	TROS	411253 <sup>2B</sup>	A54139	L&S	450132
A54060	TROS	473225 <sup>2B</sup>	A54083	TROS	470077	A54107	TROS	450099	A54139	TROS	412920 <sup>2B</sup>
A54060S	L&S	473225 <sup>2B</sup>	A54083	TROS	474281 <sup>2B</sup>	A54107S	L&S	411253 <sup>2B</sup>	A54139	TROS	450132
A54061	L&S	473438	A54083S	L&S	470077	A54107S	L&S	450099	A54141	L&S	450133
A54061	TROS	473438	A54083S	L&S	474281 <sup>2B</sup>	A54108	TROS	410694 <sup>2B</sup>	A54141	TROS	450133
A54062	TROS	470059	A54084	L&S	450078	A54108S	L&S	410694 <sup>2B</sup>	A54142	TROS	471192
A54062	TROS	470380 <sup>2B</sup>	A54084	L&S	473444	A54109	TROS	412119 <sup>2B</sup>	A54142S	L&S	471192
A54062S	L&S	470059	A54084	TROS	450078	A54109	TROS	450101	A54142S	TROS	471192

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A54143	L&S	470548	A54171S	L&S	471765 <sup>28</sup>	A54206	TROS	473010 <sup>28</sup>	A54238	TROS	471686
A54143	L&S	470625 <sup>28</sup>	A54173	TROS	470163	A54206S	L&S	450194	A54240	TROS	470590
A54143	TROS	470548	A54173	TROS	471766 <sup>28</sup>	A54206S	L&S	473010 <sup>28</sup>	A54240S	L&S	470590
A54143	TROS	470625 <sup>28</sup>	A54173S	L&S	470163	A54206S	TROS	450194	A54242	TROS	472951
A54143S	TROS	470548	A54173S	L&S	471766 <sup>28</sup>	A54206S	TROS	473010 <sup>28</sup>	A54242	TROS	474252
A54143S	TROS	470625 <sup>28</sup>	A54173S	TROS	470163	A54209	L&S	471103 <sup>28</sup>	A54242S	L&S	472951
A54144	L&S	471529	A54173S	TROS	471766 <sup>28</sup>	A54209	L&S	50197S	A54242S	L&S	474252
A54144	TROS	471529	A54175	L&S	473424 <sup>28</sup>	A54209	TROS	471103 <sup>28</sup>	A54243	TROS	471688
A54145	TROS	471869	A54175	TROS	473424 <sup>28</sup>	A54209	TROS	50197S	A54243S	L&S	471688
A54145	TROS	473459	A54176	L&S	471801 <sup>28</sup>	A54209S	L&S	471103 <sup>28</sup>	A54244	TROS	471689 <sup>28</sup>
A54145S	L&S	471869	A54176	TROS	471801 <sup>28</sup>	A54209S	L&S	50197S	A54244S	L&S	471689 <sup>28</sup>
A54145S	L&S	473459	A54178	L&S	473212 <sup>28</sup>	A54209S	TROS	471103 <sup>28</sup>	A54244S	TROS	471689 <sup>28</sup>
A54145S	TROS	471869	A54178	TROS	473212 <sup>28</sup>	A54209S	TROS	50197S	A54248	TROS	471705 <sup>28</sup>
A54145S	TROS	473459	A54180	TROS	470169	A54212	L&S	6863S <sup>28</sup>	A54248S	L&S	471705 <sup>28</sup>
A54146	L&S	472234	A54180	TROS	473214	A54212	TROS	6863S <sup>28</sup>	A54249	L&S	471733
A54146	TROS	472234	A54180S	L&S	470169	A54212S	L&S	6863S <sup>28</sup>	A54249	TROS	471733
A54150	L&S	450143	A54180S	L&S	473214	A54212S	TROS	6863S <sup>28</sup>	A54253	TROS	470712 <sup>28</sup>
A54150	TROS	450143	A54182	TROS	473016 <sup>28</sup>	A54214	L&S	320457	A54253S	L&S	470712 <sup>28</sup>
A54151	TROS	473226	A54182S	L&S	473016 <sup>28</sup>	A54214	TROS	320457	A54253S	TROS	470712 <sup>28</sup>
A54151S	L&S	473226	A54182S	TROS	473016 <sup>28</sup>	A54216	TROS	472705 <sup>28</sup>	A54254	L&S	471744 <sup>28</sup>
A54152	L&S	473460	A54184	L&S	450173	A54216S	L&S	472705 <sup>28</sup>	A54254	TROS	471744 <sup>28</sup>
A54152	TROS	473460	A54184	TROS	450173	A54216S	TROS	472705 <sup>28</sup>	A54255	TROS	450342
A54154	TROS	450147	A54184S	L&S	450173	A54217	TROS	481443 <sup>28</sup>	A54257	TROS	471785 <sup>28</sup>
A54155	L&S	473463	A54186	TROS	450177	A54217S	L&S	481443 <sup>28</sup>	A54257S	L&S	471785 <sup>28</sup>
A54155	TROS	473463	A54188	TROS	450177	A54217S	TROS	481443 <sup>28</sup>	A54257S	TROS	471785 <sup>28</sup>
A54156	TROS	40769S	A54190	L&S	473421	A54218	TROS	471231 <sup>28</sup>	A54260	TROS	471787 <sup>28</sup>
A54157	TROS	471750 <sup>28</sup>	A54190	TROS	473421	A54218S	L&S	471231 <sup>28</sup>	A54260S	L&S	471787 <sup>28</sup>
A54159	L&S	472560N <sup>28</sup>	A54192	TROS	471747 <sup>28</sup>	A54218S	TROS	471231 <sup>28</sup>	A54261	TROS	471795
A54159	L&S	50151S	A54192	TROS	472674	A54219	L&S	471579	A54261S	L&S	471795
A54159	TROS	472560N <sup>28</sup>	A54192S	L&S	471747 <sup>28</sup>	A54219	TROS	471579	A54264	TROS	473211 <sup>28</sup>
A54159	TROS	50151S	A54192S	L&S	472674	A54222	TROS	451583 <sup>28</sup>	A54265S	L&S	473436
A54159S	L&S	472560N <sup>28</sup>	A54193	TROS	450183	A54222S	L&S	451583 <sup>28</sup>	A54265S	TROS	473436
A54159S	L&S	50151S	A54193	TROS	472179	A54222S	TROS	451583 <sup>28</sup>	A54269S	L&S	473439 <sup>28</sup>
A54159S	TROS	472560N <sup>28</sup>	A54193S	L&S	450183	A54224	L&S	480210 <sup>28</sup>	A54269S	TROS	473439 <sup>28</sup>
A54159S	TROS	50151S	A54193S	L&S	472179	A54224	TROS	480210 <sup>28</sup>	A54272	L&S	482253
A54160	TROS	473205	A54193S	TROS	450183	A54227	L&S	471645	A54272	TROS	482253
A54160S	L&S	473205	A54193S	TROS	472179	A54227	TROS	471645	A54273	TROS	450260
A54162	L&S	472287 <sup>28</sup>	A54195	L&S	471571	A54228	TROS	473414	A54274S	L&S	473466
A54162	TROS	472287 <sup>28</sup>	A54195	TROS	471571	A54229	TROS	471646 <sup>28</sup>	A54274S	TROS	473466
A54163	TROS	450154	A54196	TROS	450185	A54229S	L&S	471646 <sup>28</sup>	A54275	TROS	470682
A54163	TROS	473234	A54196	TROS	473229	A54229S	TROS	471646 <sup>28</sup>	A54275S	L&S	470682
A54164	L&S	473447	A54197	L&S	473236 <sup>28</sup>	A54231S	L&S	471647	A54275S	TROS	470682
A54164	TROS	473447	A54197	TROS	473236 <sup>28</sup>	A54231S	TROS	471647	A54276	L&S	451469
A54165	L&S	350156	A54198	L&S	453165	A54232	TROS	471648	A54276	TROS	451469
A54165	L&S	473096	A54198	L&S	471619 <sup>28</sup>	A54232S	L&S	471648	A54278	TROS	473235 <sup>28</sup>
A54165	TROS	350156	A54198	TROS	453165	A54233	TROS	470219	A54279	L&S	50266
A54165	TROS	473096	A54198	TROS	471619 <sup>28</sup>	A54233	TROS	471649 <sup>28</sup>	A54279	TROS	50266
A54166	TROS	471760	A54200	L&S	450188	A54233S	L&S	470219	A54280	TROS	472070
A54166S	L&S	471760	A54200	TROS	450188	A54233S	L&S	471649 <sup>28</sup>	A54281	L&S	473451 <sup>28</sup>
A54166S	TROS	471760	A54201	TROS	470189	A54233S	TROS	470219	A54281	TROS	473451 <sup>28</sup>
A54167	TROS	471762 <sup>28</sup>	A54201	TROS	471692 <sup>28</sup>	A54233S	TROS	471649 <sup>28</sup>	A54282	L&S	450269
A54167S	L&S	471762 <sup>28</sup>	A54201S	L&S	470189	A54234	TROS	481650	A54282	TROS	450269
A54168	TROS	450159	A54201S	L&S	471692 <sup>28</sup>	A54235	TROS	471651	A54283	L&S	471866 <sup>28</sup>
A54169	TROS	471763	A54201S	TROS	470189	A54235S	L&S	471651	A54283	TROS	471866 <sup>28</sup>
A54169S	L&S	471763	A54201S	TROS	471692 <sup>28</sup>	A54236	TROS	471684 <sup>28</sup>	A54285	TROS	471868
A54170	TROS	450161	A54202	L&S	410190	A54236	TROS	471698	A54285S	L&S	471868
A54170	TROS	471764 <sup>28</sup>	A54202	TROS	410190	A54236S	L&S	471684 <sup>28</sup>	A54286	L&S	450273
A54170S	L&S	450161	A54204	L&S	473473	A54236S	L&S	471698	A54286	TROS	450273
A54170S	L&S	471764 <sup>28</sup>	A54204	TROS	473473	A54236S	TROS	471684 <sup>28</sup>	A54287	L&S	450274
A54171	TROS	471765 <sup>28</sup>	A54206	TROS	450194	A54236S	TROS	471698	A54287	TROS	450274

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A54288	TROS	450275	A54323	TROS	410312N	A54352S	L&S	474254	A54385S	L&S	473227
A54288S	L&S	450275	A54323S	L&S	410312N	A54354	TROS	413247 <sup>2B</sup>	A54385S	TROS	473227
A54291	TROS	450279	A54324	L&S	450313	A54354	TROS	450350	A54386	L&S	472354 <sup>2B</sup>
A54292	TROS	471866 <sup>2B</sup>	A54324	TROS	450313	A54354S	L&S	413247 <sup>2B</sup>	A54386	L&S	50395S
A54292S	L&S	450280	A54325	TROS	473243	A54354S	L&S	450350	A54386	TROS	472354 <sup>2B</sup>
A54293	TROS	473179 <sup>2B</sup>	A54325S	TROS	473243	A54355	TROS	470351	A54386	TROS	50395S
A54295	TROS	473179 <sup>2B</sup>	A54326	L&S	473245 <sup>2B</sup>	A54355	TROS	471504 <sup>2B</sup>	A54388	L&S	471267 <sup>2B</sup>
A54297	L&S	450285	A54326	TROS	473245 <sup>2B</sup>	A54355S	L&S	470351	A54388	TROS	471267 <sup>2B</sup>
A54297	TROS	450285	A54327	TROS	450316	A54355S	L&S	471504 <sup>2B</sup>	A54389	TROS	450400
A54298	L&S	474274	A54327	TROS	472636 <sup>2B</sup>	A54355S	TROS	470351	A54389S	L&S	450400
A54298	TROS	474274	A54327S	L&S	450316	A54355S	TROS	471504 <sup>2B</sup>	A54390	TROS	352541
A54301	TROS	470334 <sup>2B</sup>	A54327S	L&S	472636 <sup>2B</sup>	A54356	TROS	450352	A54392	TROS	470403
A54301	TROS	50289	A54328	L&S	411394 <sup>2B</sup>	A54356	TROS	472164 <sup>2B</sup>	A54392	TROS	470774 <sup>2B</sup>
A54302	TROS	450291	A54328	L&S	450317	A54356S	L&S	450352	A54392S	L&S	470403
A54302	TROS	471141 <sup>2B</sup>	A54328	TROS	411394 <sup>2B</sup>	A54356S	L&S	472164 <sup>2B</sup>	A54392S	L&S	470774 <sup>2B</sup>
A54302S	L&S	450291	A54328	TROS	450317	A54358	TROS	470354	A54392S	TROS	470403
A54302S	L&S	471141 <sup>2B</sup>	A54330	TROS	481163 <sup>2B</sup>	A54358S	L&S	470354	A54392S	TROS	470774 <sup>2B</sup>
A54302S	TROS	450291	A54331	TROS	473475	A54359	TROS	471538 <sup>2B</sup>	A54394	TROS	50405
A54302S	TROS	471141 <sup>2B</sup>	A54331S	L&S	473475	A54359S	L&S	471538 <sup>2B</sup>	A54396	L&S	470409 <sup>2B</sup>
A54304	L&S	473453	A54332	TROS	412040	A54360	L&S	474278	A54396	TROS	470409 <sup>2B</sup>
A54304	TROS	473453	A54332S	L&S	412040	A54360	L&S	480356	A54397	TROS	471424 <sup>2B</sup>
A54306	TROS	472144 <sup>2B</sup>	A54332S	TROS	412040	A54360	TROS	474278	A54399	TROS	450412
A54306S	L&S	472144 <sup>2B</sup>	A54333	L&S	472029	A54360	TROS	480356	A54399S	L&S	450412
A54309	TROS	450298	A54333	TROS	472029	A54362	TROS	470358	A54400	L&S	353132
A54309	TROS	473239	A54334	TROS	413478	A54362	TROS	473231	A54400	TROS	353132
A54309S	L&S	450298	A54334S	L&S	413478	A54362S	L&S	470358	A54401	L&S	350414
A54309S	L&S	473239	A54336	L&S	450326	A54362S	L&S	473231	A54401	L&S	472311 <sup>2B</sup>
A54311	TROS	472394	A54336	TROS	450326	A54362S	TROS	470358	A54401	TROS	350414
A54311S	L&S	472394	A54337	TROS	50327	A54362S	TROS	473231	A54401	TROS	472311 <sup>2B</sup>
A54311S	TROS	472394	A54338	L&S	470328	A54363	TROS	473448	A54402	TROS	450415
A54312	TROS	450301	A54338	L&S	481213 <sup>2B</sup>	A54363S	L&S	473448	A54403	L&S	473442 <sup>2B</sup>
A54312	TROS	472397 <sup>2B</sup>	A54338	TROS	470328	A54364	TROS	471870 <sup>2B</sup>	A54403	TROS	473442 <sup>2B</sup>
A54312S	L&S	450301	A54338	TROS	481213 <sup>2B</sup>	A54364	TROS	471883	A54406	L&S	450765 <sup>2B</sup>
A54312S	L&S	472397 <sup>2B</sup>	A54339	TROS	412871 <sup>2B</sup>	A54364S	L&S	471870 <sup>2B</sup>	A54406	TROS	450765 <sup>2B</sup>
A54312S	TROS	450301	A54339	TROS	450329	A54364S	L&S	471883	A54408	L&S	471730
A54312S	TROS	472397 <sup>2B</sup>	A54339S	L&S	412871 <sup>2B</sup>	A54365	TROS	450361	A54408	TROS	471730
A54313	TROS	472012	A54339S	L&S	450329	A54365	TROS	472193 <sup>2B</sup>	A54410	TROS	450430
A54313S	L&S	472012	A54340	L&S	470605 <sup>2B</sup>	A54365S	L&S	450361	A54411S	L&S	450431
A54313S	TROS	472012	A54340	TROS	470605 <sup>2B</sup>	A54365S	L&S	472193 <sup>2B</sup>	A54411S	L&S	471539 <sup>2B</sup>
A54314	L&S	472015 <sup>2B</sup>	A54340S	L&S	470605 <sup>2B</sup>	A54366	TROS	450362	A54411S	TROS	450431
A54314	TROS	472015 <sup>2B</sup>	A54342	L&S	450332	A54366S	L&S	450362	A54411S	TROS	471539 <sup>2B</sup>
A54314S	L&S	472015 <sup>2B</sup>	A54342	TROS	450332	A54368	TROS	350364	A54412	L&S	471138 <sup>2B</sup>
A54314S	TROS	472015 <sup>2B</sup>	A54343	TROS	470334 <sup>2B</sup>	A54369	TROS	450365	A54412	TROS	471138 <sup>2B</sup>
A54315	TROS	473457 <sup>2B</sup>	A54343S	L&S	470334 <sup>2B</sup>	A54369	TROS	470898	A54414	L&S	350435
A54317	L&S	473461 <sup>2B</sup>	A54344	TROS	450335	A54374	TROS	451948	A54414	TROS	350435
A54317	TROS	473461 <sup>2B</sup>	A54345	L&S	474255	A54374S	L&S	451948	A54417	TROS	450441
A54318	L&S	450307	A54345	TROS	474255	A54375	TROS	411500	A54417	TROS	471341 <sup>2B</sup>
A54318	TROS	450307	A54346	L&S	450339	A54376	TROS	6936S	A54417S	L&S	450441
A54319	TROS	410308 <sup>2B</sup>	A54346	TROS	450339	A54376S	L&S	9845	A54417S	L&S	471341 <sup>2B</sup>
A54319	TROS	450308	A54347	TROS	450340	A54378	TROS	471652	A54417S	TROS	450441
A54319S	L&S	410308 <sup>2B</sup>	A54348	L&S	450341	A54379	TROS	474276 <sup>2B</sup>	A54417S	TROS	471341 <sup>2B</sup>
A54319S	L&S	450308	A54348	TROS	450341	A54379S	L&S	474276 <sup>2B</sup>	A54419	TROS	450444
A54319S	TROS	410308 <sup>2B</sup>	A54349	L&S	450343	A54380	L&S	330385 <sup>2B</sup>	A54419	TROS	471835 <sup>2B</sup>
A54319S	TROS	450308	A54349	TROS	450343	A54380	TROS	330385 <sup>2B</sup>	A54419S	L&S	450444
A54320	L&S	471391 <sup>2B</sup>	A54350	TROS	473425	A54382	TROS	450389	A54419S	L&S	471835 <sup>2B</sup>
A54320	TROS	471391 <sup>2B</sup>	A54352	L&S	472432	A54382	TROS	472492 <sup>2B</sup>	A54419S	TROS	450444
A54321	L&S	473242	A54352	L&S	474256	A54382S	L&S	450389	A54419S	TROS	471835 <sup>2B</sup>
A54321	TROS	473242	A54352	TROS	470347	A54382S	L&S	472492 <sup>2B</sup>	A54420	TROS	50445
A54322	TROS	450311	A54352	TROS	474254	A54384	TROS	473407	A54421	TROS	450446
A54322S	L&S	450311	A54352S	L&S	470347	A54385	TROS	473227	A54423	TROS	471270 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A54423S	L&S	471270 <sup>28</sup>	A54468	TROS	474260	A54504	TROS	470548	A54544	TROS	471766 <sup>28</sup>
A54423S	TROS	471270 <sup>28</sup>	A54471	TROS	472843	A54504	TROS	470625 <sup>28</sup>	A54546	L&S	470954 <sup>28</sup>
A54424	TROS	480630 <sup>28</sup>	A54471S	L&S	472843	A54505	L&S	472150	A54546	TROS	470954 <sup>28</sup>
A54425	TROS	472658	A54471S	TROS	472843	A54505	TROS	472150	A54547S	L&S	471570 <sup>28</sup>
A54425	TROS	473197	A54473	L&S	470506 <sup>28</sup>	A54506	TROS	470565 <sup>28</sup>	A54547S	TROS	471570 <sup>28</sup>
A54425S	L&S	450452	A54473	TROS	470506 <sup>28</sup>	A54506S	L&S	470565 <sup>28</sup>	A54548S	L&S	472020
A54425S	L&S	473197	A54479	TROS	470515	A54506S	TROS	470565 <sup>28</sup>	A54548S	TROS	472020
A54426	TROS	473224 <sup>28</sup>	A54480	L&S	450516	A54507	TROS	450533	A54549	L&S	471737
A54426S	L&S	473224 <sup>28</sup>	A54480	TROS	450516	A54507	TROS	471224 <sup>28</sup>	A54549	TROS	471737
A54428	L&S	472319	A54481	TROS	450519	A54507S	TROS	450533	A54550	L&S	410737 <sup>28</sup>
A54428	TROS	472319	A54481	TROS	471271 <sup>28</sup>	A54507S	TROS	471224 <sup>28</sup>	A54550	TROS	410737 <sup>28</sup>
A54429	L&S	450456 <sup>28</sup>	A54481S	L&S	450519	A54509	TROS	471808 <sup>28</sup>	A54553S	L&S	472018
A54429	TROS	450456 <sup>28</sup>	A54481S	L&S	471271 <sup>28</sup>	A54509S	L&S	471808 <sup>28</sup>	A54553S	TROS	472018
A54430S	TROS	450457	A54483	TROS	410520	A54511	TROS	471267 <sup>28</sup>	A54554	TROS	471984
A54432	L&S	450461	A54483	TROS	471272 <sup>28</sup>	A54511S	L&S	470567	A54554S	L&S	471984
A54432	L&S	473440	A54483S	L&S	410520	A54511S	L&S	471267 <sup>28</sup>	A54555	TROS	473240 <sup>28</sup>
A54432	TROS	473440 <sup>28</sup>	A54483S	L&S	471272 <sup>28</sup>	A54511S	TROS	471267 <sup>28</sup>	A54557	TROS	410737 <sup>28</sup>
A54434	L&S	450463	A54483S	TROS	410520	A54513	TROS	472258 <sup>28</sup>	A54557	TROS	450737
A54434	TROS	450463	A54483S	TROS	471272 <sup>28</sup>	A54514	TROS	412027	A54557S	L&S	410737 <sup>28</sup>
A54438	L&S	450467	A54484	L&S	473423	A54514S	L&S	412027	A54557S	L&S	450737
A54438	TROS	450467	A54484	TROS	473423	A54515	TROS	413246	A54558	TROS	471862
A54439	L&S	50468	A54484S	TROS	473423	A54515	TROS	413246N	A54558S	L&S	471862
A54439	TROS	50468	A54485	TROS	472258 <sup>28</sup>	A54515S	L&S	413246	A54559	TROS	471316
A54440	TROS	481537	A54485S	L&S	472258 <sup>28</sup>	A54515S	L&S	413246N	A54561	L&S	470764 <sup>28</sup>
A54440S	L&S	481537	A54485S	TROS	472258 <sup>28</sup>	A54516	TROS	471498	A54561	TROS	470764 <sup>28</sup>
A54441	TROS	472810 <sup>28</sup>	A54486	L&S	450523	A54516S	L&S	471498	A54562	L&S	450776 <sup>28</sup>
A54441S	L&S	472810 <sup>28</sup>	A54486	TROS	450523	A54518	TROS	450588	A54562	TROS	450776 <sup>28</sup>
A54441S	TROS	472810 <sup>28</sup>	A54487S	L&S	410524	A54519S	TROS	471729	A54563	L&S	481397
A54442	TROS	450472 <sup>28</sup>	A54487S	TROS	410524	A54520	TROS	474253	A545634	FRUEH	370036A
A54442S	L&S	450472 <sup>28</sup>	A54488	L&S	471887	A54521	L&S	450593 <sup>28</sup>	A545634	FRUEH	370349A
A54443	L&S	450474	A54488	TROS	471887	A54521	TROS	450593 <sup>28</sup>	A545634	FRUEH	380036A
A54443	TROS	450474	A54489	TROS	474276 <sup>28</sup>	A54523	TROS	470596	A54564	TROS	471633 <sup>28</sup>
A54444	TROS	471344	A54489S	TROS	474276 <sup>28</sup>	A54523S	L&S	470596	A54565	TROS	471195 <sup>28</sup>
A54444S	TROS	471344	A54490	L&S	50528	A54523S	TROS	470596	A54565	TROS	481195
A54447	TROS	473445	A54490	TROS	50528	A54525	TROS	450604	A54566S	TROS	471466 <sup>28</sup>
A54448	L&S	323138 <sup>28</sup>	A54491	TROS	450984	A54525S	L&S	450604	A54568	TROS	480889
A54448	TROS	323138 <sup>28</sup>	A54492	TROS	470530 <sup>28</sup>	A54525S	TROS	450604	A54569	TROS	450803
A54448S	L&S	323138 <sup>28</sup>	A54494	L&S	450533	A54526	L&S	470606 <sup>28</sup>	A54570S	L&S	470806
A54448S	TROS	323138 <sup>28</sup>	A54494	TROS	450533	A54526	TROS	470606 <sup>28</sup>	A54570S	TROS	470806
A54449	L&S	471818	A54496	L&S	450535	A54528	L&S	470390	A54576S	TROS	473380
A54449	TROS	471818	A54496	L&S	471264 <sup>28</sup>	A54528	TROS	470390	A54577	TROS	450819
A54450	TROS	450482	A54496	TROS	450535	A54529S	L&S	470120	A54578S	L&S	472041
A54450S	L&S	450482	A54496	TROS	471264 <sup>28</sup>	A54529S	L&S	471224 <sup>28</sup>	A54578S	L&S	473454
A54450S	TROS	450482	A54497	L&S	450536	A54529S	TROS	470120	A54578S	TROS	472041
A54452	TROS	411330N	A54497	L&S	471535 <sup>28</sup>	A54529S	TROS	471224 <sup>28</sup>	A54578S	TROS	473454
A54455	TROS	470487N	A54497	TROS	450536	A54531	L&S	450621	A54580	L&S	450365
A54455S	L&S	470487N	A54497	TROS	471535 <sup>28</sup>	A54531	TROS	450621	A54580	L&S	470898
A54457	TROS	450489	A54499S	TROS	414268 <sup>28</sup>	A54532	L&S	470625 <sup>28</sup>	A54580S	L&S	450867
A54457	TROS	473244	A54499S	TROS	450539	A54532	TROS	470625 <sup>28</sup>	A54580S	L&S	470898
A54459	L&S	480491	A54500	L&S	450540	A54533S	L&S	413248	A54580S	TROS	450867
A54459	TROS	480491	A54500	TROS	450540	A54533S	TROS	413248	A54580S	TROS	470898
A54460	L&S	450492	A54501	L&S	471689 <sup>28</sup>	A54534	TROS	473420	A54581	L&S	473203
A54460	TROS	450492	A54501	TROS	471689 <sup>28</sup>	A54537	L&S	471276	A54581	TROS	473203
A54462	TROS	450494	A54501S	L&S	471689 <sup>28</sup>	A54537	TROS	471276	A54582	TROS	450869
A54462	TROS	472164 <sup>28</sup>	A54502	L&S	470543	A54538S	L&S	472475	A54588	TROS	413479
A54462S	L&S	450494	A54502	L&S	474272	A54538S	TROS	472475	A54588S	L&S	413479
A54462S	L&S	472164 <sup>28</sup>	A54502	TROS	470543	A54540	TROS	450639	A54590S	TROS	450911N <sup>28</sup>
A54463	TROS	410496 <sup>28</sup>	A54502	TROS	474272	A54542	TROS	470645	A54591	L&S	473237 <sup>28</sup>
A54463S	L&S	410496 <sup>28</sup>	A54503	L&S	450545	A54543	L&S	481073	A54591	TROS	473237 <sup>28</sup>
A54468	L&S	474260	A54503	TROS	450545	A54543	TROS	481073	A54594S	L&S	471736

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A54594S	TROS	471736	A56003	L&S	417073	A56024S	L&S	476470	A56049	TROS	415043
A54599S	L&S	471564	A56003	TROS	417073	A56025	L&S	455019 <sup>2B</sup>	A56050	TROS	417514
A54599S	TROS	471564	A56004	TROS	415001 <sup>2B</sup>	A56025	TROS	455019 <sup>2B</sup>	A56051	TROS	415045 <sup>2B</sup>
A54602	L&S	410987 <sup>2B</sup>	A56004	TROS	455001	A56026	TROS	455020	A56051S	L&S	415045 <sup>2B</sup>
A54602	TROS	410987 <sup>2B</sup>	A56005	TROS	415988	A56027	L&S	415021	A56052	TROS	417520
A54603	TROS	473474	A56005S	L&S	415988	A56027	TROS	415021	A56052S	L&S	417520
A54603S	L&S	473474	A56006	TROS	415458 <sup>2B</sup>	A56028	L&S	455022	A56053	TROS	415047
A54604S	L&S	480630 <sup>2B</sup>	A56006	TROS	455003	A56028	TROS	370012A	A56053S	L&S	415047
A54604S	L&S	480991	A56006P	L&S	475003N	A56029	L&S	415023	A56054	L&S	417525
A54604S	TROS	480630 <sup>2B</sup>	A56006P	TROS	415458 <sup>2B</sup>	A56029	TROS	415023	A56054	TROS	417525
A54604S	TROS	480991	A56006P	TROS	455003	A56030	L&S	455024	A56055	TROS	370022A
A54605	TROS	472432	A56008	TROS	417316 <sup>2B</sup>	A56030	TROS	455024	A56055	TROS	380022A
A54605	TROS	474256	A56008S	L&S	417316 <sup>2B</sup>	A56031	L&S	415025	A56055S	L&S	416892 <sup>2B</sup>
A54608	TROS	472185 <sup>2B</sup>	A56008S	L&S	455004	A56031	TROS	415025	A56056	L&S	417533
A54611	TROS	471653 <sup>2B</sup>	A56009	L&S	455005	A56032	L&S	455026	A56056	TROS	417533
A54616	L&S	481792	A56009	TROS	455005	A56032	TROS	455026	A56057	TROS	415371
A54616	TROS	481792	A56010	TROS	417344 <sup>2B</sup>	A56033	L&S	415027	A56057S	L&S	415371
A54617S	TROS	471571	A56010	TROS	455006	A56033	TROS	415027	A56059	TROS	415138 <sup>2B</sup>
A54618S	TROS	481073	A56010S	L&S	417344 <sup>2B</sup>	A56033S	L&S	415027 <sup>2B</sup>	A56059S	L&S	415138 <sup>2B</sup>
A54620P	TROS	451078 <sup>2B</sup>	A56010S	L&S	455006	A56033S	L&S	455027	A56060	L&S	417223
A54621	TROS	471413 <sup>2B</sup>	A56010S	TROS	417344 <sup>2B</sup>	A56033S	TROS	415027	A56060	TROS	417223
A54622S	TROS	472213	A56010S	TROS	455006	A56034	L&S	55028	A56063	TROS	455056
A54624	L&S	473228	A56011	L&S	415007	A56034	TROS	55028	A56063S	L&S	455056
A54624	L&S	51098	A56011	TROS	415007	A56035	TROS	370011A	A56064	L&S	417516
A54624	TROS	473228	A56013	L&S	5203	A56035S	L&S	416125 <sup>2B</sup>	A56064	TROS	417516
A54624	TROS	51098	A56013	TROS	455008	A56036	L&S	55030	A56065	L&S	415058
A54625	TROS	471652	A56013S	L&S	455008	A56036	TROS	55030	A56065	TROS	370031A
A54625S	L&S	471652	A56014	TROS	415960	A56037	L&S	416339	A56065	TROS	380031A
A54625S	TROS	471652	A56014	TROS	455009	A56037	L&S	455031 <sup>2B</sup>	A56066	TROS	417238
A54626	TROS	410825	A56014S	L&S	415960	A56037	TROS	416339	A56067	TROS	370019A
A54628	TROS	471707N	A56014S	L&S	455009	A56037	TROS	455031 <sup>2B</sup>	A56067S	L&S	415060
A54628S	L&S	471707N	A56015	L&S	417485	A56038	L&S	455032 <sup>2B</sup>	A56068	L&S	415351 <sup>2B</sup>
A54629	TROS	451082	A56015	TROS	417485	A56038	TROS	455032 <sup>2B</sup>	A56068	TROS	415351 <sup>2B</sup>
A54629S	L&S	451082	A56016	TROS	416921 <sup>2B</sup>	A56039	L&S	416345 <sup>2B</sup>	A56069	TROS	370021A
A54630	L&S	451182	A56016	TROS	455011	A56039	L&S	455033	A56069S	L&S	415351 <sup>2B</sup>
A54630	TROS	451182	A56016S	L&S	416921 <sup>2B</sup>	A56039	TROS	416345 <sup>2B</sup>	A56070	L&S	457585
A54631	TROS	480210 <sup>2B</sup>	A56016S	L&S	455011	A56039	TROS	455033	A56070	TROS	457585
A54635	L&S	51322	A56017	TROS	416654 <sup>2B</sup>	A56040	TROS	415034 <sup>2B</sup>	A56071	L&S	415064
A54635	TROS	51322	A56017	TROS	455012	A56040	TROS	455034	A56071	TROS	370021A
A54636	L&S	411348 <sup>2B</sup>	A56017S	L&S	416654 <sup>2B</sup>	A56040S	L&S	415034 <sup>2B</sup>	A56072	TROS	417536
A54636	TROS	411348 <sup>2B</sup>	A56017S	L&S	455012	A56040S	L&S	455034	A56073	TROS	415066
A54637	L&S	484054	A56018	TROS	415995 <sup>2B</sup>	A56041	TROS	415035	A56073S	L&S	415066
A54637	TROS	484054	A56018	TROS	455013	A56041	TROS	415953	A56074	TROS	456890
A54638	TROS	451583 <sup>2B</sup>	A56018S	L&S	415995 <sup>2B</sup>	A56041S	L&S	415035	A56075	TROS	417269 <sup>2B</sup>
A54639S	L&S	471649 <sup>2B</sup>	A56018S	L&S	455013	A56041S	L&S	415953	A56075S	L&S	417269 <sup>2B</sup>
A54639S	TROS	471649 <sup>2B</sup>	A56018S	TROS	415995 <sup>2B</sup>	A56041S	TROS	415035	A56076	TROS	417273
A55077	AMC	470059	A56018S	TROS	455013	A56041S	TROS	415953	A56076S	L&S	417273
A55077	AMC	470380 <sup>2B</sup>	A56020	L&S	417487	A56042	TROS	415036	A56077	TROS	370028A
A55428	L&S	470712 <sup>2B</sup>	A56020	L&S	455014	A56042S	L&S	415036	A56077S	L&S	416865 <sup>2B</sup>
A55432	CASE	415449 <sup>2B</sup>	A56020	TROS	417487	A56042S	TROS	415036	A56077S	L&S	455070
A55446	CASE	472185 <sup>2B</sup>	A56020	TROS	455014	A56043	TROS	455037	A56077S	TROS	416865 <sup>2B</sup>
A55462	L&S	472164 <sup>2B</sup>	A56021	TROS	455015	A56044	TROS	417512	A56077S	TROS	455070
A55599	US-EL	450068	A56022	TROS	415016N	A56044S	L&S	417512	A56078	TROS	417546 <sup>2B</sup>
A55663	CASE	473234 <sup>2B</sup>	A56022S	L&S	415016N	A56045	TROS	417513	A56078S	L&S	417546 <sup>2B</sup>
A55755	CASE	470403	A56022S	TROS	416288 <sup>2B</sup>	A56045S	L&S	417513	A56078S	TROS	417546 <sup>2B</sup>
A55755	CASE	470774 <sup>2B</sup>	A56023	TROS	456105	A56046	TROS	416891 <sup>2B</sup>	A56079	TROS	415072
A55794	STUDE	320457	A56023S	L&S	456105	A56046S	L&S	416891 <sup>2B</sup>	A56079S	L&S	415072
A55832	CASE	471870 <sup>2B</sup>	A56024	TROS	455018	A56047	L&S	415041	A56079S	TROS	415072
A55832	CASE	471883	A56024	TROS	476470	A56047	TROS	415041	A56080	TROS	416107 <sup>2B</sup>
A55855	CASE	471224 <sup>2B</sup>	A56024S	L&S	455018	A56049	L&S	415043	A56080	TROS	455073

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A56080S	L&S	416107 <sup>28</sup>	A56105S	L&S	415645 <sup>28</sup>	A56135	L&S	417554 <sup>28</sup>	A56160	L&S	417354 <sup>28</sup>
A56080S	L&S	455073	A56105S	L&S	455104	A56135	TROS	417554 <sup>28</sup>	A56160	TROS	417354 <sup>28</sup>
A56080S	TROS	416107 <sup>28</sup>	A56106	TROS	415938	A56137	L&S	415142	A56161	L&S	417493
A56080S	TROS	455073	A56106S	L&S	415938	A56137	TROS	415142	A56161	TROS	417493
A56081	L&S	415074	A56107	TROS	417556	A56138	L&S	455144	A56162	L&S	417196 <sup>28</sup>
A56081	TROS	415074	A56107S	L&S	417556	A56138	TROS	455144	A56162	TROS	417196 <sup>28</sup>
A56082	TROS	416476 <sup>28</sup>	A56108	TROS	416666	A56139	TROS	370014A	A56163	L&S	415711
A56082	TROS	455075	A56108S	L&S	416666	A56139S	L&S	417172	A56163	TROS	415711
A56082S	L&S	416476 <sup>28</sup>	A56109	TROS	457874	A56140	TROS	415991	A56164	TROS	416047
A56082S	L&S	455075	A56109S	L&S	457874	A56140	TROS	455146 <sup>28</sup>	A56164	TROS	416332 <sup>28</sup>
A56083	L&S	415076	A56110	TROS	417562	A56140S	TROS	415991	A56164S	L&S	416047
A56083	TROS	415076	A56110S	L&S	417562	A56140S	TROS	455146 <sup>28</sup>	A56164S	L&S	416332 <sup>28</sup>
A56084	TROS	415077	A56111	L&S	417563	A56141	L&S	415449 <sup>28</sup>	A56164S	TROS	416047
A56085	TROS	455079 <sup>28</sup>	A56111	TROS	417563	A56141	TROS	415449 <sup>28</sup>	A56164S	TROS	416332 <sup>28</sup>
A56086S	TROS	455079 <sup>28</sup>	A56111S	L&S	417563	A56141	TROS	455147	A56165	TROS	415437 <sup>28</sup>
A56087	L&S	455080	A56112	TROS	416229	A56141S	L&S	415449 <sup>28</sup>	A56165	TROS	455173
A56087	TROS	455080	A56112S	L&S	416229	A56141S	L&S	455147	A56165S	L&S	415437 <sup>28</sup>
A56088	L&S	415082	A56113	TROS	417298	A56141S	TROS	415449 <sup>28</sup>	A56165S	L&S	455173
A56088	TROS	415082	A56113S	L&S	417298	A56141S	TROS	455147	A56166	TROS	417497
A56090	TROS	416239 <sup>28</sup>	A56114	TROS	455310	A56142	L&S	417366 <sup>28</sup>	A56166S	L&S	417497
A56090S	L&S	416239 <sup>28</sup>	A56115	L&S	455584	A56142	TROS	417366 <sup>28</sup>	A56167	L&S	415937 <sup>28</sup>
A56091	TROS	415085 <sup>28</sup>	A56115	TROS	455584	A56143	TROS	417343 <sup>28</sup>	A56167	TROS	415937 <sup>28</sup>
A56091	TROS	456648	A56116	TROS	416077	A56143S	L&S	417343 <sup>28</sup>	A56168	L&S	417501
A56091S	L&S	415085 <sup>28</sup>	A56116S	L&S	416077	A56144	L&S	415150 <sup>28</sup>	A56168	TROS	417501
A56091S	L&S	456648	A56117	TROS	415116	A56144	TROS	415150 <sup>28</sup>	A56169	L&S	415379 <sup>28</sup>
A56092	TROS	417487	A56117S	L&S	415116	A56145	L&S	455151	A56169	L&S	455379
A56092	TROS	455086	A56118	L&S	455117	A56145	TROS	455151	A56169	TROS	415379 <sup>28</sup>
A56092S	L&S	417487	A56118	TROS	455117	A56146	TROS	417134	A56169	TROS	455379
A56092S	L&S	455086	A56119	TROS	415551	A56146S	L&S	417134	A56169S	L&S	415379 <sup>28</sup>
A56094S	L&S	415088 <sup>28</sup>	A56119S	L&S	415551	A56147	TROS	417486	A56169S	L&S	455379
A56094S	L&S	455088	A56120	L&S	417598	A56147S	L&S	417486	A56171	L&S	417210 <sup>28</sup>
A56094S	TROS	415088 <sup>28</sup>	A56120	TROS	417598	A56148	L&S	417351 <sup>28</sup>	A56171	TROS	417210 <sup>28</sup>
A56094S	TROS	455088	A56121	L&S	455406 <sup>28</sup>	A56148	L&S	455154	A56172	TROS	417498
A56095	TROS	415090	A56121	TROS	455406 <sup>28</sup>	A56148	TROS	417351 <sup>28</sup>	A56172S	L&S	417498
A56095S	L&S	415090	A56122	L&S	455121	A56148	TROS	455154	A56173	L&S	417355 <sup>28</sup>
A56096	TROS	416167 <sup>28</sup>	A56122	TROS	455121	A56150	TROS	416011	A56173	TROS	417355 <sup>28</sup>
A56096S	L&S	416167 <sup>28</sup>	A56123	TROS	417602 <sup>28</sup>	A56150	TROS	417621 <sup>28</sup>	A56175	TROS	417205 <sup>28</sup>
A56096S	L&S	455091	A56123S	L&S	417602 <sup>28</sup>	A56150S	L&S	416011	A56175S	L&S	417205 <sup>28</sup>
A56096S	TROS	416167 <sup>28</sup>	A56124	TROS	455123	A56150S	L&S	417621 <sup>28</sup>	A56176	TROS	417504
A56097	TROS	417596	A56125	TROS	415124	A56150S	TROS	416011	A56177	TROS	417211 <sup>28</sup>
A56098	TROS	411376 <sup>28</sup>	A56126	L&S	417022	A56150S	TROS	417621 <sup>28</sup>	A56177S	L&S	417211 <sup>28</sup>
A56098	TROS	455093	A56126	TROS	417022	A56151	TROS	416292	A56177S	TROS	417211 <sup>28</sup>
A56098S	L&S	411376 <sup>28</sup>	A56127	TROS	417604	A56152S	L&S	417488 <sup>28</sup>	A56178	TROS	455186
A56098S	L&S	455093	A56127S	L&S	417604	A56152S	TROS	417488 <sup>28</sup>	A56178S	L&S	455186
A56098S	TROS	411376 <sup>28</sup>	A56128	L&S	417567	A56153	L&S	417171 <sup>28</sup>	A56179	TROS	415187
A56098S	TROS	455093	A56128	TROS	417567	A56153	TROS	417171 <sup>28</sup>	A56179S	L&S	415187
A56099	TROS	416444	A56129S	L&S	415128	A56154	L&S	417490	A56180	L&S	417356 <sup>28</sup>
A56099S	L&S	416444	A56129S	TROS	415128	A56154	TROS	417490	A56180	L&S	455188
A56101	TROS	416271 <sup>28</sup>	A56130S	L&S	455129	A56155	TROS	417181 <sup>28</sup>	A56180	TROS	417356 <sup>28</sup>
A56101S	L&S	416271 <sup>28</sup>	A56130S	TROS	455129	A56155S	L&S	417181 <sup>28</sup>	A56180	TROS	455188
A56101S	TROS	416271 <sup>28</sup>	A56131	L&S	417474	A56156S	TROS	417491	A56181S	L&S	455189
A56102	L&S	411245 <sup>28</sup>	A56131	TROS	417474	A56157	L&S	412473 <sup>28</sup>	A56181S	TROS	455189
A56102	L&S	455096	A56132	TROS	455134 <sup>28</sup>	A56157	L&S	415894	A56182	L&S	455191
A56102	TROS	411245 <sup>28</sup>	A56132S	L&S	455134 <sup>28</sup>	A56157	TROS	412473 <sup>28</sup>	A56182	TROS	455191
A56102	TROS	455096	A56133	L&S	455136	A56157	TROS	415894	A56183	TROS	417357
A56103	L&S	415302	A56133	TROS	455136	A56158	TROS	417191	A56183	TROS	455192 <sup>28</sup>
A56103	TROS	415302	A56134	TROS	370018A	A56158	TROS	455165 <sup>28</sup>	A56183S	L&S	417357
A56104	L&S	416282	A56134S	L&S	418028	A56158S	L&S	417191	A56183S	L&S	455192 <sup>28</sup>
A56104	TROS	416282	A56134S	L&S	455137 <sup>28</sup>	A56158S	L&S	455165 <sup>28</sup>	A56185	L&S	455194
A56105	TROS	417547	A56134S	TROS	370018A	A56159	TROS	417492	A56185	TROS	455194

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A56186	TROS	455195	A56220S	L&S	417538	A56270	TROS	455294	A56317	L&S	415350
A56186	TROS	472157 <sup>2B</sup>	A56221	L&S	415234 <sup>2B</sup>	A56270S	TROS	415294 <sup>2B</sup>	A56317	TROS	415350
A56186S	L&S	455195	A56221	TROS	415234 <sup>2B</sup>	A56270S	TROS	455294	A56319	L&S	55353
A56186S	L&S	472157 <sup>2B</sup>	A56223	L&S	55238	A56271	TROS	415295	A56319	TROS	55353
A56186S	TROS	455195	A56223	TROS	55238	A56271S	L&S	415295	A56320	TROS	416404 <sup>2B</sup>
A56186S	TROS	472157 <sup>2B</sup>	A56226	L&S	417481	A56272	TROS	417082	A56320S	L&S	416404 <sup>2B</sup>
A56187	TROS	415196 <sup>2B</sup>	A56226	TROS	417481	A56272S	L&S	417082	A56321S	L&S	417158 <sup>2B</sup>
A56187S	L&S	415196 <sup>2B</sup>	A56227	L&S	416024	A56273	L&S	455297	A56321S	L&S	455355
A56187S	TROS	415196 <sup>2B</sup>	A56229	L&S	417540	A56273	TROS	455297	A56321S	TROS	417158 <sup>2B</sup>
A56188	L&S	455197N	A56229	TROS	417540	A56275	TROS	417600	A56321S	TROS	455355
A56188	TROS	455197N	A56230	L&S	412861	A56275S	L&S	417600	A56322	TROS	455356
A56189	TROS	415196 <sup>2B</sup>	A56230	TROS	412861	A56276	TROS	417601	A56323	L&S	55357
A56190	TROS	416888 <sup>2B</sup>	A56231	L&S	455249 <sup>2B</sup>	A56276S	L&S	417601	A56323	TROS	55357
A56190	TROS	455200	A56231	TROS	455249 <sup>2B</sup>	A56277S	L&S	55301S	A56326	TROS	417362 <sup>2B</sup>
A56190P	L&S	455200N	A56232	TROS	415303 <sup>2B</sup>	A56277S	TROS	55301S	A56326S	TROS	417362 <sup>2B</sup>
A56190S	L&S	416888 <sup>2B</sup>	A56232S	L&S	415303 <sup>2B</sup>	A56279	TROS	476470	A56327	TROS	416664 <sup>2B</sup>
A56191	L&S	417509	A56233R	L&S	455251H	A56279S	L&S	476470	A56327	TROS	455364
A56191	TROS	417509	A56233S	TROS	455251H	A56280	TROS	415991	A56327S	L&S	416664 <sup>2B</sup>
A56192	L&S	455203	A56235	L&S	455253	A56280	TROS	455146 <sup>2B</sup>	A56327S	L&S	455364
A56192	TROS	455203	A56235	TROS	455253	A56282	TROS	455308	A56327S	TROS	416664 <sup>2B</sup>
A56193	TROS	417515	A56236	L&S	415254	A56284	TROS	455310	A56327S	TROS	455364
A56194	L&S	416137	A56236	TROS	415254	A56284S	L&S	455310	A56328	L&S	327303 <sup>2B</sup>
A56194	TROS	416137	A56237	TROS	417198	A56285	TROS	455311	A56328	TROS	327303 <sup>2B</sup>
A56195	TROS	416144	A56239	TROS	417252	A56286	L&S	417278	A56331	TROS	415483 <sup>2B</sup>
A56195S	L&S	416144	A56240	L&S	415259 <sup>2B</sup>	A56286	TROS	417278	A56331	TROS	455368
A56196	L&S	416149	A56240	TROS	415259 <sup>2B</sup>	A56287	TROS	416670	A56331S	L&S	415483 <sup>2B</sup>
A56196	TROS	416149	A56241	TROS	455260	A56288	TROS	415984 <sup>2B</sup>	A56331S	L&S	455368
A56197	L&S	417526	A56243	L&S	417496	A56290	L&S	415317	A56331S	TROS	415483 <sup>2B</sup>
A56197	TROS	417526	A56243	TROS	417496	A56290	TROS	415317	A56331S	TROS	455368
A56198	TROS	416154 <sup>2B</sup>	A56244	TROS	415263	A56291	L&S	417542	A56332	TROS	416273 <sup>2B</sup>
A56198S	L&S	416154 <sup>2B</sup>	A56244S	L&S	415263	A56291	TROS	417542	A56332S	L&S	416273 <sup>2B</sup>
A56198S	TROS	416154 <sup>2B</sup>	A56244S	TROS	415263	A56292	TROS	417495	A56333	L&S	417537
A56199	L&S	417534	A56245	TROS	415867	A56293	L&S	455321	A56333	TROS	417537
A56199	TROS	417534	A56246	L&S	456305	A56293	TROS	455321	A56334S	TROS	415371
A56200	TROS	416158	A56246	TROS	416865 <sup>2B</sup>	A56294	TROS	417484N	A56336	L&S	417541
A56200S	L&S	416158	A56250	TROS	417502	A56294	TROS	455322	A56336	TROS	417541
A56201	TROS	417535	A56251S	L&S	417605	A56294S	L&S	417484N	A56337	TROS	415284
A56202	L&S	417247 <sup>2B</sup>	A56251S	TROS	417605	A56294S	L&S	455322	A56337S	L&S	415284
A56202	TROS	417247 <sup>2B</sup>	A56252	TROS	415725 <sup>2B</sup>	A56294S	TROS	417484N	A56337S	TROS	415284
A56203	L&S	416163	A56252S	L&S	415725 <sup>2B</sup>	A56294S	TROS	455322	A56338	TROS	415379 <sup>2B</sup>
A56203	TROS	416163	A56252S	TROS	415725 <sup>2B</sup>	A56295	TROS	417532	A56338	TROS	455379
A56204	TROS	417539 <sup>2B</sup>	A56253	TROS	416706 <sup>2B</sup>	A56296	L&S	415327	A56338S	L&S	415379 <sup>2B</sup>
A56204S	L&S	417539 <sup>2B</sup>	A56253	TROS	455272	A56296	TROS	415327	A56338S	L&S	455379
A56205	L&S	417267	A56253S	TROS	416706 <sup>2B</sup>	A56297	TROS	455328	A56338S	TROS	415379 <sup>2B</sup>
A56205	TROS	417267	A56253S	TROS	455272	A56299	L&S	455330 <sup>2B</sup>	A56338S	TROS	455379
A56207	TROS	415219	A56254	L&S	417254	A56299	TROS	455330 <sup>2B</sup>	A56339	TROS	410825
A56207S	L&S	415219	A56254	TROS	417254	A56300	TROS	417191	A56342	TROS	416956
A56207S	TROS	415219	A56258	TROS	455280	A56305	L&S	455336	A56342S	L&S	416956
A56208	L&S	415871	A56259	TROS	415281N	A56305	TROS	455336	A56342S	TROS	416956
A56208	TROS	415871	A56259S	L&S	415281N	A56306	TROS	55337	A56343	TROS	475384
A56209	L&S	417606	A56261	TROS	416364 <sup>2B</sup>	A56308	TROS	415991	A56343S	L&S	475384
A56209	TROS	417606	A56261S	L&S	416364 <sup>2B</sup>	A56308	TROS	455146 <sup>2B</sup>	A56346	TROS	415389
A56213	TROS	417020	A56261S	TROS	416364 <sup>2B</sup>	A56309	L&S	417494	A56349	L&S	417511
A56214	TROS	417570	A56263	TROS	370028A	A56309	TROS	417494	A56349	TROS	417511
A56215	L&S	415227 <sup>2B</sup>	A56264	TROS	417602 <sup>2B</sup>	A56310	TROS	417531	A56350	L&S	415394
A56215	TROS	415227 <sup>2B</sup>	A56267	TROS	455290	A56314	TROS	417159	A56350	TROS	415394
A56217	TROS	415482	A56269	TROS	417584	A56314S	L&S	417159	A56351	L&S	417549 <sup>2B</sup>
A56219S	L&S	416153 <sup>2B</sup>	A56270	L&S	415294 <sup>2B</sup>	A56314S	TROS	417159	A56351	TROS	417549 <sup>2B</sup>
A56219S	TROS	416153 <sup>2B</sup>	A56270	L&S	455294	A56316	L&S	415349	A56352	TROS	455396
A56220	TROS	417538	A56270	TROS	415294 <sup>2B</sup>	A56316	TROS	415349	A56356	TROS	417551

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A56357	L&S	55419	A56404S	L&S	455513	A56477	L&S	417258	A600L-202	CONTI	450115
A56357	TROS	55419	A56404S	TROS	417507 <sup>28</sup>	A56477	TROS	417258	A600L-202	CONTI	473467 <sup>28</sup>
A56357S	L&S	417492	A56404S	TROS	455513	A56478	TROS	410825	A600L202	MASSE	450115
A56358	L&S	417564	A56408	L&S	55524	A56480	L&S	415832	A600L202	MASSE	473467 <sup>28</sup>
A56358	TROS	417564	A56408	TROS	55524	A56480	TROS	415832	A600L-202L	CONTI	450115
A56361	L&S	455434	A56412	TROS	455536	A56481	TROS	417604	A600L-202L	CONTI	473467
A56361	TROS	455434	A56416	TROS	370033A	A56484	TROS	415854	A600L-214	CONTI	450115
A56363	TROS	415437	A56416S	L&S	415697 <sup>28</sup>	A56485	L&S	415857 <sup>28</sup>	A600L-214	CONTI	473467 <sup>28</sup>
A56363S	L&S	415437	A56416S	L&S	455547	A56485	TROS	415857 <sup>28</sup>	A60106	TROS	8976S
A56365	TROS	410312N	A56416S	TROS	415697 <sup>28</sup>	A56486	L&S	455858	A60108K	TROS	370012A
A56367	L&S	415447	A56416S	TROS	455547	A56486	TROS	455858	A6020A	GAL	416271 <sup>28</sup>
A56367	TROS	415447	A56417	L&S	55548	A56487	TROS	417480 <sup>28</sup>	A60382	OLIVE	450083
A56370S	L&S	417597	A56417	TROS	55548	A56487	TROS	455860	A60382	OLIVE	472924 <sup>28</sup>
A56370S	TROS	417597	A56419	L&S	455556	A56487S	L&S	417480 <sup>28</sup>	A60536	CUMMI	450185
A56372	L&S	455576 <sup>28</sup>	A56419	TROS	455556	A56487S	L&S	455860	A60536	CUMMI	473229
A56372	TROS	455576 <sup>28</sup>	A56421S	TROS	417780	A56489	L&S	2055	A60801S	L&S	8773S
A56373	TROS	455462	A56422	L&S	415559	A56489	TROS	2055	A60801S	TROS	8773S
A56374	TROS	417550	A56422	TROS	415559	A56492S	TROS	2218	A61089	STUDE	470169
A56375	L&S	55469	A56425	L&S	55563	A56493S	TROS	416102	A61089	STUDE	473214
A56375	TROS	55469	A56425	TROS	55563	A56500S	L&S	415958 <sup>28</sup>	A61111	STUDE	471763
A56376	TROS	455471	A56426	TROS	455566	A56500S	L&S	455958	A61161	L&S	42101S
A56378	L&S	417518	A56426S	TROS	455566	A56500S	TROS	415958 <sup>28</sup>	A61161	TROS	42101S
A56378	TROS	417518	A56430S	L&S	417506	A56500S	TROS	455958	A61161S	L&S	42101S
A56380	TROS	455476	A56430S	TROS	417506	A565634	FRUEH	370036A	A614413	DCORP	412119 <sup>28</sup>
A56381	TROS	417350 <sup>28</sup>	A56431S	TROS	455576 <sup>28</sup>	A565634	FRUEH	370349A	A614413	DCORP	450101
A56381	TROS	455479	A56432	TROS	415577	A565634	FRUEH	380036A	A614418	DCORP	472213
A56381S	L&S	417350 <sup>28</sup>	A56434	L&S	456618	A57230	CASE	416294 <sup>28</sup>	A61442	DCORP	471466 <sup>28</sup>
A56381S	L&S	455479	A56434	TROS	370023A	A57231	CASE	J1123	A614422	DCORP	340495
A56382	TROS	455480 <sup>28</sup>	A56434	TROS	380023A	A57247	CASE	5397 <sup>30</sup>	A614423	DCORP	472258 <sup>28</sup>
A56382S	L&S	455480 <sup>28</sup>	A56435	TROS	455583N <sup>28</sup>	A57250	CASE	5397	A614436	DCORP	473234 <sup>28</sup>
A56382S	TROS	455480 <sup>28</sup>	A56440	L&S	416070	A57479	CASE	411500	A614438	DCORP	471750 <sup>28</sup>
A56383	TROS	417543	A56440	TROS	416070	A57501R	TROS	9613S	A614444	DCORP	471549 <sup>28</sup>
A56384	TROS	415482	A56444	TROS	416294 <sup>28</sup>	A57520S	L&S	471652	A614446	DCORP	471231 <sup>28</sup>
A56386S	TROS	415937 <sup>28</sup>	A56446	L&S	416029N <sup>28</sup>	A57520S	TROS	471652	A61445	DCORP	481443 <sup>28</sup>
A56387S	L&S	415937 <sup>28</sup>	A56446	TROS	416029N <sup>28</sup>	A57520S	TROS	482208 <sup>28</sup>	A61447	DCORP	472951
A56387S	TROS	415937 <sup>28</sup>	A56449	TROS	415085 <sup>28</sup>	A57647	CASE	415559	A61447	DCORP	474252
A56388	L&S	417555 <sup>28</sup>	A56449	TROS	456648	A57658	CASE	476470	A61448	CASE	486857
A56388	TROS	417555 <sup>28</sup>	A56450	L&S	415371	A57697	CASE	J1105	A61448	DCORP	471747 <sup>28</sup>
A56390S	L&S	417603 <sup>28</sup>	A56450	TROS	415371	A57699	CASE	472041	A61448	DCORP	472674
A56390S	TROS	417603 <sup>28</sup>	A56455	L&S	455655 <sup>28</sup>	A57699	CASE	473454	A61449	CASE	9943
A56392	TROS	417548	A56455	TROS	455655 <sup>28</sup>	A5769L	CASE	J1105	A61449	DCORP	473424 <sup>28</sup>
A56392S	L&S	417548	A56456S	TROS	416267 <sup>28</sup>	A57708	CASE	472164 <sup>28</sup>	A61736	CASE	6597S
A56392S	TROS	417548	A56458	L&S	412473 <sup>28</sup>	A58051	L&S	473235 <sup>28</sup>	A61840S	TROS	471539 <sup>28</sup>
A56394	TROS	415498	A56458	L&S	415894	A58223	CASE	471271 <sup>28</sup>	A62050	CASE	714750
A56394S	L&S	415498	A56458	TROS	412473 <sup>28</sup>	A58428	CASE	472878	A620A	OLIVE	412119 <sup>28</sup>
A56394S	TROS	415498	A56458	TROS	415894	A5861AB	CASE	470062	A620A	OLIVE	450101
A56395	TROS	418029 <sup>28</sup>	A56459	L&S	415683	A5861AB	CASE	474264	A62701P	L&S	482041N
A56395	TROS	455499	A56459	TROS	415683	A59046	CASE	416043	A62701P	TROS	482041N
A56395S	L&S	418029 <sup>28</sup>	A56461	TROS	455685	A59134	TROS	41257 <sup>28</sup>	A6283	CASE	370051A
A56395S	L&S	455499	A56463	L&S	417353 <sup>28</sup>	A59760P	L&S	335924N	A62855	ALLCH	450066
A56396	TROS	455500	A56463	TROS	417353 <sup>28</sup>	A59760S	TROS	335924N	A62855	ALLCH	473367 <sup>28</sup>
A56398	L&S	45583N <sup>28</sup>	A56464	L&S	416297	A598417	NEHO	370023A	A63101S	L&S	8974S
A56398	TROS	45583N <sup>28</sup>	A56464	TROS	416297	A598417	SPERY	370023A	A63102	TROS	8975S
A56400	TROS	455509	A56466S	TROS	416364 <sup>28</sup>	A59861S	TROS	480821 <sup>28</sup>	A63201S	L&S	8477S
A56401S	L&S	2081	A56469	TROS	370019A	A60003E	GMC	471643 <sup>28</sup>	A63201S	TROS	8477S
A56401S	TROS	2081	A56470	TROS	415960	A60003F	GMC	471643 <sup>28</sup>	A63301S	L&S	9178S
A56403	L&S	416130 <sup>28</sup>	A56470	TROS	455009	A600B-202	CONTI	410737 <sup>28</sup>	A63301S	TROS	9178S
A56403	TROS	370015A	A56474	L&S	416071	A600B-202	CONTI	450737	A63720K	L&S	5095
A56404	TROS	370066A	A56474	TROS	416071	A600L-202	CASE	450115	A63720K	TROS	5095
A56404S	L&S	417507 <sup>28</sup>	A56476	TROS	455820	A600L-202	CASE	473467 <sup>28</sup>	A63860S	TROS	470954 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A63901S	L&S	480581	A65103S	TROS	8975S	A66123S	TROS	472258 <sup>2B</sup>	A69511K	TROS	370036A
A63901S	TROS	480581	A65120S	L&S	9406S	A6614	MUSAS	710332	A69511K	TROS	370349A
A63960	TROS	311189	A65120S	TROS	4148	A6615	MUSAS	710834	A69511K	TROS	380036A
A64101S	L&S	8705S	A65120S	TROS	471424 <sup>2B</sup>	A6616	MUSAS	710451	A69512K	TROS	370192A
A64101S	TROS	8705S	A65121S	L&S	9339S	A6620	MUSAS	710630	A69513K	TROS	370004A
A64160	L&S	8635S	A65121S	TROS	9339S	A66203	L&S	9049N	A69519K	TROS	370026A
A64160	TROS	8635S	A65201S	L&S	8835S	A66203	TROS	9049N	A69520K	TROS	370065A
A64201S	L&S	8594S	A65201S	TROS	8835S	A66204S	L&S	9128S	A69520K	TROS	376590A
A64201S	TROS	8594S	A65202S	L&S	8940S	A66204S	TROS	9128S	A69520K	TROS	380065A
A64202S	L&S	8660S	A65202S	TROS	8940S	A6622	MUSAS	711005	A69521K	TROS	370107A
A64202S	TROS	8660S	A65240S	L&S	8704S	A6625	MUSAS	710608	A69522K	TROS	370027A
A64220	L&S	9569S	A65240S	TROS	8704S	A66402P	TROS	2043	A69535K	TROS	370025A
A64220	TROS	9569S	A65261	TROS	370036A	A66402S	L&S	2043	A69535K	TROS	380025A
A64402P	L&S	8610	A65261	TROS	370349A	A66402S	TROS	2043	A69535K	TROS	386025A
A64402P	TROS	8610	A65261	TROS	380036A	A66501S	TROS	470530 <sup>2B</sup>	A69536K	TROS	370037A
A64459	STUDE	471103 <sup>2B</sup>	A65262	TROS	370020A	A66520S	L&S	473473	A69536K	TROS	370338A
A64459	STUDE	50197S	A65263	TROS	370001A	A66520S	TROS	473473	A69570K	TROS	370036A
A64501R	L&S	6712NA	A65263	TROS	380001A	A66540S	L&S	8935S	A69570K	TROS	370349A
A64501R	TROS	6712NA	A65270	TROS	370022A	A66540S	TROS	8935S	A69570K	TROS	380036A
A64503S	TROS	472299	A65270	TROS	380022A	A66541S	L&S	473234 <sup>2B</sup>	A69594K	TROS	370026A
A64520	L&S	4039S	A65272	TROS	370021A	A66541S	TROS	473234 <sup>2B</sup>	A69596K	TROS	370065A
A64520	L&S	4039S	A65274	TROS	370005A	A66581	DCORP	473236 <sup>2B</sup>	A69596K	TROS	376590A
A64520S	L&S	330663	A-65277	TROS	370030A	A66584	DCORP	473234 <sup>2B</sup>	A69596K	TROS	380065A
A64520S	L&S	472354 <sup>2B</sup>	A65283	TROS	370006A	A67101S	L&S	8871	A69597K	TROS	370036A
A64520S	TROS	330663	A65284	TROS	370019A	A67367	CASE	417509	A69597K	TROS	370349A
A64520S	TROS	472354 <sup>2B</sup>	A65287	TROS	370007A	A675000AL513	GE	416888 <sup>2B</sup>	A69597K	TROS	380036A
A64540S	L&S	415991 <sup>2B</sup>	A65291	TROS	370012A	A676000AC111	GE	451583 <sup>2B</sup>	A69598K	TROS	370025A
A64540S	L&S	415991N	A65299	TROS	370057A	A676000AD155	GE	481792	A69598K	TROS	380025A
A64540S	TROS	415991 <sup>2B</sup>	A65340S	L&S	8695S	A676000AD156	GE	471652	A69598K	TROS	386025A
A64540S	TROS	415991N	A65340S	TROS	8695S	A676000AD161	GE	471787 <sup>2B</sup>	A69599K	TROS	370037A
A64601S	L&S	472082	A65360S	L&S	7687S	A676000AD162	GE	471413 <sup>2B</sup>	A69599K	TROS	370338A
A64601S	TROS	472082	A65360S	TROS	7687S	A676000AD163	GE	471801 <sup>2B</sup>	A69604K	TROS	370014A
A64965S	L&S	471271 <sup>2B</sup>	A65402P	L&S	411330N	A676000AE212	GE	470380 <sup>2B</sup>	A69605K	TROS	370011A
A64965S	TROS	471271 <sup>2B</sup>	A65402P	TROS	411330N	A676000AE213	GE	473228 <sup>2B</sup>	A69608K	TROS	370015A
A64968S	L&S	415458 <sup>2B</sup>	A65501S	L&S	9449	A676000AF251	GE	472299	A69609K	TROS	370124A
A64968S	L&S	475458	A65501S	TROS	9449	A676000AF255	GE	473230 <sup>2B</sup>	A69611K	TROS	370018A
A64968S	TROS	415458 <sup>2B</sup>	A65502S	L&S	8792S	A676000AF258	GE	471829	A69612K	TROS	370010A
A64968S	TROS	475458	A65502S	TROS	8792S	A676000AF260	GE	472164 <sup>2B</sup>	A69616K	TROS	370007A
A65003	TROS	370025A	A65520S	L&S	470687	A676000AG302	GE	473238 <sup>2B</sup>	A69619K	TROS	370007A
A65003	TROS	380025A	A65520S	TROS	470687	A676000AK454	GE	415984 <sup>2B</sup>	A69622K	TROS	370012A
A65003	TROS	386025A	A65521P	L&S	482163N	A676000AL508	GE	416380 <sup>2B</sup>	A69624K	TROS	370012A
A65027	TROS	370106A	A65601P	L&S	3945	A676000AL513	GE	416888 <sup>2B</sup>	A69625K	TROS	370012A
A65029	TROS	370031A	A65601P	TROS	3945	A67637	CASE	417509	A69626K	TROS	370001A
A65029	TROS	380031A	A65961	TROS	412725	A67689	STUDE	450115	A69626K	TROS	380001A
A65054	TROS	370009A	A65961S	TROS	412725	A67689	STUDE	473467	A69627K	TROS	370048A
A65054	TROS	380009A	A65963S	TROS	476838 <sup>2B</sup>	A69193	STUDE	471192	A69627K	TROS	370182A
A65056	TROS	370003A	A65965S	L&S	450154	A693A	OLIVE	411253 <sup>2B</sup>	A69627K	TROS	380048A
A65056	TROS	380003A	A65965S	L&S	473234	A693A	OLIVE	450099	A69628K	TROS	370033A
A65060	TROS	370025A	A65965S	TROS	450154	A693A	WHITE	411253 <sup>2B</sup>	A69629K	TROS	370020A
A65060	TROS	380025A	A65965S	TROS	473234	A693A	WHITE	450099	A69637	TROS	370002A
A65060	TROS	386025A	A65968S	TROS	471567 <sup>2B</sup>	A69503K	TROS	370013A	A69637K	TROS	370002A
A65065	TROS	370005A	A6600	MUSAS	228015	A69505K	TROS	370025A	A69639K	TROS	370054A
A65067	TROS	370030A	A6601	MUSAS	710217	A69505K	TROS	380025A	A69640K	TROS	370057A
A65070	TROS	370005A	A6604	MUSAS	710173	A69505K	TROS	386025A	A69643K	TROS	370131A
A65072	TROS	370021A	A6605	MUSAS	710598	A69506K	TROS	370029A	A69643K	TROS	380131A
A65073	TROS	370011A	A6606	MUSAS	1146	A69509K	TROS	370037A	A69688K	TROS	370002A
A65073W	TROS	370011A	A6607	MUSAS	712551	A69509K	TROS	370338A	A69689K	TROS	370011A
A65084	TROS	370019A	A66120S	L&S	472394	A69510K	TROS	370036A	A69690K	TROS	370007A
A65102S	TROS	8974S	A66120S	TROS	472394	A69510K	TROS	370349A	A69691K	TROS	370015A
A65103S	L&S	8975S	A66121S	L&S	6815	A69510K	TROS	380036A	A69693K	TROS	370012A

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A69695K	TROS	370064A	A69790K	TROS	380036A	A75016S	L&S	45637S	A78012	TROS	204020
A69696K	TROS	370131A	A69791K	TROS	370021A	A75016S	TROS	45637S	A78012	TROS	204505 <sup>28</sup>
A69696K	TROS	380131A	A69792K	TROS	370019A	A75233	CASE	415147	A78013	L&S	205035
A69697K	TROS	370048A	A69793K	TROS	370022A	A75233	CASE	415449 <sup>28</sup>	A78013	TROS	205035
A69697K	TROS	370182A	A69793K	TROS	380022A	A7597	AM CA	473453	A78014	L&S	205044
A69697K	TROS	380048A	A69794K	TROS	370023A	A76002S	TROS	200110	A78014	TROS	205044
A69698K	TROS	370020A	A69794K	TROS	370024A	A76004	L&S	204008	A78016S	TROS	472144 <sup>28</sup>
A69699K	TROS	370001A	A69794K	TROS	380023A	A76004	TROS	204008	A78018S	L&S	210945
A69699K	TROS	380001A	A69795K	TROS	370030A	A76005S	L&S	203003	A78018S	TROS	210945
A69701K	TROS	370004A	A69798K	TROS	370005A	A76005S	TROS	203003	A78019S	TROS	411376 <sup>28</sup>
A69702K	TROS	370022A	A7001	MERCM	470189	A76006S	L&S	203003	A78021S	TROS	415449 <sup>28</sup>
A69702K	TROS	380022A	A7001	MERCM	471692 <sup>28</sup>	A76006S	TROS	203003	A78022S	TROS	417343 <sup>28</sup>
A69703K	TROS	370021A	A7018	MERCM	471472 <sup>28</sup>	A76008S	L&S	203006 <sup>28</sup>	A78023S	L&S	412473 <sup>28</sup>
A69705K	TROS	370033A	A7090	CASE	6835S	A76008S	TROS	203006 <sup>28</sup>	A78023S	TROS	412473 <sup>28</sup>
A69707K	TROS	370030A	A7144	CASE	473227	A76010S	L&S	203008	A78023S	TROS	415894
A69711K	TROS	370008A	A7146	CASE	470351	A76010S	TROS	203008	A78024S	TROS	415725 <sup>28</sup>
A69713K	TROS	370027A	A7146	CASE	471504 <sup>28</sup>	A76011S	L&S	203012	A78026S	TROS	471554 <sup>28</sup>
A69714K	TROS	370005A	A7184	BORGW	410059	A76011S	TROS	203012	A78029S	L&S	471224 <sup>28</sup>
A69716K	TROS	370006A	A7184	BORGW	470380 <sup>28</sup>	A76012S	L&S	203013	A78029S	TROS	471224 <sup>28</sup>
A69717K	TROS	370019A	A7184	FORD	410059	A76012S	TROS	203013	A78031S	TROS	471689 <sup>28</sup>
A69718K	TROS	370019A	A7184	FORD	470380 <sup>28</sup>	A76013S	L&S	203016	A78033S	TROS	472164 <sup>28</sup>
A69719K	TROS	370006A	A7201	BORGW	471869	A76013S	TROS	203016	A78034S	TROS	472299
A69724K	TROS	370036A	A7201	BORGW	473459	A76014	CASE	470898	A78036S	L&S	471829
A69724K	TROS	370349A	A7201	FORD	471869	A76014S	L&S	203025	A78036S	TROS	471829
A69724K	TROS	380036A	A7201	FORD	473459	A76014S	TROS	203025	A78037S	TROS	415003
A69725K	TROS	370047A	A72069	L&S	471192	A76015S	L&S	203029	A78037S	TROS	415458 <sup>28</sup>
A69728K	TROS	370033A	A72069	TROS	471192	A76015S	TROS	203029	A78038S	TROS	415086N
A69730K	TROS	370046A	A73015	L&S	200600	A76016S	TROS	45637S	A78038S	TROS	417487 <sup>28</sup>
A69742K	TROS	370003A	A73015	TROS	200600	A76017S	L&S	204002	A78039S	L&S	415146 <sup>28</sup>
A69742K	TROS	380003A	A73019	L&S	200640	A76017S	TROS	204002	A78039S	L&S	415991
A69743K	TROS	370106A	A73019	TROS	200640	A76021S	L&S	204008	A78039S	TROS	415146 <sup>28</sup>
A69745K	TROS	370031A	A73025	L&S	7208S	A76021S	TROS	204008	A78039S	TROS	415991
A69745K	TROS	380031A	A73025	TROS	7208S	A76024S	L&S	204013	A78040S	TROS	415984 <sup>28</sup>
A69746K	TROS	370069A	A73029	L&S	200642	A76024S	TROS	204013	A7870	CASE	415036
A69746K	TROS	380069A	A73029	TROS	200642	A76025S	L&S	204017	A7889	CASE	415036
A69750K	TROS	370028A	A74002	L&S	450040	A76025S	TROS	204017	A79011P	TROS	410737 <sup>28</sup>
A69754K	TROS	370023A	A74002	TROS	450040	A76026S	L&S	204020	A79012P	L&S	415086N
A69754K	TROS	370024A	A74003	L&S	471419	A76026S	L&S	204505 <sup>28</sup>	A79012P	L&S	417487 <sup>28</sup>
A69754K	TROS	370165A	A74003	L&S	473367	A76026S	TROS	204020	A79012S	TROS	415086N
A69754K	TROS	380023A	A74003	TROS	471419	A76026S	TROS	204505 <sup>28</sup>	A79012S	TROS	417487 <sup>28</sup>
A69755K	TROS	370009A	A74003	TROS	473367	A76028S	L&S	204035	A79013S	TROS	415984 <sup>28</sup>
A69755K	TROS	380009A	A74004	TROS	473228 <sup>28</sup>	A76028S	TROS	204035	A79016S	TROS	416404 <sup>28</sup>
A69756K	TROS	370003A	A74008	L&S	472287 <sup>28</sup>	A76216	CASE	471869	A79017S	TROS	415498
A69756K	TROS	380003A	A74008	TROS	472287 <sup>28</sup>	A76216	CASE	473459	A79018S	L&S	35949N
A69757K	TROS	370005A	A74010	TROS	473010 <sup>28</sup>	A76396	STUDE	472924 <sup>28</sup>	A79018S	TROS	35949N
A69758K	TROS	370031A	A74012	TROS	415147	A7662	AM CA	470351	A7963619	ACF	240736
A69758K	TROS	380031A	A74012	TROS	415449 <sup>28</sup>	A7662	AM CA	471504 <sup>28</sup>	A80013S	L&S	240009
A69759K	TROS	370121A	A74013	TROS	417344 <sup>28</sup>	A7717	CLARK	415483 <sup>28</sup>	A80013S	TROS	240009
A69781K	TROS	370069A	A74014	L&S	416444	A7717	CLARK	455368	A80016S	L&S	240023
A69781K	TROS	380069A	A74014	TROS	416444	A778	WILYS	40140S	A80016S	TROS	240023
A69782K	TROS	370121A	A74015	TROS	415147	A779	WILYS	40576S	A80019S	TROS	240119
A69783K	TROS	370004A	A74015	TROS	415449 <sup>28</sup>	A7792	CASE	415147	A80021S	TROS	240151
A69785K	TROS	370047A	A74017	TROS	415379	A7792	CASE	415449 <sup>28</sup>	A80027S	L&S	240319
A69787K	TROS	370009A	A74019	TROS	416666	A78003	TROS	205004	A80027S	TROS	240319
A69787K	TROS	380009A	A74023	TROS	416865 <sup>28</sup>	A78004	L&S	203005 <sup>28</sup>	A80028S	TROS	240356
A69788K	TROS	370031A	A75006S	TROS	240009	A78004	L&S	205005	A80031S	L&S	6703S
A69788K	TROS	380031A	A75012S	L&S	340469	A78004	TROS	203005 <sup>28</sup>	A80031S	TROS	6703S
A69789K	TROS	370006A	A75012S	TROS	340469	A78004	TROS	205005	A80032S	L&S	240414
A69790K	TROS	370036A	A75013S	L&S	340771	A78010	L&S	205015	A80032S	TROS	240414
A69790K	TROS	370349A	A75013S	TROS	340771	A78010	TROS	205015	A80034S	TROS	240435

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A80035S	TROS	240457	A-805-F-136	MERIX	455330 <sup>2B</sup>	A-805-F-210	MERIX	415379	A83004S	L&S	350954
A80036S	L&S	240462	A805F-136	ROCKW	455330 <sup>2B</sup>	A805F-210	ROCKW	415379	A83004S	L&S	470954 <sup>2B</sup>
A80036S	TROS	240462	A-805-F-139	MERIX	450803	A-805-F-215	MERIX	450362	A83004S	TROS	350954
A80037S	L&S	240470	A805F-139	ROCKW	450803	A805F-215	ROCKW	450362	A83004S	TROS	470954 <sup>2B</sup>
A80037S	TROS	240470	A-805-F-141	MERIX	417171 <sup>2B</sup>	A-805-F-218	MERIX	412861	A83005S	L&S	340151
A80038S	L&S	6597S	A805F-141	ROCKW	417171 <sup>2B</sup>	A805F-218	ROCKW	412861	A83005S	TROS	340151
A80038S	TROS	6597S	A-805-F-143	MERIX	471820	A-805-F-220	MERIX	456105	A83010S	TROS	471643 <sup>2B</sup>
A80040S	L&S	240698	A805F-143	ROCKW	471820	A805F-220	ROCKW	456105	A83011S	L&S	340356
A80040S	TROS	240698	A-805-F-144	MERIX	410102	A-805-F-60	MERIX	417205 <sup>2B</sup>	A83011S	TROS	340356
A80041S	L&S	240716	A805F-144	ROCKW	410102	A805F-60	ROCKW	417205 <sup>2B</sup>	A83012S	TROS	350364
A80041S	TROS	240716	A-805-F-148	MERIX	472018	A-805-F-69	MERIX	472439	A83013S	L&S	340385
A80042S	L&S	240731	A805F-148	ROCKW	472018	A805F-69	ROCKW	472439	A83013S	TROS	340385
A80042S	TROS	240731	A-805-F-154	MERIX	417597	A-805-F-91	MERIX	415447	A83014S	L&S	351267
A80044S	L&S	240733	A805F-154	ROCKW	417597	A805F-91	ROCKW	415447	A83014S	L&S	471267 <sup>2B</sup>
A80044S	TROS	240733	A-805-F-156	MERIX	455480 <sup>2B</sup>	A8072	TIMKE	450765 <sup>2B</sup>	A83014S	TROS	351267
A80045S	L&S	240735	A805F-156	ROCKW	455480 <sup>2B</sup>	A81012	TROS	410085	A83014S	TROS	471267 <sup>2B</sup>
A80045S	TROS	240735	A-805-F-161	MERIX	415938	A81012	TROS	470530 <sup>2B</sup>	A83015S	L&S	340400
A80046S	L&S	240736	A805F-161	ROCKW	415938	A81019	L&S	415836	A83015S	TROS	340400
A80046S	TROS	240736	A-805-F-165	MERIX	470565 <sup>2B</sup>	A81019	L&S	415995 <sup>2B</sup>	A83016S	L&S	340413
A80049S	L&S	240816	A805F-165	ROCKW	470565 <sup>2B</sup>	A81019	TROS	415836	A83016S	TROS	340413
A80049S	TROS	240816	A-805-F-167	MERIX	415371	A81019	TROS	415995 <sup>2B</sup>	A83018S	TROS	340469
A80050S	TROS	240949	A805F-167	ROCKW	415371	A81021	TROS	417211 <sup>2B</sup>	A83020S	L&S	340495
A80052S	TROS	471076	A-805-F-169	MERIX	455186	A81022	TROS	415437	A83020S	TROS	340495
A800X-1190ADA	FORD	224235	A805F-169	ROCKW	455186	A81023	L&S	412473 <sup>2B</sup>	A83022S	TROS	340724 <sup>2B</sup>
A-805-F-104	MERIX	472439	A-805-F-173	MERIX	450489	A81023	L&S	415894	A83023S	TROS	340771
A805F-104	ROCKW	472439	A-805-F-173	MERIX	473244	A81023	TROS	412473 <sup>2B</sup>	A83024S	L&S	340787
A-805-F-108	MERIX	410308 <sup>2B</sup>	A805F-173	ROCKW	450489	A81023	TROS	415894	A83024S	TROS	340787
A-805-F-108	MERIX	450308	A805F-173	ROCKW	473244	A81044	L&S	473448	A83025S	L&S	340797
A805F-108	ROCKW	410308 <sup>2B</sup>	A-805-F-174	MERIX	415854	A81044	TROS	473448	A83025S	TROS	340797
A805F-108	ROCKW	450308	A805F-174	ROCKW	415854	A81045	L&S	471652	A83026S	L&S	340815
A-805-F-110	MERIX	410825	A-805-F-179	MERIX	415090	A81045	TROS	471652	A83026S	TROS	340815
A805F-110	ROCKW	410825	A805F-179	ROCKW	415090	A81051	L&S	291295	A83027S	L&S	340817
A-805-F-111	MERIX	410085	A-805-F-183	MERIX	417602 <sup>2B</sup>	A81054	L&S	291295	A83027S	TROS	340817
A-805-F-111	MERIX	470530 <sup>2B</sup>	A805F-183	ROCKW	417602 <sup>2B</sup>	A81054	TROS	291295	A83028S	L&S	340823
A805F-111	ROCKW	410085	A-805-F-187	MERIX	417570	A81066	TROS	8976S	A83028S	TROS	340823
A805F-111	ROCKW	470530 <sup>2B</sup>	A805F-187	ROCKW	417570	A81066S	L&S	8976S	A83029S	L&S	340835
A-805-F-118	MERIX	473238 <sup>2B</sup>	A-805-F-190	MERIX	412871 <sup>2B</sup>	A81067	L&S	370018A	A83029S	TROS	340835
A805F-118	ROCKW	473238 <sup>2B</sup>	A-805-F-190	MERIX	450329	A81067	TROS	370018A	A83030S	L&S	340853
A-805-F-120	MERIX	410737 <sup>2B</sup>	A805F-190	ROCKW	412871 <sup>2B</sup>	A81068	L&S	476470	A83030S	TROS	340853
A-805-F-120	MERIX	450737	A805F-190	ROCKW	450329	A81100S	TROS	471267 <sup>2B</sup>	A83031S	TROS	340872
A805F-120	ROCKW	410737 <sup>2B</sup>	A-805-F-191	MERIX	450867	A81101P	L&S	331107N	A83033S	L&S	340900
A805F-120	ROCKW	450737	A-805-F-191	MERIX	470898	A81101S	TROS	331107N	A83033S	TROS	340900
A-805-F-121	MERIX	472924 <sup>2B</sup>	A805F-191	ROCKW	450867	A81102S	L&S	473231 <sup>2B</sup>	A83034S	TROS	340927
A805F-121	ROCKW	472924 <sup>2B</sup>	A805F-191	ROCKW	470898	A81102S	TROS	473231 <sup>2B</sup>	A83035S	L&S	340930
A-805-F-124	MERIX	450389	A-805-F-192	MERIX	472299	A81104R	L&S	331227H	A83035S	TROS	340930
A-805-F-124	MERIX	472492 <sup>2B</sup>	A805F-192	ROCKW	472299	A81104R	TROS	331227H	A83037S	TROS	341022
A805F-124	ROCKW	450389	A-805-F-193	MERIX	470764 <sup>2B</sup>	A81105S	TROS	331228H	A83039S	TROS	345035
A805F-124	ROCKW	472492 <sup>2B</sup>	A805F193	ROCKW	470764 <sup>2B</sup>	A81106	L&S	331301N	A83040S	L&S	345146
A-805-F-125	MERIX	450519	A-805-F-194	MERIX	455476	A81106S	L&S	331301N	A83040S	TROS	345146
A-805-F-125	MERIX	471271 <sup>2B</sup>	A805F-194	ROCKW	455476	A82139	BENDI	415027 <sup>2B</sup>	A83041	TMTR	482253
A805F-125	ROCKW	450519	A-805-F-195	MERIX	470565 <sup>2B</sup>	A82139	BENDI	455027	A83161	TMTR	416130 <sup>2B</sup>
A805F-125	ROCKW	471271 <sup>2B</sup>	A805F-195	ROCKW	470565 <sup>2B</sup>	A82170	C-W	472924 <sup>2B</sup>	A83173	TMTR	416270
A-805-F-126	MERIX	417600	A-805-F-199	MERIX	450090	A82170	STUDE	472924 <sup>2B</sup>	A84001S	TROS	471413 <sup>2B</sup>
A805F-126	ROCKW	417600	A805F-199	ROCKW	450090	A8225	CASE	471646 <sup>2B</sup>	A84004S	L&S	350156
A-805-F-132	MERIX	471689 <sup>2B</sup>	A-805-F-201	MERIX	455251H	A828	FMC	340385	A84004S	L&S	473096
A805F132	ROCKW	471689 <sup>2B</sup>	A805F-201	ROCKW	455251H	A83000S	TROS	340009S	A84004S	TROS	350156
A-805-F-134	MERIX	340853	A-805-F-205	MERIX	417555 <sup>2B</sup>	A83002S	L&S	340136	A84004S	TROS	473096
A805F-134	ROCKW	340853	A805F-205	ROCKW	417555 <sup>2B</sup>	A83002S	TROS	340120	A84005S	L&S	471443
A-805-F-135	MERIX	470764 <sup>2B</sup>	A-805-F-208	MERIX	415447	A83003S	L&S	340136	A84005S	L&S	481443 <sup>2B</sup>
A805F135	ROCKW	470764 <sup>2B</sup>	A805F-208	ROCKW	415447	A83003S	TROS	340136	A84005S	TROS	471443

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A84005S	TROS	<b>481443<sup>28</sup></b>	A85010S	TROS	<b>417357</b>	A86210S	L&S	<b>5123</b>	A86318S	L&S	<b>5121</b>
A84006S	L&S	<b>471646<sup>28</sup></b>	A85011P	L&S	<b>415983N<sup>28</sup></b>	A86210S	TROS	<b>5123</b>	A86320	L&S	<b>410308<sup>28</sup></b>
A84006S	TROS	<b>471646<sup>28</sup></b>	A85011P	TROS	<b>415983N<sup>28</sup></b>	A86211S	L&S	<b>5109</b>	A86320	TROS	<b>410308<sup>28</sup></b>
A84007S	TROS	<b>471689<sup>28</sup></b>	A85012S	TROS	<b>442109</b>	A86211S	TROS	<b>5109</b>	A86321	TROS	<b>416273</b>
A84008S	L&S	<b>481163<sup>28</sup></b>	A85015S	L&S	<b>203006<sup>28</sup></b>	A86215K	TROS	<b>5092</b>	A86323	TROS	<b>417487</b>
A84008S	TROS	<b>481163<sup>28</sup></b>	A85015S	TROS	<b>203006<sup>28</sup></b>	A86216K	L&S	<b>5111S</b>	A86323	TROS	<b>455086</b>
A84009S	TROS	<b>8773S</b>	A85016S	L&S	<b>441130</b>	A86216K	TROS	<b>5111S</b>	A86325K	L&S	<b>5117</b>
A84011S	L&S	<b>350364</b>	A85017S	L&S	<b>441319</b>	A86219K	L&S	<b>5108</b>	A86325K	TROS	<b>5117</b>
A84011S	TROS	<b>350364</b>	A85017S	TROS	<b>441319</b>	A86219K	TROS	<b>5095</b>	A86328S	L&S	<b>3087</b>
A84013S	L&S	<b>330385<sup>28</sup></b>	A85019S	TROS	<b>410312N</b>	A86220K	L&S	<b>5116</b>	A86330S	L&S	<b>5113</b>
A84013S	TROS	<b>330385<sup>28</sup></b>	A85024S	L&S	<b>451143</b>	A86220K	TROS	<b>5116</b>	A86331S	L&S	<b>2655</b>
A84014S	L&S	<b>350394</b>	A85024S	TROS	<b>451143</b>	A86225S	L&S	<b>2146</b>	A86332R	L&S	<b>2658V</b>
A84014S	L&S	<b>473227</b>	A85025R	TROS	<b>451147H</b>	A86225S	TROS	<b>2146</b>	A86333S	L&S	<b>1217</b>
A84014S	TROS	<b>350394</b>	A85036S	TROS	<b>471341<sup>28</sup></b>	A86227S	TROS	<b>9449</b>	A86334S	L&S	<b>3199</b>
A84014S	TROS	<b>473227</b>	A85037S	L&S	<b>8160S</b>	A86230K	L&S	<b>5072</b>	A86335S	L&S	<b>3214</b>
A84016S	TROS	<b>350414</b>	A85037S	TROS	<b>8160S</b>	A86230K	TROS	<b>5072</b>	A86337S	L&S	<b>2955</b>
A84016S	TROS	<b>472311<sup>28</sup></b>	A85042P	L&S	<b>470331N</b>	A86232S	L&S	<b>9487</b>	A86339S	L&S	<b>3195</b>
A84019S	TROS	<b>470543</b>	A85042P	TROS	<b>470331N</b>	A86232S	TROS	<b>9487</b>	A86355S	TROS	<b>471689<sup>28</sup></b>
A84019S	TROS	<b>474272</b>	A85047S	L&S	<b>471195<sup>28</sup></b>	A86233P	TROS	<b>8460N</b>	A86358P	TROS	<b>473010N</b>
A84020S	L&S	<b>350567</b>	A85047S	L&S	<b>481195</b>	A86237S	TROS	<b>2146</b>	A864	WILYS	<b>40566S</b>
A84020S	L&S	<b>471267<sup>28</sup></b>	A85047S	TROS	<b>471195<sup>28</sup></b>	A86255S	L&S	<b>4250</b>	A86423S	TROS	<b>471442<sup>28</sup></b>
A84020S	TROS	<b>350567</b>	A85047S	TROS	<b>481195</b>	A86255S	TROS	<b>4250</b>	A86424	TROS	<b>471442<sup>28</sup></b>
A84020S	TROS	<b>471267<sup>28</sup></b>	A85051P	L&S	<b>475368N</b>	A86256S	L&S	<b>9864S</b>	A86426S	TROS	<b>471526<sup>28</sup></b>
A84021S	L&S	<b>350823</b>	A85061S	L&S	<b>470712<sup>28</sup></b>	A86256S	TROS	<b>9864S</b>	A86429S	TROS	<b>471526<sup>28</sup></b>
A84021S	L&S	<b>473454</b>	A85072S	TROS	<b>472258<sup>28</sup></b>	A86257K	L&S	<b>370047A</b>	A86430S	TROS	<b>471526<sup>28</sup></b>
A84021S	TROS	<b>350823</b>	A85073S	L&S	<b>471827<sup>28</sup></b>	A86258S	L&S	<b>410085</b>	A86431	TROS	<b>471526<sup>28</sup></b>
A84021S	TROS	<b>473454</b>	A85080R	L&S	<b>2218</b>	A86258S	L&S	<b>470530<sup>28</sup></b>	A86440S	TROS	<b>471530</b>
A84022S	TROS	<b>473424<sup>28</sup></b>	A85080R	TROS	<b>2218</b>	A86283S	L&S	<b>415001<sup>28</sup></b>	A86447S	TROS	<b>472705<sup>28</sup></b>
A84023S	L&S	<b>471765<sup>28</sup></b>	A86022	L&S	<b>5M81</b>	A86284S	L&S	<b>415009</b>	A86449S	TROS	<b>471281<sup>28</sup></b>
A84023S	TROS	<b>471765<sup>28</sup></b>	A86022	TROS	<b>5M81</b>	A86284S	L&S	<b>415960<sup>28</sup></b>	A86464S	TROS	<b>471466<sup>28</sup></b>
A84024S	L&S	<b>350909</b>	A86029	L&S	<b>5M89</b>	A86285P	L&S	<b>415013N</b>	A86466S	TROS	<b>471466<sup>28</sup></b>
A84024S	L&S	<b>471224<sup>28</sup></b>	A86029	TROS	<b>5M89</b>	A86285P	L&S	<b>415995V</b>	A86468S	TROS	<b>351466</b>
A84024S	TROS	<b>350909</b>	A86072	L&S	<b>5M289</b>	A86285S	L&S	<b>415013N</b>	A86468S	TROS	<b>471466<sup>28</sup></b>
A84024S	TROS	<b>471224<sup>28</sup></b>	A86072	TROS	<b>5M289</b>	A86285S	L&S	<b>415995V</b>	A86470	TROS	<b>471466<sup>28</sup></b>
A84025S	L&S	<b>473241</b>	A86073	L&S	<b>5M293</b>	A86285S	TROS	<b>415836</b>	A86471S	TROS	<b>471466<sup>28</sup></b>
A84025S	TROS	<b>473241</b>	A86073	TROS	<b>5M293</b>	A86285S	TROS	<b>415995<sup>28</sup></b>	A86473S	TROS	<b>471264<sup>28</sup></b>
A84026S	L&S	<b>350936</b>	A86090	TROS	<b>370002A</b>	A86286S	L&S	<b>415146<sup>28</sup></b>	A86475S	TROS	<b>471264<sup>28</sup></b>
A84026S	TROS	<b>350936</b>	A86098	L&S	<b>5M403</b>	A86286S	L&S	<b>415991</b>	A86477S	TROS	<b>471255<sup>28</sup></b>
A84028A	TROS	<b>350974<sup>28</sup></b>	A86098	TROS	<b>5M403</b>	A86287P	L&S	<b>415272N</b>	A86479S	TROS	<b>471564</b>
A84028S	L&S	<b>350974<sup>28</sup></b>	A86120	L&S	<b>5M466</b>	A86287S	L&S	<b>415272N</b>	A86484S	TROS	<b>481528</b>
A84030S	TROS	<b>351028</b>	A86120	TROS	<b>5M466</b>	A86287S	TROS	<b>416706<sup>28</sup></b>	A86486S	TROS	<b>481397</b>
A84033S	L&S	<b>415082</b>	A86135	TROS	<b>370002A</b>	A86289S	TROS	<b>472397<sup>28</sup></b>	A86487S	TROS	<b>481397</b>
A84033S	TROS	<b>415082</b>	A86144	TROS	<b>5M643</b>	A86290S	TROS	<b>470605<sup>28</sup></b>	A86495S	TROS	<b>471538<sup>28</sup></b>
A84034S	TROS	<b>416271<sup>28</sup></b>	A86177	L&S	<b>5MR71</b>	A86291S	TROS	<b>471344</b>	A86497S	TROS	<b>471538<sup>28</sup></b>
A84035S	TROS	<b>416888<sup>28</sup></b>	A86177	TROS	<b>5MR71</b>	A86293S	TROS	<b>471763</b>	A86500S	TROS	<b>471553<sup>28</sup></b>
A84036S	TROS	<b>417350<sup>28</sup></b>	A86178	L&S	<b>5MR1008</b>	A86297S	TROS	<b>416273</b>	A86501S	TROS	<b>471553<sup>28</sup></b>
A84036S	TROS	<b>455479</b>	A86178	TROS	<b>5MR1008</b>	A86303S	L&S	<b>2689S</b>	A86514S	TROS	<b>470954<sup>28</sup></b>
A84038S	L&S	<b>355732</b>	A86179	L&S	<b>5MR1009</b>	A86303S	TROS	<b>2689S</b>	A86517S	TROS	<b>470954<sup>28</sup></b>
A84038S	TROS	<b>355732</b>	A86179	TROS	<b>5MR1009</b>	A86307K	L&S	<b>5095</b>	A86523S	TROS	<b>471554<sup>28</sup></b>
A84040S	L&S	<b>327303<sup>28</sup></b>	A86184	L&S	<b>5MR1300</b>	A86308	L&S	<b>471466<sup>28</sup></b>	A86530S	TROS	<b>471567<sup>28</sup></b>
A84040S	TROS	<b>327303<sup>28</sup></b>	A86184	TROS	<b>5MR1300</b>	A86310	L&S	<b>471646<sup>28</sup></b>	A86532S	TROS	<b>471567<sup>28</sup></b>
A84058S	L&S	<b>412119<sup>28</sup></b>	A86203S	L&S	<b>6936S</b>	A86310	TROS	<b>471646<sup>28</sup></b>	A86540S	TROS	<b>471643<sup>28</sup></b>
A84058S	L&S	<b>472856</b>	A86203S	TROS	<b>9845</b>	A86312	TROS	<b>471413<sup>28</sup></b>	A86541	TROS	<b>471643<sup>28</sup></b>
A84833	CATER	<b>J1128</b>	A86204S	L&S	<b>9406S</b>	A86313	TROS	<b>471413<sup>28</sup></b>	A86554	TROS	<b>481443<sup>28</sup></b>
A84833	TMTR	<b>J1128</b>	A86206S	TROS	<b>9487</b>	A86314	TROS	<b>5131</b>	A86555S	TROS	<b>481443<sup>28</sup></b>
A85001S	TROS	<b>470898</b>	A86207P	L&S	<b>3604</b>	A86315	L&S	<b>5115</b>	A86562	TROS	<b>481644</b>
A85004S	TROS	<b>415003</b>	A86207S	TROS	<b>3604</b>	A86315	TROS	<b>470625<sup>28</sup></b>	A86564S	TROS	<b>481644</b>
A85004S	TROS	<b>415458<sup>28</sup></b>	A86208S	L&S	<b>9363S</b>	A86317	TROS	<b>350936</b>	A86573S	TROS	<b>471539<sup>28</sup></b>
A85005S	TROS	<b>417344<sup>28</sup></b>	A86209S	L&S	<b>9912</b>	A86317S	L&S	<b>350936</b>	A86575S	TROS	<b>471539<sup>28</sup></b>
A85007S	TROS	<b>415027</b>	A86209S	TROS	<b>9912</b>	A86318	TROS	<b>5121</b>	A86579S	TROS	<b>471231<sup>28</sup></b>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
A86581	TROS	471231 <sup>2B</sup>	A86875S	TROS	472299	A87224	TROS	417191	A95123	AM CA	455147
A86584	TROS	471686	A86888S	TROS	481181 <sup>2B</sup>	A87224	TROS	455165 <sup>2B</sup>	A95155	AM CA	417073
A86597S	TROS	471267 <sup>2B</sup>	A86888S	TROS	481181N	A87225S	TROS	416327	A95161	AM CA	473227
A86598S	TROS	471267 <sup>2B</sup>	A86914S	TROS	473234 <sup>2B</sup>	A87232S	TROS	415991 <sup>2B</sup>	A95166	AM CA	471868
A86605	TROS	471570 <sup>2B</sup>	A86928S	TROS	340400	A87232S	TROS	415991N	A95169	AM CA	417344 <sup>2B</sup>
A86606S	TROS	470680	A86931	TROS	450400	A87233S	TROS	415991 <sup>2B</sup>	A95169	AM CA	455006
A86606S	TROS	471570 <sup>2B</sup>	A86956	TROS	450183	A87233S	TROS	415991N	A95213	AM CA	415984 <sup>2B</sup>
A86607S	TROS	471570 <sup>2B</sup>	A86956	TROS	472179	A87235	TROS	55028	A95215	AM CA	450082
A86614S	TROS	471633 <sup>2B</sup>	A86962S	TROS	450291	A87242	TROS	416919N	A95215	AM CA	473238
A86616	TROS	471646 <sup>2B</sup>	A86962S	TROS	471141 <sup>2B</sup>	A87245	TROS	416339	A95296	AM CA	471705 <sup>2B</sup>
A86624	TROS	471571	A86973S	TROS	473451 <sup>2B</sup>	A87245	TROS	455031 <sup>2B</sup>	A95300	AM CA	416654 <sup>2B</sup>
A86626	TROS	472324 <sup>2B</sup>	A87011	TROS	450094	A87246S	TROS	416345 <sup>2B</sup>	A95300	AM CA	455012
A86627	TROS	472324 <sup>2B</sup>	A87011	TROS	473462	A87246S	TROS	455033	A95301	AM CA	472560N <sup>2B</sup>
A86628	TROS	472324 <sup>2B</sup>	A87012	TROS	450965	A87249	TROS	45187S	A95301	AM CA	50151S
A86629	TROS	472324 <sup>2B</sup>	A87014	TROS	417474	A87253S	TROS	471472 <sup>2B</sup>	A958	WILYS	450185
A86643	TROS	471224 <sup>2B</sup>	A87025S	TROS	6703S	A87256S	TROS	455194	A958	WILYS	473229
A86644S	TROS	471224 <sup>2B</sup>	A87027	TROS	472082	A87259	TROS	455195	A9733051	KELSE	45031S
A86645S	TROS	471224 <sup>2B</sup>	A87028	TROS	450083	A87259	TROS	472157 <sup>2B</sup>	A974	WILYS	471466 <sup>2B</sup>
A86647S	TROS	471224 <sup>2B</sup>	A87028	TROS	472924 <sup>2B</sup>	A87265S	TROS	6597S	A9AZ7288A	FORD	340797
A86650S	TROS	471224 <sup>2B</sup>	A87030S	TROS	472397 <sup>2B</sup>	A87267	TROS	416888 <sup>2B</sup>	A9LY7052A	FORD	7300S
A86652	TROS	471224 <sup>2B</sup>	A87031	TROS	40301S	A87275	TROS	415725 <sup>2B</sup>	A9LY7052B	FORD	473235 <sup>2B</sup>
A86654S	TROS	471270 <sup>2B</sup>	A87038	TROS	473464	A87277S	TROS	416865 <sup>2B</sup>	AA0462E	NOK	471549
A86657S	TROS	471649 <sup>2B</sup>	A87051	TROS	5756	A87292	TROS	240319	AA0462E0	NOK	471549 <sup>2B,29</sup>
A86659	TROS	471649 <sup>2B</sup>	A87054	TROS	41013S	A87293S	TROS	350954	AA10570	JOHND	45013S
A86660S	TROS	471649 <sup>2B</sup>	A87064	TROS	470308N	A87293S	TROS	470954 <sup>2B</sup>	AA1175A	FORD	415960 <sup>2B</sup>
A86670S	TROS	471733	A87071	TROS	473471	A87294S	TROS	471643 <sup>2B</sup>	AA1175A	FORD	455009
A86674S	TROS	471744 <sup>2B</sup>	A87076S	TROS	341022	A87295S	TROS	471643 <sup>2B</sup>	AA1175AR	FORD	455008
A86676S	TROS	471760	A87084S	TROS	471272 <sup>2B</sup>	A87300S	TROS	40395	AA1430E	NOK	471649 <sup>2B</sup>
A86677S	TROS	471760	A87087S	TROS	471341 <sup>2B</sup>	A87300S	TROS	40395S	AA1443B	OLIVE	417356 <sup>2B</sup>
A86689	TROS	480210 <sup>2B</sup>	A87094	TROS	411253 <sup>2B</sup>	A87301S	TROS	352354	AA1443B	OLIVE	455188
A86705S	TROS	471652	A87094	TROS	450099	A87301S	TROS	472354 <sup>2B</sup>	AA1443C	OLIVE	455195
A86706S	TROS	471652	A87098S	TROS	442874	A87303S	TROS	471827 <sup>2B</sup>	AA1443C	OLIVE	472157 <sup>2B</sup>
A86710S	TROS	471692 <sup>2B</sup>	A87114S	TROS	40101S	A87313S	TROS	340853	AA1443E	NOK	471733
A86712	TROS	471692 <sup>2B</sup>	A87128S	TROS	40337S	A87339S	TROS	340151	AA1443E0	NOK	471733
A86717S	TROS	471763	A87131S	TROS	472029	A87367S	TROS	472705 <sup>2B</sup>	AA15M200	CONTI	343185
A86718	TROS	472681	A87138S	TROS	470605 <sup>2B</sup>	A87369S	TROS	7188S	AA15M201	CONTI	471267 <sup>2B</sup>
A86718	TROS	473259	A87139S	TROS	415449 <sup>2B</sup>	A87372S	TROS	350954	AA15M202	CONTI	343185
A86725S	TROS	470328	A87139S	TROS	455147	A87372S	TROS	470954 <sup>2B</sup>	AA1841F	NOK	410163
A86725S	TROS	481213 <sup>2B</sup>	A87142	TROS	415001 <sup>2B</sup>	A87373S	TROS	470954 <sup>2B</sup>	AA1841F	NOK	471766
A86728S	TROS	472475	A87142	TROS	455001	A87373S	TROS	6835S	AA1841F0	NOK	410163
A86741S	TROS	471413 <sup>2B</sup>	A87146	TROS	416273 <sup>2B</sup>	A87918	TMTR	470712 <sup>2B</sup>	AA1841F0	NOK	471766 <sup>2B,29</sup>
A86743S	TROS	471737	A87156S	TROS	451143	A8926	CASE	415988	AA1999E	NOK	472354 <sup>2B</sup>
A86747S	TROS	471750 <sup>2B</sup>	A87159	TROS	413248	A8926X	CASE	415988	AA1999E	NOK	50395S
A86749S	TROS	200338	A87161	TROS	417079	A89569	US-EL	470064	AA2085F	NOK	223540
A86750S	TROS	471766 <sup>2B</sup>	A87164	TROS	415458 <sup>2B</sup>	A89569	US-EL	471821 <sup>2B</sup>	AA2162E	NOK	36X50X7
A86760S	TROS	471787 <sup>2B</sup>	A87164	TROS	455003	A89570	US-EL	473179 <sup>2B</sup>	AA2162E0	NOK	36X50X7 <sup>2B</sup>
A86774S	TROS	473210	A87189S	TROS	475012N	A8Q7274A	FORD	471231 <sup>2B</sup>	AA2276E	NOK	473227
A86776	TROS	473210	A87190S	TROS	475012N	A8TZ1175A	FORD	410987 <sup>2B</sup>	AA2276E0	NOK	473227 <sup>2B</sup>
A86790S	TROS	352354	A87205	TROS	416404 <sup>2B</sup>	A8TZ1175B	FORD	410987 <sup>2B</sup>	AA2291E	NOK	471344
A86790S	TROS	472354 <sup>2B</sup>	A87207	TROS	370046A	A8TZ1175B	FORD	470987	AA2291E0	NOK	471344
A86795	TROS	472258 <sup>2B</sup>	A87214	TROS	476470	A90830	CATER	470712 <sup>2B</sup>	AA2293E	NOK	473228
A86797S	TROS	470380 <sup>2B</sup>	A87217	TROS	418028	A90830	TMTR	470712 <sup>2B</sup>	AA2293E0	NOK	473228 <sup>2B</sup>
A86799S	TROS	471192	A87217	TROS	455137 <sup>2B</sup>	A912542	FALKC	413247 <sup>2B</sup>	AA2296R	JOHND	472287 <sup>2B</sup>
A86803S	TROS	471192	A87218S	TROS	418028	A912542	FALKC	450350	AA2342Y	NOK	224052
A86819	TROS	450444	A87218S	TROS	455137 <sup>2B</sup>	A91615	TMTR	471737	AA2342Y0	NOK	224052
A86819	TROS	471835 <sup>2B</sup>	A87219	TROS	418028	A92842	OLIVE	417316 <sup>2B</sup>	AA2464E	NOK	471419
A86850	TROS	470358	A87219	TROS	455137 <sup>2B</sup>	A9288	BUTBN	40337S	AA2464E	NOK	473367
A86850	TROS	473231	A87220	TROS	416292	A95018	AM CA	450070	AA2464E0	NOK	471419
A86865	TROS	291099	A87221	TROS	415085 <sup>2B</sup>	A95018	AM CA	472185 <sup>2B</sup>	AA2464E0	NOK	473367 <sup>2B,29</sup>
A86866	TROS	470487N	A87221	TROS	456648	A95123	AM CA	415449 <sup>2B</sup>	AA2580E	NOK	473237

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AA2580E0	NOK	473237 <sup>28</sup>	AA3665F	NOK	415836	AA7305E0	NOK	412028	AA8006E	NOK	470189
AA2593E	NOK	450361	AA3665F	NOK	415995	AA7323E	NOK	470950	AA8006E	NOK	471692
AA2593E	NOK	472193	AA3665F0	NOK	415836	AA7323E0	NOK	470950 <sup>28</sup>	AA8006E0	NOK	470189
AA2593E0	NOK	450361	AA3665F0	NOK	415995 <sup>28,29</sup>	AA7325E	NOK	40389S	AA8006E0	NOK	471692 <sup>28,29</sup>
AA2593E0	NOK	472193 <sup>28,29</sup>	AA3665FA	NOK	415995 <sup>28</sup>	AA7325E0	NOK	40389S	AA8007E	NOK	473215
AA2599E	NOK	472179	AA3665FA	NOK	455013	AA7326E	NOK	321516	AA8007E0	NOK	473215
AA2599E0	NOK	472179	AA3738R	JOHND	470027	AA7326E	NOK	471516	AA8007F	NOK	473215
AA2773E	NOK	224820	AA3738R	JOHND	471554 <sup>28</sup>	AA7326E0	NOK	321516	AA8007F0	NOK	473215 <sup>28</sup>
AA2773E0	NOK	224820	AA3796E	NOK	476470	AA7326E0	NOK	471516 <sup>28</sup>	AA8012E	NOK	410496
AA2773Y0	NOK	224820	AA3796E0	NOK	476470	AA7373E	NOK	473458	AA8012E0	NOK	410496 <sup>28</sup>
AA2847-Y0	NOK	225020	AA4085F	NOK	710278	AA7373E0	NOK	473458 <sup>28</sup>	AA8019E	NOK	410102
AA2847-Y0	NOK	50X68X8 <sup>28</sup>	AA4085-F0	NOK	710278	AA7411E	NOK	456105	AA8019E0	NOK	410102
AA2928E	NOK	410085N	AA4183E	NOK	416891	AA7411E0	NOK	456105	AA8020E	NOK	413246
AA2928E0	NOK	410085N	AA4183E0	NOK	416891 <sup>28</sup>	AA7412E	NOK	476470	AA8020E	NOK	413246N
AA2929E	NOK	450085	AA4245AR	FORD	450066	AA7412E0	NOK	476470	AA8020E0	NOK	413246 <sup>28</sup>
AA2929E	NOK	470530 <sup>28</sup>	AA4245AR	FORD	473367 <sup>28</sup>	AA7594E	NOK	410316	AA8020E0	NOK	413246N
AA2934E	NOK	472397	AA4432E1	NOK	417541	AA7594E	NOK	472636	AA8022E	NOK	474255
AA2934E0	NOK	472397 <sup>28</sup>	AA4525F	NOK	416107 <sup>28</sup>	AA7594E0	NOK	410316	AA8022E0	NOK	474255
AA2942E	NOK	410102	AA4686	FORD	471750 <sup>28</sup>	AA7594E0	NOK	472636 <sup>28,29</sup>	AA8056E	NOK	453165
AA2942E0	NOK	410102	AA4700	FORD	470077	AA7600E	NOK	471870	AA8056E	NOK	471619
AA2990F	NOK	340900	AA4700	FORD	474281 <sup>28</sup>	AA7600E	NOK	471883	AA8056E0	NOK	453165
AA2990F0	NOK	340900	AA4700R	FORD	470077	AA7600E0	NOK	471870 <sup>28,29</sup>	AA8056E0	NOK	471619 <sup>28,29</sup>
AA2994F	NOK	470898	AA4700R	FORD	474281 <sup>28</sup>	AA7600E0	NOK	471883	AA8061E	NOK	412920
AA2994F0	NOK	470898	AA487R	JOHND	416282	AA7601E	NOK	473517	AA8061E0	NOK	412920 <sup>28</sup>
AA3001E	NOK	410308	AA502R	JOHND	455018	AA7601E0	NOK	473517 <sup>28</sup>	AA8072E	NOK	471567
AA3001E0	NOK	410308 <sup>28</sup>	AA502R	JOHND	476470	AA7602E	NOK	471192	AA8072E0	NOK	471567 <sup>28</sup>
AA3132E	NOK	411253	AA505	JOHND	455018	AA7602E0	NOK	471192	AA8098E	NOK	226285
AA3132E0	NOK	411253 <sup>28</sup>	AA505	JOHND	476470	AA7603E	NOK	450492	AA8098E	NOK	62X85X8
AA3132G	NOK	411253	AA506	JOHND	416282	AA7603E0	NOK	450492	AA8098E0	NOK	226285
AA3132G0	NOK	411253 <sup>28</sup>	AA510R	JOHND	417316 <sup>28</sup>	AA7624E	NOK	416404	AA8098E0	NOK	62X85X8 <sup>28</sup>
AA3257E	NOK	412119	AA510R	JOHND	455004	AA7624E0	NOK	416404 <sup>28</sup>	AA8222E	NOK	455006N
AA3257E0	NOK	412119 <sup>28</sup>	AA520	JOHND	417316 <sup>28</sup>	AA7626E	NOK	417159	AA8222E0	NOK	455006N
AA3262E	NOK	410686N	AA520	JOHND	455004	AA7626E0	NOK	417159	AA8223E	NOK	455858
AA3262E0	NOK	410686N	AA5247R	JOHND	472560N <sup>28</sup>	AA7652E	NOK	450083	AA8223E0	NOK	455858
AA3266E	NOK	415857	AA5247R	JOHND	50151S	AA7652E	NOK	472924	AA8360E	NOK	471692
AA3266E0	NOK	415857 <sup>28</sup>	AA5506R	JOHND	450519	AA7652E0	NOK	450083	AA8360E0	NOK	471692 <sup>28</sup>
AA3267F	NOK	410825	AA5506R	JOHND	471271 <sup>28</sup>	AA7652E0	NOK	472924 <sup>28,29</sup>	AA8376E	NOK	55337
AA3267F0	NOK	410825	AA5607R	JOHND	240731	AA7652F	NOK	450083	AA8376E0	NOK	55337
AA3333Z1	NOK	472029	AA5613	JOHND	471267 <sup>28</sup>	AA7652F	NOK	472924	AA8440E	NOK	482041N
AA3339E	NOK	450519	AA5613R	JOHND	471267 <sup>28</sup>	AA7652F0	NOK	450083	AA8440E0	NOK	482041N
AA3339E	NOK	471271	AA620A	GAL	416271 <sup>28</sup>	AA7652F0	NOK	472924 <sup>28,29</sup>	AA8511E	NOK	415960
AA3339E0	NOK	450519	AA620A	HOUGH	416271 <sup>28</sup>	AA7681E	NOK	450593	AA8511E0	NOK	415960
AA3339E0	NOK	471271 <sup>28</sup>	AA620A	OLIVE	416271 <sup>28</sup>	AA7681E0	NOK	450593 <sup>28</sup>	AA8524E	NOK	473258
AA3346E	NOK	415147N	AA6605R	JOHND	450867	AA7687E	NOK	417474	AA8524E0	NOK	473258 <sup>28</sup>
AA3346E0	NOK	415147N	AA6605R	JOHND	470898	AA7687E0	NOK	417474	AA8531E	NOK	415234
AA3349E	NOK	415449	AA6606R	JOHND	450519	AA7711E	NOK	471750	AA8531E0	NOK	415234 <sup>28</sup>
AA3349E0	NOK	415449 <sup>28</sup>	AA6606R	JOHND	471271 <sup>28</sup>	AA7711E0	NOK	471750 <sup>28</sup>	AA8586E	NOK	455251H
AA3357E	NOK	455079	AA6732Y0	NOK	1950	AA7723E	NOK	415254	AA8586E0	NOK	455251H
AA3357E0	NOK	455079 <sup>28</sup>	AA6922E	NOK	471733 <sup>29</sup>	AA7723E0	NOK	415254	AA8739E	NOK	471643
AA3439G	NOK	415458	AA7032F	NOK	470059	AA7820E	NOK	416271	AA8739E0	NOK	471643 <sup>28</sup>
AA3439G0	NOK	415458 <sup>28</sup>	AA7032F	NOK	470380	AA7820E0	NOK	416271 <sup>28</sup>	AA8765E	NOK	471419
AA3479E	NOK	416664 <sup>28</sup>	AA7032F0	NOK	470059	AA7853E	NOK	417357 <sup>28</sup>	AA8765E	NOK	473367
AA3479E	NOK	455364	AA7032F0	NOK	470380 <sup>28</sup>	AA7853E	NOK	455192 <sup>29</sup>	AA8765E0	NOK	471419
AA3487E	NOK	416282	AA7075E	NOK	470328	AA7865E	NOK	450621	AA8765E0	NOK	473367 <sup>28,29</sup>
AA3487E0	NOK	416282	AA7075E	NOK	481213	AA7865E0	NOK	450621	AA8768E	NOK	416154
AA3606	DIA	455189	AA7075E0	NOK	470328	AA7914E	NOK	416125	AA8768E0	NOK	416154 <sup>28</sup>
AA3654E	NOK	100495	AA7075E0	NOK	481213 <sup>28</sup>	AA7914E0	NOK	416125 <sup>28</sup>	AAA065A	NOK	710278
AA3654E	NOK	415281N	AA7304E	NOK	473214	AA7B237	CONTI	471267 <sup>28</sup>	AAA065-A0	NOK	710278
AA3654E0	NOK	100495	AA7304E0	NOK	473214 <sup>28</sup>	AA7C200	CONTI	481443 <sup>28</sup>	AAA397A0	NOK	62X85X8 <sup>28</sup>
AA3654E0	NOK	415281N	AA7305E	NOK	412028	AA7C204	CONTI	417267	AAA981	MG	473234 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AAL0088	LEYLD	370003A	AB0685E	NOK	221610	AB0913G	NOK	470954	AB1334F0	NOK	25X45X8
AAX29789	JOHND	471267 <sup>28</sup>	AB0685E0	NOK	221610	AB0913G	NOK	480954	AB1335F	NOK	25X45X8
AAX43052	JOHND	472287 <sup>28</sup>	AB0687E	NOK	16X30X7	AB0913G0	NOK	470954 <sup>28</sup>	AB1335F0	NOK	25X45X8
AAX82739	JOHND	470045	AB0687E0	NOK	16X30X7	AB0913G0	NOK	480954	AB1337F	NOK	25X45X8
AAX82739	JOHND	476938 <sup>28</sup>	AB0688E	NOK	16X30X7	AB0915F	NOK	6835S	AB1337F0	NOK	25X45X8
AAX87908	JOHND	40395	AB0688E0	NOK	16X30X7	AB0923F	NOK	471554	AB1338E	NOK	25X45X8
AAX87908	JOHND	40395S	AB0698E	NOK	16X35X7	AB0923F0	NOK	471554 <sup>28</sup>	AB1338E0	NOK	25X45X8
AAX90840	JOHND	472560N <sup>28</sup>	AB0698E0	NOK	16X35X7	AB0923H0	NOK	471554 <sup>28</sup>	AB1348E	NOK	25X47X7
AAX90840	JOHND	50151S	AB0712E	NOK	481073	AB0938E	NOK	471643	AB1348E0	NOK	25X47X7
AAX92035	JOHND	472070	AB0712E0	NOK	481073	AB0938E0	NOK	471643 <sup>28</sup>	AB1374E	NOK	25X52X7
AAX92755	JOHND	5872S	AB0721E	NOK	481481	AB0997E	NOK	222020	AB1374E	NOK	25X52X8
AAX92789	JOHND	471267 <sup>28</sup>	AB0721E0	NOK	481481	AB0997E0	NOK	222020	AB1374E0	NOK	25X52X7 <sup>28</sup>
AB0067E	NOK	350435	AB0722F	NOK	481481	AB1012E	NOK	222030	AB1377E	NOK	25X52X7
AB0067E0	NOK	350435	AB0722F0	NOK	481481	AB1012E0	NOK	222030	AB1377E	NOK	25X52X8
AB0205E	NOK	9X22X7	AB0736F	NOK	221710	AB1013E	NOK	222030	AB1377E0	NOK	25X52X7 <sup>28</sup>
AB0205E0	NOK	9X22X7	AB0736-F0	NOK	221710	AB1013E0	NOK	222030	AB13C200	CONTI	471267 <sup>28</sup>
AB0223E	NOK	330385	AB0742G	NOK	221720	AB1029E	NOK	222050	AB13C201	CONTI	471466 <sup>28</sup>
AB0223E0	NOK	330385 <sup>28</sup>	AB0742-G0	NOK	221720	AB1029E0	NOK	222050	AB13S204	CONTI	350364
AB0224G	NOK	330385	AB0745G	NOK	17X30X7	AB1030E	NOK	222050	AB1402E	NOK	252277
AB0224G0	NOK	330385 <sup>28</sup>	AB0745G0	NOK	17X30X7	AB1030E0	NOK	222050	AB1402E0	NOK	252277 <sup>29</sup>
AB0327E	NOK	6863S	AB0751E	NOK	221730	AB1126E	NOK	22X35X7	AB1403E	NOK	252277
AB0327E0	NOK	6863S <sup>28</sup>	AB0751E0	NOK	221730	AB1145E	NOK	22X42X10	AB1403E0	NOK	252277
AB0371E	NOK	12X22X7	AB0759E	NOK	17X35X7	AB1145E0	NOK	22X42X10	AB1403E1	NOK	252277
AB0371E0	NOK	12X22X7 <sup>28</sup>	AB0759E0	NOK	17X35X7	AB1148E	NOK	22X42X10	AB1408E	NOK	350414
AB0387E	NOK	12X28X7	AB0764E	NOK	450536	AB1148E0	NOK	22X42X10	AB1408E	NOK	472311
AB0387E0	NOK	12X28X7	AB0764E	NOK	471535	AB1172E	NOK	7840S	AB1408E0	NOK	350414
AB0450E	NOK	471442	AB0764-E0	NOK	450536	AB1172E0	NOK	7840S	AB1408E0	NOK	472311 <sup>28</sup>
AB0450E0	NOK	471442 <sup>28</sup>	AB0764-E0	NOK	471535	AB1172F	NOK	7840S	AB1410E2	NOK	471224V
AB0456F	NOK	471526	AB0771E1	NOK	17X40X7	AB1172F0	NOK	7840S	AB1410F	NOK	471224
AB0456F0	NOK	471526 <sup>28</sup>	AB0788E	NOK	450025	AB1181E	NOK	471267	AB1410F0	NOK	471224 <sup>28</sup>
AB0456G	NOK	471526	AB0788E	NOK	471553 <sup>28,29</sup>	AB1181E0	NOK	471267 <sup>28</sup>	AB1411E	NOK	470553
AB0456G0	NOK	471526 <sup>28</sup>	AB0788E1	NOK	450025	AB1181F	NOK	471267	AB1411E	NOK	471224
AB0462E	NOK	471549	AB0788E1	NOK	471553 <sup>28,29</sup>	AB1181F0	NOK	471267 <sup>28</sup>	AB1411E0	NOK	470553
AB0462E0	NOK	471549 <sup>28,29</sup>	AB0816E	NOK	221820	AB1182F	NOK	470567N	AB1411E0	NOK	471224 <sup>28</sup>
AB0478E	NOK	13X28X7	AB0816E0	NOK	221820	AB1182F0	NOK	470567N	AB1426E	NOK	471270
AB0478E	NOK	14X24X7 <sup>28</sup>	AB0817E	NOK	221820	AB1184G	NOK	350567	AB1426E0	NOK	471270 <sup>28</sup>
AB0478E0	NOK	13X28X7 <sup>28</sup>	AB0817E0	NOK	221820	AB1184G	NOK	471267	AB1427E	NOK	471270
AB0514E	NOK	221410	AB0829E	NOK	18X35X7	AB1184G0	NOK	350567	AB1427E0	NOK	471270 <sup>28</sup>
AB0514E0	NOK	221410	AB0829E0	NOK	18X35X7	AB1184G0	NOK	471267 <sup>28</sup>	AB1463E	NOK	26X38X5
AB0526E	NOK	14X30X7	AB0831E	NOK	18X35X7	AB1192E	NOK	471633	AB1463E0	NOK	26X38X5 <sup>28</sup>
AB0526E0	NOK	14X30X7	AB0831E0	NOK	18X35X7	AB1192E0	NOK	471633 <sup>28</sup>	AB1468E	NOK	471076
AB0545E	NOK	472705 <sup>28</sup>	AB0896E	NOK	254270	AB1194E	NOK	471646	AB1468E0	NOK	471076
AB0552F	NOK	472705 <sup>28</sup>	AB0896E	NOK	7750	AB1194E0	NOK	471646 <sup>28</sup>	AB1474F	NOK	26X42X10
AB0592E	NOK	15X28X7	AB0896E0	NOK	254270 <sup>28</sup>	AB1232E	NOK	471571	AB1474F0	NOK	26X42X10
AB0592E0	NOK	15X28X7	AB0896E0	NOK	7750	AB1232E0	NOK	471571	AB1486E	NOK	481650
AB0598E	NOK	221540	AB0898E	NOK	7750	AB1255E	NOK	24X38X7	AB1486E0	NOK	481650
AB0598E0	NOK	221540	AB0898E0	NOK	7750	AB1255E0	NOK	24X38X7	AB1518E	NOK	27X47X10
AB0604E	NOK	15X32X8	AB0909F	NOK	350954	AB1260E	NOK	24X40X7	AB1518E0	NOK	27X47X10
AB0604E0	NOK	15X32X8	AB0909F	NOK	470954 <sup>28</sup>	AB1260E0	NOK	24X40X7 <sup>28</sup>	AB1531E	NOK	28X38X7
AB0610E	NOK	15X35X7	AB0909F0	NOK	350954	AB1274E	NOK	471648	AB1531E0	NOK	28X38X7
AB0610E0	NOK	15X35X7	AB0909F0	NOK	470954 <sup>28</sup>	AB1274E0	NOK	471648	AB1532E1	NOK	28X38X7
AB0645F	NOK	471466	AB0909F1	NOK	470954V	AB1306E	NOK	222535	AB1538E	NOK	222820
AB0645F0	NOK	471466 <sup>28</sup>	AB0913E	NOK	470954	AB1306E0	NOK	222535	AB1538E	NOK	28X40X7
AB0654E	NOK	471264	AB0913E	NOK	480954	AB1307E	NOK	222535	AB1538E0	NOK	222820
AB0654E0	NOK	471264 <sup>28</sup>	AB0913E0	NOK	470954 <sup>28</sup>	AB1307E0	NOK	222535	AB1538E0	NOK	28X40X7 <sup>28</sup>
AB0654F	NOK	471264	AB0913E0	NOK	480954	AB1314F	NOK	222540	AB1598E	NOK	3638
AB0654F0	NOK	471264 <sup>28</sup>	AB0913F	NOK	470954 <sup>28</sup>	AB1314F0	NOK	222540	AB1598E	NOK	471652
AB0657E	NOK	471255	AB0913F	NOK	480954	AB1315E	NOK	222540	AB1598E0	NOK	3638
AB0657E0	NOK	471255 <sup>28</sup>	AB0913F0	NOK	470954 <sup>28</sup>	AB1315E0	NOK	222540	AB1598E0	NOK	471652
AB0678QE	NOK	16X26X7	AB0913F0	NOK	480954	AB1334F	NOK	25X45X8	AB1600G	NOK	471652

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AB1600G0	NOK	471652	AB1904E	NOK	1167	AB2375E	NOK	40X60X10	AB2651F0	NOK	1012N
AB1610E	NOK	476838 <sup>28</sup>	AB1904E0	NOK	1167	AB2375E0	NOK	224040	AB2652E	NOK	1012N
AB1610E0	NOK	476838 <sup>28</sup>	AB1978E	NOK	34X54X9	AB2375E0	NOK	40X60X10	AB2652E0	NOK	1012N
AB1617E	NOK	471763	AB1978E0	NOK	34X54X9	<sup>28</sup>			AB2753E	NOK	472439
AB1617E0	NOK	471763	AB1990E	NOK	482163 <sup>28</sup>	AB2379F	NOK	224020	AB2753E0	NOK	472439
AB1656E	NOK	30X40X7	AB1990E	NOK	482163N	AB2379F0	NOK	224020	AB2775G	NOK	710320
AB1656E0	NOK	30X40X7 <sup>28</sup>	AB1990-E0	NOK	482163 <sup>28</sup>	AB2386E	NOK	224045	AB2775-G0	NOK	710320
AB1673E	NOK	223012	AB2005E	NOK	472258	AB2386E	NOK	40X62X7	AB2788E	NOK	1994
AB1673-E0	NOK	223012	AB2005E0	NOK	472258 <sup>28</sup>	AB2386E	NOK	40X62X8 <sup>28</sup>	AB2788E0	NOK	1994
AB1679G	NOK	223014	AB2012F	NOK	482576N	AB2386E0	NOK	224045	AB2791E	NOK	1994
AB1679G0	NOK	223014 <sup>29</sup>	AB2012F0	NOK	482576N	AB2386E0	NOK	40X62X7	AB2791E0	NOK	1994
AB1682E	NOK	223014	AB2041F	NOK	223510	AB2388F	NOK	224045	AB2838E	NOK	225010
AB1682E0	NOK	223014 <sup>29</sup>	AB2041F	NOK	35X47X7	AB2388F0	NOK	224045	AB2838E	NOK	50X65X8
AB1704F	NOK	30X50X7	AB2041-F0	NOK	223510	AB2390H0	NOK	224045	AB2838E0	NOK	225010
AB1704F0	NOK	30X50X7	AB2041-F0	NOK	35X47X7 <sup>28</sup>	AB2405E	NOK	40X65X10	AB2838E0	NOK	50X65X8 <sup>28</sup>
AB1705F	NOK	30X50X7	AB2056E	NOK	223520	AB2405E0	NOK	40X65X10	AB2853	NOK	50X70X9
AB1705F0	NOK	30X50X7	AB2056E	NOK	35X50X8 <sup>28</sup>	AB2443Y0	NOK	41X56X7 <sup>28</sup>	AB2853E	NOK	1960
AB1706E	NOK	30X50X7	AB2056E0	NOK	223520 <sup>28</sup>	AB2459E	NOK	473231	AB2853E	NOK	50X70X8
AB1706E0	NOK	30X50X7	AB2057G	NOK	223520	AB2459E0	NOK	473231 <sup>28</sup>	AB2853E0	NOK	1960
AB1709G	NOK	30X50X7	AB2057G0	NOK	223520 <sup>28</sup>	AB2469E	NOK	474216	AB2853E0	NOK	50X70X8 <sup>28</sup>
AB1709G0	NOK	30X50X7	AB2066E	NOK	223535	AB2469E0	NOK	474216	AB2853F	NOK	710649
AB1724E	NOK	223035	AB2066E0	NOK	223535	AB2481Y	NOK	1180	AB2853-F0	NOK	710649
AB1724E0	NOK	223035	AB2069E	NOK	223535	AB2481Y	NOK	42X55X8 <sup>28</sup>	AB2861E	NOK	225030
AB1770F	NOK	472475	AB2069E0	NOK	223535	AB2481Y0	NOK	1180	AB2861E	NOK	50X72X8
AB1770F0	NOK	472475	AB2081E	NOK	35X55X11	AB2481Y0	NOK	41X55X7 <sup>28</sup>	AB2861E0	NOK	225030
AB1776F	NOK	470328	AB2081E	NOK	35X55X8 <sup>28</sup>	AB2483E	NOK	224210	AB2861E0	NOK	50X72X8 <sup>28</sup>
AB1776F	NOK	481213	AB2081E0	NOK	35X55X11	AB2483-E0	NOK	224210	AB2864G	NOK	225030
AB1776F0	NOK	470328 <sup>28</sup>	<sup>28</sup>			AB2493E	NOK	1953	AB2864G0	NOK	225030
AB1776F0	NOK	481213 <sup>29</sup>	AB2085F	NOK	223542	AB2493E	NOK	42X60X7	AB2888E	NOK	225050
AB1779E	NOK	471765	AB2085F0	NOK	223542	AB2493E0	NOK	1953	AB2888E0	NOK	225050
AB1779E0	NOK	471765 <sup>28</sup>	AB2162E	NOK	223605	AB2493E0	NOK	42X60X7 <sup>28</sup>	AB2913E	NOK	471424
AB178	JOHND	411253 <sup>28</sup>	AB2162E0	NOK	223605	AB2504E	NOK	224255	AB2913E0	NOK	471424 <sup>28</sup>
AB178	JOHND	450099	AB2164E	NOK	223605	AB2504E0	NOK	224255	AB2919E	NOK	472492
AB1783E	NOK	471354	AB2164E0	NOK	223605	AB2507E	NOK	224255	AB2919E0	NOK	472492 <sup>28</sup>
AB1783E0	NOK	471354 <sup>28</sup>	AB2231E	NOK	223830	AB2507E0	NOK	224255	AB2922F	NOK	450389
AB1815E	NOK	343186	AB2231-E0	NOK	223830	AB25252027	IH	472299	AB2922F	NOK	472492
AB1826E	NOK	471413	AB2239E	NOK	223840	AB2525203	IH	412871 <sup>28</sup>	AB2922F0	NOK	450389
AB1826E0	NOK	471413 <sup>28</sup>	AB2239E0	NOK	223840	AB2525203	IH	450329	AB2922F0	NOK	472492 <sup>28,29</sup>
AB1830E	NOK	471413 <sup>28</sup>	AB2240G	NOK	38X58X8	AB2525304	IH	410059	AB2931E	NOK	472397
AB1832F	NOK	471737	AB2240G0	NOK	38X58X8 <sup>28</sup>	AB2525304	IH	470380 <sup>28</sup>	AB2931E0	NOK	472397 <sup>28</sup>
AB1832F0	NOK	471737	AB2253720	IH	471466 <sup>28</sup>	AB2569E	NOK	474216	AB2934F	NOK	472397
AB1832F1	NOK	471737	AB2267E	NOK	474276	AB2569E0	NOK	474216	AB2934F0	NOK	472397 <sup>28</sup>
AB1838E	NOK	471766	AB2267E0	NOK	474276 <sup>28</sup>	AB2578	JOHND	476838 <sup>28</sup>	AB2955	NOK	1955
AB1838E0	NOK	471766 <sup>28</sup>	AB2278F	NOK	473227	AB2594E	NOK	470334	AB2955	NOK	52X65X9 <sup>28</sup>
AB1850E	NOK	471801 <sup>28</sup>	AB2281G	NOK	470548	AB2594E0	NOK	470334 <sup>28</sup>	AB2955H	NOK	1955
AB1850E1	NOK	471801 <sup>28</sup>	AB2281G	NOK	470625	AB2600E	NOK	471141	AB2955-H0	NOK	1955
AB1880E	NOK	223230	AB2281G0	NOK	470548	AB2600E0	NOK	471141 <sup>28</sup>	AB2955I	NOK	1955
AB1880-E0	NOK	223230	AB2281G0	NOK	470625 <sup>28,29</sup>	AB2614E	NOK	224520	AB2955-I0	NOK	1955
AB1884E	NOK	223235	AB2298E	NOK	470077	AB2614E	NOK	45X60X10	AB2994E	NOK	470898
AB1884E	NOK	32X46X6	AB2298E	NOK	474281 <sup>28,29</sup>	AB2614E0	NOK	224520	AB2994E0	NOK	470898
AB1884-E0	NOK	223235	AB2298E0	NOK	470077	AB2614E0	NOK	45X60X10	AB3036F	NOK	55X70X8
AB1884-E0	NOK	32X46X6 <sup>28</sup>	AB2298E0	NOK	474281 <sup>28,29</sup>	<sup>28</sup>			AB3036F0	NOK	55X70X8 <sup>28</sup>
AB1894E	NOK	223240	AB2343E	NOK	224010	AB2641E	NOK	45X60X7	AB3040G	NOK	225530
AB1894E	NOK	32X48X8	AB2343E	NOK	40X52X7	AB2641E0	NOK	45X60X7	AB3040G	NOK	55X72X8
AB1894E0	NOK	223240	AB2343-E0	NOK	224010	AB2643F	NOK	224520	AB3040G0	NOK	225530
AB1894E0	NOK	32X48X8 <sup>28</sup>	AB2343-E0	NOK	40X52X7 <sup>28</sup>	AB2643F	NOK	45X60X10	AB3040G0	NOK	55X72X8 <sup>28</sup>
AB1902E	NOK	223255	AB2361G	NOK	224020	AB2643F0	NOK	224520	AB3062E	NOK	55X80X8
AB1902E	NOK	32X52X7	AB2361G	NOK	40X55X8 <sup>28</sup>	AB2643F0	NOK	45X60X10	AB3062E0	NOK	55X80X8 <sup>28</sup>
AB1902E0	NOK	223255	AB2361G0	NOK	224020	<sup>28</sup>			AB3135E	NOK	412920
AB1902E0	NOK	32X52X7 <sup>28</sup>	AB2375E	NOK	224040	AB2651F	NOK	1012N	AB3135E0	NOK	412920 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AB3148E	NOK	225875	AB3705E0	NOK	417621 <sup>28,29</sup>	AB4346E0	NOK	120X150X12	AB718	JOHND	450099
AB3148-E0	NOK	225875	AB3708E	NOK	416288	AB4362E	NOK	415138	AB7270E	NOK	481181
AB3165E	NOK	410694 <sup>28</sup>	AB3708E0	NOK	416288 <sup>28</sup>	AB4362E0	NOK	415138 <sup>28</sup>	AB7270E0	NOK	481181 <sup>28</sup>
AB3224E	NOK	60X85X8	AB3732E	NOK	228010	AB4413E	NOK	417273	AB7282E	NOK	416135
AB3224E0	NOK	60X85X8 <sup>28</sup>	AB3732E	NOK	80X100X10	AB4413E3	NOK	417273	AB7282E0	NOK	416135 <sup>28</sup>
AB3234E	NOK	60X85X8				AB4451A0	NOK	130X160X12	AB7345E	NOK	472397 <sup>28</sup>
AB3244E	NOK	60X90X8	AB3732E0	NOK	80X100X10	AB4471X	NOK	416557	AB7358E1	NOK	471539 <sup>28,29</sup>
AB3253E	NOK	470565 <sup>28</sup>				AB4471X0	NOK	416557	AB7368E	NOK	481163
AB3253E0	NOK	470565 <sup>28</sup>	AB3744H0	NOK	228020	AB4581A0	NOK	145X175X15	AB7368E0	NOK	481163 <sup>28</sup>
AB3267E	NOK	410825	AB3777X	NOK	455336	AB4649E	NOK	415072	AB7375E	NOK	352560
AB3267E0	NOK	410825	AB3777X1	NOK	455336	AB4649E0	NOK	415072	AB7375E	NOK	472560N
AB3290F	NOK	62X80X10	AB3796E	NOK	415304	AB4713A0	NOK	160X190X15	AB7375E0	NOK	352560
AB3290F0	NOK	62X80X10	AB3796E	NOK	476470	AB4764E	NOK	416229	AB7375E0	NOK	472560N <sup>28</sup>
AB3297E	NOK	226285	AB3796E0	NOK	415304	AB4764E0	NOK	416229	AB7391E	NOK	6863S
AB3297E0	NOK	226285	AB3796E0	NOK	476470 <sup>28,29</sup>	AB4835E	NOK	455584	AB7391E0	NOK	6863S <sup>28</sup>
AB3336E	NOK	471271	AB3809E	NOK	417352	AB4835E0	NOK	455584	AB7408E	NOK	415960
AB3336E0	NOK	471271 <sup>28</sup>	AB3809E	NOK	418028	AB5035E	NOK	415551	AB7408E0	NOK	415960
AB3338E	NOK	471271	AB3809E0	NOK	417352	AB5035E0	NOK	415551	AB7409E	NOK	473459
AB3338E0	NOK	471271 <sup>28</sup>	AB3809E0	NOK	418028 <sup>28,29</sup>	AB5054G	NOK	200X230X15	AB7409E0	NOK	473459 <sup>28</sup>
AB3347F	NOK	415449	AB3842H0	NOK	228520	AB5054G0	NOK		AB7410E	NOK	471138
AB3347F0	NOK	415449 <sup>28</sup>	AB3855E	NOK	85X120X12	200X230X15 <sup>28</sup>			AB7410E0	NOK	471138 <sup>28</sup>
AB3352E	NOK	415001 <sup>28</sup>	AB3855E0	NOK	85X120X12	AB5070R	JOHND	410496 <sup>28</sup>	AB7621E	NOK	7486S
AB3352E	NOK	455001				AB5131E	NOK	210X240X15	AB7621E0	NOK	7486S
AB3395E	NOK	226520	AB3891F	NOK	415991	AB5131E0	NOK	210X240X15	AB7625E	NOK	471818
AB3395E0	NOK	226520	AB3891F	NOK	455146	AB5160R	JOHND	417158 <sup>28</sup>	AB7625E0	NOK	471818
AB3409F	NOK	226530	AB3891F0	NOK	415991 <sup>28</sup>	AB5340EX	NOK		AB7650E	NOK	471645
AB3409F0	NOK	226530	AB3891F0	NOK	455146	240X270X15 <sup>28</sup>			AB7650E0	NOK	471645
AB3446E	NOK	417082	AB3963E	NOK	415937	AB5560E	NOK	280X320X20	AB7659E	NOK	471649
AB3446E0	NOK	417082	AB3963E0	NOK	415937 <sup>28</sup>	AB5560E0	NOK	280X320X20	AB7659E0	NOK	471649 <sup>28</sup>
AB3459H	NOK	68X90X10	AB4017F	NOK	415379	AB6764E	NOK	8704S	AB7673E1	NOK	470380 <sup>28</sup>
AB3478F	NOK	416664	AB4017F0	NOK	415379	AB6819E	NOK	340853	AB7674E	NOK	473233
AB3478F0	NOK	416664 <sup>28</sup>	AB4020E	NOK	416339	AB6819E0	NOK	340853	AB7674E0	NOK	473233 <sup>28</sup>
AB3487E	NOK	416282	AB4020E0	NOK	416339	AB6922E	NOK	471733	AB7684E	NOK	471870
AB3487E0	NOK	416282	AB4037E	NOK	416345	AB6922E0	NOK	471733	AB7684E0	NOK	471870 <sup>28</sup>
AB3513E	NOK	227040	AB4037E0	NOK	416345 <sup>28</sup>	AB6922F	NOK	471733	AB7686E	NOK	470334
AB3513E	NOK	70X90X10	AB4055E	NOK	100X120X12	AB6922F0	NOK	471733	AB7686E0	NOK	470334 <sup>28</sup>
AB3513-E0	NOK	227040	AB4055E0	NOK		AB6957E	NOK	480889 <sup>29</sup>	AB7738E	NOK	413246N
AB3513-E0	NOK	70X90X10	100X120X12 <sup>28</sup>			AB7017E	NOK	472705	AB7738E	NOK	483246N
			AB4063A0	NOK	231003	AB7017E0	NOK	472705 <sup>28,29</sup>	AB7738E0	NOK	413246N
AB3519G	NOK	227045	AB4109E	NOK	415035	AB7079E	NOK	416273	AB7738E0	NOK	483246N
AB3519G0	NOK	227045	AB4109E	NOK	415953	AB7079E0	NOK	416273	AB7758E	NOK	471442
AB3537F	NOK	416921	AB4109E0	NOK	415035 <sup>28,29</sup>	AB7080E	NOK	473228	AB7758E0	NOK	471442 <sup>28</sup>
AB3537F0	NOK	416921 <sup>28</sup>	AB4109E0	NOK	415953	AB7080E0	NOK	473228 <sup>28</sup>	AB7759E	NOK	471472
AB3573E	NOK	416921 <sup>28</sup>	AB4116F	NOK	417356	AB7095E	NOK	472164	AB7759E0	NOK	471472 <sup>28</sup>
AB3618A4	NOK	75X100X12	AB4116F0	NOK	417356 <sup>28</sup>	AB7095E0	NOK	472164 <sup>28</sup>	AB7760E	NOK	471564
			AB4180E	NOK	415196	AB7109E	NOK	471341	AB7760E0	NOK	471564
AB3618H0	NOK	227550	AB4180E0	NOK	415196 <sup>28</sup>	AB7109E0	NOK	471341 <sup>28</sup>	AB7761E	NOK	471567
AB3631E	NOK	75X105X13	AB4184E	NOK	415045 <sup>28</sup>	AB7127E	NOK	471795	AB7761E0	NOK	471567 <sup>28</sup>
AB3631E0	NOK	75X105X13	AB4184E2	NOK	415045 <sup>28</sup>	AB7127E0	NOK	471795	AB7762E	NOK	471643
AB3664E	NOK	415836	AB4212E	NOK	110X140X12	AB7128E	NOK	471750	AB7762E0	NOK	471643 <sup>28</sup>
AB3664E	NOK	415995	AB4212E0	NOK	110X140X12	AB7128E0	NOK	471750 <sup>28</sup>	AB7762E1	NOK	471643 <sup>28</sup>
AB3664E0	NOK	415836	AB4228E	NOK	416380 <sup>28</sup>	AB7138E	NOK	471255	AB7763E	NOK	471570
AB3664E0	NOK	415995 <sup>28,29</sup>	AB4228E0	NOK	416380 <sup>28</sup>	AB7138E0	NOK	471255 <sup>28</sup>	AB7763E0	NOK	471570 <sup>28</sup>
AB3665E	NOK	415836	AB4255F	NOK	416888	AB7153E	NOK	471272	AB7764E	NOK	470590
AB3665E	NOK	415995	AB4255F0	NOK	416888 <sup>28</sup>	AB7153E0	NOK	471272 <sup>28</sup>	AB7764E0	NOK	470590
AB3665E0	NOK	415836	AB4262E	NOK	416892	AB7166E	NOK	471570	AB7765E	NOK	471689
AB3665E0	NOK	415995 <sup>28,29</sup>	AB4262E0	NOK	416892 <sup>28</sup>	AB7166E0	NOK	471570 <sup>28</sup>	AB7765E0	NOK	471689 <sup>28</sup>
AB3705E	NOK	416011	AB4269E	NOK	415351 <sup>28</sup>	AB7175E	NOK	471192	AB7766E	NOK	471692
AB3705E	NOK	417621	AB4269E2	NOK	415351 <sup>28</sup>	AB7175E0	NOK	471192	AB7766E0	NOK	471692 <sup>28</sup>
AB3705E0	NOK	416011	AB4346E	NOK	120X150X12	AB718	JOHND	411253 <sup>28</sup>	AB7767E	NOK	470712

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AB7767E0	NOK	470712 <sup>28</sup>	AB7800E0	NOK	473238 <sup>28</sup>	AB7833E	NOK	417351	AB7860E	NOK	470625
AB7768E	NOK	473203	AB7801E	NOK	473239	AB7833E0	NOK	417351 <sup>28</sup>	AB7860E0	NOK	470625 <sup>28</sup>
AB7768E0	NOK	473203	AB7801E0	NOK	473239 <sup>28</sup>	AB7834E	NOK	417171	AB7897E	NOK	6936S
AB7769E	NOK	472475	AB7802E	NOK	473240	AB7834E0	NOK	417171 <sup>28</sup>	AB7897E	NOK	9845
AB7769E0	NOK	472475	AB7803E	NOK	472319	AB7835E	NOK	417172	AB7897E0	NOK	6936S <sup>28</sup>
AB7770E	NOK	473205	AB7803E0	NOK	472319	AB7835E0	NOK	417172	AB7897E0	NOK	9845
AB7770E0	NOK	473205 <sup>28</sup>	AB7804E	NOK	473241	AB7836E	NOK	417181	AB7934E	NOK	6370N
AB7771E	NOK	473210	AB7804E0	NOK	473241	AB7836E0	NOK	417181 <sup>28</sup>	AB7934E0	NOK	6370N
AB7772E	NOK	473211	AB7805E	NOK	472144	AB7837E	NOK	417353	AB7938E	NOK	473447
AB7773E	NOK	473212	AB7805E0	NOK	472144 <sup>28</sup>	AB7837E0	NOK	417353 <sup>28</sup>	AB7938E0	NOK	473447
AB7774E	NOK	473213	AB7806E	NOK	472394	AB7838E	NOK	416294	AB7940E	NOK	470530
AB7775E	NOK	473214	AB7806E0	NOK	472394	AB7838E0	NOK	416294 <sup>28</sup>	AB7940E0	NOK	470530 <sup>28</sup>
AB7775E0	NOK	473214 <sup>28</sup>	AB7807E	NOK	6936S	AB7840E	NOK	417191	AB8036E	NOK	471354
AB7776E	NOK	473215	AB7807E0	NOK	6936S	AB7840E0	NOK	417191	AB8036E0	NOK	471354 <sup>28</sup>
AB7776E0	NOK	473215 <sup>28</sup>	AB7808E	NOK	473242	AB7841E	NOK	417354	AB8065E	NOK	471442V
AB7777E	NOK	473224	AB7809E	NOK	473204	AB7841E0	NOK	417354 <sup>28</sup>	AB8065E0	NOK	471442V
AB7777E0	NOK	473224 <sup>28</sup>	AB7809E0	NOK	473204	AB7842E	NOK	416624	AB8066E	NOK	472475
AB7778E	NOK	473016	AB7810E	NOK	472015	AB7842E0	NOK	416624 <sup>28</sup>	AB8066E0	NOK	472475
AB7778E0	NOK	473016 <sup>28</sup>	AB7810E0	NOK	472015 <sup>28</sup>	AB7843E	NOK	417196	AB8071E	NOK	471651
AB7779E	NOK	473225	AB7811E	NOK	472016	AB7843E0	NOK	417196 <sup>28</sup>	AB8071-E0	NOK	471651
AB7779E0	NOK	473225 <sup>28</sup>	AB7811E0	NOK	472016 <sup>28</sup>	AB7844E	NOK	415437	AB8201E	NOK	471103
AB7780E	NOK	473226	AB7812E	NOK	473243	AB7844E0	NOK	415437	AB8201E	NOK	50197S
AB7780E0	NOK	473226	AB7812E0	NOK	473243	AB7845E	NATSU	416130 <sup>28</sup>	AB8201E0	NOK	471103 <sup>28</sup>
AB7781E	NOK	473227	AB7813E	NOK	473244	AB7845E	NOK	416047	AB8201E0	NOK	50197S
AB7781E0	NOK	473227 <sup>28</sup>	AB7814E	NOK	472018	AB7845E	NOK	416332	AB8201E1	NOK	471103 <sup>28</sup>
AB7782E	NOK	470380	AB7814E0	NOK	472018	AB7845E0	NOK	416047	AB8201E1	NOK	50197S
AB7782E0	NOK	470380 <sup>28</sup>	AB7816E	NOK	473245	AB7845E0	NOK	416332 <sup>28,29</sup>	AB8202E	NOK	330663
AB7783E	NOK	473228	AB7817E	NOK	472636	AB7846E	NOK	417355	AB8202E	NOK	472354 <sup>28</sup>
AB7783E0	NOK	473228 <sup>28</sup>	AB7817E0	NOK	472636 <sup>28</sup>	AB7846E0	NOK	417355 <sup>28</sup>	AB8202E0	NOK	330663
AB7784E	NOK	472213	AB7818E	NOK	413246	AB7847E	NOK	416125	AB8202E0	NOK	472354 <sup>28</sup>
AB7784E0	NOK	472213	AB7818E	NOK	413246N	AB7847E0	NOK	416125 <sup>28</sup>	AB8353E	NOK	471984
AB7785E	NOK	472299	AB7818E0	NOK	413246 <sup>28</sup>	AB7848E	NOK	416041	AB8353E0	NOK	471984
AB7785E0	NOK	472299	AB7818E0	NOK	413246N	AB7848E0	NOK	416041	AB8375E	NOK	410190
AB7786E	NOK	473229	AB7819E	NOK	413247	AB7849E	NOK	417205	AB8375E0	NOK	410190
AB7786E0	NOK	473229 <sup>28</sup>	AB7819E0	NOK	413247 <sup>28</sup>	AB7849E0	NOK	417205 <sup>28</sup>	AB8402E	NOK	352541
AB7787E	NOK	470682	AB7820E	NOK	416271	AB7850E	NOK	417211	AB8402E0	NOK	352541
AB7787E0	NOK	470682	AB7820E0	NOK	416271 <sup>28</sup>	AB7850E0	NOK	417211 <sup>28</sup>	AB8476E	NOK	471344
AB7788E	NOK	473230	AB7821E	NOK	470605	AB7851E	NOK	415697	AB8476E0	NOK	471344
AB7788E0	NOK	473230 <sup>28</sup>	AB7821E0	NOK	470605 <sup>28</sup>	AB7851E0	NOK	415697 <sup>28</sup>	AB8497E	NOK	330699
AB7789E	NOK	473010	AB7822E	NOK	413248	AB7852E	NOK	417366	AB8497E0	NOK	330699 <sup>28</sup>
AB7789E0	NOK	473010 <sup>28</sup>	AB7822E0	NOK	413248	AB7852E0	NOK	417366 <sup>28</sup>	AB8523E	NOK	473258
AB7790E	NOK	473232	AB7823E	NATSU	415483	AB7853E	NATSU	417357	AB8523E0	NOK	473258 <sup>28</sup>
AB7790E0	NOK	473232 <sup>28</sup>	AB7823E	NOK	415483	AB7855E	NATSU	472157	AB8523E1	NOK	473258 <sup>28</sup>
AB7791E	NOK	473233	AB7823E0	NOK	415483	AB7855E	NOK	416556	AB8526E	NOK	482126
AB7792E	NOK	473234	AB7825E	NOK	417343	AB7855E	NOK	472157	AB8526-E0	NOK	482126
AB7792E0	NOK	473234 <sup>28</sup>	AB7825E0	NOK	417343 <sup>28</sup>	AB7855E0	NOK	416556 <sup>28</sup>	AB8535E	NOK	410190
AB7793E	NOK	473235	AB7826E	NOK	415984	AB7855E0	NOK	472157 <sup>29</sup>	AB8535E0	NOK	410190 <sup>29</sup>
AB7793E0	NOK	473235 <sup>28</sup>	AB7826E0	NOK	415984 <sup>28</sup>	AB7856E	NATSU	416891 <sup>28</sup>	AB8759E	NOK	472164
AB7794E	NOK	473236 <sup>28</sup>	AB7827E	NOK	417316	AB7856E	NOK	416891	AB8759E0	NOK	472164 <sup>28</sup>
AB7795E	NOK	473237	AB7827E0	NOK	417316 <sup>28</sup>	AB7856E0	NOK	416891 <sup>28</sup>	AB8771E	NOK	8133S
AB7795E0	NOK	473237 <sup>28</sup>	AB7828E	NOK	415303	AB7857E	NATSU	416153 <sup>28</sup>	AB8771E0	NOK	8133S
AB7796E	NOK	472185	AB7828E0	NOK	415303 <sup>28</sup>	AB7857E	NOK	416153	AB8778E	NOK	471551
AB7796E0	NOK	472185 <sup>28</sup>	AB7829E	NOK	417344	AB7857E0	NOK	416153 <sup>28</sup>	AB8778E0	NOK	471551 <sup>28</sup>
AB7797E	NOK	472179	AB7829E0	NOK	417344 <sup>28</sup>	AB7858E	NATSU	417247 <sup>28</sup>	AB8779E	NOK	481443
AB7797E0	NOK	472179	AB7830E	NOK	417158	AB7858E	NOK	417247	AB8779E0	NOK	481443 <sup>28</sup>
AB7798E	NOK	472439	AB7830E0	NOK	417158 <sup>28</sup>	AB7858-E0	NOK	417247 <sup>28</sup>	AB8924E	NOK	710407
AB7798E0	NOK	472439	AB7831E	NOK	417349	AB7859E	NATSU	415725 <sup>28</sup>	AB8924-E0	NOK	710407
AB7799E	NOK	472572	AB7831E0	NOK	417349 <sup>28</sup>	AB7859E	NOK	415725	AB8924-E1	NOK	710407
AB7799E0	NOK	472572 <sup>28</sup>	AB7832E	NOK	417350	AB7859E0	NOK	415725 <sup>28</sup>	AB8932E	NOK	9569S
AB7800E	NOK	473238	AB7832E0	NOK	417350 <sup>28</sup>	AB7860E	NATSU	470625 <sup>28</sup>	AB8932E0	NOK	9569S

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AB8935E	NOK	471688	AC0687E0	NOK	221620	AC11805	COC	412871 <sup>28</sup>	AC2056E	NOK	223520
AB8935E0	NOK	471688	AC0721E	NOK	481481	AC11805	COC	450329	AC2056E0	NOK	223520 <sup>28</sup>
ABB013B0	NOK	52X65X9 <sup>28</sup>	AC0721E0	NOK	481481	AC11805	OLIVE	412871 <sup>28</sup>	AC2057A	NOK	35X50X8 <sup>28</sup>
ABB587A0	NOK	17X28X7	AC0736E	NOK	221710	AC11805	OLIVE	450329	AC2057A0	NOK	223520 <sup>28</sup>
AC0105E	NOK	350364	AC0736-E0	NOK	221710	AC1181E	NOK	351267	AC2057F	NOK	223520
AC0105E0	NOK	350364	AC0742E	NOK	221720	AC1181E	NOK	471267	AC2057F0	NOK	223520 <sup>28</sup>
AC0105E1	NOK	350364	AC0742-E0	NOK	221720	AC1181E0	NOK	351267	AC2069E	NOK	223535
AC0105H0	NOK	350364	AC0745E	NOK	221720	AC1181E0	NOK	471267 <sup>28</sup>	AC2069E0	NOK	223535
AC0123E1	NOK	10X25X7	AC0745-E0	NOK	221720	AC1259E	NOK	222430	AC2083J	NOK	223540
AC01-27-238	MAZDA	710396	AC0750E1	NOK	221730	AC1259-E0	NOK	222430	AC2083K	NOK	223540
AC0134F	NOK	220860	AC0758E	NOK	17X35X7	AC1260A0	NOK	222430	AC2083-K0	NOK	223540
AC0134F	NOK	8X16X7	AC0758E0	NOK	17X35X7	AC1260A0	NOK	24X40X7 <sup>28</sup>	AC2084E	NOK	223542
AC0134-F0	NOK	220860	AC0759H0	NOK	17X35X7	AC1314A0	NOK	222540	AC2084E	NOK	35X55X11
AC0134-F0	NOK	8X16X7 <sup>28</sup>	AC0760A0	NOK	17X35X7	AC1314A0	NOK	25X40X7 <sup>28</sup>	AC2084E	NOK	35X55X8 <sup>28</sup>
AC0205A0	NOK	9X22X7	AC0771F	NOK	17X40X7	AC1372F	NOK	25X52X7	AC2084E0	NOK	35X55X11 <sup>28</sup>
AC0205E	NOK	9X22X7	AC0771F0	NOK	17X40X7	AC1372F	NOK	25X52X8	AC2085A0	NOK	223542
AC0205E0	NOK	9X22X7	AC0829A0	NOK	18X35X7	AC1372F0	NOK	25X52X7 <sup>28</sup>	AC2162E	NOK	223605
AC0224F	NOK	330385	AC0897E	NOK	254270	AC1419E	NOK	471224	AC2162E0	NOK	223605
AC0224F0	NOK	330385 <sup>28</sup>	AC0897E	NOK	7750	AC1419E0	NOK	471224 <sup>28</sup>	AC2205E	NOK	4989
AC0224F1	NOK	330385 <sup>28</sup>	AC0897E0	NOK	254270 <sup>28</sup>	AC1474A0	NOK	26X42X10	AC2205F	NOK	4989
AC0227E	NOK	350156	AC0897E0	NOK	7750	AC1583	KOHL	471354 <sup>28</sup>	AC2206E	NOK	4989
AC0227E	NOK	473096	AC0898E	NOK	1049	AC1598E	NOK	3638	AC2206-E0	NOK	4989
AC0227E0	NOK	350156	AC0898E0	NOK	1049	AC1598E	NOK	471652	AC2218E	NOK	223800
AC0227E0	NOK	473096 <sup>28</sup>	AC0913E	NOK	470954	AC1598E0	NOK	3638 <sup>29</sup>	AC2218E0	NOK	223800
AC0227E1	NOK	350156	AC0913E0	NOK	470954 <sup>28</sup>	AC1598E0	NOK	471652	AC2222E	NOK	38X52X7
AC0227E1	NOK	473096 <sup>28</sup>	AC0913E1	NOK	470954 <sup>28</sup>	AC1599E	NOK	471652	AC2222E0	NOK	38X52X7 <sup>28</sup>
AC0387E	NOK	12X28X7	AC0913O0	NOK	470954V	AC1599E0	NOK	471652	AC225374	IH	450194
AC0387E0	NOK	12X28X7	AC0923F	NOK	471554	AC1665E	NOK	30X42X7 <sup>28</sup>	AC225374	IH	473010 <sup>28</sup>
AC0442F1	NOK	330699 <sup>28</sup>	AC0923F0	NOK	471554 <sup>28</sup>	AC1679A0	NOK	1981	AC2253743	IH	471801 <sup>28</sup>
AC0456E	NOK	471526	AC0997E	NOK	222020	AC1682E	NOK	223014	AC2269E	NOK	481163
AC0456E0	NOK	471526 <sup>28</sup>	AC0997E0	NOK	222020	AC1682E0	NOK	223014 <sup>29</sup>	AC2269E0	NOK	481163 <sup>28</sup>
AC0514E	NOK	221410	AC1012E	NOK	222030	AC1691	OLIVE	470189	AC2272E	NOK	480630
AC0514E0	NOK	221410	AC1012E0	NOK	222030	AC1691	OLIVE	471692 <sup>28</sup>	AC2272E	NOK	480991
AC0526A0	NOK	14X30X7	AC1013A0	NOK	222030	AC1709A0	NOK	30X50X7	AC2272E0	NOK	480630 <sup>28</sup>
AC0545E	NOK	471281	AC1015	FMC	415088 <sup>28</sup>	AC1719E	NOK	30X52X7	AC2272E0	NOK	480991
AC0545E0	NOK	471281 <sup>28</sup>	AC1015	FMC	455088	AC1719E0	NOK	30X52X7	AC2296E	NOK	473440
AC0559E	NOK	472705	AC10171	COC	473436	AC1748G	NOK	30X62X7	AC2296E0	NOK	473440 <sup>28</sup>
AC0559E0	NOK	472705 <sup>28</sup>	AC10177	OLIVE	473436	AC1748G0	NOK	30X62X7	AC2304G	NOK	226018
AC0598A0	NOK	221540	AC1029E	NOK	222050	AC1824E	NOK	7412S	AC2304G0	NOK	226018
AC0603E	NOK	15X32X8	AC1029E0	NOK	222050	AC1824-E0	NOK	7412S	AC2318E	NOK	473517
AC0603E0	NOK	15X32X8	AC1038E	NOK	20X42X10	AC1838E	NOK	471766	AC2318E0	NOK	473517 <sup>28</sup>
AC0610F	NOK	15X35X7	AC1038E0	NOK	20X42X10	AC1838E0	NOK	471766 <sup>28</sup>	AC2322E	NOK	473441
AC0610F0	NOK	15X35X7	AC1048F	NOK	20X47X7	AC1841E	NOK	410163	AC2322E0	NOK	473441
AC0611E	NOK	15X35X7	AC1048F0	NOK	20X47X7	AC1841E	NOK	471766	AC2343E	NOK	1217
AC0611E0	NOK	15X35X7	AC1059E	NOK	20X52X7	AC1841E0	NOK	410163	AC2343E	NOK	224010
AC0620E	NOK	471532	AC1059E0	NOK	20X52X7	AC1841E0	NOK	471766 <sup>28</sup>	AC2343E	NOK	40X52X7
AC0620E0	NOK	471532	AC1070E	NOK	8609	AC1853	KOHL	471354 <sup>28</sup>	AC2343-E0	NOK	224010
AC0639E	NOK	351487	AC1070E0	NOK	8609	AC1880E	NOK	223230	AC2343-E0	NOK	40X52X7 <sup>28</sup>
AC0639E0	NOK	351487	AC10801	OLIVE	39302	AC1880-E0	NOK	223230	AC2361E	NOK	224020
AC0644E	NOK	351466	AC11259	DRESS	471820	AC1902E	NOK	223255	AC2361E	NOK	40X55X8 <sup>28</sup>
AC0644E	NOK	471466 <sup>28</sup>	AC11259	EL-MO	471820	AC1902E0	NOK	223255	AC2361E0	NOK	224020
AC0649E	NOK	351466	AC11259	WAYNE	471820	AC1904A0	NOK	1167	AC2375E	NOK	224040
AC0649E	NOK	471466	AC11436	COC	455356	AC2005E	NOK	472258V	AC2375E0	NOK	224040
AC0649E0	NOK	351466	AC11436	OLIVE	455356	AC2005E0	NOK	472258V	AC2379E	NOK	224040
AC0649E0	NOK	471466 <sup>28</sup>	AC11436	WHITE	455356	AC2007E	NOK	6760S	AC2379E	NOK	40X60X10
AC0654E	NOK	471264	AC1148A0	NOK	22X42X10	AC2007E0	NOK	6760S	AC2379E0	NOK	224040
AC0654E0	NOK	471264 <sup>28</sup>	AC1148E	NOK	22X42X10	AC2016F	NOK	470169	AC2379E0	NOK	40X60X10 <sup>28</sup>
AC0684E1	NOK	16X28X7	AC1148E0	NOK	22X42X10	AC2016F	NOK	473214	AC2388A0	NOK	224045
AC0684E1	NOK	221610	AC11498	WAYNE	473214 <sup>28</sup>	AC2016F0	NOK	470169			
AC0687E	NOK	221620	AC11501	WAYNE	471801 <sup>28</sup>	AC2016F0	NOK	473214 <sup>28,29</sup>			

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AC2390E	NOK	224045	AC3744A0	NOK	80X105X13	AC81	FMC	415645 <sup>28</sup>	AD0227E0	NOK	473096 <sup>28</sup>
AC2390E0	NOK	224045	28			AC81	FMC	455104	AD0325E	NOK	472810 <sup>28</sup>
AC2493E	NOK	1953	AC3842G	NOK	228520	AC81	LK-BT	415645 <sup>28</sup>	AD0325F	NOK	472810
AC2493E0	NOK	1953	AC3842G0	NOK	228520	AC81	LK-BT	455104	AD0325F0	NOK	472810 <sup>28</sup>
AC2576F	NOK	6703S	AC3844A	NOK	228020	AC8202E	NOK	330663	AD0371E	NOK	12X22X7
AC2576F0	NOK	6703S	AC3844A	NOK	80X105X13	AC8202E	NOK	472354	AD0371E0	NOK	12X22X7 <sup>28</sup>
AC2643E	NOK	224520	28			AC8202E0	NOK	330663	AD0451E	NOK	471442
AC2643E0	NOK	224520	AC3888E	NOK	416624 <sup>28</sup>	AC8202E0	NOK	472354 <sup>28</sup>	AD0451E0	NOK	471442 <sup>28</sup>
AC2651F	NOK	45X62X8	AC3888E0	NOK	416624 <sup>28</sup>	AC8221E	NOK	353120	AD0456E	NOK	471526
AC2651F0	NOK	45X62X8 <sup>28</sup>	AC3932A0	NOK	90X115X12	AC8221E0	NOK	353120	AD0456E0	NOK	471526 <sup>28</sup>
AC2774F	NOK	48X62X8	AC396	LK-BT	415072	AC8226E	NOK	473224	AD0554E	NOK	471551 <sup>28</sup>
AC2774F0	NOK	48X62X8 <sup>28</sup>	AC3Z-1S175-A	FORD	710701	AC8226E0	NOK	473224 <sup>28</sup>	AD0598G	NOK	221540
AC2775F	NOK	224820	AC4063G2	NOK	231003	AC8368E	NOK	710076	AD0598G0	NOK	221540
AC2775-F0	NOK	224820	AC4282F	NOK	115X145X14	AC8368E0	NOK	710076	AD0638G	NOK	7188S
AC2780E	NOK	1973	AC4282F0	NOK	115X145X14	AC8419F	NOK	223240	AD0638G0	NOK	7188S
AC2780-E0	NOK	1973	AC4346F	NOK	120X150X12	AC8419F	NOK	32X48X8 <sup>28</sup>	AD0639E	NOK	351487
AC2791A0	NOK	1994	AC4346F0	NOK	120X150X12	AC8419F0	NOK	223240	AD0645G	NOK	471466
AC2847E	NOK	225020	AC4451F2	NOK	130X160X12	AC8419F0	NOK	32X48X8 <sup>28</sup>	AD0645G0	NOK	471466 <sup>28</sup>
AC2847-E0	NOK	225020	AC4484E	NOK	417262 <sup>28</sup>	AC8471E	NOK	480210	AD0646E	NOK	471466V
AC2861E	NOK	225030	AC4484E0	NOK	417262 <sup>28</sup>	AC8471E0	NOK	480210 <sup>28</sup>	AD0646E0	NOK	471466V
AC2861E	NOK	50X72X8	AC4568E	NOK	417555 <sup>28</sup>	AC8474E	NOK	352354	AD0654E	NOK	471264
AC2861E0	NOK	225030	AC4568E0	NOK	417555 <sup>28</sup>	AC8474E	NOK	472354	AD0654E0	NOK	471264 <sup>28</sup>
AC2861E0	NOK	50X72X8 <sup>28</sup>	AC4581E	NOK	145X175X15	AC8474E0	NOK	352354	AD0657E	NOK	471255
AC2864K0	NOK	225030	AC4581E0	NOK	145X175X15	AC8474E0	NOK	472354 <sup>28</sup>	AD0657E0	NOK	471255 <sup>28</sup>
AC2888E	NOK	225050	AC4713E	NOK	160X190X15	AC8474F	NOK	330663	AD0660F	NOK	471612
AC2888E0	NOK	225050	AC4713E0	NOK	160X190X15	AC8474F	NOK	472354	AD0660F0	NOK	471612
AC2908E	NOK	352541	AC484	LK-BT	415066	AC8474F0	NOK	330663	AD0678E	NOK	16X26X7
AC2908E0	NOK	352541	AC4898E	NOK	180X210X15	AC8474F0	NOK	472354 <sup>28</sup>	AD0685F	NOK	221610
AC2964K0	NOK	225030	AC4898E0	NOK	180X210X15	AC8491F	NOK	32X48X8	AD0685F0	NOK	221610
AC2980E	NOK	451948	AC6763E	NOK	482576N	AC8491-F0	NOK	32X48X8 <sup>28</sup>	AD0687H0	NOK	221620
AC2980E0	NOK	451948	AC6763E0	NOK	482576N	AC8925E	NOK	710401	AD0722F	NOK	481481 <sup>29</sup>
AC3040A0	NOK	225530	AC6900E	NOK	471442V	AC8925-E0	NOK	710401	AD0723F	NOK	17X35X7
AC3040A0	NOK	55X72X8 <sup>28</sup>	AC6900E0	NOK	471442V	AC9191	COC	450621	AD0723F0	NOK	17X35X7
AC3139E	NOK	471272	AC7071E	NOK	3395	AC9191	OLIVE	450621	AD0745-E1	NOK	221720
AC3139E0	NOK	471272 <sup>28</sup>	AC7071E0	NOK	3395	AC9191	WHITE	450621	AD0750F	NOK	17X32X7
AC3147E	NOK	710136	AC7126E	NOK	474278 <sup>28</sup>	AC9338	OLIVE	5976S	AD0750F	NOK	221730
AC3147-E0	NOK	710136	AC7126E0	NOK	474278 <sup>28</sup>	AC9546	COC	450070	AD0750F0	NOK	17X32X7 <sup>28</sup>
AC3204G	NOK	226018	AC7174E	NOK	471689 <sup>28</sup>	AC9546	COC	472185 <sup>28</sup>	AD0751F	NOK	221730
AC3260E1	NOK	413247 <sup>28</sup>	AC7175E	NOK	471192	AC9546	OLIVE	450070	AD0751F0	NOK	221730
AC3260E1	NOK	450350	AC7176E	NOK	473234 <sup>28</sup>	AC9546	OLIVE	472185 <sup>28</sup>	AD0759E	NOK	17X35X7
AC3280E	NOK	411500	AC7269E	NOK	7781S	ACA4000	LEYLD	471192	AD0759E0	NOK	17X35X7
AC3280E0	NOK	411500	AC7269E0	NOK	7781S	ACC060A0	NOK	20X35X7 <sup>28</sup>	AD0783F	NOK	471529
AC3297A0	NOK	226285	AC7640E	NOK	330385	ACC178A0	NOK	45X62X8 <sup>28</sup>	AD0783F0	NOK	471529
AC3311A	OLIVE	470045	AC7640E0	NOK	330385 <sup>28</sup>	ACC370A0	NOK	20X52X7	AD0897E	NOK	254270
AC3311A	OLIVE	476838 <sup>28</sup>	AC7669E	NOK	471570	ACC394A1	NOK	35X47X7 <sup>28</sup>	AD0897E	NOK	7750
AC3409A0	NOK	226530	AC7669E0	NOK	471570 <sup>28</sup>	ACC434B0	NOK	223550	AD0897E0	NOK	254270 <sup>28</sup>
AC34-1175-AA	FORD	710701	AC7695E	NOK	471276	ACC464A0	NOK	15X35X7	AD0897E0	NOK	7750
AC34-1175-AB	FORD	710701	AC7695E0	NOK	471276 <sup>29</sup>	ACC479A0	NOK	70X90X10	AD0900E	NOK	254270
AC3505E	NOK	227020	AC7696E	NOK	470596	28			AD0900E	NOK	7750
AC3505E0	NOK	227020	AC7696E0	NOK	470596	ACC522A0	NOK	25X42X8 <sup>28</sup>	AD0900E0	NOK	254270 <sup>28</sup>
AC3519A	NOK	70X92X12	AC7717E	NOK	35X80X8	ACC542A0	NOK	17X30X7	AD0900E0	NOK	7750
AC3519A0	NOK	227045	AC7717E0	NOK	35X80X8	ACC635A0	NOK	28X40X7 <sup>28</sup>	AD0913F	NOK	470954
AC3618E	NOK	227550	AC7758E	NOK	471442	ACC640A0	NOK	17X40X7	AD0913F0	NOK	470954 <sup>28</sup>
AC3618E0	NOK	227550	AC7758E0	NOK	471442 <sup>28</sup>	ACC646A0	NOK	30X47X7 <sup>28</sup>	AD0913F1	NOK	470954 <sup>28</sup>
AC3732E	NOK	228010	AC7868E	NOK	8X22X7	ACC656A	NOK	710637	AD0923F	NOK	471554
AC3732E	NOK	80X100X10	AC7868E0	NOK	8X22X7 <sup>28</sup>	ACC656A0	NOK	710637	AD0923F0	NOK	471554 <sup>28</sup>
28			AC7873E	NOK	481481	ACC752A0	NOK	85X130X13	AD0953F	NOK	471443
AC3732E1	NOK	80X100X10	AC7873E0	NOK	481481	AD0227E	NOK	350156	AD0953F	NOK	481443
28			AC8004E	NOK	351487	AD0227E	NOK	473096	AD0953F0	NOK	471443
AC3744A0	NOK	228020	AC8004E0	NOK	351487	AD0227E0	NOK	350156	AD0953F0	NOK	481443 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AD0997H1	NOK	20X32X7 <sup>28</sup>	AD1598E0	NOK	471652	AD2107E	NOK	35X60X10	AD2604E0	NOK	471984
AD1012F2	NOK	222030	AD1598F1	NOK	471652	AD2107E0	NOK	35X60X10 <sup>28</sup>	AD2643G	NOK	224520
AD1013E	NOK	222030	AD1598F2	NOK	471652				AD2643G0	NOK	224520
AD1013E0	NOK	222030	AD1617E	NOK	471763	AD2132F	NOK	471847N	AD2655F	NOK	1992
AD1015F	NOK	222030	AD1617E0	NOK	471763	AD2230W0	NOK	38X55X7 <sup>28</sup>	AD2655F	NOK	45X65X8
						AD2240K0	NOK	38X58X8 <sup>28</sup>	AD2655F0	NOK	1992
AD1015F0	NOK	222030	AD1617F	NOK	471763				AD2655F0	NOK	45X65X8 <sup>28</sup>
AD1127G	NOK	22X35X7	AD1617F0	NOK	471763	AD2257E	NOK	1176	AD2685E	NOK	224570
AD1127G0	NOK	22X35X7	AD1636E	NOK	474260 <sup>28</sup>	AD2257-E0	NOK	1176	AD2685-E0	NOK	224570
AD1147F	NOK	22X42X10	AD1671G	NOK	223012	AD2261G	NOK	1177	AD2752E	NOK	472439
AD1147F0	NOK	22X42X10	AD1671G	NOK	30X44X7	AD2261G0	NOK	1177			
						AD2261H	NOK	1177	AD2752E0	NOK	472439
AD1172E	NOK	7840S	AD1671-G0	NOK	223012				AD2763Y	NOK	1959
AD1172E0	NOK	7840S	AD1671-G0	NOK	30X44X7 <sup>28</sup>	AD2267E	NOK	474276	AD2763Y0	NOK	1959
AD1181H0	NOK	471267 <sup>28</sup>	AD1679G	NOK	223014	AD2267E0	NOK	474276 <sup>28</sup>	AD2780G	NOK	224820
AD1181I0	NOK	471267 <sup>28</sup>	AD1679G0	NOK	223014	AD2322E	NOK	473441	AD2780G0	NOK	224820
AD1181J0	NOK	471267V	AD1705E	NOK	30X50X7	AD2322E0	NOK	473441			
						AD2323E	NOK	473442	AD2791E	NOK	1994
AD1190F	NOK	470680	AD1705E0	NOK	30X50X7				AD2791E0	NOK	1994
AD1190F	NOK	471570	AD1709E	NOK	30X50X7	AD2323E0	NOK	473442 <sup>28</sup>	AD2791J0	NOK	710313
AD1190F0	NOK	470680	AD1709E0	NOK	30X50X7	AD2343E	NOK	224015	AD2838F	NOK	225010
AD1190F0	NOK	471570 <sup>28,29</sup>	AD1779E	NOK	471765	AD2343E0	NOK	224015	AD2838F0	NOK	225010
AD1194E	NOK	471646	AD1779E0	NOK	471765 <sup>28</sup>	AD2353Y	NOK	1213N			
						AD2353-Y0	NOK	1213N	AD2838F1	NOK	225010
AD1194E0	NOK	471646 <sup>28</sup>	AD1820E	NOK	474278				AD2847F	NOK	50X68X8
AD1198F	NOK	471730	AD1820E0	NOK	474278 <sup>28</sup>	AD2353-Y0	NOK	40X54X6 <sup>28</sup>	AD2847F0	NOK	50X68X8 <sup>28</sup>
AD1198F0	NOK	471730	AD1826F	NOK	471413	AD2355E	NOK	710311	AD2888F	NOK	50X80X8
AD1250R	JOHND	415995 <sup>28</sup>	AD1826F0	NOK	471413 <sup>28</sup>	AD2355-E0	NOK	710311	AD2888F0	NOK	50X80X8
AD1250R	JOHND	455013	AD1828E	NOK	471413	AD2359G	NOK	224020			
						AD2359G	NOK	40X55X8 <sup>28</sup>	AD2913E	NOK	471424
AD1251R	JOHND	416654 <sup>28</sup>	AD1828E0	NOK	471413 <sup>28</sup>				AD2913E0	NOK	471424 <sup>28</sup>
AD1251R	JOHND	455012	AD1832E	NOK	471737	AD2359G0	NOK	224020	AD2913F	NOK	471424 <sup>28</sup>
AD1260R	JOHND	416339	AD1832E0	NOK	471737	AD2375F	NOK	40X60X10	AD2919E	NOK	472492 <sup>28</sup>
AD1260R	JOHND	455031 <sup>28</sup>	AD1838E	NOK	471766	AD2375F	NOK	710147	AD2919F	NOK	472492
AD1268	JOHND	416339	AD1838E0	NOK	471766 <sup>28</sup>	AD2375F0	NOK	40X60X10 <sup>28</sup>			
									AD2919F0	NOK	472492 <sup>28</sup>
AD1268	JOHND	455031 <sup>28</sup>	AD1841F	NOK	470163	AD2375F0	NOK	710147	AD2920F	NOK	472492
AD1306H1	NOK	222535	AD1841F	NOK	471766				AD2920F0	NOK	472492 <sup>28</sup>
AD1307E	NOK	222535	AD1841F0	NOK	470163	AD2388E	NOK	224045	AD2920F1	NOK	472492 <sup>28</sup>
AD1307E0	NOK	222535	AD1841F0	NOK	471766 <sup>28,29</sup>	AD2388E0	NOK	224045	AD2931F	NOK	472397
AD1337F	NOK	25X45X8	AD1894E	NOK	223240	AD2390I0	NOK	224045			
						AD2402E	NOK	224100	AD2931F0	NOK	472397 <sup>28</sup>
AD1337F0	NOK	25X45X8	AD1894E0	NOK	223240	AD2402E	NOK	40X65X10	AD2942E	NOK	410102
AD1358E	NOK	222820	AD1904F	NOK	1167				AD2942E0	NOK	410102
AD1358E0	NOK	222820	AD1904F0	NOK	1167	AD2402-E0	NOK	40X65X10	AD2955Y	NOK	1955
AD1377	JOHND	450593 <sup>28</sup>	AD1929F	NOK	710070	AD2403I0	NOK	40X65X10	AD2955Y	NOK	52X65X9 <sup>28</sup>
AD1403E	NOK	252277	AD1929-F0	NOK	710070	AD2405E	NOK	40X65X10			
						AD2405E0	NOK	40X65X10	AD2955Y0	NOK	1955
AD1403E0	NOK	252277	AD2005G	NOK	472258 <sup>28</sup>	AD2480E	NOK	42X55X8 <sup>28</sup>	AD2955Y0	NOK	52X65X9 <sup>28</sup>
AD1407E	NOK	350414	AD2005G	NOK	472258V				AD2994E	NOK	470898
AD1407E	NOK	472311	AD2005G0	NOK	472258V	AD2480E0	NOK	42X55X8 <sup>28</sup>	AD2994E0	NOK	470898
AD1407E0	NOK	350414	AD2005G1	NOK	472258 <sup>28</sup>	AD2482E	NOK	224200	AD3000E	NOK	472015
AD1407E0	NOK	472311 <sup>28</sup>	AD2005G2	NOK	472258 <sup>28</sup>	AD2493E	NOK	42X60X7			
						AD2493E0	NOK	42X60X7 <sup>28</sup>	AD3000E0	NOK	472015 <sup>28</sup>
AD1410F1	NOK	471224 <sup>28</sup>	AD2007F	NOK	470774 <sup>28</sup>	AD2507H0	NOK	42X65X10	AD3005F	NOK	472409
AD1410G	NOK	471224	AD2007F0	NOK	470774 <sup>28</sup>				AD3005F0	NOK	472409 <sup>28</sup>
AD1410G0	NOK	471224 <sup>28</sup>	AD2066E	NOK	223535	AD2507H0 <sup>28</sup>			AD3005F1	NOK	472409 <sup>28</sup>
AD1410H0	NOK	471224 <sup>28</sup>	AD2066E0	NOK	223535				AD3040F	NOK	225530
AD1412F	NOK	470553	AD2077E	NOK	35X54X8	AD2507I0	NOK	224255			
						AD2507L	NOK	224255	AD3040-F0	NOK	225530
AD1412F	NOK	471224	AD2077E0	NOK	35X54X8 <sup>28</sup>	AD2507-L0	NOK	224255	AD3135E	NATSU	412920 <sup>28</sup>
AD1412F0	NOK	470553	AD2081G	NOK	35X55X11	AD2527E	NOK	473317	AD3135E	NATSU	472920
AD1412F0	NOK	471224 <sup>28,29</sup>	AD2081G	NOK	35X55X8 <sup>28</sup>	AD2527E0	NOK	473317	AD3135E	NOK	412920
AD1430E	NOK	471649 <sup>28</sup>	AD2081G0	NOK	35X55X11				AD3135E0	NOK	412920 <sup>28</sup>
AD1430F	NOK	471649 <sup>28</sup>				AD2528E	NOK	470460			
						AD2528E0	NOK	470460	AD3135E1	NOK	412920 <sup>28</sup>
AD1430F1	NOK	471649 <sup>28</sup>	AD2085G	NOK	223542	AD2565E	NOK	710283	AD3148E	NOK	225875
AD1431F	NOK	471649 <sup>28</sup>				AD2565-E0	NOK	710283	AD3148-E0	NOK	225875
AD1446E	NOK	471760	AD2085G0	NOK	223542	AD2599F	NOK	472179	AD3154F	NOK	58X80X8
AD1446E0	NOK	471760	AD2085N	NOK	35X55X8 <sup>28</sup>				AD3154F0	NOK	58X80X8
AD1598E	NOK	471652	AD2085N0	NOK	35X55X11 <sup>28</sup>	AD2599F0	NOK	472179			
						AD2604E	NOK	471984			

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AD3253E	NOK	470565	AD3705E	NATSU	417621 <sup>28</sup>	AD4255E	NATSU	416888 <sup>28</sup>	AD7092E	NOK	472164
AD3253E0	NOK	470565 <sup>28</sup>	AD3705E	NOK	416011	AD4255F1	NOK	416888 <sup>28</sup>	AD7092E0	NOK	472164 <sup>28</sup>
AD3259E	NOK	413247	AD3705E	NOK	417621	AD4262E	NATSU	416892 <sup>28</sup>	AD7095E	NOK	472164
AD3259E0	NOK	413247 <sup>28</sup>	AD3705E0	NOK	416011	AD4262E	NOK	416892	AD7095E0	NOK	472164 <sup>28</sup>
AD3297F	NOK	226285	AD3705E0	NOK	417621 <sup>28,29</sup>	AD4262E0	NOK	416892 <sup>28</sup>	AD7095E1	NOK	472164 <sup>28</sup>
AD3297F0	NOK	226285	AD3706F	NOK	2291	AD4329E	NOK	120X140X13	AD7095F	NOK	472164V
AD3338E	NOK	471271	AD3706F0	NOK	2291	AD4329-E0	NOK	120X140X13	AD7095F	NOK	482164N
AD3338E0	NOK	471271 <sup>28</sup>	AD3708E	NATSU	416288 <sup>28</sup>	AD4362E	NATSU	415138 <sup>28</sup>	AD7095F0	NOK	472164V
AD3338F	NOK	471271 <sup>28</sup>	AD3708E	NOK	416288	AD4362E	NOK	415138	AD7095F0	NOK	482164N
AD3338F0	NOK	471271 <sup>28</sup>	AD3708E0	NOK	416288 <sup>28</sup>	AD4362E0	NOK	415138 <sup>28</sup>	AD7096E	NOK	470712
AD3347E	NATSU	415449 <sup>28</sup>	AD3744J0	NOK	228020	AD4370E	NOK	415066	AD7096E0	NOK	470712 <sup>28</sup>
AD3347E	NOK	415449	AD3795E	NOK	476470	AD4370E0	NOK	415066	AD7111E1	NOK	471538 <sup>28</sup>
AD3347E0	NOK	415449 <sup>28</sup>	AD3796E	NATSU	476470	AD4441E	NOK	710556	AD7127E	NOK	471795N
AD3388E	NOK	710094	AD3796E	NOK	476470	AD4441-E0	NOK	710556	AD7127E0	NOK	471795N
AD3388-E0	NOK	710094	AD3796E0	NOK	476470	AD4443G	NOK	130X150X10	AD7127E1	NOK	471795
AD3400L0	NOK	65X88X10	AD3809E	NATSU	418028	AD4443G0	NOK	130X150X10	AD7149E	NOK	472324
AD3400L0	NOK	65X88X8 <sup>28</sup>	AD3809E	NOK	417352	AD4517G	NOK	710421	AD7149E0	NOK	472324 <sup>28</sup>
AD3409-J0	NOK	226530	AD3809E	NOK	418028	AD4517-G0	NOK	710421	AD7151E	NOK	472179
AD3409-J0	NOK	65X90X10	AD3809E0	NOK	417352	AD4524E	NOK	416107 <sup>28</sup>	AD7151E0	NOK	472179
AD3409-J0	28		AD3809E0	NOK	418028 <sup>28,29</sup>	AD4524E1	NOK	416107 <sup>28</sup>	AD7153F	NOK	471272
AD3440E	NOK	475003N	AD3842I0	NOK	228520	AD4581A0	NOK	145X175X15	AD7153F0	NOK	471272 <sup>28</sup>
AD3440E0	NOK	475003N	AD3891E	NATSU	415991	AD4593F	NOK	710369	AD7175E	NOK	471192
AD3459E	NOK	68X90X10	AD3891E	NOK	415991	AD4593-F0	NOK	710369	AD7175E0	NOK	471192
AD3459E0	NOK	68X90X10	AD3891E0	NOK	415991	AD4601E	NOK	416666	AD7268E	NOK	450161
AD3459E0	28		AD3932J0	NOK	90X115X12	AD4601E0	NOK	416666	AD7268E	NOK	471764 <sup>28,29</sup>
AD3478E	NATSU	416664 <sup>28</sup>	AD3963E	NATSU	415937 <sup>28</sup>	AD4654E	NOK	415072	AD7268E0	NOK	450161
AD3478E	NOK	416664	AD3963E	NOK	415937	AD4654E0	NOK	415072	AD7268E0	NOK	471764 <sup>28,29</sup>
AD3478E0	NOK	416664 <sup>28</sup>	AD3963E0	NOK	415937 <sup>28</sup>	AD4713A0	NOK	160X190X15	AD7282E	NATSU	416135 <sup>28</sup>
AD3480E	NOK	415984	AD3994J2	NOK	95X120X12	AD4795A0	NOK	170X200X15	AD7282E	NOK	416135
AD3480E0	NOK	415984 <sup>28</sup>	AD4017E	NOK	415379	AD4898A3	NOK	180X210X15	AD7282E0	NOK	416135 <sup>28</sup>
AD3505H0	NOK	227020	AD4017E0	NOK	415379	AD5283A0	NOK	230X260X15	AD7408E	NOK	415960
AD3519K	NOK	70X92X12	AD4017F	NATSU	415379	AD5341E	NOK	240X270X15	AD7408E0	NOK	415960
AD3519K0	NOK	227045	AD4017F	NATSU	475379	AD5341E0	NOK	240X270X15 <sup>28</sup>	AD7410E	NOK	471138
AD3537F	NOK	710763	AD4019E	NOK	415035	AD6299E	NOK	471733	AD7410E0	NOK	471138 <sup>28</sup>
AD3537-F0	NOK	710763	AD4019E	NOK	415953	AD6299E0	NOK	471733	AD7410E1	NOK	471138 <sup>28</sup>
AD3553E	NOK	417485	AD4019E0	NOK	415035 <sup>28</sup>	AD6787E	NOK	472658	AD7553E	NOK	474278
AD3553E0	NOK	417485	AD4019E0	NOK	415953	AD6787E	NOK	473197	AD7553E0	NOK	474278 <sup>28</sup>
AD3573E	NATSU	416921 <sup>28</sup>	AD4020E	NATSU	416339	AD6787E0	NOK	472658	AD7591E	NOK	453065
AD3573E	NOK	416921	AD4020E	NOK	416339	AD6787E0	NOK	472658	AD7591E0	NOK	453065
AD3573E0	NOK	416921 <sup>28</sup>	AD4020E	NOK	416339	AD6787E0	NOK	473197 <sup>28,29</sup>	AD7613E	NOK	412861
AD3574F	NOK	416921	AD4020E0	NOK	416339	AD6789E	NOK	473235 <sup>28</sup>	AD7613E0	NOK	412861
AD3574F0	NOK	416921 <sup>28</sup>	AD4037E	NATSU	416345 <sup>28</sup>	AD6789E0	NOK	473235 <sup>28</sup>	AD7625E	NOK	471818
AD3589E	NOK	475012N	AD4037E	NOK	416345	AD6858E	NOK	5206	AD7625E0	NOK	471818
AD3589E0	NOK	475012N	AD4037E0	NOK	416345 <sup>28</sup>	AD6858E0	NOK	5206	AD7643E	NOK	471612
AD3590E	NOK	416654	AD4063A0	NOK	231003	AD6890E	NOK	27X47X10	AD7643E0	NOK	471612
AD3590E0	NOK	416654 <sup>28</sup>	AD4095E	NOK	417506	AD6890E0	NOK	27X47X10	AD7646E	NOK	472649
AD3618I0	NOK	227550	AD4095E0	NOK	417506	AD6920F	NOK	710084	AD7646E0	NOK	472649
AD3664E	NATSU	415995 <sup>28</sup>	AD4098E	NOK	710371	AD6920-F0	NOK	710084	AD7646E1	NOK	472649
AD3664E	NOK	415836	AD4098-E0	NOK	710371	AD6922E	NOK	471733	AD7647E	NOK	472951
AD3664E	NOK	415995	AD4109E	NATSU	415035	AD6942E	NOK	471231	AD7647E	NOK	474252
AD3664E0	NOK	415836	AD4109E	NOK	415035	AD6942E0	NOK	471231 <sup>28</sup>	AD7647E0	NOK	472951 <sup>28</sup>
AD3664E0	NOK	415995 <sup>28,29</sup>	AD4109E	NOK	415953	AD7049Y	NOK	710051	AD7647E0	NOK	474252 <sup>29</sup>
AD3673E	NOK	417487 <sup>28,29</sup>	AD4109E0	NOK	415035 <sup>28,29</sup>	AD7049-Y0	NOK	710051	AD7651E	NOK	472950
AD3673E	NOK	455086	AD4109E0	NOK	415953	AD7079E	NATSU	416273	AD7651E0	NOK	472950 <sup>29</sup>
AD3673E0	NOK	417487 <sup>28,29</sup>	AD4116E	NATSU	417356 <sup>28</sup>	AD7079E	NOK	416273	AD7654E	NOK	473380
AD3673E0	NOK	455086	AD4116E	NOK	417506	AD7079E0	NOK	416273	AD7654E0	NOK	473380
AD3675E	NOK	417488 <sup>28</sup>	AD4116E0	NOK	417506	AD7079E0	NOK	416273	AD7656E	NOK	472655
AD3675E0	NOK	417488 <sup>28</sup>	AD4180E	NATSU	415196 <sup>28</sup>	AD7079F	NOK	416273	AD7656E0	NOK	472655
AD3704E	NOK	416404 <sup>28</sup>	AD4180E	NOK	415196	AD7079F0	NOK	416273	AD7657E1	NOK	472953
AD3704E0	NOK	416404 <sup>28</sup>	AD4180E0	NOK	415196 <sup>28</sup>	AD7079R	NOK	416273	AD7658E	NOK	473243

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AD7658E0	NOK	473243	AD7768E0	NOK	473203	AD7798E0	NOK	472439	AD7824E0	NOK	415458 <sup>28</sup>
AD7662E	NOK	472644	AD7769E	NOK	472475	AD7799E	NOK	472572	AD7825E	NATSU	417343 <sup>28</sup>
AD7662E0	NOK	472644	AD7769E0	NOK	472475	AD7799E0	NOK	472572 <sup>28</sup>	AD7825E	NOK	417343
AD7665E	NOK	471904	AD7770E	NOK	473205	AD7800E	NOK	473238	AD7825E0	NOK	417343 <sup>28</sup>
AD7665E0	NOK	471904 <sup>29</sup>	AD7770E0	NOK	473205 <sup>28</sup>	AD7800E0	NOK	473238 <sup>28</sup>	AD7826E	NATSU	415984 <sup>28</sup>
AD7666E	NOK	473427	AD7771E	NOK	473210	AD7801E	NOK	473239	AD7826E	NOK	415984
AD7666E0	NOK	473427	AD7772E	NOK	473211	AD7801E0	NOK	473239 <sup>28</sup>	AD7826E0	NOK	415984 <sup>28</sup>
AD7667E	NOK	470596	AD7772E0	NOK	473211 <sup>28</sup>	AD7802E	NOK	473240	AD7827E	NOK	417316
AD7667E0	NOK	470596	AD7773E	NOK	473212	AD7802E0	NOK	473240 <sup>28</sup>	AD7827E0	NOK	417316 <sup>28</sup>
AD7668E	NOK	476820	AD7773E0	NOK	473212 <sup>28</sup>	AD7803E	NOK	472319	AD7828E	NATSU	415303 <sup>28</sup>
AD7668E0	NOK	476820	AD7774E	NOK	473213	AD7803E0	NOK	472319	AD7828E	NOK	415303
AD7670E	NOK	477105	AD7774E0	NOK	473213 <sup>28</sup>	AD7804E	NOK	473241	AD7828E0	NOK	415303 <sup>28</sup>
AD7670E0	NOK	477105	AD7775E	NOK	473214	AD7804E0	NOK	473241	AD7829E	NATSU	417344 <sup>28</sup>
AD7678E	NOK	472660	AD7775E-0	NOK	473214 <sup>28</sup>	AD7805E	NOK	472144	AD7829E	NOK	417344
AD7678E0	NOK	472660	AD7776E	NOK	473215	AD7805E0	NOK	472144 <sup>28</sup>	AD7829E0	NOK	417344 <sup>28</sup>
AD7680E	NOK	472954	AD7776E0	NOK	473215 <sup>28</sup>	AD7806E	NOK	472394	AD7830E	NATSU	417158 <sup>28</sup>
AD7680E0	NOK	472954	AD7777E	NOK	473224	AD7806E0	NOK	472394	AD7830E	NOK	417158
AD7683E	NOK	472653	AD7777E0	NOK	473224 <sup>28</sup>	AD7807E	NOK	472924	AD7830E0	NOK	417158 <sup>28</sup>
AD7683E0	NOK	472653 <sup>28</sup>	AD7778E	NOK	473016	AD7807E0	NOK	472924 <sup>28</sup>	AD7831E	NATSU	417349 <sup>28</sup>
AD7699E	NOK	470606 <sup>28</sup>	AD7778E0	NOK	473016 <sup>28</sup>	AD7808E	NOK	473242	AD7831E	NOK	417349
AD7699E0	NOK	470606 <sup>28</sup>	AD7779E	NOK	473225	AD7808E0	NOK	473242	AD7831E0	NOK	417349 <sup>28</sup>
AD7700E	NOK	710518	AD7779E0	NOK	473225 <sup>28</sup>	AD7809E	NOK	473204	AD7832E	NATSU	417350 <sup>28</sup>
AD7700-E0	NOK	710518	AD7780E	NOK	473226	AD7809E0	NOK	473204	AD7832E	NOK	417350
AD7700-E1	NOK	710518	AD7780E0	NOK	473226	AD7810E	NOK	472015	AD7832E0	NOK	417350 <sup>28</sup>
AD7703E	NOK	710184	AD7781E	NOK	473227	AD7810E0	NOK	472015 <sup>28</sup>	AD7833E	NATSU	417351 <sup>28</sup>
AD7703-E0	NOK	710184	AD7781E0	NOK	473227 <sup>28</sup>	AD7811E	NOK	473517	AD7833E	NOK	417351
AD7705E	NOK	470806	AD7782E	NOK	470380	AD7811E0	NOK	473517	AD7833E0	NOK	417351 <sup>28</sup>
AD7705E0	NOK	470806 <sup>29</sup>	AD7782E0	NOK	470380 <sup>28</sup>	AD7812E	NATSU	473243	AD7834E	NATSU	417171 <sup>28</sup>
AD7707E	NOK	472642	AD7782E1	NOK	470380 <sup>28</sup>	AD7812E	NOK	473243	AD7834E	NOK	417171
AD7707E0	NOK	472642	AD7783E	NOK	473228	AD7812E0	NOK	473243	AD7834E0	NOK	417171 <sup>28</sup>
AD7708E	NOK	471276	AD7783E0	NOK	473228 <sup>28</sup>	AD7813E	NOK	473244	AD7835E	NOK	417172
AD7708E0	NOK	471276	AD7784E	NOK	472213	AD7813E0	NOK	473244 <sup>28</sup>	AD7835E0	NOK	417172
AD7709E	NOK	471281	AD7784E0	NOK	472213	AD7814E	NOK	472018	AD7836E	NATSU	417181 <sup>28</sup>
AD7709E0	NOK	471281 <sup>28</sup>	AD7785E	NOK	472299	AD7814E0	NOK	472018	AD7836E	NOK	417181
AD7710E	NOK	472658	AD7785E0	NOK	472299	AD7815E	NOK	472020	AD7836E0	NOK	417181 <sup>28</sup>
AD7710E	NOK	473197	AD7786E	NOK	473229	AD7815E0	NOK	472020	AD7837E	NATSU	417353 <sup>28</sup>
AD7710E0	NOK	472658	AD7786E0	NOK	473229 <sup>28</sup>	AD7816E	NOK	473245	AD7837E	NOK	417353
AD7710E0	NOK	473197 <sup>28,29</sup>	AD7787E	NOK	470682	AD7816E0	NOK	473245 <sup>28</sup>	AD7837E0	NOK	417353 <sup>28</sup>
AD7758E	NOK	471442	AD7787E0	NOK	470682	AD7817E	NOK	472636	AD7838E	NATSU	416294 <sup>28</sup>
AD7758E0	NOK	471442 <sup>28</sup>	AD7788E	NOK	473230	AD7817E0	NOK	472636 <sup>28</sup>	AD7838E	NOK	416294
AD7759E	NOK	471472	AD7788E0	NOK	473230 <sup>28</sup>	AD7818E	NATSU	413246N	AD7838E0	NOK	416294 <sup>28</sup>
AD7759E0	NOK	471472 <sup>28</sup>	AD7789E	NOK	473010	AD7818E	NOK	413246	AD7839E	NATSU	412473 <sup>28</sup>
AD7760E	NOK	471564	AD7789E0	NOK	473010 <sup>28</sup>	AD7818E	NOK	413246N	AD7839E	NOK	412473
AD7760E0	NOK	471564	AD7790E	NOK	473232	AD7818E0	NOK	413246 <sup>28</sup>	AD7839E	NOK	415894
AD7761E	NOK	471567	AD7790E0	NOK	473232 <sup>28</sup>	AD7818E0	NOK	413246N	AD7839E0	NOK	412473 <sup>28,29</sup>
AD7761E0	NOK	471567 <sup>28</sup>	AD7791E	NOK	473233	AD7819E	NATSU	413247 <sup>28</sup>	AD7839E0	NOK	415894
AD7762E	NOK	471643	AD7791E0	NOK	473233 <sup>28</sup>	AD7819E	NOK	413247	AD7839E1	NOK	412473 <sup>28,29</sup>
AD7762E0	NOK	471643 <sup>28</sup>	AD7792E	NOK	473234	AD7819E0	NOK	413247 <sup>28</sup>	AD7839E1	NOK	415894
AD7763E	NOK	471570	AD7792E0	NOK	473234 <sup>28</sup>	AD7820E	NATSU	416271 <sup>28</sup>	AD7840E	NATSU	417191
AD7763E0	NOK	471570 <sup>28</sup>	AD7793E	NOK	8516N	AD7820E	NOK	416271	AD7840E	NOK	417191
AD7764E	NOK	470590	AD7793E-0	NOK	8516N	AD7820E0	NOK	416271 <sup>28</sup>	AD7840E0	NOK	417191
AD7764E0	NOK	470590	AD7794E	NOK	473236	AD7821E	NOK	470605	AD7841E	NATSU	417354 <sup>28</sup>
AD7765E	NOK	471689	AD7794E0	NOK	473236 <sup>28</sup>	AD7821E0	NOK	470605 <sup>28</sup>	AD7841E	NOK	417354
AD7765E0	NOK	471689 <sup>28</sup>	AD7795E	NOK	473237	AD7822E	NATSU	413248	AD7841E0	NOK	417354 <sup>28</sup>
AD7766E	NOK	471692	AD7795E0	NOK	473237 <sup>28</sup>	AD7822E	NOK	413248	AD7842E	NATSU	416624 <sup>28</sup>
AD7766E0	NOK	471692 <sup>28</sup>	AD7796E	NOK	472185	AD7822E0	NOK	413248	AD7842E	NOK	416624
AD7767E	NOK	470712	AD7796E0	NOK	472185 <sup>28</sup>	AD7823E	NATSU	415483	AD7842E0	NOK	416624 <sup>28</sup>
AD7767E0	NOK	470712 <sup>28</sup>	AD7797E	NOK	472179	AD7823E	NOK	415483	AD7843E	NATSU	417196 <sup>28</sup>
AD7767E1	NOK	470712 <sup>28</sup>	AD7797E0	NOK	472179	AD7823E0	NOK	415483	AD7843E	NOK	417196
AD7768E	NOK	473203	AD7798E	NOK	472439	AD7824E	NOK	415458	AD7843E0	NOK	417196 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AD7844E	NATSU	415437	AD8008E0	NOK	414268 <sup>28</sup>	AD8734E0	NOK	471344	AE0582E	NOK	15X24X7
AD7844E	NOK	415437	AD8008E0	NOK	450539	AD8754E	NOK	471835	AE0582E	NOK	2027
AD7844E0	NOK	415437	AD8011E	NOK	473446	AD8754E0	NOK	471835 <sup>28</sup>	AE0582E0	NOK	2027
AD7845E	NATSU	416332 <sup>28</sup>	AD8011E0	NOK	473446	AD8948E	NOK	470390	AE0584F	NOK	15X24X7
AD7845E	NOK	416047	AD8014E	NOK	471984	AD8948E0	NOK	470390	AE0584F0	NOK	15X24X7
AD7845E	NOK	416332	AD8014E0	NOK	471984	AD8948F	NOK	470390	AE0586G	NOK	15X25X6
AD7845E0	NOK	416047	AD8018E	NOK	451078	AD8948F0	NOK	470390	AE0586G0	NOK	15X25X5
AD7845E0	NOK	416332 <sup>28,29</sup>	AD8018E0	NOK	451078 <sup>28</sup>	AD8965E	NOK	4250	AE0598A0	NOK	221540
AD7846E	NATSU	417355 <sup>28</sup>	AD8035E	NOK	471379	AD8965E0	NOK	4250	AE0604E	NOK	15X32X8
AD7846E	NOK	417355	AD8035E0	NOK	471379	AD9109E	NOK	457295	AE0604E0	NOK	15X32X8
AD7846E0	NOK	417355 <sup>28</sup>	AD8058E	NOK	45X58X7	AD9109E0	NOK	457295	AE0654E	NOK	471264
AD7847E	NATSU	416125 <sup>28</sup>	AD8058E0	NOK	45X58X7 <sup>28</sup>	ADD012B0	NOK	38X74X11	AE0654E0	NOK	471264 <sup>28</sup>
AD7847E	NOK	416125	AD8062E	NOK	470451	ADD012B0	NOK	38X74X8 <sup>28</sup>	AE0658E	NOK	471255
AD7847E0	NOK	416125 <sup>28</sup>	AD8062E	NOK	480630	ADD042A0	NOK	50X65X8 <sup>28</sup>	AE0658E0	NOK	471255 <sup>28</sup>
AD7848E	NOK	416041	AD8062E0	NOK	470451	ADD085A0	NOK	75X100X12 <sup>28</sup>	AE0685G	NOK	221610
AD7848E0	NOK	416041	AD8062E0	NOK	480630 <sup>28,29</sup>	ADD091A	NOK	710373	AE0685G0	NOK	221610
AD7849E	NATSU	417205 <sup>28</sup>	AD8206E	NOK	710008	ADD091-A0	NOK	710373	AE0687A0	NOK	221620
AD7849E	NOK	417205	AD8206E0	NOK	710008	ADD135A0	NOK	1176 <sup>29</sup>	AE0742L0	NOK	17X30X7
AD7849E0	NOK	417205 <sup>28</sup>	AD8213E	NOK	473380	ADD138A	NOK	710371	AE0743E	NOK	17X30X7
AD7850E	NATSU	417211 <sup>28</sup>	AD8213E0	NOK	473380	ADD138-A0	NOK	710371	AE0743E0	NOK	17X30X7
AD7850E	NOK	417211	AD8217E	NOK	471833	ADD149A	NOK	710763	AE0745-E1	NOK	221720
AD7850E0	NOK	417211 <sup>28</sup>	AD8217E0	NOK	471833	ADD149-A0	NOK	710763	AE0751H0	NOK	17X30X7
AD7851E	NATSU	415697 <sup>28</sup>	AD8236E	NOK	471736	ADD149-A0	NOK	710763	AE0751H0	NOK	221730
AD7851E	NOK	415697	AD8236E0	NOK	471736	ADD972A	NOK	710421	AE0760H0	NOK	17X35X7
AD7851E0	NOK	415697 <sup>28</sup>	AD8360E	NOK	471692	ADD972-A0	NOK	710421	AE0771F1	NOK	17X40X7
AD7852E	NATSU	417366 <sup>28</sup>	AD8360E0	NOK	471692 <sup>28</sup>	ADD972B	NOK	710421	AE0815E	NOK	221820
AD7852E	NOK	417366	AD8362E	NOK	471443	ADD972-B0	NOK	710421	AE0815-E0	NOK	221820
AD7852E0	NOK	417366 <sup>28</sup>	AD8362E	NOK	481443	ADU7358	ROVER	224052	AE0816E	NOK	221820
AD7853E	NATSU	417357	AD8362E0	NOK	471443	ADU8891	ROVER	1172	AE0816-E0	NOK	221820
AD7853E	NOK	417357	AD8362E0	NOK	481443 <sup>28</sup>	AE0134E	NOK	220860	AE0816F	NOK	221820
AD7853E0	NOK	417357	AD8377E	NOK	481792	AE0134-E0	NOK	220860	AE0816-F0	NOK	221820
AD7854E	NATSU	416130 <sup>28</sup>	AD8377E0	NOK	481792	AE0134-E0	NOK	8X16X7 <sup>28</sup>	AE0816G	NOK	221820
AD7854E	NOK	416130	AD8404E	NOK	471831	AE0145F0	NOK	220818	AE0816-G0	NOK	221820
AD7854E0	NOK	416130 <sup>28</sup>	AD8404E0	NOK	471831 <sup>28</sup>	AE0205A0	NOK	9X22X7	AE0817E	NOK	18X30X7
AD7855E	NATSU	472157	AD8419E	NOK	476281	AE0226E0	NOK	350156 <sup>29</sup>	AE0817E	NOK	221820
AD7855E	NOK	416556	AD8419E0	NOK	476281	AE0279A0	NOK	10X25X7	AE0817E0	NOK	18X30X7 <sup>28</sup>
AD7855E	NOK	472157	AD8442E	NOK	470774	AE0318E0	NOK	6863S <sup>28</sup>	AE0817E0	NOK	221820
AD7855E0	NOK	416556 <sup>28</sup>	AD8442E0	NOK	470774 <sup>28</sup>	AE0325H0	NOK	472810 <sup>28</sup>	AE0823E	NOK	18X32X8
AD7855E0	NOK	472157 <sup>29</sup>	AD8465E	NOK	471981	AE0328F	NOK	6863S	AE0823E0	NOK	18X32X8 <sup>28</sup>
AD7856E	NATSU	416891 <sup>28</sup>	AD8465E0	NOK	471981	AE0328F0	NOK	6863S <sup>28</sup>	AE0829A0	NOK	18X35X7
AD7856E	NOK	416891	AD8466E	NOK	471645	AE0371E	NOK	221207	AE0829E	NOK	18X35X7
AD7856E0	NOK	416891 <sup>28</sup>	AD8466E0	NOK	471645	AE0371-E0	NOK	221207	AE0829E0	NOK	18X35X7
AD7857E	NATSU	416153 <sup>28</sup>	AD8473E	NOK	470328	AE0371P	NOK	221207	AE0870E	NOK	19X32X8
AD7857E	NOK	416153	AD8473E	NOK	481213	AE0371-P0	NOK	221207	AE0870E	NOK	221922
AD7857E0	NOK	416153 <sup>28</sup>	AD8473E0	NOK	470328	AE0371R	NOK	221207	AE0870-E0	NOK	19X32X8 <sup>28</sup>
AD7858E	NATSU	417247 <sup>28</sup>	AD8473E0	NOK	481213 <sup>28</sup>	AE0371-R0	NOK	221207	AE0870-E0	NOK	221922
AD7858E	NOK	417247	AD8480E	NOK	225110	AE0387E	NOK	12X28X7	AE0900E	NOK	1049
AD7858-E0	NOK	417247 <sup>28</sup>	AD8480E	NOK	50X65X8	AE0387E0	NOK	12X28X7	AE0900E0	NOK	1049
AD7859E	NATSU	415725 <sup>28</sup>	AD8480E0	NOK	50X65X8 <sup>28</sup>	AE0442G	NOK	342613 <sup>28</sup>	AE0913E	NOK	470954
AD7859E	NOK	415725	AD8527E	NOK	473313	AE0442G0	NOK	342613 <sup>28</sup>	AE0913E0	NOK	470954 <sup>28</sup>
AD7859E0	NOK	415725 <sup>28</sup>	AD8527E0	NOK	473313 <sup>28</sup>	AE0451E	NOK	471442 <sup>28</sup>	AE0915F	NOK	470954
AD7860E	NOK	470625	AD8537E	NOK	55X90X13	AE0451F	NOK	471442	AE0915F0	NOK	470954 <sup>28</sup>
AD7860E0	NOK	470625 <sup>28</sup>	AD8537E0	NOK	55X90X13	AE0451F0	NOK	471442 <sup>28</sup>	AE0917E	NOK	221820
AD7860E1	NOK	470625 <sup>28</sup>	AD8555E	NOK	471958	AE0452E	NOK	471442 <sup>28</sup>	AE0917E0	NOK	221820
AD7877E	NOK	471821	AD8555E0	NOK	471958	AE0514G	NOK	14X24X7	AE0929A0	NOK	18X35X7
AD7877E0	NOK	471821 <sup>28</sup>	AD8582E	NOK	710247	AE0514G0	NOK	14X24X7	AE0997E	NOK	222020
AD7898E	NOK	472082	AD8582-E0	NOK	710247	AE0519J	NOK	710116	AE0997E0	NOK	222020
AD7898E0	NOK	472082	AD8717E	NOK	413470	AE0519J0	NOK	14X25X5	AE1012G	NOK	222030
AD8008E	NOK	414268	AD8717E0	NOK	413470 <sup>28</sup>	AE0523E1	NOK	14X26X7	AE1012G0	NOK	222030
AD8008E	NOK	450539	AD8734E	NOK	471344	AE0526A0	NOK	14X30X7	AE1013A0	NOK	20X35X7 <sup>28</sup>

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AE1013A0	NOK	222030	AE1679A0	NOK	223014	AE2085A	NOK	35X55X8 <sup>28</sup>	AE2493J	NOK	1953
AE1017F	NOK	20X36X7	AE1679-H0	NOK	1981	AE2085A0	NOK	35X55X11	AE2493J	NOK	42X60X7 <sup>28</sup>
AE1017F0	NOK	20X36X7	AE1679-H0	NOK	30X45X8 <sup>28</sup>	<sup>28</sup>			AE2507A1	NOK	42X65X10
AE10212	WILYS	471466 <sup>28</sup>	AE1679-L0	NOK	1981	AE2094E	NOK	710218	<sup>28</sup>		
AE1029E	NOK	222050	AE1679T	NOK	1981	AE2094-E0	NOK	710218	AE2520F	NOK	710195
AE1029E0	NOK	222050	AE1679-T0	NOK	1981	AE2108E	NOK	35X60X10	AE2520-F0	NOK	710195
AE1032F	NOK	20X40X7	AE1692E1	NOK	223020	AE2108E0	NOK	35X60X10	AE2589E	NOK	472164
AE1032-F0	NOK	20X40X7 <sup>28</sup>	AE1692E1	NOK	30X47X7 <sup>28</sup>	<sup>28</sup>			AE2589E0	NOK	472164 <sup>28</sup>
AE1035E	NOK	20X42X10	AE1705G	NOK	30X50X7	AE2231E	NOK	223831	AE2596E	NOK	323119
AE1035E0	NOK	20X42X10	AE1705G0	NOK	30X50X7	AE2231E	NOK	38X55X7	AE2596E0	NOK	323119
AE1048P0	NOK	20X47X7	AE1709A0	NOK	30X50X7	AE2231E0	NOK	223831	AE2643E	NOK	224520
AE1139E	NOK	22X40X7	AE1723-F0	NOK	223035	AE2231E0	NOK	38X55X7 <sup>28</sup>	AE2643E0	NOK	224520
AE1139E0	NOK	22X40X7	AE17384	WILYS	340385	AE2240A	NOK	710319	AE2643E1	NOK	224520
AE1140E	NOK	22X40X7	AE1820E	NOK	474278	AE2240-A0	NOK	38X58X8 <sup>28</sup>	AE2644W0	NOK	45X60X10
AE1140E0	NOK	22X40X7	AE1820E0	NOK	474278 <sup>28</sup>	AE2240-A0	NOK	710319	<sup>28</sup>		
AE1145E	NOK	22X42X10	AE1879E	NOK	32X45X7	AE2240I	NOK	710319	AE2650E	NOK	1012N
AE1145E0	NOK	22X42X10	AE1879-E0	NOK	32X45X7	AE2240-I0	NOK	710319	AE2650E	NOK	45X62X8
AE1148A0	NOK	22X42X10	AE1884E	NOK	32X46X6	AE2240J	NOK	223842	AE2650E0	NOK	1012N
AE1148E	NOK	22X42X10	AE1884-E0	NOK	32X46X6 <sup>28</sup>	AE2240-J0	NOK	223842	AE2650E0	NOK	45X62X8 <sup>28</sup>
AE1148E0	NOK	22X42X10	AE1894G	NOK	223240	AE226E	NOK	350156	AE2653E	NOK	1012N
AE1179E	NOK	353132	AE1894G	NOK	32X48X8	AE2280E	NOK	470625 <sup>28</sup>	AE2653E	NOK	45X62X8
AE1179E0	NOK	353132	AE1894G0	NOK	223240	AE2343E	NOK	224015	AE2653E0	NOK	1012N
AE1232E	NOK	471571	AE1894G0	NOK	32X48X8 <sup>28</sup>	AE2343E	NOK	40X52X7	AE2653E0	NOK	45X62X8 <sup>28</sup>
AE1232E0	NOK	471571	AE1902E	NOK	223255	AE2343E0	NOK	224015	AE2658W0	NOK	45X65X8 <sup>28</sup>
AE1260A0	NOK	222430	AE1902E0	NOK	223255	AE2343E0	NOK	40X52X7 <sup>28</sup>	AE2676E	NOK	45X70X10
AE1260A1	NOK	24X40X7 <sup>28</sup>	AE1904A0	NOK	1167	AE2359H	NOK	224020	AE2676E0	NOK	45X70X10
AE1306E	NOK	222535	AE1904A0	NOK	32X52X7 <sup>28</sup>	AE2359H	NOK	40X55X8 <sup>28</sup>	AE2685N	NOK	224570
AE1306E0	NOK	222535	AE1904I	NOK	1167	AE2359H0	NOK	224020	AE2774E	NOK	48X62X8
AE1306K0	NOK	222535	AE1904-I0	NOK	1167	AE2365E	NOK	224026	AE2774E0	NOK	48X62X8 <sup>28</sup>
AE1307E1	NOK	222535	AE1952E	NOK	1953	AE2365E0	NOK	224026	AE2774F	NOK	224810
AE1314A0	NOK	25X40X7 <sup>28</sup>	AE1952E	NOK	42X60X7	AE2365G	NOK	710598	AE2774G	NOK	224810
AE1322F	NOK	25X42X8	AE1952E0	NOK	1953	AE2365-G0	NOK	710598	AE2774-G0	NOK	224810
AE1322F0	NOK	25X42X8 <sup>28</sup>	AE1952E0	NOK	42X60X7 <sup>28</sup>	AE2367E	NOK	710505	AE2774G03X1	NOK	224810
AE1335E	NOK	25X45X8	AE2005E	NOK	472258	AE2367-E0	NOK	710505	AE2775E	NOK	224820
AE1335E0	NOK	25X45X8	AE2005E0	NOK	472258 <sup>28</sup>	AE2375E	NOK	40X60X10	AE2775E0	NOK	224820
AE1337F	NOK	25X45X8	AE2011E	NOK	471192	AE2375E0	NOK	40X60X10	AE2780F	NOK	224820
AE1337-F0	NOK	25X45X8	AE2011E0	NOK	471192 <sup>29</sup>	<sup>28</sup>			AE2780F0	NOK	224820
AE1338A0	NOK	25X45X8	AE2022E	NOK	323125	AE2386H	NOK	224045	AE2786E	NOK	228480
AE134E	NOK	8X16X7	AE2022E	NOK	450456 <sup>28</sup>	AE2386H	NOK	40X62X8 <sup>28</sup>	AE2786E0	NOK	228480
AE1351E	NOK	25X47X7	AE2022E0	NOK	323125	AE2386H1	NOK	224045	AE2788H	NOK	1994
AE1351E0	NOK	25X47X7	AE2022E0	NOK	450456 <sup>28</sup>	AE2388A0	NOK	224045	AE2788H	NOK	48X70X9 <sup>28</sup>
AE1377H0	NOK	25X52X7 <sup>28</sup>	AE2041E	NOK	223510	AE2390K0	NOK	224045	AE2788H1	NOK	1994
AE1450E	NOK	472138	AE2041-E0	NOK	223510	AE2405E1	NOK	40X65X10	AE2788H1	NOK	48X70X9 <sup>28</sup>
AE1450E0	NOK	472138	AE2048F3	NOK	35X47X7 <sup>28</sup>	AE2419E	NOK	350572	AE2791A0	NOK	1994
AE1452E	NOK	321516	AE2048K	NOK	710051	AE2419-E0	NOK	350572	AE2808E	NOK	710305
AE1452E	NOK	471516	AE2048-K0	NOK	710051	AE2420E	NOK	40X72X7	AE2808-E0	NOK	710305
AE1452E0	NOK	321516	AE2048M	NOK	1108	AE2420E0	NOK	40X72X7	AE2831E	NOK	225005
AE1452E0	NOK	471516 <sup>28</sup>	AE2057A0	NOK	223520 <sup>28</sup>	AE2420F	NOK	710523	AE2831-E0	NOK	225005
AE1474A	NOK	710399	AE2060G	NOK	35X50X8	AE2420-F0	NOK	710523	AE2847E	NOK	225020
AE1474-A0	NOK	710399	AE2060G0	NOK	35X50X8 <sup>28</sup>	AE2426G	NOK	710113	AE2847-E0	NOK	225020
AE1512F	NOK	1990	AE2068E	NOK	223535	AE2426-G0	NOK	710113	AE2847Y0	NOK	50X68X8 <sup>28</sup>
AE1513E	NOK	222745	AE2068E0	NOK	223535	AE24599	JOHND	470380 <sup>28</sup>	AE2862E1	NOK	50X72X8 <sup>28</sup>
AE1513-E0	NOK	222745	AE2071F	NOK	223535	AE2483E	NOK	224210	AE2864G	NOK	50X72X8
AE15290	WILYS	471538 <sup>28</sup>	AE2071F0	NOK	223535	AE2483-E0	NOK	224210	AE2864G0	NOK	50X72X8 <sup>28</sup>
AE1558P	NOK	28X47X7 <sup>28</sup>	AE2072E	NOK	223535	AE2492E	NOK	1953	AE28879	JOHND	481181 <sup>28</sup>
AE1558P0	NOK	28X47X7 <sup>28</sup>	AE2072E0	NOK	223535	AE2492E	NOK	42X60X7	AE28879	JOHND	481181N
AE15681N	NOK	28X52X7	AE2081	NOK	35X55X11	AE2492E0	NOK	1953	AE2888E	NOK	225050
AE1599E	NOK	471652	AE2081E	NOK	35X55X8	AE2492E0	NOK	42X60X7 <sup>28</sup>	AE2888E	NOK	50X80X8
AE-1677H	NOK	223014	AE2081E0	NOK	35X55X8 <sup>28</sup>	AE2493E	NOK	1953	AE2888E0	NOK	225050
AE-1677H0	NOK	223014	AE2081I	NOK	223540	AE2493E0	NOK	1953	AE2919E	NOK	472492

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AE2919E0	NOK	472492 <sup>28</sup>	AE4063A0	NOK		AE7708E0	NOK	471276 <sup>29</sup>	AEE295A	NOK	40X62X8 <sup>28</sup>
AE2942E	NOK	410102	AE4063F	NOK	231003	AE7739E	NOK	321460	AEE338A0	NOK	25X37X7 <sup>28</sup>
AE2942E0	NOK	410102	AE4063F0	NOK	231003	AE7739E0	NOK	321460	AEE376A0	NOK	14X24X7
AE2955E	NOK	52X65X9	AE4346H0	NOK	120X150X12	AE7766E	NOK	471692	AEE394A0	NOK	35X47X7 <sup>28</sup>
AE2955E0	NOK	52X65X9 <sup>28</sup>	AE442G	NOK	342613	AE7766E0	NOK	471692 <sup>28</sup>	AEE456B0	NOK	30X42X7 <sup>28</sup>
AE2960F	NOK	225230	AE4451F	NOK	130X160X12	AE7772E	NOK	473211	AEE477A0	NOK	65X85X10
AE2960F	NOK	52X72X8 <sup>28</sup>	AE4451F0	NOK	130X160X12	AE7772E0	NOK	473211 <sup>28</sup>	AEE479A0	NOK	70X90X10
AE2960F0	NOK	225230	AE4581E	NOK	145X175X15	AE7782F	NOK	470380	AE488A0	NOK	105X125X13
AE2960F0	NOK	52X72X8 <sup>28</sup>	AE4581E0	NOK	145X175X15	AE7782F0	NOK	470380 <sup>28</sup>	AEE514A0	NOK	15X25X6
AE29658	JOHND	5650	AE4624F1	NOK	150X180X12	AE7869E	NOK	472324	AEE615A0	NOK	35X62X7 <sup>28</sup>
AE3012E	NOK	54X72X10	AE6873E	NOK	470543	AE7869E0	NOK	472324 <sup>28</sup>	AEE699A0	NOK	60X80X8 <sup>28</sup>
AE3012E0	NOK	54X72X10	AE6873E	NOK	474272	AE7872E	NOK	17X35X7	AEE728A	NOK	710268
AE3012E0	NOK	54X72X10	AE6873E0	NOK	470543	AE7872E0	NOK	17X35X7	AEE728-A0	NOK	710268
AE30471	JOHND	471760	AE6873E0	NOK	470543	AE7925E	NOK	473196	AEE752A0	NOK	85X130X13
AE3103E	NOK	1984	AE6873E0	NOK	474272 <sup>28,29</sup>	AE7925E0	NOK	473196	AEE920A0	NOK	50X90X10
AE3148F	NOK	225875	AE6901E	NOK	710396	AE7939E	NOK	350414	AEE984A0	NOK	50X65X8 <sup>28</sup>
AE3148-F1	NOK	225875	AE6922E	NOK	471733	AE7939E0	NOK	472311	AEK3003	DENCO	473224 <sup>28</sup>
AE318E	NOK	6863S	AE6922E0	NOK	471733	AE7939E0	NOK	350414	AE09524	MASSE	450352
AE3290E	NOK	62X80X10	AE7103E	NOK	204020	AE8004E	NOK	351487	AE09524	MASSE	472164 <sup>28</sup>
AE3290E0	NOK	62X80X10	AE7103E	NOK	204505 <sup>29</sup>	AE8004E0	NOK	351487	AER01889	AVCO	471549 <sup>28</sup>
AE3290E2	NOK	62X80X10	AE7126E	NOK	472658	AE8013E	NOK	471076	AER01956	AVCO	470027
AE3297A0	NOK	226285	AE7126E	NOK	473197	AE8013E0	NOK	471076	AER01956	AVCO	471554 <sup>28</sup>
AE3297A0	NOK	62X85X8 <sup>28</sup>	AE7126E0	NOK	472658	AE8073E	NOK	415082	AER01959	AVCO	450342
AE3375E	NOK	710277	AE7126E0	NOK	473197 <sup>28,29</sup>	AE8073E0	NOK	415082	AER01959B	AVCO	450342
AE3375-E0	NOK	710277	AE7139E	NOK	415001	AE8326E	NOK	221540	AER0583D	AVCO	455022
AE3400A0	NOK	65X88X10	AE7139E0	NOK	415001 <sup>28</sup>	AE8364E	NOK	471570	AERO6100	AVCO	450173
AE3400A0	NOK	65X88X8 <sup>28</sup>	AE7145E1	NOK	472681	AE8364E0	NOK	471570 <sup>28</sup>	AEX38757	GMC	471231 <sup>28</sup>
AE3409A0	NOK	226530	AE7145E1	NOK	473259 <sup>28,29</sup>	AE8379E	NOK	224250	AF0103E	NOK	340826
AE3409Q0	NOK	65X90X10	AE7150E	NOK	473427	AE8379E0	NOK	42X62X8	AF0103E0	NOK	340826
AE3409Q0	NOK	65X90X10	AE7150E0	NOK	473427	AE8379E0	NOK	224250	AF0222E	NOK	311189
AE3519A0	NOK	227045	AE7175E	NOK	471192	AE8379-E0	NOK	224250	AF0222E0	NOK	311189
AE3519A2	NOK	70X92X12	AE7175E0	NOK	471192	AE8379-E0	NOK	42X62X8 <sup>28</sup>	AF0226E0	NOK	350156
AE3521E	NOK	227045	AE7333G	NOK	50X65X8	AE8427E	NOK	471766	AF0226E0	NOK	350156 <sup>29</sup>
AE3521E0	NOK	227045	AE7333G0	NOK	50X65X8 <sup>28</sup>	AE8427E0	NOK	471766 <sup>28</sup>	AF0369E	NOK	12X22X7 <sup>28</sup>
AE3611E	NOK	75X95X10	AE7431E	NOK	416154	AE8441E	NOK	323133	AF0369E0	NOK	12X22X7 <sup>28</sup>
AE3611E0	NOK	75X95X10	AE7431E0	NOK	416154 <sup>28</sup>	AE8441E0	NOK	323133	AF0433E	NOK	342805
AE3611E0	NOK	75X95X10	AE7617E	NOK	471529	AE8444E	NOK	17X27X7	AF0433E0	NOK	342805
AE3618A0	NOK	227550	AE7617E0	NOK	471529	AE8444E0	NOK	17X27X7	AF0437G	NOK	43095S <sup>28</sup>
AE3618A0	NOK	75X100X12	AE7642E	NOK	471612	AE8472E	NOK	30X62X7	AF0437G0	NOK	43095S <sup>28</sup>
AE3618A0	NOK	75X100X12	AE7642E0	NOK	471612	AE8472E0	NOK	30X62X7	AF0544E	NOK	472705
AE3733G	NOK	80X100X10	AE7644E	NOK	471549	AE8548E	NOK	474278	AF0544E0	NOK	472705 <sup>28</sup>
AE3733G0	NOK	80X100X10	AE7644E	NOK	472467	AE8548-E0	NOK	474278 <sup>28</sup>	AF0633E	NOK	340849
AE3733G0	NOK	80X100X10	AE7644E0	NOK	471549 <sup>28</sup>	AE8558E	NOK	472238	AF0636E	NOK	7399S
AE3744A0	NOK	228020	AE7644E0	NOK	472467	AE8558E0	NOK	472238 <sup>29</sup>	AF0636E0	NOK	7399S <sup>28</sup>
AE37476	JOHND	415449 <sup>28</sup>	AE7646E	NOK	472649	AE8798F	NOK	224250	AF0654E	NOK	41264S
AE37477	JOHND	471831 <sup>28</sup>	AE7646E0	NOK	472649	AE8798-F0	NOK	224250	AF0654E0	NOK	41264S
AE3786E	NOK	228480	AE7655E	NOK	75X115X12	AE8798G	NOK	224250	AF0741F	NOK	17X30X7
AE3786E	NOK	82X105X13	AE7655E0	NOK	75X115X12	AE8798-G0	NOK	224250	AF0749E1	NOK	17X32X7 <sup>28</sup>
AE3786-E0	NOK	228480	AE7660E	NOK	65X100X10	AE8903E	NOK	7214	AF0770E	NOK	17X40X7
AE3842A0	NOK	228520	AE7660E0	NOK	65X100X10	AE8903E0	NOK	7214	AF0770E0	NOK	17X40X7
AE3932A0	NOK	90X115X12	AE7676E	NOK	473490	AEA9239A	FAIRB	471442 <sup>28</sup>	AF0888F	NOK	312518
AE4007E	NOK	95X130X12	AE7676E0	NOK	473490	AEC621	LEYLD	471195 <sup>28</sup>	AF0888F0	NOK	312518 <sup>28</sup>
AE4007E0	NOK	95X130X12	AE7694E	NOK	350974	AEC621	LEYLD	481195	AF09-10-602	MAZDA	710550
AE4007E0	NOK	95X130X12	AE7694E0	NOK	350974 <sup>28</sup>	AEE052A0	NOK	40X55X8	AF1035E	NOK	20X42X10
AE4054P	NOK	100X120X12	AE7698E	NOK	471498	AEE060A0	NOK	20X35X7 <sup>28</sup>	AF1035E	NOK	20X42X7
AE4054P0	NOK	100X120X12 <sup>29</sup>	AE7698E0	NOK	471498	AEE128A0	NOK	35X47X7 <sup>28</sup>	AF1035E	NOK	222060
AE4054P0	NOK	231004	AE7705E	NOK	470806	AEE159A0	NOK	25X40X7 <sup>28</sup>	AF1035E0	NOK	20X42X10
AE4063A	NOK	100X125X12	AE7705E0	NOK	470806 <sup>29</sup>	AEE212A0	NOK	42X60X7 <sup>28</sup>	AF1035E0	NOK	20X42X10
			AE7708E	NOK	471276	AEE279A0	NOK	85X110X12	AF1035E0	NOK	20X42X7

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AF1035E0	NOK	222060	AF2284E	NOK	203013	AF316R	JOHND	417181 <sup>28</sup>	AF8374E0	NOK	203020
AF1075E	NOK	471645	AF2284E0	NOK	203013	AF3171F	NOK	442874	AF8389E	NOK	8430S
AF1075E0	NOK	471645 <sup>29</sup>	AF2284F	NOK	204013	AF3171F0	NOK	442874	AF8389E0	NOK	8430S
AF1124E	NOK	22X35X7	AF2284F0	NOK	204013	AF3240E	NOK	60X90X8	AF8413E	NOK	8974S
AF1124E0	NOK	22X35X7	AF2285E	NOK	204013	AF3240E0	NOK	60X90X8	AF8413E0	NOK	8974S
AF1155R	JOHND	410312N	AF2285F	NOK	203013	AF3614E	NOK	75X100X12	AF8418E	NOK	476838
AF1156R	JOHND	415458 <sup>28</sup>	AF2285F0	NOK	203013	AF3614E0	NOK	75X100X12	AF8418E0	NOK	476838 <sup>28</sup>
AF1156R	JOHND	455003	AF2285G	NOK	204013	<sup>28</sup>			AF8426E	NOK	441319
AF1177E	NOK	7014S	AF2285G0	NOK	204013	AF3729E	NOK	228010	AF8426-E0	NOK	441319
AF1177E0	NOK	7014S	AF2340F	NOK	40X52X7	AF3729E	NOK	80X100X10	AF8495E	NOK	41461S
AF1178E	NOK	7014S	AF2340F0	NOK	40X52X7 <sup>28</sup>	<sup>28</sup>			AF8495E0	NOK	41461S
AF1178E0	NOK	7014S	AF2399E	NOK	224100	AF3729E0	NOK	80X100X10	AF8496E	NOK	291099
AF1190A	FORD	6815	AF2399E	NOK	40X65X10	<sup>28</sup>			AF8496E0	NOK	291099
AF1190A1	FORD	6815	<sup>28</sup>			AF545R	JOHND	472185 <sup>28</sup>	AF8521E	NOK	342517
AF1190A2	FORD	6815	AF2458F	NOK	204017	AF7103E1	NOK	204020	AF8521E0	NOK	342517
AF1399E	NOK	240731	AF2458F0	NOK	204017	AF7103E1	NOK	204505 <sup>28</sup>	AF8522E	NOK	1987
AF1399E0	NOK	240731	AF2480E	NOK	42X55X8	AF7133E	NOK	204029	AF8522-E0	NOK	1987
AF1473E	NOK	26X42X10	AF2480E0	NOK	42X55X8 <sup>28</sup>	AF7133E	NOK	204507	AF8534E	NOK	340850
AF1576R	JOHND	330385 <sup>28</sup>	AF2533E	NOK	40154S	AF7133E0	NOK	204029	AF8534E0	NOK	340850
AF1588F	NOK	340835	AF2533E0	NOK	40154S	AF7133E0	NOK	204507 <sup>28</sup>	AF8713E	NOK	204020
AF1588F0	NOK	340835	AF2535E	NOK	440265	AF7172E	NOK	440972	AF8713E0	NOK	204505
AF1591E	NOK	312140	AF2535E0	NOK	440265	AF7172-E1	NOK	440972	AF8713E0	NOK	204020
AF1591E0	NOK	312140	AF2548E	NOK	442251	AF7276E	NOK	291099	AF8713E0	NOK	204505 <sup>28</sup>
AF1609E	NOK	203020	AF2548-E0	NOK	442251	AF7276E0	NOK	291099	AF8729E	NOK	343104
AF1609E0	NOK	203020	AF2592E	NOK	205015	AF7286E	NOK	7840S	AF8729E0	NOK	343104
AF1616E	NOK	203003	AF2592E0	NOK	205015	AF7286E0	NOK	7840S	AF8741E	NOK	6545
AF1616E0	NOK	203003	AF2597E	NOK	204038	AF7380E	NOK	473229 <sup>28</sup>	AF8741E0	NOK	6545
AF1663E	NOK	30X42X7	AF2597E0	NOK	204038	AF7386E	NOK	340827	AF8782E	NOK	351487
AF1663E0	NOK	30X42X7 <sup>28</sup>	AF2640E	NOK	224520	AF7386E0	NOK	340827	AF8782E0	NOK	351487
AF1703E	NOK	30X50X7	AF2640E	NOK	45X60X10	AF7593E	JOHND	204008	AF8933E	NOK	7934S
AF1778E	NOK	40162S	AF2640E0	NOK	224520	AF7593E	NOK	203008	AF8933E0	NOK	7934S
AF1778E0	NOK	40162S	AF2640E0	NOK	45X60X10	AF7593E0	NOK	203008	AF8934E	NOK	9015S
AF1789E	NOK	441319	<sup>28</sup>			AF7599E	NOK	481481	AF8934E0	NOK	9015S
AF1789-E0	NOK	441319	AF2643R	JOHND	450441	AF7599E0	NOK	481481	AF9155E	NOK	8975S
AF1790E	NOK	441319	AF2643R	JOHND	471341 <sup>28</sup>	AF7604F	NOK	204005	AF9155E0	NOK	8975S
AF1790-E0	NOK	441319	AF2655E	NOK	1992	AF7604F0	NOK	204005	AFF133A0	NOK	45X65X8 <sup>28</sup>
AF1815G	NOK	343186	AF2655E	NOK	45X65X8	AF77047A	FORD	471652	AFS1180	EL-WH	204035
AF1815G0	NOK	343186	AF2655E0	NOK	1992	AF77047A	FORD	482208 <sup>28</sup>	AFS1180E	EL-WH	204035
AF1826E	NOK	40140S	AF2655E0	NOK	45X65X8 <sup>28</sup>	AF77047A2	FORD	471652	AFS2130P	EL-WH	204038
AF1826E0	NOK	40140S	AF2659	JOHND	415035	AF77047A3	FORD	471652	AFS2782	EL-WH	204013
AF1836F	NOK	203029	AF2659	JOHND	415953	AF7863E	NOK	3095	AFS3549A	EL-WH	41461S
AF1836F0	NOK	203029	AF2659R	JOHND	415035	AF7863E0	NOK	3095	AFWS110B	BORGW	40337S
AF1837E	NOK	204029	AF2659R	JOHND	415953	AF7936E	NOK	340356	AFX43053	JOHND	472185 <sup>28</sup>
AF1837E	NOK	204507	AF2749E	NOK	441853	AF7936E0	NOK	340356	AG0102E	NOK	340826
AF1837E0	NOK	204029	AF2749E0	NOK	441853	AF8005E	NOK	342517	AG0102E0	NOK	340826
AF1837E0	NOK	204507 <sup>28</sup>	AF2772E	NOK	48X62X8	AF8005E0	NOK	342517	AG0103E	NOK	340826
AF1925	JOHND	471224 <sup>28</sup>	AF2772E0	NOK	48X62X8 <sup>28</sup>	AF8021E	NOK	41075S	AG0103E0	NOK	340826
AF1934R	JOHND	323138 <sup>28</sup>	AF2788R	JOHND	474276 <sup>28</sup>	AF8021E0	NOK	41075S	AG0204A	NOK	9X22X7
AF2018F	NOK	42763	AF2861E	NOK	50X72X8	AF8057E	NOK	204038	AG0204A0	NOK	9X22X7
AF2018F0	NOK	42763	AF2861E0	NOK	50X72X8 <sup>28</sup>	AF8057E0	NOK	204038	AG0213E0	NOK	340385
AF2033E	NOK	35X45X7	AF2911R	JOHND	472826 <sup>28</sup>	AF8063E	NOK	204035	AG0220E1	NOK	340827
AF2135R	JOHND	471442 <sup>28</sup>	AF2920R	JOHND	474276 <sup>28</sup>	AF8063E0	NOK	204035	AG0324E	NOK	343101
AF2221W	NOK	1196	AF2936E	NOK	473463	AF8088E	NOK	45X62X8	AG0324E0	NOK	343101
AF2221-W0	NOK	1196	AF2993F	NOK	40566S	AF8088E0	NOK	45X62X8 <sup>28</sup>	AG0369E	NOK	12X22X7 <sup>28</sup>
AF2264F	NOK	343099	AF2993F0	NOK	40566S	AF8088F	NOK	494122	AG0369E0	NOK	12X22X7 <sup>28</sup>
AF2264F0	NOK	343099	AF3034E	NOK	55X70X8 <sup>28</sup>	AF8224E	NOK	340900	AG0433H0	NOK	342805
AF2272E	NOK	480630	AF3034E0	NOK	55X70X8 <sup>28</sup>	AF8224E0	NOK	340900	AG04330	NOK	342805
AF2272E	NOK	480991	AF3134E	NOK	442109	AF8225E	NOK	41461S	AG0437E	NOK	340847
AF2272E0	NOK	480630 <sup>28</sup>	AF3135G	NOK	442109	AF8225E0	NOK	41461S	AG0437E0	NOK	340847
AF2272E0	NOK	480991	AF3135G1	NOK	442109	AF8374E	NOK	203020	AG0443E	NOK	342613

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AG0443E0	NOK	342613 <sup>28</sup>	AG2458E	NOK	473117	AG8372E	NOK	471633	AH1292H	NOK	712007
AG0456E	NOK	471526	AG2458E0	NOK	473117	AG8372E0	NOK	471633 <sup>28</sup>	AH1292-H0	NOK	712007
AG0456E0	NOK	471526 <sup>28</sup>	AG2515W	NOK	224270	AG8409E	NOK	342613	AH1292J	NOK	712007
AG0514E	NOK	14X24X7	AG2515W0	NOK	224270	AG8409E0	NOK	342613 <sup>28</sup>	AH1292-J0	NOK	712007
AG0514E0	NOK	14X24X7	AG2515W0 <sup>28</sup>	NOK	42X72X10	AG8483E	NOK	42X62X8	AH1292P	NOK	712007
AG0596A0	NOK	15X30X7	AG2538Y	NOK	1183	AG8483E0	NOK	42X62X8 <sup>28</sup>	AH1292-P0	NOK	712007
AG0645E	NOK	340009S	AG2538Y0	NOK	1183	AG8550E	NOK	1943	AH1302F	NOK	25X37X7
AG0645E0	NOK	340009S	AG2580F	NOK	7486S	AG8550F	NOK	1943	AH1302F0	NOK	25X37X7 <sup>28</sup>
AG0686A	NOK	16X30X7	AG2580F0	NOK	7486S	AG8550F0	NOK	1943	AH1314F	NOK	222540
AG0743E	NOK	17X30X7	AG2640E	NOK	224520	AG8551E	NOK	494117	AH1314F	NOK	25X40X7
AG0743E0	NOK	17X30X7	AG2640E	NOK	45X60X10	AG8756E	NOK	340849	AH1314-F0	NOK	25X40X7 <sup>28</sup>
AG0757A	NOK	17X35X7	AG2640E0	NOK	224520	AG8756E0	NOK	340849	AH14076	JOHND	471192
AG0757A0	NOK	17X35X7	AG2640E0	NOK	45X60X10	AG8796E	NOK	3395	AH14080	JOHND	240736
AG0802E	NOK	710222	AG2640E0 <sup>28</sup>	NOK	45X60X10	AG8796E0	NOK	3395	AH14219	JOHND	471689 <sup>28</sup>
AG0802E0	NOK	710222	AG2649A0	NOK	45X62X8 <sup>28</sup>	AG8936E	NOK	340930	AH1467E	NOK	710816
AG0888G	NOK	312518	AG2772Y	NOK	1188	AG8936E0	NOK	340930	AH1467-E0	NOK	710816
AG0888G0	NOK	312518 <sup>28</sup>	AG2772Y0	NOK	1188	AG-JB230	CONTI	471529	AH15048	JOHND	471760
AG1035E	NOK	20X42X10	AG2772Y0	NOK	48X62X8 <sup>28</sup>	AGX49415	JOHND	340400	AH1508E	NOK	712009
AG1035E0	NOK	20X42X10	AG2775G	NOK	1956	AGX82378A	JOHND	410312N	AH1508-E0	NOK	712009
AG1169E	NOK	240733	AG2775G0	NOK	1956	AGX82379A	JOHND	415458 <sup>28</sup>	AH1512E	NOK	1990
AG1169E0	NOK	240733	AG2775-H0	NOK	1956	AGX82379A	JOHND	455003	AH1512E0	NOK	1990
AG1171E	NOK	340850	AG2775H	NOK	1956	AGX96442	JOHND	340151	AH1512F	NOK	1990
AG1171E0	NOK	340850	AG2775-H0	NOK	1956	AGX97454	JOHND	471466 <sup>28</sup>	AH1512-F0	NOK	1990
AG1173E	NOK	340483	AG2775Y	NOK	1956	AGY16W	JOHND	470163	AH1512J	NOK	1990
AG1173E0	NOK	340483	AG2775-Y0	NOK	1956	AGY16W	JOHND	471766 <sup>28</sup>	AH1512J0	NOK	223535
AG1179F	NOK	340413	AG2775-Y0	NOK	48X62X8 <sup>28</sup>	AH0687E	NOK	16X30X7	AH1512K	NOK	1990
AG1179F0	NOK	340413	AG2776Y0	NOK	48X62X8 <sup>28</sup>	AH0687E	NOK	221620	AH1512K	NOK	222743
AG1473A	NOK	26X42X10	AG3038A0	NOK	55X72X8 <sup>28</sup>	AH0687E0	NOK	16X30X7	AH1512-K0	NOK	222743
AG1517A	NOK	27X47X10	AG3151E	NOK	58X80X8	AH0736F	NOK	17X28X7	AH1513F	NOK	222745
AG1535E	NOK	28X40X7	AG3151E0	NOK	58X80X8	AH0736F	NOK	221710	AH1513F	NOK	27X45X8 <sup>28</sup>
AG1535E0	NOK	28X40X7 <sup>28</sup>	AG3398A0	NOK	65X88X10	AH0736-F0	NOK	17X28X7 <sup>28</sup>	AH1513-F0	NOK	222745
AG1588E	NOK	340835	AG3398A0	NOK	65X88X8 <sup>28</sup>	AH0736-F0	NOK	221710	AH15256	JOHND	340136
AG1588E0	NOK	340835	AG3503E	NOK	70X88X8	AH0736G	NOK	221710	AH1538G	NOK	222820
AG1593F	NOK	1037	AG3503E0	NOK	70X88X8 <sup>28</sup>	AH0736-G0	NOK	221710	AH1538G0	NOK	222820
AG1593F0	NOK	1037	AG3505E	NOK	70X88X8	AH0736H	NOK	16X28X7 <sup>28</sup>	AH1538H	NOK	222820
AG1608E	NOK	323133	AG3505E0	NOK	70X88X8 <sup>28</sup>	AH0736H	NOK	221710	AH1538-H0	NOK	222820
AG1608E0	NOK	323133	AG3516A0	NOK	70X92X12	AH0736-H0	NOK	221710	AH1538P0	NOK	28X40X7 <sup>28</sup>
AG1703A	NOK	30X50X7	AG3739A0	NOK	80X105X13	AH0736I	NOK	221710	AH1544E	NOK	712008
AG1815E	NOK	343186	AG3739A0 <sup>28</sup>	NOK	80X105X13	AH0815E	NOK	221820	AH1544-E0	NOK	712008
AG1815E0	NOK	343186	AG3839A0	NOK	85X110X12	AH0815E0	NOK	221820	AH1544F	NOK	712008
AG1862E	NOK	32X42X8	AG3990E	NOK	95X120X12	AH0816E	NOK	221820	AH1544-F0	NOK	712008
AG1862E0	NOK	32X42X8 <sup>28</sup>	AG3990E0	NOK	95X120X12	AH0816-E0	NOK	18X30X7 <sup>28</sup>	AH1558H	NOK	222860
AG2039F	NOK	35X47X7	AG3990E0 <sup>28</sup>	NOK	95X120X12	AH0816-E0	NOK	221820	AH1558-H0	NOK	222860
AG2039F0	NOK	35X47X7 <sup>28</sup>	AG4059E	NOK	100X125X12	AH0875A	NOK	710445	AH1558P	NOK	222860
AG213E	NOK	340385	AG4059E0	NOK	100X125X12 <sup>29</sup>	AH0875-A0	NOK	710445 <sup>29</sup>	AH1558-P0	NOK	222860
AG2225F	NOK	1174	AG6759A0	NOK	28X48X8 <sup>28</sup>	AH0984E	NOK	222025 <sup>28</sup>	AH16581	JOHND	470358
AG2225F0	NOK	1174	AG6799Y0	NOK	1974	AH0984F	NOK	222025	AH16581	JOHND	473231
AG2272E	NOK	7537S	AG6900E	NOK	7537S	AH0984-F0	NOK	222025	AH16581H	JOHND	473231 <sup>28</sup>
AG2272E0	NOK	7537S	AG6900E0	NOK	7537S	AH0984G	NOK	222025 <sup>28</sup>	AH1665E	NOK	223010
AG2340E	NOK	224015	AG7148E	NOK	15X25X6	AH10466	JOHND	456744N	AH1665-E0	NOK	223010
AG2340E0	NOK	224015	AG7148E0	NOK	15X25X6	AH10888	JOHND	8792S	AH1665 K	NOK	223010
AG2340E0	NOK	40X52X7 <sup>28</sup>	AG7386E	NOK	340827	AH11966	JOHND	473443	AH1665- K0	NOK	223010
AG2341E	NOK	40X52X7	AG7386E0	NOK	340827	AH11966	JOHND	474274	AH1671P	NOK	223012
AG2341E0	NOK	40X52X7 <sup>28</sup>	AG7756E	NOK	340387	AH1260E	NOK	24X40X7	AH1671-P0	NOK	223012
AG2386F	NOK	224045	AG7756E0	NOK	340387	AH1260E0	NOK	24X40X7 <sup>28</sup>	AH1673F	NOK	30X44X7
AG2386F0	NOK	224045	AG7927E	NOK	340826	AH1260G	NOK	222540	AH1673F0	NOK	30X44X7 <sup>28</sup>
AG2399E	NOK	224100	AG7927E0	NOK	340826	AH1260G	NOK	25X40X7 <sup>28</sup>	AH1679N0	NOK	30X45X8 <sup>28</sup>
AG2399E0	NOK	40X65X10				AH1260G0	NOK	222540	AH1680F	NOK	1981
						AH1292F	NOK	712007	AH1680-F0	NOK	1981
						AH1292-F0	NOK	712007	AH1688E	NOK	223018

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AH1688E0	NOK	223018	AH2060-E0	NOK	3771	AH2200-E0	NOK	710259	AH2365-H0	NOK	710598
AH1688F	NOK	223018	AH2060G	NOK	3771	AH2201F	NOK	1177	AH2369G	NOK	3459
AH1688F0	NOK	223018	AH2060-G0	NOK	3771	AH2216E	NOK	223802	AH2369R	NOK	710678
AH1706	NOK	30X50X7	AH2060W	NOK	710324	AH2216E	NOK	38X50X7	AH2369-R0	NOK	710678
AH1706E	NOK	223051	AH2060-W0	NOK	710324	AH2216-E0	NOK	223802	AH2386G	NOK	40X62X8 <sup>28</sup>
AH1706-E0	NOK	223051	AH2060Y	NOK	3771	AH2216-E0	NOK	38X50X7 <sup>28</sup>	AH2414E	NOK	224068
AH1706F	NOK	223050	AH2060-Y0	NOK	3771	AH2217E	NOK	223801	AH2414-E0	NOK	224068
AH1706-F0	NOK	223050	AH2077F	NOK	35X54X8	AH2217-E0	NOK	223801	AH2426E	NOK	712011
AH1706G	NOK	223051	AH2077F	NOK	710331	AH2218E	NOK	223802	AH2426-E0	NOK	712011
AH1706-G0	NOK	223051	AH2077-F0	NOK	35X54X8 <sup>28</sup>	AH2218E	NOK	38X50X7	AH2444F	NOK	41X56X7
AH1706H	NOK	223050	AH2077-F0	NOK	710331	AH2218E0	NOK	223802	AH2444F	NOK	711181
AH1706-H0	NOK	223050	AH2077G	NOK	710331	AH2218E0	NOK	38X50X7 <sup>28</sup>	AH2444-F0	NOK	41X56X7 <sup>28</sup>
AH17256	JOHND	451857	AH2077-G0	NOK	710331	AH2218L	NOK	223801	AH2444-F0	NOK	711181
AH17911	JOHND	470331N	AH2077H	NOK	710331	AH2218-L0	NOK	223801	AH2480E	NOK	710620
AH1880G	NOK	223230	AH2077-H0	NOK	710331	AH2219E	NOK	223802	AH2480-E0	NOK	710620
AH1880-G0	NOK	223230	AH2077I	NOK	710197	AH2219E0	NOK	223802	AH2480F	NOK	710620
AH1880H	NOK	223230	AH2077L	NOK	710217	AH2231G	NOK	223831	AH2480-F0	NOK	710620
AH1880-H0	NOK	223230	AH2077-L0	NOK	710217	AH2231-G0	NOK	223831	AH2483E	NOK	224205
AH1888E	NOK	32X47X7	AH2083E	NOK	223540	AH2231P	NOK	223830	AH2483E	NOK	42X55X8
AH1888E	NOK	710310	AH2083G	NOK	223540	AH2231-P0	NOK	223830	AH2483E0	NOK	224205
AH1888-E0	NOK	32X47X7 <sup>28</sup>	AH2083G	NOK	35X55X11	AH2231-P0	NOK	38X55X7 <sup>28</sup>	AH2483E0	NOK	42X55X8 <sup>28</sup>
AH1888-E0	NOK	710310	AH2083G	NOK	35X55X8 <sup>28</sup>	AH2240H	NOK	710319	AH2484E	NOK	710719
AH1893E	NOK	223240	AH2083G0	NOK	35X55X11	AH2240-H0	NOK	710319	AH2484-E0	NOK	710719
AH1893E	NOK	32X48X8 <sup>28</sup>	AH2083G0	NOK	35X55X11	AH2240I	NOK	710319	AH2486F	NOK	42X56X7
AH1893E0	NOK	223240	AH2083H	NOK	710806	AH2240-I0	NOK	710319	AH2486F	NOK	494117
AH1895E	NOK	710317	AH2083-H0	NOK	710806	AH2240J	NOK	223840	AH2486F0	NOK	42X56X7 <sup>28</sup>
AH1895-E0	NOK	710317	AH2085G	NOK	223542	AH2240J0	NOK	38X58X8 <sup>28</sup>	AH2492E	NOK	1953
AH1904F	NOK	710306	AH2085G	NOK	35X55X11	AH2245F	NOK	38X60X10	AH2492E0	NOK	1953
AH1904-F0	NOK	710306	AH2085G0	NOK	223542	AH2245F0	NOK	38X60X10	AH2492G	NOK	2025
AH1904G	NOK	710306	AH2093F	NOK	2007N	AH2249G	NOK	710721	AH2492G0	NOK	2025
AH1904-G0	NOK	710306	AH2093-F1	NOK	2007N	AH2249-G0	NOK	710721	AH2492I	NOK	1953
AH19415	JOHND	200763	AH2093G	NOK	2007N	AH2261-E0	NOK	38X74X8	AH2492I0	NOK	1953
AH1968F	NOK	223420	AH2093G	NOK	35X56X10	AH2261EO	NOK	38X74X8 <sup>28</sup>	AH2492J	NOK	1953
AH1968F0	NOK	223420	AH2093G0	NOK	2007N	AH2261H	NOK	710823	AH2492J0	NOK	1953
AH1968G	NOK	223420	AH2093G0	NOK	35X56X10	AH2261-H0	NOK	710823	AH2492N	NOK	2025
AH1968G0	NOK	223420	AH2093G0	NOK	35X56X10	AH2304-H0	NOK	710318	AH2492-N0	NOK	2025
AH1968I	NOK	223420	AH2093H0	NOK	2007N	AH2304P0	NOK	223840	AH2493F	NOK	2025
AH1968-I0	NOK	223420	AH2093I	NOK	710315	AH2341E	NOK	1217	AH2493G	NOK	42X60X7
AH1986G	NOK	223420	AH2093-I0	NOK	710315	AH2341E	NOK	710308	AH2493G0	NOK	42X60X7 <sup>28</sup>
AH2057J	NOK	713771	AH2096E	NOK	710666	AH2341E0	NOK	1217 <sup>29</sup>	AH2493P	NOK	2025
AH2057J0	NOK	713771	AH2096-E0	NOK	710666	AH2341-E0	NOK	710308	AH2493P0	NOK	2025
AH2057P	NOK	35X50X8 <sup>28</sup>	AH2134F	NOK	1173	AH2342E	NOK	224052	AH2507P	NOK	417494
AH2057P	NOK	3771	AH2134-F0	NOK	1173	AH2342-E0	NOK	224052	AH2507P0	NOK	417494
AH2057-P0	NOK	3771	AH2134L	NOK	710592	AH2342-F0	NOK	224052	AH2520G	NOK	710195
AH2057Q	NOK	3771	AH2134-L0	NOK	710592	AH2342-F0	NOK	224052	AH2520-G0	NOK	710195
AH2057-Q0	NOK	3771	AH2134N	NOK	710592	AH2342G	NOK	224053	AH2520I	NOK	710195
AH2057R	NOK	3771	AH2134-N0	NOK	710592	AH2342-G0	NOK	224053	AH2520-I0	NOK	710195
AH2057-R0	NOK	3771	AH2136E	NOK	710336	AH2358G	NOK	473677	AH2520-K	NOK	710245
AH2058E	NOK	710739	AH2136-E0	NOK	710336	AH2358-G0	NOK	473677	AH2520-K0	NOK	710245
AH2058-E0	NOK	710739	AH2136F	NOK	710336	AH2358J	NOK	711005	AH25329	JOHND	43290S
AH2058F	NOK	710724	AH2136-F0	NOK	710336	AH2358-J0	NOK	711005	AH2554F	NOK	224460
AH2058-F0	NOK	710724	AH2136G	NOK	223580	AH2359P	NOK	224020	AH2554-F0	NOK	224460
AH2058G	NOK	710724	AH2136-G0	NOK	223580	AH2359P0	NOK	224020	AH2554G	NOK	224460
AH2058-G0	NOK	710724	AH2145F	NOK	1147	AH2359P0	NOK	40X55X8 <sup>28</sup>	AH2554-G0	NOK	224460
AH2058H	NOK	710739	AH2145F0	NOK	1147	AH2361E	NOK	224020	AH2554H	NOK	224460
AH2058-H0	NOK	710739	AH2145G	NOK	1147	AH2361E0	NOK	224020	AH2554-H0	NOK	224460
AH2060E	NOK	35X50X8	AH2145G0	NOK	1147	AH2365E	NOK	224026	AH2554J	NOK	224460
AH2060E	NOK	3771	AH21815	JOHND	472258 <sup>28</sup>	AH2365-E0	NOK	224026	AH2554P	NOK	224460
AH2060-E0	NOK	35X50X8 <sup>28</sup>	AH2200E	NOK	710259	AH2365H	NOK	710598	AH2554-P0	NOK	224460

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AH2560F	NOK	224464	AH2864G	NOK	50X72X8	AH3732G	NOK	228009	AH7288-E0	NOK	712011
AH2560F	NOK	44X62X8	AH2864-G0	NOK	225040	AH3732G0	NOK	228009	AH7288H	NOK	712011
AH2560F0	NOK	44X62X8 <sup>28</sup>	AH2864-G0	NOK	50X72X8 <sup>28</sup>	AH3732I0	NOK	228009	AH7288L	NOK	710591
AH2564Y0	NOK	224465	AH2921E	NOK	8316	AH3732J	NOK	228009	AH7288-L0	NOK	710591
AH2584Q	NOK	710957	AH2921-E0	NOK	8316	AH3732J0	NOK	228009	AH7288M	NOK	710670
AH2584-Q0	NOK	710957	AH2921P	NOK	8316	AH3732L0	NOK	228015	AH7288-M0	NOK	710670
AH2651F	NOK	45X62X8	AH2921-P0	NOK	8316	AH3732M	NOK	228009	AH7341E	NOK	710008
AH2651F0	NOK	45X62X8 <sup>28</sup>	AH2961E	NOK	52X72X8	AH3732-M0	NOK	228009	AH7343E	NOK	710006
AH2668I	NOK	710345	AH2961E0	NOK	52X72X8 <sup>28</sup>	AH3732N	NOK	228009	AH7343E0	NOK	710006
AH2668-I0	NOK	710345	AH2961G	NOK	710777	AH3732N0	NOK	228009	AH7344E	NOK	711553
AH2668J	NOK	710345	AH2961-G0	NOK	710777	AH3733Q	NOK	228010	AH75295	JOHND	310841
AH2668-J0	NOK	710345	AH3050Q	NOK	227020	AH3733Q0	NOK	228009	AH75296	JOHND	471808 <sup>28</sup>
AH2668Y	NOK	710345	AH3050Q	NOK	70X88X8 <sup>28</sup>	AH3733R0	NOK	228010	AH7592E	NOK	2942
AH2668-Y0	NOK	710345	AH3187E	NOK	710740	AH3733R0	NOK	80X100X10	AH7592E0	NOK	2942
AH2677E	NOK	710665	AH3187-E0	NOK	710740	AH3734E	NOK	228010	AH76193	JOHND	473237 <sup>28</sup>
AH2677-E0	NOK	710665	AH3222F	NOK	712006	AH3734E	NOK	80X100X10	AH7622F	NOK	3393
AH2685F	NOK	224570	AH3222-F0	NOK	712006	AH3734-E0	NOK	228010	AH7622F0	NOK	3393
AH2685F	NOK	45X72X7	AH3222G	NOK	712006	AH3734-E0	NOK	80X100X10	AH7689E	NOK	350609
AH2685-F0	NOK	224570	AH3222-G0	NOK	712006	AH3734-E0	NOK	80X100X10	AH7689-E0	NOK	350609
AH2685G	NOK	224570	AH3222-Q0	NOK	712006	AH3744Q	NOK	228020	AH7689J	NOK	350609
AH2685G0	NOK	224570	AH3340E	NOK	710199	AH3744-Q0	NOK	228020	AH7689-J0	NOK	350609
AH2685H	NOK	224570	AH3502P0	NOK	1019	AH3786E	NOK	228480	AH7743E	NOK	222742
AH2685-H0	NOK	224570	AH3505Q0	NOK	227020	AH3786E	NOK	82X105X13	AH7743-E0	NOK	222742
AH2691E	NOK	1979	AH3505Q0	NOK	70X88X8 <sup>28</sup>	AH3786-E0	NOK	228480	AH7886F	NOK	320583
AH2691E	NOK	45X75X7	AH3519S	NOK	227045	AH3786-E0	NOK	82X105X13	AH7886-F0	NOK	320583
AH2691E	NOK	710847	AH3560-F	NOK	227235	AH3834H	NOK	710765	AH7897E	NOK	6936S <sup>28</sup>
AH2691-E0	NOK	1979	AH3560F0	NOK	227235	AH3834-H0	NOK	710765	AH7897E	NOK	9845
AH2691-E0	NOK	45X75X7 <sup>28</sup>	AH3560G	NOK	227235	AH3932P1	NOK	90X115X12	AH7897E0	NOK	6936S <sup>28</sup>
AH2691-E0	NOK	710847	AH3560G0	NOK	227235	AH3983F	NOK	5274	AH7897E0	NOK	9845
AH2691F	NOK	710847	AH3560H0	NOK	227235	AH3983-F0	NOK	5274	AH7953E	NOK	710271
AH2691-F0	NOK	710847	AH3560P	NOK	227235	AH3983P	NOK	5274	AH7953P	NOK	710271
AH2691-G	NOK	1979	AH3618E	NOK	227550	AH3983-P0	NOK	5274	AH7953-P0	NOK	710271
AH2691-G0	NOK	1979	AH3618E	NOK	75X100X12	AH583R	JOHND	471344	AH8002E	NOK	332062
AH2786F	NOK	224840	AH3618E0	NOK	227550	AH62279	JOHND	471760	AH8002E0	NOK	332062
AH2786F0	NOK	224840	AH3618E0	NOK	75X100X12	AH62281	JOHND	8998	AH8002E1	NOK	332062
AH2788E	NOK	1994	AH3618E0	NOK	75X100X12	AH633R	JOHND	418028	AH80324	JOHND	473317
AH2788E	NOK	48X70X9 <sup>28</sup>	AH3618-P0	NOK	227550	AH6901E	NOK	35X56X10	AH8045E	NOK	30X45X8 <sup>28</sup>
AH2788E0	NOK	1994	AH3618R0	NOK	227550	AH6901E0	NOK	35X56X10	AH8146E	NOK	710752
AH2788E0	NOK	48X70X9 <sup>28</sup>	AH3724F	NOK	228005	AH6901E0	NOK	35X56X10	AH8146-E0	NOK	710752
AH2788H0	NOK	710313	AH3724-F0	NOK	228005	AH7036F	NOK	221710	AH8165F	NOK	231003
AH2791G	NOK	1994	AH3724G	NOK	228005	AH7036-F0	NOK	221710	AH8165-F0	NOK	231003
AH2791G	NOK	48X70X9 <sup>28</sup>	AH3724G0	NOK	228005	AH7049E	NOK	35X47X7	AH8291Q	NOK	712005
AH2791G0	NOK	1994	AH3724P0	NOK	228005	AH7049E0	NOK	35X47X7 <sup>28</sup>	AH8291Q0	NOK	712005
AH2791G0	NOK	48X70X9 <sup>28</sup>	AH3730E	NOK	228013	AH7142F	NOK	712001	AH8338E	NOK	223235
AH2791G1	NOK	710313	AH3730E	NOK	80X100X10	AH7142-F0	NOK	712001	AH8338E0	NOK	223235
AH2831E	NOK	225005	AH3730-E0	NOK	80X100X10	AH7235E	NOK	222340	AH8338P	NOK	223235
AH2831-E0	NOK	225005	AH3730H	NOK	228013	AH7235-E0	NOK	222340	AH8338P	NOK	32X46X6 <sup>28</sup>
AH2831H	NOK	711038	AH3730-H0	NOK	228013	AH7266F	NOK	717005	AH8338-P0	NOK	223235
AH2831-H0	NOK	711038	AH3730J	NOK	228015	AH7266F0	NOK	717005	AH8338-P1	NOK	223235
AH2837F	NOK	710354	AH3732E	NOK	228009	AH7266P	NOK	717005	AH8339P	NOK	1987
AH2837F	NOK	710354	AH3732E	NOK	228010	AH7266-P0	NOK	717005	AH8339-P0	NOK	1987
AH2837-F0	NOK	710354	AH3732E	NOK	80X100X10	AH7288E	NOK	712011	AH8378E	NOK	223608
AH2847G	NOK	225020	AH3732E0	NOK	228009				AH8378E0	NOK	223608
AH2847-G0	NOK	225020	AH3732E0	NOK	80X100X10				AH8490E	NOK	222655
AH2853G	NOK	710649	AH3732E0	NOK	228009				AH8490E	NOK	26X48X7
AH2853-G0	NOK	710649	AH3732E0	NOK	80X100X10				AH8490E0	NOK	222655
AH2853H	NOK	710649	AH3732E0	NOK	80X100X10				AH8490E0	NOK	26X48X7 <sup>28</sup>
AH2853-H0	NOK	710649	AH3732F	NOK	228015				AH8507F	NOK	710768
AH2854F	NOK	710173	AH3732-F0	NOK	228015				AH8507-F0	NOK	710768
AH2854-F0	NOK	710173							AH8507G	NOK	710768
AH2864G	NOK	225040									

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AH8507-G0	NOK	710768	AJ1177A3	FORD	473228	AM2258T	JOHND	472287 <sup>28</sup>	AMX2146	ALLCH	470543
AH8515E	NOK	223553	AJ1177A3	FORD	51098	AM2446T	JOHND	323138 <sup>28</sup>	AMX2146	ALLCH	474272 <sup>28</sup>
AH8515-E0	NOK	223553	AJ1177A4	FORD	473228	AM253T	JOHND	471192	AMX21859	ALLCH	340771
AH8515F	NOK	223553	AJ1177A4	FORD	51098	AM2553T	JOHND	340853	AMX2262	ALLCH	471646 <sup>28</sup>
AH8515-F0	NOK	223553	AJ1177D3	FORD	9568	AM260T	JOHND	450154	AMX2263	ALLCH	471354 <sup>28</sup>
AH8563E	NOK	8660S	AJ1177F	FORD	9568	AM260T	JOHND	473234	AMX22904	ALLCH	340724 <sup>28</sup>
AH8563E0	NOK	8660S	AJ4676A	FORD	7044NA	AM263	JOHND	470548	AMX23148	ALLCH	472299
AH8655P	NOK	1038	AJ83744	JAGUA	231004	AM263	JOHND	470625 <sup>28</sup>	AMX24126	ALLCH	473463
AH8655-P0	NOK	1038	AJ89510	JAGUA	3909	AM263T	JOHND	470548	AMX24127	ALLCH	473463
AH8656E	NOK	1019	AJX1942A	MASSE	450095	AM263T	JOHND	470625 <sup>28</sup>	AMX24130	ALLCH	471570 <sup>28</sup>
AH8656-E0	NOK	1019	AJX1942A	MASSE	473464 <sup>28</sup>	AM2684T	JOHND	473179 <sup>28</sup>	AMX24131	ALLCH	471192
AH86595	JOHND	450067	AK36310	JOHND	200854	AM268T	JOHND	472924 <sup>28</sup>	AMX24133	ALLCH	411376 <sup>28</sup>
AH86595	JOHND	473228	AK36310K	JOHND	200854	AM2723T	JOHND	410496 <sup>28</sup>	AMX24133	ALLCH	455093
AH86596	JOHND	450070	AK37498	JOHND	40140S	AM2732T	JOHND	410496 <sup>28</sup>	AMX24137	ALLCH	417172
AH86596	JOHND	472185 <sup>28</sup>	AL1395N	JOHND	312140	AM2773T	JOHND	472924 <sup>28</sup>	AMX24138	ALLCH	470059
AH8740F	NOK	223750	AL1794N	JOHND	471344	AM2775T	JOHND	410496 <sup>28</sup>	AMX24138	ALLCH	470380 <sup>28</sup>
AH8740-F0	NOK	223750	AL20027T	JOHND	450194	AM3094	JOHND	712260	AMX25866	ALLCH	450621
AH8740G	NOK	223750	AL20027T	JOHND	473010 <sup>28</sup>	AM3094T	JOHND	712260	AMX2642	ALLCH	470605 <sup>28</sup>
AH8740-G0	NOK	223750	AL20185T	JOHND	470059	AM3572T	JOHND	472144 <sup>28</sup>	AMX281151	ALLCH	450352
AH8740H	NOK	223750	AL20185T	JOHND	470380 <sup>28</sup>	AM381T	JOHND	470120	AMX281151	ALLCH	472164 <sup>28</sup>
AH8740H0	NOK	223750	AL2020T	JOHND	472144 <sup>28</sup>	AM381T	JOHND	471224 <sup>28</sup>	AMX30832	ALLCH	412861
AH8811E	NOK	35X62X7	AL2021T	JOHND	450066	AM727T	JOHND	345035	AMX30920	ALLCH	471801 <sup>28</sup>
AH8811E	NOK	4901	AL2021T	JOHND	473367 <sup>28</sup>	AM878T	JOHND	480479H	AMX31045	ALLCH	473245 <sup>28</sup>
AH8811-E0	NOK	4901	AL2094T	JOHND	471192	AM937T	JOHND	410496 <sup>28</sup>	AMX33653	ALLCH	415027 <sup>28</sup>
AH8846E	NOK	710060	AL2095T	JOHND	450185	AM939T	JOHND	410496 <sup>28</sup>	AMX33653	ALLCH	455027
AH8846-E0	NOK	710060	AL2095T	JOHND	473229	AM965	FMC	450519	AMX336532	ALLCH	416125 <sup>28</sup>
AH8846G	NOK	710060	AL2122T	JOHND	471763	AM965	FMC	471271 <sup>28</sup>	AMX36553	ALLCH	415234 <sup>28</sup>
AH8846-G0	NOK	710060	AL2123T	JOHND	470064	AM965	LK-BT	450519	AMX36817	ALLCH	472144 <sup>28</sup>
AH8846P	NOK	710060	AL2123T	JOHND	471821 <sup>28</sup>	AM965	LK-BT	471271 <sup>28</sup>	AMX368171	ALLCH	472144 <sup>28</sup>
AH8846-P0	NOK	710060	AL2124T	JOHND	450083	AMK772	DENCO	471192	AMX36818	ALLCH	470086
AH8847P	NOK	224025	AL2124T	JOHND	472924 <sup>28</sup>	AMX10783	ALLCH	473473	AMX368181	ALLCH	470086
AHH001A0	NOK	25X38X7 <sup>28</sup>	AL2172T	JOHND	471763	AMX11252	ALLCH	471192	AMX36842	ALLCH	480630 <sup>28</sup>
AHH026A	NOK	30X45X8 <sup>28</sup>	AL2257T	JOHND	471224 <sup>28</sup>	AMX11852	ALLCH	471192	AMX368421	ALLCH	480630 <sup>28</sup>
AHH050A0	NOK	225020	AL2258T	JOHND	470954 <sup>28</sup>	AMX12593	ALLCH	472354 <sup>28</sup>	AMX37257	ALLCH	415234 <sup>28</sup>
AHH050A0	NOK	50X68X8 <sup>28</sup>	AL2258T	JOHND	480954	AMX12593	ALLCH	50395S	AMX372571	ALLCH	415234 <sup>28</sup>
AHH052A	NOK	40X55X8 <sup>28</sup>	AL26537	JOHND	471763	AMX1284	ALLCH	416888 <sup>28</sup>	AMX37590	ALLCH	470351
AHH052A0	NOK	224020	AL2653T	JOHND	471763	AMX1284	ALLCH	455200	AMX37590	ALLCH	471504 <sup>28</sup>
AHH085-A0	NOK	227550	AL2654T	JOHND	345146	AMX13435	ALLCH	473215 <sup>28</sup>	AMX375901	ALLCH	470351
AHH085-A0	NOK	75X100X12 <sup>28</sup>	AL3W-3B112-AA	FORD	710950	AMX13503	ALLCH	472658	AMX375901	ALLCH	471504 <sup>28</sup>
AHH144A0	NOK	712007	AL3Z-4B416-A	FORD	710950	AMX13503	ALLCH	473197	AMX42646	ALLCH	415449 <sup>28</sup>
AHH254-B0	NOK	228010	AL4360	CATER	455121	AMX13916	ALLCH	471255 <sup>28</sup>	AMX42646	ALLCH	455147
AHH254-B0	NOK	80X100X10 <sup>28</sup>	ALK62850	CONTI	471554 <sup>28</sup>	AMX14034	ALLCH	472185 <sup>28</sup>	AMX44599	ALLCH	412920 <sup>28</sup>
AHH276-A0	NOK	228020	AM01-10-507	MAZDA	224840	AMX14036	ALLCH	474274	AMX46121	ALLCH	470403
AHH443A0	NOK	223831	AM01-11-399	MAZDA	228005	AMX14354	ALLCH	472705 <sup>28</sup>	AMX46121	ALLCH	470774 <sup>28</sup>
AHH443A0	NOK	38X55X7 <sup>28</sup>	AM1091T	JOHND	450076	AMX14378	ALLCH	450078	AMX46446	ALLCH	413247 <sup>28</sup>
AHH452A0	NOK	1990	AM1091T	JOHND	470334 <sup>28</sup>	AMX14378	ALLCH	473444	AMX46446	ALLCH	450350
AHH587-B0	NOK	221710	AM1162T	JOHND	450173	AMX15842	ALLCH	415995 <sup>28</sup>	AMX46837	ALLCH	415027 <sup>28</sup>
AHH587-B0	NOK	17X28X7	AM1717T	JOHND	450083	AMX15842	ALLCH	455013	AMX46837	ALLCH	455027
AHH684A	NOK	223012	AM1717T	JOHND	472924 <sup>28</sup>	AMX16237	ALLCH	470354	AMX50360	ALLCH	472179
AJ03-10-602	MAZDA	710837	AM1842T	JOHND	470950 <sup>28</sup>	AMX16397	ALLCH	470163	AMX53664	ALLCH	415371
AJ03-11-312	MAZDA	3909	AM1842T	JOHND	6241S	AMX16397	ALLCH	471766 <sup>28</sup>	AMX71042	JOHND	471747 <sup>28</sup>
AJ03-11-312A	MAZDA	3909	AM1977T	JOHND	470358	AMX19347	ALLCH	470590	AMX71042	JOHND	472674
AJ1177A	FORD	473228	AM1977T	JOHND	473231	AMX19959	ALLCH	471570 <sup>28</sup>	AMX71043	JOHND	471571
AJ1177A	FORD	51098	AM205	FMC	415995 <sup>28</sup>	AMX20069	ALLCH	414268 <sup>28</sup>	AMX71043A	JOHND	471647
AJ1177A1	FORD	473228	AM205	FMC	455013	AMX20069	ALLCH	450539	AMX71177	JOHND	472287 <sup>28</sup>
AJ1177A1	FORD	51098	AM205	LK-BT	415995 <sup>28</sup>	AMX20099	ALLCH	240736	AMX76410	JOHND	451583 <sup>28</sup>
AJ1177A2	FORD	473228	AM205	LK-BT	455013	AMX20296	ALLCH	472354 <sup>28</sup>	AMX76433	JOHND	470120
AJ1177A2	FORD	51098	AM2133T	JOHND	450352	AMX20296	ALLCH	50395S	AMX76433	JOHND	471224 <sup>28</sup>
AJ1177A2	FORD	51098	AM2133T	JOHND	472164 <sup>28</sup>	AMX20637	ALLCH	6759S	AMX76655	JOHND	471763
			AM220T	JOHND	345035	AMX20668	ALLCH	472439	AMX81974	JOHND	471472 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AN100904	JOHND	40395	AP18387H	JOHND	470774 <sup>28</sup>	AP8212F0	NOK	482576N	AR0897E0	NOK	343185
AN100904	JOHND	40395S	AP19068	JOHND	712270	AP8214F	NOK	471688	AR0913G	NOK	350679
AN102006	JOHND	472492 <sup>28</sup>	AP19068H	JOHND	712270	AP8214F0	NOK	471688	AR0913G	NOK	470954
AN10535	JOHND	203008	AP19214H	JOHND	417191	AP8240E	NOK	8059S	AR0913G0	NOK	350679
AN10535	JOHND	204008	AP19243	JOHND	450076	AP8240E0	NOK	8059S	AR0913G0	NOK	470954 <sup>28</sup>
AN10535N	JOHND	204008	AP19243	JOHND	470334 <sup>28</sup>	AP8785E	NOK	481481	AR1012E1	NOK	20X35X7 <sup>28</sup>
AN12151	JOHND	471869	AP19360H	JOHND	350954	AP8785E0	NOK	481481	AR103873	JOHND	471281 <sup>28</sup>
AN12151	JOHND	473459	AP19360H	JOHND	470954 <sup>28</sup>	AP8901E	NOK	25X42X8	AR1168E	NOK	240733
AN12151N	JOHND	471869	AP19509	JOHND	40652S	AP8901E0	NOK	25X42X8 <sup>28</sup>	AR1168E0	NOK	240733
AN12151N	JOHND	473459	AP19547	JOHND	340151	AP01295	OLIVE	470059	AR1201R	JOHND	320457
AN12717	JOHND	471831 <sup>28</sup>	AP20035H	JOHND	471737	AP01295	OLIVE	470380 <sup>28</sup>	AR1314E2	NOK	25X40X7 <sup>28</sup>
AN12717N	JOHND	471831 <sup>28</sup>	AP20413	JOHND	472354 <sup>28</sup>	AP01296	OLIVE	450593 <sup>28</sup>	AR1335R	JOHND	472560N <sup>28</sup>
AN140226	JOHND	471750 <sup>28</sup>	AP20413	JOHND	50395S	AP01612	OLIVE	450066	AR1335R	JOHND	50151S
AN140227	JOHND	472144 <sup>28</sup>	AP21123	JOHND	415995 <sup>28</sup>	AP01612	OLIVE	473367 <sup>28</sup>	AR1399F	NOK	240731
AN150038	JOHND	416556 <sup>28</sup>	AP21123	JOHND	455013	AP02492	OLIVE	471354 <sup>28</sup>	AR1399F0	NOK	240731
AN150038	JOHND	472157	AP22072	DAVEY	450094	AP02492	WHITE	471354 <sup>28</sup>	AR1587R	JOHND	450400
AN152118	JOHND	472826 <sup>28</sup>	AP22072	DAVEY	473462	AQ28293K	JOHND	6575S	AR1588F	NOK	340835
AN163876	JOHND	472924 <sup>28</sup>	AP22325	JOHND	340823	AQ28293KA	JOHND	6575S	AR1592E	NOK	1037 <sup>29</sup>
AN181409	JOHND	204029	AP22520	JOHND	473016 <sup>28</sup>	AQ28735	JOHND	471870 <sup>28</sup>	AR1593G	NOK	1037
AN181409	JOHND	204507 <sup>28</sup>	AP22619	JOHND	340483	AQ28735	JOHND	471883	AR1593G0	NOK	1037
AN181410	JOHND	204017	AP23236	JOHND	40555	AQX124666	JOHND	471649 <sup>28</sup>	AR1774F	NOK	340817
AN181411	JOHND	471267 <sup>28</sup>	AP23236	JOHND	40555S <sup>28</sup>	AQX20382	JOHND	471646 <sup>28</sup>	AR1774F0	NOK	340817
AN190473	JOHND	450523	AP24013	JOHND	471795	AQX22853	JOHND	415076	AR1818F	NOK	240356
AN30647	JOHND	450400	AP24021	JOHND	471801 <sup>28</sup>	AQX26585	JOHND	471737	AR1818F0	NOK	240356
AN31885	JOHND	473016 <sup>28</sup>	AP24021H	JOHND	471192	AQX32982H	JOHND	340136	AR1995E	NOK	340853
AN32745N	JOHND	473237 <sup>28</sup>	AP24106H	JOHND	200600	AQX35627	JOHND	473225 <sup>28</sup>	AR1995E0	NOK	340853
AN70684	JOHND	350936	AP24550	JOHND	470590	AQX37171	JOHND	471192	AR1997E	NOK	40395
AN70684N	JOHND	350936	AP2492	MINNM	471354 <sup>28</sup>	AQX37375	JOHND	473016 <sup>28</sup>	AR1997E	NOK	40395S
AN71194N	JOHND	350936	AP2492	OLIVE	471354 <sup>28</sup>	AQX38321	JOHND	471684 <sup>28</sup>	AR1997E0	NOK	40395
AN71578N	JOHND	470403	AP26239	JOHND	470590	AQX38321	JOHND	471698	AR1997E0	NOK	40395S
AN71578N	JOHND	470774 <sup>28</sup>	AP26381H	JOHND	413246	AQX42643	JOHND	471795	AR20077R	JOHND	472258 <sup>28</sup>
ANT50239	MASER	223010	AP26381H	JOHND	413246N	AQX42844	JOHND	473205	AR2022E	NOK	323125
AP0549E	NOK	472705 <sup>28</sup>	AP26382H	JOHND	472012	AQX43411	JOHND	200600	AR2022E	NOK	450456 <sup>28</sup>
AP0549E0	NOK	472705 <sup>28</sup>	AP26383H	JOHND	471760	AQX48731	JOHND	470590	AR2266F	NOK	40382
AP0743G	NOK	221720	AP26405	JOHND	340771	AQX62213	JOHND	203008	AR2266-F0	NOK	40382
AP0743-G0	NOK	221720	AP2816	OLIVE	450067	AQX68086	JOHND	472234	AR2268F	NOK	240319
AP0786E	NOK	471529	AP2816	OLIVE	473228	AQX68090	JOHND	471192	AR2268F0	NOK	240319
AP0786E0	NOK	471529	AP2816	WHITE	473228 <sup>28</sup>	AQX70116	JOHND	240736	AR2269F	NOK	240319
AP0816F	NOK	221820	AP3169	OLIVE	5976S	AQX70245	JOHND	240733	AR2269F0	NOK	240319
AP0816-F0	NOK	221820	AP3653	MINNM	450030	AQX76268	JOHND	340136	AR2575F	NOK	340400
AP0913E	NOK	470954 <sup>28</sup>	AP3653	MINNM	474253	AR0437E	NOK	8792S	AR2575F0	NOK	340400
AP1003E	NOK	222028	AP3653	WHITE	473413	AR0437E0	NOK	8792S	AR2643H0	NOK	45X60X10 <sup>28</sup>
AP1003-E0	NOK	222028	AP3654	OLIVE	5872S	AR0587E	NOK	15X25X6			
AP1116E	NOK	22X32X7	AP3654	WHITE	5872S	AR0587E	NOK	221510	AR26480	JOHND	200855
AP1116E0	NOK	22X32X7 <sup>28</sup>	AP6842E	NOK	473448	AR0587-E0	NOK	15X25X6 <sup>28</sup>	AR26480R	JOHND	200855
AP1181E	NOK	471267 <sup>28</sup>	AP6842E0	NOK	473448	AR0587-E0	NOK	221510	AR26706	JOHND	415991
AP1181E0	NOK	471267 <sup>28</sup>	AP68930	LUF	415196 <sup>28</sup>	AR0670E	NOK	16X24X6	AR26939R	JOHND	450867
AP1247F	NOK	24X37X7	AP72745	LUF	J1121	AR0670E0	NOK	16X24X6	AR26939R	JOHND	470898
AP1247F0	NOK	24X37X7	AP7430E	NOK	480821 <sup>28</sup>	AR0677E	NOK	710862	AR27806	JOHND	7208S
AP1295	MINNM	470059	AP7430E0	NOK	480821 <sup>28</sup>	AR0677E-E0	NOK	710862	AR28201R	JOHND	417484N
AP1295	MINNM	470380 <sup>28</sup>	AP7740E	NOK	471337	AR0677-E5	NOK	710862	AR28201R	JOHND	455322
AP1295	WHITE	470059	AP7861E	NOK	471735	AR0677G	NOK	710862	AR2908E	NOK	40401
AP1295	WHITE	470380 <sup>28</sup>	AP7861E0	NOK	471735	AR0677-G0	NOK	710862	AR2908E0	NOK	40401
AP1430E	NOK	471649 <sup>28</sup>	AP7864E	NOK	470680	AR0785E	NOK	3667	AR29326	JOHND	240735
AP1636G	NOK	474260 <sup>28</sup>	AP7864E	NOK	471570 <sup>28</sup>	AR0785-E0	NOK	3667	AR29326R	JOHND	240735
AP1636G0	NOK	474260 <sup>28</sup>	AP7935F	NOK	8773S	AR0888E	NOK	240735	AR31882R	JOHND	5666
AP1666K0	NOK	30X42X7 <sup>28</sup>	AP7935F0	NOK	8773S	AR0888E0	NOK	240735	AR3329E	NOK	40555
AP18387	JOHND	470403	AP7937E	NOK	471787 <sup>28</sup>	AR0893E	NOK	240816	AR3329E	NOK	40555S <sup>28</sup>
AP18387	JOHND	470774 <sup>28</sup>	AP7937E0	NOK	471787 <sup>28</sup>	AR0893E0	NOK	240816	AR3329E0	NOK	40555
AP18387H	JOHND	470403	AP8212F	NOK	482576N	AR0897E	NOK	343185	AR3329E0	NOK	40555S <sup>28</sup>

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AR389R	JOHND	471570 <sup>2B</sup>	AR78189	JOHND	416865 <sup>2B</sup>	AS568-038	AS568	038PKG	AS568-216	AS568	216PKG
AR39043	JOHND	471442 <sup>2B</sup>	AR78259	JOHND	455330 <sup>2B</sup>	AS568-039	AS568	039PKG	AS568-217	AS568	217PKG
AR39052	JOHND	471224 <sup>2B</sup>	AR7901E	NOK	343099	AS568-040	AS568	040PKG	AS568-218	AS568	218PKG
AR39117	JOHND	471652	AR7901E0	NOK	343099	AS568-041	AS568	041PKG	AS568-219	AS568	219PKG
AR40687	JOHND	311189	AR79581	JOHND	416327	AS568-042	AS568	042PKG	AS568-220	AS568	220PKG
AR40737	JOHND	471271 <sup>2B</sup>	AR8081E	NOK	7399S	AS568-043	AS568	043PKG	AS568-221	AS568	221PKG
AR41795	JOHND	470351	AR8081E0	NOK	7399S <sup>2B</sup>	AS568-044	AS568	044PKG	AS568-222	AS568	222PKG
AR42005	JOHND	415836	AR85311	JOHND	416047	AS568-045	AS568	045PKG	AS568-223	AS568	223PKG
AR42005	JOHND	415995 <sup>2B</sup>	AR85311	JOHND	416332 <sup>2B</sup>	AS568-110	AS568	110PKG	AS568-224	AS568	224PKG
AR42330	JOHND	455151	AR87199	JOHND	416332 <sup>2B</sup>	AS568-111	AS568	111PKG	AS568-225	AS568	225PKG
AR44137	JOHND	417563	AR94262	JOHND	417343 <sup>2B</sup>	AS568-112	AS568	112PKG	AS568-226	AS568	226PKG
AR44138	JOHND	416380 <sup>2B</sup>	AR94610	JOHND	455195	AS568-113	AS568	113PKG	AS568-227	AS568	227PKG
AR44949	JOHND	5666	AR94610	JOHND	472157 <sup>2B</sup>	AS568-114	AS568	114PKG	AS568-228	AS568	228PKG
AR44950	JOHND	5666	AR963R	JOHND	40169S	AS568-115	AS568	115PKG	AS568-229	AS568	229PKG
AR45399	JOHND	415371	AR98649	JOHND	416332 <sup>2B</sup>	AS568-116	AS568	116PKG	AS568-230	AS568	230PKG
AR45401	JOHND	416339	AR-98650	JOHND	412473 <sup>2B</sup>	AS568-117	AS568	117PKG	AS568-231	AS568	231PKG
AR46102	JOHND	45031S	AREX80020	JOHND	5976S	AS568-118	AS568	118PKG	AS568-232	AS568	232PKG
AR48946	JOHND	5666	ARX99437	JOHND	415021	AS568-119	AS568	119PKG	AS568-233	AS568	233PKG
AR49025	JOHND	472826 <sup>2B</sup>	ARX99437A	JOHND	415035 <sup>2B</sup>	AS568-120	AS568	120PKG	AS568-234	AS568	234PKG
AR49025	JOHND	5666	ARX99437A	JOHND	455035	AS568-121	AS568	121PKG	AS568-235	AS568	235PKG
AR49592	JOHND	200855	AS44201	WGEAR	450185	AS568-122	AS568	122PKG	AS568-236	AS568	236PKG
AR51561	JOHND	412473 <sup>2B</sup>	AS44201	WGEAR	473229	AS568-123	AS568	123PKG	AS568-237	AS568	237PKG
AR51561	JOHND	415894	AS49838	C-P	451583 <sup>2B</sup>	AS568-124	AS568	124PKG	AS568-238	AS568	238PKG
AR515N	JOHND	712270	AS568-001	AS568	001PKG	AS568-125	AS568	125PKG	AS568-239	AS568	239PKG
AR52224	JOHND	472258 <sup>2B</sup>	AS568-002	AS568	002PKG	AS568-126	AS568	126PKG	AS568-240	AS568	240PKG
AR52258	JOHND	417563	AS568-003	AS568	003PKG	AS568-127	AS568	127PKG	AS568-241	AS568	241PKG
AR52259	JOHND	416380 <sup>2B</sup>	AS568-004	AS568	004PKG	AS568-128	AS568	128PKG	AS568-242	AS568	242PKG
AR531	JOHND	472287 <sup>2B</sup>	AS568-005	AS568	005PKG	AS568-129	AS568	129PKG	AS568-243	AS568	243PKG
AR531R	JOHND	472287 <sup>2B</sup>	AS568-006	AS568	006PKG	AS568-130	AS568	130PKG	AS568-244	AS568	244PKG
AR-55216	JOHND	470380 <sup>2B</sup>	AS568-007	AS568	007PKG	AS568-131	AS568	131PKG	AS568-245	AS568	245PKG
AR56967	JOHND	417210 <sup>2B</sup>	AS568-008	AS568	008PKG	AS568-132	AS568	132PKG	AS568-246	AS568	246PKG
AR58155	JOHND	417254	AS568-009	AS568	009PKG	AS568-133	AS568	133PKG	AS568-247	AS568	247PKG
AR58512	JOHND	455576 <sup>2B</sup>	AS568-010	AS568	010PKG	AS568-134	AS568	134PKG	AS568-248	AS568	248PKG
AR58716	JOHND	3492V	AS568-011	AS568	011PKG	AS568-135	AS568	135PKG	AS568-249	AS568	249PKG
AR608R	JOHND	471763	AS568-012	AS568	012PKG	AS568-136	AS568	136PKG	AS568-250	AS568	250PKG
AR618R	JOHND	451583 <sup>2B</sup>	AS568-013	AS568	013PKG	AS568-137	AS568	137PKG	AS568-251	AS568	251PKG
AR62328	JOHND	470954 <sup>2B</sup>	AS568-014	AS568	014PKG	AS568-138	AS568	138PKG	AS568-252	AS568	252PKG
AR64671	JOHND	471231 <sup>2B</sup>	AS568-015	AS568	015PKG	AS568-139	AS568	139PKG	AS568-253	AS568	253PKG
AR66751	JOHND	416011	AS568-016	AS568	016PKG	AS568-140	AS568	140PKG	AS568-254	AS568	254PKG
AR66751	JOHND	417621 <sup>2B</sup>	AS568-017	AS568	017PKG	AS568-141	AS568	141PKG	AS568-255	AS568	255PKG
AR66752	JOHND	416888 <sup>2B</sup>	AS568-018	AS568	018PKG	AS568-142	AS568	142PKG	AS568-256	AS568	256PKG
AR67942	JOHND	471272V	AS568-019	AS568	019PKG	AS568-143	AS568	143PKG	AS568-257	AS568	257PKG
AR67942	JOHND	712250	AS568-020	AS568	020PKG	AS568-144	AS568	144PKG	AS568-258	AS568	258PKG
AR6868E	NOK	473237 <sup>2B</sup>	AS568-021	AS568	021PKG	AS568-145	AS568	145PKG	AS568-259	AS568	259PKG
AR6868E1	NOK	473237 <sup>2B</sup>	AS568-022	AS568	022PKG	AS568-146	AS568	146PKG	AS568-260	AS568	260PKG
AR69584	JOHND	471138 <sup>2B</sup>	AS568-023	AS568	023PKG	AS568-147	AS568	147PKG	AS568-261	AS568	261PKG
AR7108E	NOK	240151	AS568-024	AS568	024PKG	AS568-148	AS568	148PKG	AS568-262	AS568	262PKG
AR7108E0	NOK	240151	AS568-025	AS568	025PKG	AS568-149	AS568	149PKG	AS568-263	AS568	263PKG
AR71558	JOHND	471271 <sup>2B</sup>	AS568-026	AS568	026PKG	AS568-150	AS568	150PKG	AS568-264	AS568	264PKG
AR72375	JOHND	204013	AS568-027	AS568	027PKG	AS568-151	AS568	151PKG	AS568-265	AS568	265PKG
AR7241E	NOK	340823	AS568-028	AS568	028PKG	AS568-152	AS568	152PKG	AS568-266	AS568	266PKG
AR7241E0	NOK	340823	AS568-029	AS568	029PKG	AS568-153	AS568	153PKG	AS568-267	AS568	267PKG
AR7277E	NOK	240731	AS568-030	AS568	030PKG	AS568-154	AS568	154PKG	AS568-268	AS568	268PKG
AR7277E0	NOK	240731	AS568-031	AS568	031PKG	AS568-155	AS568	155PKG	AS568-269	AS568	269PKG
AR7302E	NOK	46997S	AS568-032	AS568	032PKG	AS568-210	AS568	210PKG	AS568-270	AS568	270PKG
AR7382E	NOK	472185	AS568-033	AS568	033PKG	AS568-211	AS568	211PKG	AS568-271	AS568	271PKG
AR7382E0	NOK	472185 <sup>2B</sup>	AS568-034	AS568	034PKG	AS568-212	AS568	212PKG	AS568-272	AS568	272PKG
AR7383E	NOK	472185 <sup>2B</sup>	AS568-035	AS568	035PKG	AS568-213	AS568	213PKG	AS568-273	AS568	273PKG
AR74813	JOHND	471271 <sup>2B</sup>	AS568-036	AS568	036PKG	AS568-214	AS568	214PKG	AS568-274	AS568	274PKG
AR-7708	CUMMI	5026	AS568-037	AS568	037PKG	AS568-215	AS568	215PKG	AS568-325	AS568	325PKG

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
AS568-326	AS568	<b>326PKG</b>	AS568-459	AS568	<b>459PKG</b>	AT13945T	JOHND	<b>471737</b>	AT4E-6701-AA	FORD	<b>710896</b>
AS568-327	AS568	<b>327PKG</b>	AS568-460	AS568	<b>460PKG</b>	AT13956	JOHND	<b>415836</b>	AT4Z-6701-A	FORD	<b>710896</b>
AS568-328	AS568	<b>328PKG</b>	AS7927	AVCO	<b>415458<sup>28</sup></b>	AT13956	JOHND	<b>415995<sup>28</sup></b>	AT52447	JOHND	<b>472164V</b>
AS568-329	AS568	<b>329PKG</b>	AS7927	AVCO	<b>455003</b>	AT13956T	JOHND	<b>415836</b>	AT53802	JOHND	<b>455056</b>
AS568-330	AS568	<b>330PKG</b>	AS96417	C-P	<b>340817</b>	AT13956T	JOHND	<b>415995<sup>28</sup></b>	AT55472	JOHND	<b>417349<sup>28</sup></b>
AS568-331	AS568	<b>331PKG</b>	ASF5726	AU-WS	<b>472636<sup>28</sup></b>	AT13960T	JOHND	<b>471272<sup>28</sup></b>	AT59652	JOHND	<b>471267V</b>
AS568-332	AS568	<b>332PKG</b>	ASF5727A	AU-WS	<b>415003</b>	AT13963	JOHND	<b>472439</b>	AT6550A	GMC	<b>6988H</b>
AS568-333	AS568	<b>333PKG</b>	ASF5727A	AU-WS	<b>415458<sup>28</sup></b>	AT14664	JOHND	<b>471765<sup>28</sup></b>	ATC7064	LEYLD	<b>470898</b>
AS568-334	AS568	<b>334PKG</b>	ASF5853	AU-WS	<b>417344<sup>28</sup></b>	AT14831	JOHND	<b>470169</b>	ATPC258511AV	Y-T	<b>455253</b>
AS568-335	AS568	<b>335PKG</b>	ASF5853A	AU-WS	<b>417344<sup>28</sup></b>	AT14831	JOHND	<b>473214</b>	ATY10746	JOHND	<b>417316<sup>28</sup></b>
AS568-336	AS568	<b>336PKG</b>	ASF5979	AU-WS	<b>40230S</b>	AT14831T	JOHND	<b>473214<sup>28</sup></b>	ATY11170A	JOHND	<b>415004</b>
AS568-337	AS568	<b>337PKG</b>	ASF5979A	AU-WS	<b>40230S</b>	AT14835T	JOHND	<b>416891<sup>28</sup></b>	ATY11170A	JOHND	<b>417316<sup>28</sup></b>
AS568-338	AS568	<b>338PKG</b>	ASF6000	AU-WS	<b>450067</b>	AT14841	JOHND	<b>450441</b>	ATY11172A	JOHND	<b>472287<sup>28</sup></b>
AS568-339	AS568	<b>339PKG</b>	ASF6000	AU-WS	<b>473228</b>	AT14841	JOHND	<b>471341<sup>28</sup></b>	ATY11173A	JOHND	<b>470548</b>
AS568-340	AS568	<b>340PKG</b>	ASF6000A	AU-WS	<b>450067</b>	AT14841T	JOHND	<b>450441</b>	ATY11173A	JOHND	<b>470625<sup>28</sup></b>
AS568-341	AS568	<b>341PKG</b>	ASF6000A	AU-WS	<b>473228</b>	AT14841T	JOHND	<b>471341<sup>28</sup></b>	ATY11174A	JOHND	<b>470712<sup>28</sup></b>
AS568-342	AS568	<b>342PKG</b>	ASF6001	AU-WS	<b>474274</b>	AT14924T	JOHND	<b>472164<sup>28</sup></b>	ATY11176	JOHND	<b>450400</b>
AS568-343	AS568	<b>343PKG</b>	ASF7590A	AU-WS	<b>40652S</b>	AT15561	JOHND	<b>323138<sup>28</sup></b>	ATY11176A	JOHND	<b>450400</b>
AS568-344	AS568	<b>344PKG</b>	ASF9155	B-L-H	<b>415449<sup>28</sup></b>	AT15790	JOHND	<b>6863S<sup>28</sup></b>	ATY11180	JOHND	<b>473215<sup>28</sup></b>
AS568-345	AS568	<b>345PKG</b>	ASK4382110	BORGW	<b>410308<sup>28</sup></b>	AT16431	JOHND	<b>417344<sup>28</sup></b>	ATY11345A	JOHND	<b>240735</b>
AS568-346	AS568	<b>346PKG</b>	ASK4382110	BORGW	<b>450308</b>	AT16431T	JOHND	<b>417344<sup>28</sup></b>	ATY11402A	JOHND	<b>470954<sup>28</sup></b>
AS568-347	AS568	<b>347PKG</b>	ASK438279	BORGW	<b>410308<sup>28</sup></b>	AT16887	JOHND	<b>415458<sup>28</sup></b>	ATY11519A	JOHND	<b>471869</b>
AS568-348	AS568	<b>348PKG</b>	ASK438279	BORGW	<b>450308</b>	AT16887	JOHND	<b>475458</b>	ATY11519A	JOHND	<b>473459</b>
AS568-349	AS568	<b>349PKG</b>	AT10344T	JOHND	<b>470361</b>	AT17325T	JOHND	<b>471413<sup>28</sup></b>	ATY11738A	JOHND	<b>471737</b>
AS568-357	AS568	<b>357PKG</b>	AT10344T	JOHND	<b>472193<sup>28</sup></b>	AT18387	JOHND	<b>415003</b>	ATY12170A	JOHND	<b>470163</b>
AS568-375	AS568	<b>375PKG</b>	AT1106Z	OWS	<b>474276<sup>28</sup></b>	AT18387	JOHND	<b>415458<sup>28</sup></b>	ATY12170A	JOHND	<b>471766<sup>28</sup></b>
AS568-425	AS568	<b>425PKG</b>	AT11492T	JOHND	<b>472560N<sup>28</sup></b>	AT18387T	JOHND	<b>415003</b>	ATY12340A	JOHND	<b>340483</b>
AS568-426	AS568	<b>426PKG</b>	AT11492T	JOHND	<b>50151S</b>	AT18387T	JOHND	<b>415458<sup>28</sup></b>	ATY12340AA	JOHND	<b>340483</b>
AS568-427	AS568	<b>427PKG</b>	AT11665T	JOHND	<b>481163<sup>28</sup></b>	AT18508T	JOHND	<b>473203</b>	ATY13960T	JOHND	<b>410520</b>
AS568-428	AS568	<b>428PKG</b>	AT11676T	JOHND	<b>473517<sup>28</sup></b>	AT18555T	JOHND	<b>472164<sup>28</sup></b>	ATY13960T	JOHND	<b>471272<sup>28</sup></b>
AS568-429	AS568	<b>429PKG</b>	AT11888	JOHND	<b>472287<sup>28</sup></b>	AT195T	JOHND	<b>345146</b>	ATY1535B	JOHND	<b>470163</b>
AS568-430	AS568	<b>430PKG</b>	AT11927	JOHND	<b>6703S</b>	AT20702	JOHND	<b>471272<sup>28</sup></b>	ATY1535B	JOHND	<b>471766<sup>28</sup></b>
AS568-431	AS568	<b>431PKG</b>	AT11979T	JOHND	<b>471869</b>	AT20703	JOHND	<b>200133</b>	ATY20047A	JOHND	<b>472164<sup>28</sup></b>
AS568-432	AS568	<b>432PKG</b>	AT11979T	JOHND	<b>473459</b>	AT21143T	JOHND	<b>473203</b>	ATY20176B	JOHND	<b>450352</b>
AS568-433	AS568	<b>433PKG</b>	AT119T	JOHND	<b>470163</b>	AT21608	JOHND	<b>471272N</b>	ATY20176B	JOHND	<b>472164<sup>28</sup></b>
AS568-434	AS568	<b>434PKG</b>	AT119T	JOHND	<b>471766<sup>28</sup></b>	AT21693	JOHND	<b>411500</b>	ATY21425A	JOHND	<b>352541</b>
AS568-435	AS568	<b>435PKG</b>	AT122646	ALLIS	<b>710623</b>	AT21780	JOHND	<b>471652</b>	ATY21484A	JOHND	<b>472560N<sup>28</sup></b>
AS568-436	AS568	<b>436PKG</b>	AT12427	JOHND	<b>475380N</b>	AT22639	JOHND	<b>471224<sup>28</sup></b>	ATY21484A	JOHND	<b>50151S</b>
AS568-437	AS568	<b>437PKG</b>	AT12427T	JOHND	<b>475380N</b>	AT22964	JOHND	<b>714750</b>	ATY21524A	JOHND	<b>352541</b>
AS568-438	AS568	<b>438PKG</b>	AT12540T	JOHND	<b>471138<sup>28</sup></b>	AT22965	JOHND	<b>415138<sup>28</sup></b>	ATY22340A	JOHND	<b>470954<sup>28</sup></b>
AS568-439	AS568	<b>439PKG</b>	AT12541	JOHND	<b>417316<sup>28</sup></b>	AT25329	JOHND	<b>43290S</b>	ATY22413A	JOHND	<b>470163</b>
AS568-440	AS568	<b>440PKG</b>	AT12541T	JOHND	<b>417316<sup>28</sup></b>	AT25331	JOHND	<b>416664<sup>28</sup></b>	ATY22413A	JOHND	<b>471766<sup>28</sup></b>
AS568-441	AS568	<b>441PKG</b>	AT12542	JOHND	<b>473231<sup>28</sup></b>	AT25585	JOHND	<b>472446</b>	ATY22428B	JOHND	<b>470169</b>
AS568-442	AS568	<b>442PKG</b>	AT12542T	JOHND	<b>470358</b>	AT344T	JOHND	<b>410059</b>	ATY22428B	JOHND	<b>473214</b>
AS568-443	AS568	<b>443PKG</b>	AT12542T	JOHND	<b>473231</b>	AT344T	JOHND	<b>470380<sup>28</sup></b>	ATY3502	JOHND	<b>450154</b>
AS568-444	AS568	<b>444PKG</b>	AT12557	JOHND	<b>415991</b>	AT34656	JOHND	<b>415836</b>	ATY3502	JOHND	<b>473234</b>
AS568-445	AS568	<b>445PKG</b>	AT12820T	JOHND	<b>470954<sup>28</sup></b>	AT34656	JOHND	<b>415995<sup>28</sup></b>	ATY3534	JOHND	<b>470548</b>
AS568-446	AS568	<b>446PKG</b>	AT12822T	JOHND	<b>470163</b>	AT353	MINNM	<b>5872S</b>	ATY3534	JOHND	<b>470625<sup>28</sup></b>
AS568-447	AS568	<b>447PKG</b>	AT12822T	JOHND	<b>471766<sup>28</sup></b>	AT36255	JOHND	<b>412920<sup>28</sup></b>	ATY3535A	JOHND	<b>472924<sup>28</sup></b>
AS568-448	AS568	<b>448PKG</b>	AT12888	JOHND	<b>7014S</b>	AT36612	JOHND	<b>472397<sup>28</sup></b>	ATY3557A	JOHND	<b>471192</b>
AS568-449	AS568	<b>449PKG</b>	AT12889	JOHND	<b>1049</b>	AT38188	JOHND	<b>473313<sup>28</sup></b>	ATY3558A	JOHND	<b>470120</b>
AS568-450	AS568	<b>450PKG</b>	AT13014	JOHND	<b>41026S</b>	AT39319	JOHND	<b>455056</b>	ATY3558A	JOHND	<b>471224<sup>28</sup></b>
AS568-451	AS568	<b>451PKG</b>	AT13063T	JOHND	<b>340009S</b>	AT39525	JOHND	<b>410825</b>	ATY3737A	JOHND	<b>471570<sup>28</sup></b>
AS568-452	AS568	<b>452PKG</b>	AT13077	JOHND	<b>340495</b>	AT40603	JOHND	<b>471984</b>	ATY3915	JOHND	<b>473445</b>
AS568-453	AS568	<b>453PKG</b>	AT13161	JOHND	<b>415263</b>	AT40731	JOHND	<b>415066</b>	ATY3917	JOHND	<b>410496<sup>28</sup></b>
AS568-454	AS568	<b>454PKG</b>	AT13161T	JOHND	<b>473237<sup>28</sup></b>	AT44697	JOHND	<b>475368N</b>	ATY4003	JOHND	<b>450076</b>
AS568-455	AS568	<b>455PKG</b>	AT13306T	JOHND	<b>470351</b>	AT47901	JOHND	<b>415449<sup>28</sup></b>	ATY4003	JOHND	<b>470334<sup>28</sup></b>
AS568-456	AS568	<b>456PKG</b>	AT1393	GR-DV	<b>415836</b>	AT48313	JOHND	<b>204017</b>	ATY4841A	JOHND	<b>345146</b>
AS568-457	AS568	<b>457PKG</b>	AT1393	GR-DV	<b>415995<sup>28</sup></b>	AT48334	JOHND	<b>472924<sup>28</sup></b>	ATY5135B	JOHND	<b>470163</b>
AS568-458	AS568	<b>458PKG</b>	AT13945	JOHND	<b>471737</b>	AT49215	JOHND	<b>473474</b>	ATY5135B	JOHND	<b>471766<sup>28</sup></b>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
ATY513S	JOHND	470163	AW194332	B-L-H	471271 <sup>28</sup>	AW337788	CHRY	710183	AXS33	COC	470163
ATY513S	JOHND	471766 <sup>28</sup>	AW194336	B-L-H	416919N	AW337788	MITSU	710183	AXS33	COC	471766 <sup>28</sup>
ATY5219B	JOHND	470358	AW194338	B-L-H	416956	AX10474	ALLCH	471391 <sup>28</sup>	AXS34	COC	471870 <sup>28</sup>
ATY5219B	JOHND	473231	AW194354	AU-WS	55301S	AX10834	ALLCH	416664 <sup>28</sup>	AXS34	COC	471883
ATY5317	JOHND	450083	AW194374	B-L-H	480210 <sup>28</sup>	AX13068	ALLCH	473441	AZ1026A	EATON	470027
ATY5317	JOHND	472924 <sup>28</sup>	AW194380	B-L-H	470548	AX-1805-D-472	MERIX	455434	AZ1026A	EATON	471554 <sup>28</sup>
ATY5503	JOHND	472287 <sup>28</sup>	AW194380	B-L-H	470625 <sup>28</sup>	AX1805D-472	ROCKW	455434	AZ1787F	NOK	710068
ATY6517A	JOHND	410163	AW194388	B-L-H	7208S	AX-1805-E-473	MERIX	415035	AZ1787-F0	NOK	710068
ATY6517A	JOHND	471766 <sup>28</sup>	AW194408	B-L-H	476470	AX1805E-473	ROCKW	415035	AZ3320H	JOHND	471765 <sup>28</sup>
ATY6517F	JOHND	410059	AW194408	CLARK	476470	AX-1805-W-465	MERIX	415009	AZ41341	JOHND	
ATY6517F	JOHND	470380 <sup>28</sup>	AW194410	B-L-H	410519	AX-1805-W-465	MERIX	415960 <sup>28</sup>	125X150X12 <sup>28</sup>		
ATY6563B	JOHND	323138 <sup>28</sup>	AW194410	B-L-H	471271 <sup>28</sup>	AX1805W-465	ROCKW	415009	AZ6886E	NOK	5131
ATY6577B	JOHND	340853	AW194410	CLARK	471271 <sup>28</sup>	AX1805W-465	ROCKW	415960 <sup>28</sup>	AZ6886E0	NOK	5131
ATY7517A	JOHND	410163	AW194411	B-L-H	416011	AX18583	ALLCH	415281N	AZ7283E	NOK	2300
ATY7517A	JOHND	471766 <sup>28</sup>	AW194411	B-L-H	417621 <sup>28</sup>	AX241001	ALLCH	J1118	AZ7283E0	NOK	2300
ATY9242A	JOHND	471763	AW194412	B-L-H	415442 <sup>28</sup>	AX25957	ALLCH	417316 <sup>28</sup>	AZ7595E	NOK	200371
ATY9243A	JOHND	470950 <sup>28</sup>	AW194412	CLARK	415442 <sup>28</sup>	AX27019	ALLCH	471224 <sup>28</sup>	AZ7595E0	NOK	200371
ATY9243A	JOHND	6241S	AW194414	B-L-H	415146 <sup>28</sup>	AX2712601	ALLCH	471442 <sup>28</sup>	AZ8415E	NOK	5131
ATY9244A	JOHND	470358	AW194414	B-L-H	415991	AX317830	ACDEL	J1105	AZ8415E0	NOK	5131
ATY9244A	JOHND	473231	AW194414	CLARK	415146 <sup>28</sup>	AX317830	GMC	J1105	AZ8443E	NOK	2300
ATY9245A	JOHND	450352	AW194414	CLARK	415991	AX411	IH	5836	AZ8772E	NOK	710820
ATY9245A	JOHND	472164 <sup>28</sup>	AW194415	B-L-H	415138 <sup>28</sup>	AX510	IH	6358	AZ8772-E0	NOK	710820
ATY9245B	JOHND	450352	AW194415	CLARK	415138 <sup>28</sup>	AX57252	ALLCH	415304	AZ8772F	NOK	710820
ATY9245B	JOHND	472164 <sup>28</sup>	AW194417	B-L-H	410519	AX57252	ALLCH	476470 <sup>28</sup>	AZ8772-F0	NOK	710820
AU43766	JOHND	200870	AW194417	B-L-H	471271 <sup>28</sup>	AX57280	ALLCH	472658	B-0010	GRAM	471532
AUC1AK9424	WHITE	450117	AW194417	CLARK	471271 <sup>28</sup>	AX57280	ALLCH	473197	B001-26-154	MAZDA	710311
AUC1AK9424	WHITE	472572 <sup>28</sup>	AW194418	B-L-H	470625 <sup>28</sup>	AX62651	ALLCH	416292	B001-26-154A	MAZDA	710311
AW01-19-223	MAZDA	221207	AW194418	CLARK	470625 <sup>28</sup>	AX64701	ALLCH	415937 <sup>28</sup>	B001-26-154B	MAZDA	710311
AW01-19-241	MAZDA	710699	AW194426	B-L-H	416664 <sup>28</sup>	AX66089	JOHND	470027	B001-27-238	MAZDA	710323
AW01-27-238	MAZDA	710590	AW194426	CLARK	415085 <sup>28</sup>	AX66089	JOHND	471554 <sup>28</sup>	B001-33-065	MAZDA	4990
AW01-27-398	MAZDA	710700	AW194430	B-L-H	471138 <sup>28</sup>	AX72933	ALLCH	415213N	B001-33-065A	MAZDA	4990
AW10266	JOHND	473460	AW194430	CLARK	471138 <sup>28</sup>	AX74574	JOHND	470120	B001-33-067	MAZDA	710323
AW10-27-238	MAZDA	710590	AW194431	B-L-H	417343 <sup>28</sup>	AX74574	JOHND	471224 <sup>28</sup>	B011-26-154B	MAZDA	710311
AW10327W	JOHND	471795	AW194431	CLARK	417343 <sup>28</sup>	AX76253	ALLCH	415832	B05761	PAARS	370031A
AW10433	JOHND	450065	AW194434	B-L-H	415013	AX76560	ALLCH	415627	B092-33-067	MAZDA	710323
AW11-27-398	MAZDA	710708	AW194434	B-L-H	415995 <sup>28</sup>	AX76728	ALLCH	416921 <sup>28</sup>	B1003	HUGKE	416339
AW14092	AU-WS	417316 <sup>28</sup>	AW194434	CLARK	415836	AX81489	ALLCH	473016 <sup>28</sup>	B1003	HUGKE	455031 <sup>28</sup>
AW14092	AU-WS	455004	AW194434	CLARK	415995 <sup>28</sup>	AX81708	ALLCH	471424 <sup>28</sup>	B103254	BENDI	450316
AW194014	AU-WS	415995 <sup>28</sup>	AW194435	B-L-H	473237 <sup>28</sup>	AX81725	ALLCH	417349 <sup>28</sup>	B103254	BENDI	472636 <sup>28</sup>
AW194014	AU-WS	455013	AW194435	CLARK	473237 <sup>28</sup>	AX82405	ALLCH	471763	B1043	HU-WR	471820
AW194066	B-L-H	473450	AW194436	B-L-H	470954 <sup>28</sup>	AX91827	ALLCH	417278	B1065	ACF	450094
AW194198	B-L-H	470954 <sup>28</sup>	AW194436	CLARK	470954 <sup>28</sup>	AX91998	ALLCH	416664 <sup>28</sup>	B1065	ACF	473462
AW194198	B-L-H	480954	AW194439	B-L-H	472015 <sup>28</sup>	AX9209	GMC	6358	B1094	OLIVE	471192
AW194198	CLARK	470954 <sup>28</sup>	AW194439	CLARK	472015 <sup>28</sup>	AX92276	ALLCH	450084 <sup>28</sup>	B10P88H	IH	416654 <sup>28</sup>
AW194198	CLARK	480954	AW194440	B-L-H	415281N	AXA0043	FRUEH	376590A	B10P88H	IH	455012
AW194204	B-L-H	416404 <sup>28</sup>	AW194440	CLARK	417349 <sup>28</sup>	AXA0043-1	FRUEH	376590A	B1110A	OLIVE	415991
AW194204	CLARK	416404 <sup>28</sup>	AW194441	B-L-H	415304	AXA-0484-1	FRUEH	357PKG	B1110A	OLIVE	455146 <sup>28</sup>
AW194218	B-L-H	450389	AW194441	B-L-H	476470 <sup>28</sup>	AXA3271	GMC	471652	B112306	OLIVE	470059
AW194218	B-L-H	472492 <sup>28</sup>	AW194441	CLARK	476470	AXA7317	BENDI	450291	B112306	OLIVE	470380 <sup>28</sup>
AW194224	B-L-H	471267 <sup>28</sup>	AW194442	B-L-H	416664 <sup>28</sup>	AXA7317	BENDI	471141 <sup>28</sup>	B1175	FORD	416738 <sup>28</sup>
AW194234	B-L-H	415281N	AW194442	CLARK	416664 <sup>28</sup>	AXS115	COC	410308 <sup>28</sup>	B1175	FORD	450096
AW194250	B-L-H	413247 <sup>28</sup>	AW194443	B-L-H	417172	AXS115	COC	450308	B12536X	WHITE	411253 <sup>28</sup>
AW194256	B-L-H	415991	AW194443	CLARK	417172	AXS126	COC	470027	B12536X	WHITE	450099
AW194256	B-L-H	455146 <sup>28</sup>	AW20-27-398	MAZDA	710700	AXS126	COC	471554 <sup>28</sup>	B12571	CASE	455019 <sup>28</sup>
AW194294	B-L-H	415035 <sup>28</sup>	AW2732E	NOK	710191	AXS188	COC	471750 <sup>28</sup>	B12598X	WHITE	415960 <sup>28</sup>
AW194294	B-L-H	455035	AW2732-E0	NOK	710191	AXS268	COC	415458 <sup>28</sup>	B12598X	WHITE	455009
AW194296	B-L-H	417351 <sup>28</sup>	AW2864E	NOK	225040	AXS268	COC	455003	B126	OLIVE	450115
AW194296	B-L-H	455154	AW2864-E0	NOK	225040	AXS269	COC	415458 <sup>28</sup>	B126	OLIVE	473467 <sup>28</sup>
AW194314	B-L-H	413469 <sup>28</sup>	AW337787	CHRY	710182	AXS269	COC	455003	B12912	WHITE	415960 <sup>28</sup>
AW194332	B-L-H	450519	AW337787	MITSU	710182	AXS270	COC	472492 <sup>28</sup>	B12912	WHITE	455009

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
B1311	HU-WR	473457 <sup>28</sup>	B1424	ALLCH	455200	B256	OLIVE	450076	B29176	TRANS	710544
B13247B	JOHND	200371	B1443	OLIVE	415449 <sup>28</sup>	B256	OLIVE	470334 <sup>28</sup>	B29193	TRANS	224025
B132703M	GMC	473225 <sup>28</sup>	B1443	OLIVE	455147	B256A	OLIVE	470219	B29213	TRANS	2658V
B132703T	CASE	415064	B1451	CR-CF	472439	B256A	OLIVE	471649 <sup>28</sup>	B29222	TRANS	710721
B132704A	B-L-H	473458	B1452	CR-CF	471137	B275B	OLIVE	6863S <sup>28</sup>	B29250	TRANS	710336
B132704AA	B-L-H	417485	B1458	ALLCH	471765 <sup>28</sup>	B29000	TRANS	7929S	B29251	TRANS	710315
B132704AB	B-L-H	416921 <sup>28</sup>	B1459	ALLCH	473426	B29001	TRANS	8160S	B29252	TRANS	350609
B132704AB	B-L-H	455011	B1464	ALLCH	471466 <sup>28</sup>	B29002	TRANS	710598	B29257	TRANS	710608
B132704AC	B-L-H	416654 <sup>28</sup>	B1479	ALLCH	471652	B29003	TRANS	710442	B29258	TRANS	224250
B132704AC	B-L-H	455012	B149A	BR-WN	450082	B29011	TRANS	710112	B29259	TRANS	4950
B132704AD	B-L-H	415995 <sup>28</sup>	B149A	BR-WN	473238	B29013	TRANS	2025	B29263	TRANS	710732
B132704AD	B-L-H	455013	B150683K	CONTI	471413 <sup>28</sup>	B29019	TRANS	8609	B29264	TRANS	223553
B132704AE	B-L-H	455019 <sup>28</sup>	B1517	HU-WR	415458 <sup>28</sup>	B29020	TRANS	6988H	B29268	TRANS	710109
B132704AF	B-L-H	455020	B1517	HU-WR	455003	B29023	TRANS	480479H	B29281	TRANS	710623
B132704AG	B-L-H	415021	B1520	HU-WR	450117	B29026	TRANS	710329	B29282	TRANS	710630
B132704AH	B-L-H	455022	B1520	HU-WR	472572 <sup>28</sup>	B29027	TRANS	2655	B29286	TRANS	223801
B132704AK	B-L-H	415023	B152012EX	OLIVE	470059	B29029	TRANS	415988	B29304	TRANS	224045
B132704AL	B-L-H	455024	B152012EX	OLIVE	470380 <sup>28</sup>	B29030	TRANS	4539V	B29306	TRANS	220860
B132704AM	B-L-H	415025	B1524	ALLCH	451583 <sup>28</sup>	B29031	TRANS	9449	B29307	TRANS	2658V
B132704B	B-L-H	450084 <sup>28</sup>	B15300B	JOHND	200392	B29032	TRANS	4189H	B29309	TRANS	350609
B132704D	B-L-H	450094	B16154P	CASE	415254	B29036	TRANS	4738N	B29310	TRANS	223540
B132704D	B-L-H	473462	B16159	CASE	471413 <sup>28</sup>	B29037	TRANS	4890	B29312	TRANS	224663
B132704E	B-L-H	450083	B16407	CASE	471787 <sup>28</sup>	B29038	TRANS	7692S	B29318	TRANS	223801
B132704E	B-L-H	472924 <sup>28</sup>	B166564	HEIL	370036A	B29039	TRANS	4889	B29325	TRANS	710446
B132704E	CLARK	472924 <sup>28</sup>	B17547	WHITE	410496 <sup>28</sup>	B29040	TRANS	4748N	B29331	TRANS	710136
B132704F	B-L-H	450085	B17553	WHITE	415196 <sup>28</sup>	B29041	TRANS	7038SA	B29385	TRANS	712551
B132704F	B-L-H	470530 <sup>28</sup>	B17579	WHITE	416167 <sup>28</sup>	B29044	TRANS	2465	B29386	TRANS	223535
B132704G	B-L-H	410102	B17579	WHITE	455091	B29045	TRANS	9613S	B29410	TRANS	225010
B132704H	B-L-H	416738 <sup>28</sup>	B17767	WHITE	415645 <sup>28</sup>	B29046	TRANS	4072N	B29413	TRANS	224066
B132704H	B-L-H	450096	B17767	WHITE	455104	B29047	TRANS	3543	B29414	TRANS	239146
B132704K	B-L-H	413469 <sup>28</sup>	B17909	US-EL	470712 <sup>28</sup>	B29050	TRANS	2025	B29432	TRANS	710643
B132704L	B-L-H	412943	B18319	US-EL	412943	B29051	TRANS	710324	B29433	TRANS	224010
B132704M	B-L-H	411253 <sup>28</sup>	B18338A	US-EL	415988	B29052	TRANS	6712NA	B29435	TRANS	710629
B132704M	B-L-H	450099	B18378	WHITE	415995 <sup>28</sup>	B29055	TRANS	710096	B29436	TRANS	1146
B132704N	B-L-H	410694 <sup>28</sup>	B18378	WHITE	455013	B29056	TRANS	331228H	B29437	TRANS	1147
B132704P	B-L-H	412119 <sup>28</sup>	B18403	WHITE	412119 <sup>28</sup>	B29057	TRANS	331227H	B29438	TRANS	1036
B132704P	B-L-H	450101	B18403	WHITE	450101	B29062	TRANS	223010	B29507	TRANS	222240
B132704Q	B-L-H	417073	B-1865	KEWNE	450984	B29068	TRANS	342517	B29510	TRANS	222745
B132704R	B-L-H	415001 <sup>28</sup>	B1AZ7052B	FORD	410059	B29071	TRANS	3459	B29511	TRANS	222745
B132704R	B-L-H	455001	B1AZ7052B	FORD	470380 <sup>28</sup>	B29088	TRANS	100086	B29512	TRANS	223050
B132704S	B-L-H	415988	B203	ITM	330385 <sup>28</sup>	B29093	TRANS	1981	B29513	TRANS	223051
B132704T	B-L-H	415458 <sup>28</sup>	B20374	WHITE	7208S	B29097	TRANS	710319	B29524	TRANS	100086
B132704T	B-L-H	455003	B20376	WHITE	5965	B29110	TRANS	710876	B29527	TRANS	714598
B132704U	B-L-H	455008	B20377	WHITE	455134 <sup>28</sup>	B29111	TRANS	710752	B29528	TRANS	4635V
B132704X	B-L-H	415960 <sup>28</sup>	B20B	FUNK	413247 <sup>28</sup>	B29114	TRANS	224663	B29546	TRANS	1012N
B132704X	B-L-H	455009	B20B	FUNK	450350	B29117	TRANS	240385	B29547	TRANS	224979
B13281	CASE	204013	B210-33065	MAZDA	225220	B29121	TRANS	710810	B29564	TRANS	710485
B13281P	CASE	204013	B210-33-067	MAZDA	494123	B29122	TRANS	710445	B29566	TRANS	4615V
B13307	WHITE	417537	B21461	WGEAR	472560N <sup>28</sup>	B29128	TRANS	710319	B29568	TRANS	714616
B13307X	WHITE	417537	B21461	WGEAR	50151S	B29129	TRANS	239146	B29569	TRANS	320583
B13310	WHITE	417278	B21479	WHITE	412920 <sup>28</sup>	B29132	TRANS	1965	B29573	TRANS	710247
B13332	WHITE	416288 <sup>28</sup>	B21479	WHITE	450132	B29133	TRANS	224520	B29574	TRANS	710689
B137	O-M	482309	B216-26-154	MAZDA	1973	B29135	TRANS	494122	B29579	TRANS	718610
B137A	JNSON	471648	B23003	BOSTN	340771	B29137	TRANS	6712NA	B29591	TRANS	224464
B13819	CASE	5458 <sup>30</sup>	B23377	WHITE	455022	B29147	TRANS	223543	B29592	TRANS	2027
B13876	JOHND	204029	B23525	WHITE	415009N	B29148	TRANS	340849	B29600	TRANS	710397
B13876	JOHND	204507 <sup>28</sup>	B23525	WHITE	475009N	B29150	TRANS	2007N	B29601	TRANS	710838
B13876B	JOHND	204029	B23915	WHITE	410101N	B29164	TRANS	710702	B29602	TRANS	223805
B13876B	JOHND	204507 <sup>28</sup>	B2424	TMTR	40140S	B29165	TRANS	710704	B29603	TRANS	225545
B1424	ALLCH	416888 <sup>28</sup>	B24269	WHITE	411253 <sup>28</sup>	B29172	TRANS	223830	B29604	TRANS	710868

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
B29606	TRANS	710265	B2TZ1175A	FORD	415960	B37056	TRANS	710582	B37212	TRANS	710821
B29607	TRANS	710862	B307	ALLCH	472439	B37057	TRANS	710533	B37229	TRANS	225220
B29608	TRANS	225010	B307-10-602	MAZDA	710355	B37058	TRANS	710830	B37243	TRANS	710939
B29609	TRANS	3404	B309	ALLCH	471442 <sup>28</sup>	B37061	TRANS	710540	B37249	TRANS	710914
B29612	TRANS	710537	B313	HYST	473449 <sup>28</sup>	B37065	TRANS	3083	B37251	TRANS	710912
B29625	TRANS	9613S	B31311	JOHND	200392	B37066	TRANS	6712NA	B37274	TRANS	710933
B29629	TRANS	710539	B31312	JOHND	200371	B37069	TRANS	710636	B37305	TRANS	710780
B29631	TRANS	221207	B32038	WHITE	411253 <sup>28</sup>	B37072	TRANS	714679	B37306	TRANS	224660
B29633	TRANS	710282	B32038	WHITE	450099	B37073	TRANS	100796	B37318	TRANS	224663
B29634	TRANS	710147	B32039	WHITE	455280	B37074	TRANS	4674N	B37335	TRANS	710873
B29635	TRANS	710173	B32040	WHITE	415960 <sup>28</sup>	B37075	TRANS	4918	B3830	ALLCH	416888 <sup>28</sup>
B29641	TRANS	3543	B32040	WHITE	455009	B37079	TRANS	710590	B3830	ALLCH	455200
B29642	TRANS	710138	B32041	WHITE	416288 <sup>28</sup>	B37080	TRANS	710700	B3857	WAUKE	450085
B29643	TRANS	224205	B32042	WHITE	417082	B37081	TRANS	710801	B3857	WAUKE	470530 <sup>28</sup>
B29715	TRANS	224663	B32043	WHITE	417485	B37082	TRANS	710699	B39264	TRANS	3622
B29723	TRANS	710133	B32044	WHITE	410496 <sup>28</sup>	B37083	TRANS	710737	B39265	TRANS	481191V
B29724	TRANS	710132	B32045	WHITE	415995 <sup>28</sup>	B37084	TRANS	710738	B396	F-R-H	415645 <sup>28</sup>
B29732	TRANS	224450	B32045	WHITE	455013	B37089	TRANS	710631	B396	F-R-H	455104
B29733	TRANS	710118	B32046	WHITE	412119 <sup>28</sup>	B37090	TRANS	710634	B397	F-R-H	415036
B29733	TRANS	710632	B32046	WHITE	450101	B37097	TRANS	710628	B399R	JOHND	411253 <sup>28</sup>
B29734	TRANS	710124	B32073	WHITE	412119 <sup>28</sup>	B37098	TRANS	710715	B399R	JOHND	450099
B29734	TRANS	710633	B32073	WHITE	450101	B37099	TRANS	710716	B3AZ3B592A	FORD	6835S
B29745	TRANS	710259	B32076	WHITE	412119 <sup>28</sup>	B37100	TRANS	1973	B3C7-10-602	MAZDA	710355
B29746	TRANS	32X48X8	B32076	WHITE	450101	B37101	TRANS	710843	B3C7-10-602A	MAZDA	710355
B29747	TRANS	223014	B3250	WHITE	415960 <sup>28</sup>	B37104	TRANS	710557	B3TZ7A011A	FORD	410308 <sup>28</sup>
B29748	TRANS	710199	B3250	WHITE	455009	B37107	TRANS	710546	B4142	WAUKE	471549 <sup>28</sup>
B29758	TRANS	4577	B3250617	IH	472560N <sup>28</sup>	B37108	TRANS	710583	B41511P	MID-R	473016 <sup>28</sup>
B29760	TRANS	714679	B3250617	IH	50151S	B37109	TRANS	710561	B4245A1	FORD	450044
B29762	TRANS	224840	B3271	WAUKE	470027	B37110	TRANS	4741	B4245A2	FORD	450044
B29765	TRANS	224820	B3271	WAUKE	471554 <sup>28</sup>	B37115	TRANS	710893	B42623	BOSS	370065A
B29772	TRANS	224810	B3281	WAUKE	470045	B37125	TRANS	710582	B453106	CONCA	415128
B29772	TRANS	224820	B3281	WAUKE	476838 <sup>28</sup>	B37128	TRANS	710774	B4551	WAUKE	473215 <sup>28</sup>
B29788	TRANS	225110	B339R	JOHND	411253 <sup>28</sup>	B37129	TRANS	710773	B46304	BOSS	370025A
B29789	TRANS	713771	B339R	JOHND	450099	B37134	TRANS	710923	B46305	BOSS	370025A
B29793	TRANS	3459	B35066	BOSS	370001A	B37139	TRANS	710978	B4725	WAUKE	450593 <sup>28</sup>
B29805	TRANS	225005	B3693M	AT IM	352541	B37141	TRANS	710672	B4729	ALLCH	415147
B29826	TRANS	710110	B37000	TRANS	710776	B37142	TRANS	710673	B4729	ALLCH	415449 <sup>28</sup>
B29839	TRANS	4701N	B37010	TRANS	100796	B37152	TRANS	710484	B47697	BOSS	370003A
B29844	TRANS	331107N	B37011	TRANS	710627	B37155	TRANS	224052	B490	ACF	40468
B29851	TRANS	2506	B37012	TRANS	3404	B37156	TRANS	710929	B4939	ALLCH	450365
B29875	TRANS	710122	B37014	TRANS	710867	B37157	TRANS	710907	B4939	ALLCH	470898 <sup>28</sup>
B29876	TRANS	710123	B37021	TRANS	710403	B37158	TRANS	710908	B4J1175A	FORD	415857 <sup>28</sup>
B29877	TRANS	712551	B37022	TRANS	710703	B37159	TRANS	710909	B4Q1144A	FORD	5487 <sup>30</sup>
B29878	TRANS	223540	B37024	TRANS	100165	B37161	TRANS	710987	B4Q1174A	FORD	5487 <sup>30</sup>
B29879	TRANS	710110	B37025	TRANS	3622	B37169	TRANS	710934	B4Q1175B	FORD	455858
B29883	TRANS	220918	B37037	TRANS	4764	B37170	TRANS	710933	B4Q7288A	FORD	351267
B29892	TRANS	221207	B37037	TRANS	4765	B37176	TRANS	223510	B4Q7288A	FORD	471267 <sup>28</sup>
B29893	TRANS	224255	B37038	TRANS	5693	B37177	TRANS	710705	B4Q7918A	FORD	415449 <sup>28</sup>
B29894	TRANS	710517	B37040	TRANS	4613N	B37178	TRANS	710706	B4Q7918A	FORD	455147
B29899	TRANS	710416	B37041	TRANS	4614N	B37180	TRANS	710712	B4T1181A	FORD	5487 <sup>30</sup>
B29912	TRANS	713771	B37042	TRANS	7692S	B37181	TRANS	710709	B4T4676A	FORD	410737 <sup>28</sup>
B29913	TRANS	710616	B37043	TRANS	710739	B37182	TRANS	710951	B4TZ1001A	FORD	5487 <sup>30</sup>
B29915	TRANS	340847	B37044	TRANS	710724	B37183	TRANS	710889	B504	ALLCH	416888 <sup>28</sup>
B29915	TRANS	8792S	B37047	TRANS	710484	B37185	TRANS	710778	B504	ALLCH	455200
B29927	TRANS	710535	B37048	TRANS	710487	B37186	TRANS	710779	B510	HU-WR	470059
B29936	TRANS	710196	B37049	TRANS	710486	B37188	TRANS	710967	B510	HU-WR	470380 <sup>28</sup>
B29952	TRANS	3459	B37050	TRANS	710780	B37189	TRANS	710801	B521	HU-WR	415116
B29954	TRANS	710315	B37051	TRANS	710671	B37196	TRANS	710852	B529116	B-L-H	415449 <sup>28</sup>
B29990	TRANS	710747	B37052	TRANS	710875	B37199	TRANS	710947	B529116	B-L-H	455147
B29996	TRANS	710115	B37053	TRANS	710058	B37200	TRANS	470774V	B538	HU-WR	470086

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
B5502	WAUKE	471137	B7822	WAUKE	471750 <sup>28</sup>	B85777	WHELA	416364 <sup>28</sup>	B9C1190A	FORD	442380
B572	HU-WR	470050	B79100	NOK	710506	B85779	WHELA	417600	B9C4224A	FORD	40769S
B58260	BENDI	410694 <sup>28</sup>	B79101	NOK	710507	B85783	WHELA	415482	B9C7288B	FORD	6835S
B58693	KELSE	441853	B79102	NOK	710508	B85785	WHELA	416654 <sup>28</sup>	B9MZ3A718A	FORD	240151
B5A1190A	FORD	6815	B79103	NOK	710469	B85785	WHELA	455012	B9QH4813A	FORD	450519
B5A4676A	FORD	6808N	B79104	NOK	3638	B85786	WHELA	417262 <sup>28</sup>	B9QH4813A	FORD	471271 <sup>28</sup>
B5A7657A	FORD	7300S	B79105	NOK	321417N	B85786	WHELA	455448	B9T4813A	FORD	100495
B5A77288A	FORD	240816	B79106	NOK	321417N	B85789	WHELA	415551	B9T4813A	FORD	415281N
B5A77837A	BORGW	6988H	B79126	NOK	710476	B866504	BENDI	472354 <sup>28</sup>	B9T6700A	FORD	413246N
B5A77837A	FORD	6988H	B792	HU-WR	411253 <sup>28</sup>	B866504	BENDI	50395S	B9T6700A	FORD	483246N
B5AZ1190A	FORD	6815	B792	HU-WR	450099	B870	HU-WR	470169	B9TE6700A	FORD	2692
B5AZ7052A	FORD	473234 <sup>28</sup>	B79211	BENDI	471688	B870	HU-WR	473214	B9TE6700A1	FORD	2692
B5AZ7657A	FORD	7300S	B79699	BENDI	470403	B88372	BENDI	473473	B9TT3254A	FORD	40769S
B5AZ7A248A	FORD	6988H	B79699	BENDI	470774 <sup>28</sup>	B8851	WHITE	415142	B9TT4676A	FORD	410312N
B5D4676A	FORD	6808N	B7A1177A	FORD	473228	B889864	BENDI	350909	B9TT4813A	FORD	470898
B5QH1190A	FORD	6638S	B7A1177A	FORD	51098	B889864	BENDI	471224 <sup>28</sup>	B9TZ1190A	FORD	442380
B5T7274A	FORD	6847S	B7A1177B	FORD	9568	B8A4676A	FORD	6930	B9TZ3254A	FORD	40769S
B5T7274B	FORD	350567	B7A1177B1	FORD	9568	B8A4676B	FORD	7044NA	B9TZ4676A	FORD	475368N
B5T7274B	FORD	471267 <sup>28</sup>	B7A4676A	FORD	6930	B8QH1175A	FORD	415351 <sup>28</sup>	BA0475E	NOK	480491
B5TZ4676A	FORD	6808N	B7A7047A	FORD	471652	B8QH1175B	FORD	370004A	BA0475E0	NOK	480491
B60305	BENDI	471442 <sup>28</sup>	B7A7047A	FORD	482208 <sup>28</sup>	B8QH1190A	FORD	416130 <sup>28</sup>	BA1011	HU-WR	470950 <sup>28</sup>
B6107	GEM	417267	B7AZ7A283A	FORD	471652	B8QH4676A	FORD	476283N	BA1011	HU-WR	6241S
B630-10-602	MAZDA	223012	B7AZ7A283A	FORD	482208 <sup>28</sup>	B8QH4676B	FORD	415003	BA1012	HU-WR	470163
B630-11-312	MAZDA	228250	B7AZ7A283B	FORD	471652	B8QH4676B	FORD	415458 <sup>28</sup>	BA1012	HU-WR	471766 <sup>28</sup>
B65468	BENDI	411253 <sup>28</sup>	B7AZ7A283B	FORD	482208 <sup>28</sup>	B8QH4813A	FORD	417484N	BA1415E	NOK	480581
B65468	BENDI	450099	B7C1190A	FORD	44053	B8QH4813A	FORD	455322	BA1415E0	NOK	480581
B66809	BENDI	472705 <sup>28</sup>	B7T1190A	FORD	44052	B8QH6700A	FORD	413246N	BA1607E	NOK	415284
B67315	BENDI	411253 <sup>28</sup>	B7T3591A	FORD	470120	B8QH6700A	FORD	483246N	BA1607E0	NOK	415284
B67315	BENDI	450099	B7T3591A	FORD	471224 <sup>28</sup>	B8QH7288A	FORD	240733	BA2990E	NOK	710092
B67338	BENDI	470590	B7T7048A	FORD	415988	B8QH7288B	FORD	471570 <sup>28</sup>	BA2990E0	NOK	710092
B683	MINNM	340771	B7TZ1190A	FORD	6954S	B8QH7912A	FORD	415004	BA2990F	NOK	710092
B683	WHITE	340771	B7TZ7A011A	FORD	415988	B8QH7912A	FORD	417316 <sup>28</sup>	BA2990-F0	NOK	710092
B693	HOUGH	450083	B7TZ7A248A	FORD	412119 <sup>28</sup>	B8QH7918A	FORD	415004	BA3115E	NOK	226610
B693	HOUGH	472924 <sup>28</sup>	B7Y1190A	FORD	6954S	B8QH7918A	FORD	417316 <sup>28</sup>	BA3115-E0	NOK	226610
B693	OLIVE	450083	B80012	CONCA	450083	B8QH7918B	FORD	415449 <sup>28</sup>	BA5911E	NOK	710456
B693	OLIVE	472924 <sup>28</sup>	B80012	CONCA	472924 <sup>28</sup>	B8QH7918B	FORD	455147	BA5911-E0	NOK	710456
B6938	WAUKE	471570 <sup>28</sup>	B800409-011-060	FRUEH	450352	B8TZ4676A	FORD	475003N	BB0150E	NOK	471705 <sup>28</sup>
B6981	WAUKE	450078	B800409-011-060	FRUEH	472164 <sup>28</sup>	B8TZ4676B	FORD	475003N	BB0150E0	NOK	471705 <sup>28</sup>
B6981	WAUKE	473444	B800409-011-061	FRUEH	472164 <sup>28</sup>	B8TZ7052A	FORD	415004	BB0504E	NOK	416956
B6982	WAUKE	450066	B800409-011-062	FRUEH	416339	B8TZ7052A	FORD	417316 <sup>28</sup>	BB0504E0	NOK	416956
B6982	WAUKE	473367 <sup>28</sup>	B800409-011-062	FRUEH	455031 <sup>28</sup>	B8TZ7052B	FORD	415449 <sup>28</sup>	BB0553X	NOK	455022
B6A3591A	FORD	240356	B800409011065	FRUEH	415150 <sup>28</sup>	B8TZ7052B	FORD	455147	BB0553X0	NOK	455022
B6A4676A	FORD	5778	B82491	BENDI	411500	B90145	CONCA	471750 <sup>28</sup>	BB0562X	NOK	456305
B6J1175A	FORD	416297	B83064	BENDI	412473 <sup>28</sup>	B90146	CONCA	450115	BB0562X0	NOK	456305
B6Q1174A	FORD	5487 <sup>30</sup>	B83064	BENDI	415894	B90146	CONCA	473467 <sup>28</sup>	BB0682X	NOK	417518
B6Q1175A	FORD	455858	B83542	BENDI	455018	B90668EX	OLIVE	473228	BB0682X0	NOK	417518
B6Q3591A	FORD	7537S	B83542	BENDI	476470	B90668EX	OLIVE	51098	BB0897E	NOK	455480 <sup>28</sup>
B6T1181A	FORD	5487 <sup>30</sup>	B8423	WAUKE	473407	B96405	BENDI	417485	BB0897E0	NOK	455480 <sup>28</sup>
B70436	CONCA	471801 <sup>28</sup>	B85770	WHELA	415449 <sup>28</sup>	B9733005	MWKEL	340469	BB0898E	NOK	417562
B71094	CONCA	471750 <sup>28</sup>	B85770	WHELA	455147	B9733006	KELSE	46997S	BB0898E0	NOK	417562
B71454	CONCA	450352	B85771	WHELA	416888 <sup>28</sup>	B9733008	KELSE	45187S	BB1021	HU-WR	455018
B71454	CONCA	472164 <sup>28</sup>	B85771	WHELA	455200	B9848	WHITE	455280	BB1021	HU-WR	476470
B71459	CONCA	470548	B85772	WHELA	415138 <sup>28</sup>	B985721	BENDI	40140S	BB1022	HU-WR	415991
B71459	CONCA	470625 <sup>28</sup>	B85773	WHELA	416865 <sup>28</sup>	B985722	BENDI	41264S	BB1022	HU-WR	455146 <sup>28</sup>
B71460	CONCA	471570 <sup>28</sup>	B85773	WHELA	455070	B98907	BENDI	473458	BB1033	HU-WR	450133
B76414	BENDI	471730	B85774	WHELA	416107 <sup>28</sup>	B9A77837A	BORGW	331107N	BB1036E	NOK	476470
B77413	BENDI	415991	B85774	WHELA	455073	B9A77837A	FORD	331107N	BB1036E0	NOK	476470
B77413	BENDI	455146 <sup>28</sup>	B85775	WHELA	416666	B9AP7A248A	FORD	6988H	BB1175C	FORD	5751
B7785	WHITE	416339	B85776	WHELA	415294 <sup>28</sup>	B9AZ3591A	FORD	240151	BB1175C	KELSE	5751
B7785	WHITE	455031 <sup>28</sup>	B85776	WHELA	455294	B9AZ7A248A	FORD	6988H	BB1185E	NOK	471267V

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
BB1185E0	NOK	471267V	BC3447F	NOK	710265	BD1962E	NOK	710458	BD3277-H0	NOK	225673
BB1191E	NOK	17X27X7	BC3447-F0	NOK	710265	BD1962-E0	NOK	710458	BD3298E	NOK	710151
BB1191E0	NOK	17X27X7	BC3472E	NOK	223550	BD1962-E1	NOK	710458	BD3298-E0	NOK	710151
BB16277	DIA	473228 <sup>28</sup>	BC3472E	NOK	35X58X10	BD2106E	NOK	41X55X7	BD3334E	NOK	4899
BB1722	DIA	473215 <sup>28</sup>	BC3472E0	NOK	223550	BD2106-E0	NOK	41X55X7 <sup>28</sup>	BD3334-E0	NOK	4899
BB1730	DIA	450593 <sup>28</sup>	BC3546E	NOK	710634	BD2134E	NOK	710083	BD3423E	NOK	710093
BB1747	DIA	450291	BC3546-E0	NOK	710634	BD2134-E0	NOK	710083	BD3423-E0	NOK	710093
BB1747	DIA	471141 <sup>28</sup>	BC3P-7A248-AE	FORD	710852	BD2135E	NOK	710412	BD3467E	NOK	710150
BB21723	DIA	450121	BC3P-7F337-BA	FORD	710947	BD2135-E0	NOK	710412	BD3467-E0	NOK	710150
BB21723	DIA	472409 <sup>28</sup>	BC3Q-6700-AB	FORD	711004	BD2332E	NOK	225650	BD3534E	NOK	4898
BB22257	DIA	417181 <sup>28</sup>	BC3Q-6701-AC	FORD	711003	BD2332E0	NOK	225650	BD3534-E0	NOK	4898
BB22274	DIA	415991	BC3Z-4676-B	FORD	710577	BD2332G	NOK	710069	BD3537E	NOK	1993
BB22274	DIA	455146 <sup>28</sup>	BC3Z-6700-A	FORD	711004	BD2349E	NOK	1126	BD3537-E0	NOK	1993
BB23710	DIA	471760	BC3Z-6700-B	FORD	711004	BD2349E0	NOK	1126	BD3537F	VIC	225673
BB23769	DIA	471795	BC3Z-6701-A	FORD	711003	BD2357F	NOK	224045	BD3586E	NOK	710176
BB26040	DIA	410496 <sup>28</sup>	BC3Z-6701-B	FORD	711003	BD2357-F0	NOK	224045	BD3586-E0	NOK	710176
BB26249	DIA	418028	BC3Z-7A248-A	FORD	710852	BD2564F	NOK	710338	BD3665	CASE	450456 <sup>28</sup>
BB26249	DIA	455137 <sup>28</sup>	BC3Z-7F337-B	FORD	710947	BD2564-F0	NOK	710338	BD3856E	NOK	224820
BB27207	DIA	473473	BC4319E	NOK	710679	BD2580E	NOK	710295	BD3856E	NOK	224870
BB4433E	NOK	710575	BC4319-E0	NOK	710679	BD2580-E0	NOK	710295	BD3856-E0	NOK	224820
BB4433-E0	NOK	710575	BC4682E	NOK	710185	BD2707E	NOK	710727	BD3856-E0	NOK	224870
BB4686	FORD	472287 <sup>28</sup>	BC4682-E0	NOK	710185	BD2707-E0	NOK	710727	BD3945E	NOK	710108
BB51HE	TW-DI	417354 <sup>28</sup>	BC4941E	NOK	36X68X10	BD2707G	NOK	710727	BD3945-E0	NOK	710108
BB5232	DIA	475009N	BC4941E0	NOK	36X68X10	BD2707-G0	NOK	710727	BD4007E	NOK	710292
BB6063	DIA	415001 <sup>28</sup>	BC5936E	NOK	710522	BD2716E	NOK	710142	BD4007-E0	NOK	710292
BB6210	DIA	472164 <sup>28</sup>	BC5936-E0	NOK	710522	BD2716-E0	NOK	710142	BD4020E	NOK	710108
BB6256	DIA	415147	BCC112A0	NOK	50X72X8 <sup>28</sup>	BD2737	NOK	1213N	BD4020-E0	NOK	710108
BB6256	DIA	415449 <sup>28</sup>	BCC176A	NOK	40X62X8 <sup>28</sup>	BD2737E	NOK	1213N	BD4198E	NOK	32X54X10
BB7830E	NOK	417158 <sup>28</sup>	BCC176A0	NOK	40X62X8	BD2737E	NOK	40X54X6	BD4198-E0	NOK	32X54X10
BB8463E	NOK	350435	BCC178A	NOK	710794	BD2737E0	NOK	40X54X6 <sup>28</sup>	BD4221E	NOK	710183
BB8463E0	NOK	350435	BCC178-A0	NOK	710794	BD2766E	NOK	4899	BD4221-E0	NOK	710183
BBB1202A	NOK	482126	BCC300A0	NOK	45X60X10	BD2992E	NOK	710419	BD4248E	NOK	710251
BBB1202-A0	NOK	482126	<sup>28</sup>			BD2992-E0	NOK	710419	BD4248E0	NOK	710251
BC0595E	NOK	415027 <sup>28</sup>	BCC458A0	NOK	75X95X10	BD2992F	NOK	710419	BD4263F	NOK	710766
BC0595E	NOK	455027	<sup>28</sup>			BD2992-F0	NOK	710419	BD4263-F0	NOK	710766
BC0595E0	NOK	415027 <sup>28</sup>	BD0380E	NOK	473473	BD3035E	NOK	710305	BD4313E	NOK	710182
BC0595E0	NOK	455027	BD0380E0	NOK	473473	BD3035-E0	NOK	710305	BD4320E	NOK	710250
BC1122E	NOK	223550	BD0881E	NOK	710052	BD3063E	NOK	712011	BD4320-E0	NOK	710250
BC1122E	NOK	35X58X10	BD0881-E0	NOK	710052	BD3063-E0	NOK	712011	BD4326E	NOK	4899
BC1122-E0	NOK	223550	BD0881F	NOK	710052	BD3063F	NOK	712011	BD4332E	NOK	710221
BC1122-E0	NOK	35X58X10	BD0881-F0	NOK	710052	BD3063-F0	NOK	712011	BD4332-E0	NOK	710221
BC1122F	NOK	223550	BD1105E	NOK	8597S	BD3123E	NOK	1935	BD4334E	NOK	710412
BC1122-F0	NOK	223550	BD1105E0	NOK	8597S	BD3123-E0	NOK	1935	BD4374E	NOK	710125
BC2077G	NOK	710109	BD1295E	NOK	7013S	BD3126E	NOK	1941	BD4374E0	NOK	710125
BC2077-G0	NOK	710109	BD1295E0	NOK	7013S	BD3126-E0	NOK	1941	BD4376E	NOK	55X68X8
BC2078E	NOK	710110	BD1355F	NOK	471845N	BD3126F	NOK	1941	BD4376E	NOK	710127
BC2078E0	NOK	710110	BD1355-F0	NOK	471845N	BD3126-F0	NOK	1941	BD4376-E0	NOK	55X68X8 <sup>28</sup>
BC2078F	NOK	34X54X9	BD1363E	NOK	710405	BD3127E	NOK	1928	BD4376-E0	NOK	710127
BC2078F0	NOK	34X54X9	BD1363-E0	NOK	710405	BD3127-E0	NOK	1928	BD4434E	NOK	710876
BC2185F	NOK	1209	BD1380E	NOK	471652	BD3236E	NOK	225410	BD4434-E0	NOK	710876
BC3073-E	NOK	225210	BD1380E0	NOK	471652	BD3236-E0	NOK	225410	BD4522E	NOK	710437
BC3073-E0	NOK	225210	BD1593-RO	NOK	4990	BD3236F	NOK	225410	BD4522-E0	NOK	710437
BC3074E	NOK	225230	BD1666E	NOK	5695	BD3236-F0	NOK	225410	BD4522F	NOK	710437
BC3074E0	NOK	225230	BD1694E	NOK	225220	BD3277E	NOK	225673	BD4522-F0	NOK	710437
BC3149E	NOK	221607	BD1694-E0	NOK	225220	BD3277-E0	NOK	225673	BD4534E	NOK	710412
BC3149-E0	NOK	221607	BD1694F	NOK	4990	BD3277F	NOK	225673	BD4534E0	NOK	710412
BC3165E	NOK	224026	BD1695E	NOK	4899	BD3277F0	NOK	225673	BD4618E	NOK	4904
BC3165-E0	NOK	224026	BD1695E0	NOK	4899	BD3277G	NOK	712938	BD4618-E0	NOK	4904
BC3447E	NOK	710265	BD1868E	NOK	5695	BD3277-G0	NOK	712938	BD4644E	NOK	710439
BC3447-E0	NOK	710265	BD1868E0	NOK	5695	BD3277H	NOK	225673			

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
BD4644-E0	NOK	710439	BE2624-E0	NOK	710098	BE8Z-6K292-C	FORD	711001	BG2972E0	NOK	42X60X7 <sup>28</sup>
BD4685E	NOK	710434	BE2727E	NOK	225875	BEE005A	NOK	224462	BG3657E	NOK	710254
BD4685-E0	NOK	710434	BE3009E	NOK	710139	BEE005-A0	NOK	224462	BG3657-E0	NOK	710254
BD5401E	NOK	710459	BE3009-E0	NOK	710139	BEE020A0	NOK	45X60X10 <sup>28</sup>	BG3774E	NOK	710193
BD5401-E0	NOK	710459	BE3021E	NOK	710252	BEE102A0	NOK	80X110X10	BG3774-E0	NOK	710193
BD5668E	NOK	710478	BE3021-E0	NOK	710252	BEE1298A	NOK	710073	BG3988E	NOK	710226
BD5668-E0	NOK	710478	BE3025G	NOK	710121	BEE1298-A0	NOK	710073	BG3988-E0	NOK	710226
BD5878E	NOK	710439	BE3025-G0	NOK	710121	BEE131A0	NOK	55X72X8 <sup>28</sup>	BG4091E	NOK	710192
BD5878-E0	NOK	710439	BE3033E	NOK	710073	BEE150A0	NOK	155X180X15	BG4091-E0	NOK	710192
BDD035A	NOK	710084	BE3033-E0	NOK	710073	BEE216A0	NOK	55X90X13	BG4678E	NOK	710301
BDD035-A0	NOK	710084	BE3062E	NOK	223840	BEE385A	NOK	1948	BG4678-E0	NOK	710301
BDD035B	NOK	710084	BE3062E	NOK	38X58X8	BEE385-A0	NOK	1948	BG6035E	NOK	710574
BDD035-B0	NOK	710084	BE3062E0	NOK	223840	BEE409A0	NOK	18X30X7 <sup>28</sup>	BG6035-E0	NOK	710574
BDD1331A	NOK	1993	BE3062E0	NOK	38X58X8 <sup>28</sup>	BEE642A0	NOK	35X56X10 <sup>28</sup>	BG6035F	NOK	710574
BDD1331-A0	NOK	1993	BE3062G	NOK	223842	BF1060E	NOK	487945	BG6035-F0	NOK	710574
BDD1339jA	NOK	4898	BE3062-G0	NOK	223842	BF1060E0	NOK	487945	BGG283A	NOK	45X72X7 <sup>28</sup>
BDD1339-jA0	NOK	4898	BE3146E	NOK	224026	BF1102E	NOK	494123	BGG283A0	NOK	45X72X95
BDD667A	NOK	474230	BE3146-E0	NOK	224026	BF1102E0	NOK	494123	BH0220E	NOK	710630
BDD667-A0	NOK	474230	BE3309E	NOK	40X70X8	BF1102-E0	NOK	494123	BH0220-E0	NOK	710630
B-DO301	WAUKE	470088	BE3309E0	NOK	40X70X8	BF1161E	NOK	3677	BH0220F0	NOK	710630
BE1192E	NOK	224874	BE3310E	NOK	710112	BF1161E0	NOK	3677	BH0253E	NOK	224066
BE1192-E0	NOK	224874	BE3310-E0	NOK	710112	BF1668E	NOK	710213	BH0253-E0	NOK	224066
BE1192G	NOK	224815	BE3383E	NOK	224872	BF1668-E0	NOK	710213	BH0269E	NOK	3051N
BE1192-G0	NOK	224815	BE3383E	NOK	48X72X7	BF1773E	NOK	3667 <sup>29</sup>	BH0269E	NOK	42X55X8
BE1391E	NOK	472705	BE3383-E0	NOK	224872	BF2291E	NOK	710266	BH0269-E0	NOK	3051N
BE1391E0	NOK	472705 <sup>28</sup>	BE3683E	NOK	710143	BF2291-E0	NOK	710266	BH0269-E0	NOK	42X55X8 <sup>28</sup>
BE1540E	NOK	239201	BE3683-E0	NOK	710143	BF2595E	NOK	224235	BH0269H	NOK	3051N
BE1540-E0	NOK	239201	BE3683F	NOK	710143	BF2595E0	NOK	42X58X7	BH0269-H0	NOK	3051N
BE1540F	NOK	4175	BE3683-F0	NOK	710143	BF2595-E0	NOK	224235	BH0317E	NOK	710137
BE1540F0	NOK	4175	BE3938F	NOK	223535	BF2595-E0	NOK	42X58X7 <sup>28</sup>	BH0317-E0	NOK	710137
BE1593E	NOK	1975	BE3938-F0	NOK	223535	BF2596-E0	NOK	710323	BH0317F	NOK	710137
BE1593-E0	NOK	1975	BE4016E	NOK	225535	BF2986E	NOK	710161	BH0317-F0	NOK	710137
BE1623E	NOK	2443	BE4091E	NOK	710192	BF2991E	NOK	710266	BH0354E	NOK	225545
BE1772E	NOK	222835	BE4091-E0	NOK	710192	BF2991-E0	NOK	710266	BH0354-E0	NOK	225545
BE1772E	NOK	28X44X6 <sup>28</sup>	BE4092E	NOK	50X68X8	BF3705E	NOK	710159	BH0605E	NOK	229005
BE1772-E0	NOK	222835	BE4092E	NOK	710194	BF3705-E0	NOK	710159	BH0605E0	NOK	229005
BE2015E	NOK	224872	BE4092-E0	NOK	50X68X8 <sup>28</sup>	BF3705F	NOK	710159	BH0605F	NOK	229005
BE2015E	NOK	48X72X7	BE4092-E0	NOK	710194	BF3705-F0	NOK	710159	BH0605F0	NOK	229005
BE2015-E0	NOK	224872	BE4098E	NOK	710723	BF4717E	NOK	710300	BH0605G	NOK	229005
BE2015-E0	NOK	48X72X7 <sup>28</sup>	BE4098-E0	NOK	710723	BF4717-E0	NOK	710300	BH0605G0	NOK	229005
BE2305E	NOK	35X62X7 <sup>28</sup>	BE4100E	NOK	710772	BF5260E	NOK	710464	BH0605I	NOK	229005
BE2305H	NOK	223552	BE4100-E0	NOK	710772	BG1233	HU-WR	5857	BH0605J	NOK	229005
BE2305-H0	NOK	223552	BE4160E	NOK	710132	BG1583E	NOK	494117	BH1030E	NOK	2043
BE2327F	NOK	710055	BE4160-E0	NOK	710132	BG1583F	NOK	710097	BH1030E0	NOK	2043
BE2327-F0	NOK	710055	BE4225E	NOK	223540	BG1583-F0	NOK	710097	BH1290E	NOK	2081
BE2350E	NOK	710118	BE4344F	NOK	710208	BG2034E	NOK	1936	BH1290E1	NOK	2081
BE2350-E0	NOK	710118	BE4344-F0	NOK	710208	BG2034E0	NOK	1936	BH1430E	NOK	710415
BE2351E	NOK	710124	BE4361E	NOK	710207	BG2038E	NOK	710148	BH1430-E0	NOK	710415
BE2351-E0	NOK	710124	BE4361-E0	NOK	710207	BG2038-E0	NOK	710148	BH1431E	NOK	223602
BE2353E	NOK	710122	BE4506E	NOK	710299	BG2039E	NOK	710337	BH1431E0	NOK	223602
BE2353-E0	NOK	710122	BE4506-E0	NOK	710299	BG2039E0	NOK	710337	BH1438E	NOK	1021V
BE2582F	NOK	710296	BE4692E	NOK	710198	BG2257	NOK	37X52X8	BH1438-E0	NOK	1021V
BE2582-F0	NOK	710296	BE4692-E0	NOK	710198	BG2400E	NOK	710297	BH1443E	NOK	224979
BE2590E	NOK	710123	BE4898E	NOK	710104	BG2400-E0	NOK	710297	BH1443-E0	NOK	224979
BE2590-E0	NOK	710123	BE4898-E0	NOK	710104	BG2664E	NOK	473677	BH1484E	NOK	223340
BE2601E	NOK	710703	BE5260E	NOK	710463	BG2664E0	NOK	473677	BH1484E0	NOK	223340
BE2601-E0	NOK	710703	BE5260-E0	NOK	710463	BG2972E	NOK	1953	BH1485E	NOK	228410
BE2605E	NOK	710098	BE5384E	NOK	710212	BG2972E	NOK	42X60X7	BH1485-E0	NOK	228410
BE2605-E0	NOK	710098	BE5384-E0	NOK	710212	BE8Z-6700-B	FORD	711002	BH1485F	NOK	228410
BE2624E	NOK	710098	BE8Z-6700-B	FORD	711002						

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
BH1485F0	NOK	228410	BH2259F	NOK	710332	BH2845F0	NOK	228250	BH3290-E0	NOK	1940
BH1485G	NOK	228410	BH2259-F0	NOK	710332	BH2851E	NOK	710247	BH3310E	NOK	710112
BH1485G0	NOK	228410	BH2259G	NOK	710332	BH2851-E0	NOK	710247	BH3310-E0	NOK	710112
BH1485I0	NOK	228410	BH2259-G0	NOK	710332	BH2972E	NOK	42X60X7	BH3340E	NOK	35X54X8
BH1581F	NOK	36X50X7	BH2259-G1	NOK	710332	BH2972E0	NOK	42X60X7 <sup>28</sup>	BH3340E	NOK	710199
BH1581F0	NOK	36X50X7 <sup>28</sup>	BH2264E	NOK	710233	BH2992E	NOK	710419	BH3340E0	NOK	35X54X8 <sup>28</sup>
BH1673E	NOK	28X44X6	BH2264-E0	NOK	710233	BH2992-E0	NOK	710419	BH3340E0	NOK	710199
BH1673E0	NOK	28X44X6 <sup>28</sup>	BH2264F	NOK	710233	BH3004E	NOK	224215	BH3397E	NOK	710423
BH1742	NOK	70X92X12	BH2264-F0	NOK	710233	BH3004E	NOK	42X58X7	BH3397-E0	NOK	710423
BH1742E	NOK	227045	BH2304E	NOK	710334	BH3004-E0	NOK	224215	BH3424E	NOK	710416
BH1742E0	NOK	227045	BH2304-E0	NOK	710334	BH3004-E0	NOK	42X58X7 <sup>28</sup>	BH3424-E0	NOK	710416
BH1742F	NOK	227045	BH2304F	NOK	710334	BH3007	NOK	38X53X8	BH3424F	NOK	710416
BH1882E	NOK	1987	BH2304-F0	NOK	710334	BH3007F	NOK	1120	BH3424-F0	NOK	710416
BH1882-E0	NOK	1987	BH2331E	NOK	710119	BH3007-F0	NOK	1120	BH3424G	NOK	710416
BH1882F	NOK	223602	BH2331-E0	NOK	710119	BH3009F	NOK	710139	BH3424-G0	NOK	710416
BH1937E	NOK	710157	BH2348E	NOK	228700	BH3009-F0	NOK	710139	BH3475E	NOK	710818
BH1937-E0	NOK	710157	BH2348E0	NOK	228700	BH3009G	NOK	710139	BH3475-E0	NOK	710818
BH1937F	NOK	710511	BH2354E	NOK	224663	BH3009-G0	NOK	710139	BH3488E	NOK	224063
BH1937-F0	NOK	710511	BH2354-E0	NOK	224663	BH3012E	NOK	471950	BH3488-E0	NOK	224063
BH1941E	NOK	710310	BH2354H	NOK	224663	BH3012-E0	NOK	471950	BH3526E	NOK	710511
BH1941-E0	NOK	710310	BH2354-H0	NOK	224663	BH3022E	NOK	710234	BH3526-E0	NOK	710511
BH1941E1	NOK	710310	BH2354I	NOK	224663	BH3022-E0	NOK	710234	BH3615E	NOK	223012
BH1941G	NOK	710310	BH2354-I0	NOK	224663	BH3022-G	NOK	710234	BH3615-E0	NOK	223012
BH1941-G0	NOK	710310	BH2370E	NOK	710138	BH3022-G0	NOK	710234	BH3670E	NOK	710114
BH1952E	NOK	1036	BH2370-E0	NOK	710138	BH3037E	NOK	710248	BH3670-E0	NOK	710114
BH1952-E0	NOK	1036	BH2489E	NOK	222558	BH3037-E0	NOK	710248	BH3670F	NOK	710114
BH1952F	NOK	1146	BH2489-E0	NOK	222558	BH3040E	NOK	710268	BH3670-F0	NOK	710114
BH1952-F0	NOK	1146	BH2503E	NOK	2655	BH3040-E0	NOK	710268	BH3670G	NOK	710114
BH1999E	NOK	223340	BH2503E0	NOK	2655	BH3063E	NOK	710776	BH3670-G0	NOK	710114
BH1999E0	NOK	223340	BH2506E	NOK	223220	BH3063-E0	NOK	710776	BH3680E	NOK	710115
BH2006E	NOK	320595	BH2530E	NOK	32X46X6	BH3146E	NOK	224026	BH3680-E0	NOK	710115
BH2006-E0	NOK	320595	BH2530E0	NOK	32X46X6 <sup>28</sup>	BH3146-E0	NOK	224026	BH3687E	NOK	224650
BH2006G	NOK	320595	BH2576E	NOK	52X70X8	BH3146F	NOK	712551	BH3687-E0	NOK	224650
BH2006G0	NOK	320595	BH2576E	NOK	710187	BH3146-F0	NOK	712551	BH3687G	NOK	224650
BH2051E	NOK	710689	BH2576-E0	NOK	52X70X8 <sup>28</sup>	BH3146G	NOK	712551	BH3687-G0	NOK	224650
BH2051-E0	NOK	710689	BH2576-E0	NOK	710187	BH3146-G0	NOK	712551	BH3757E	NOK	223420
BH2051J	NOK	710689	BH2634E	NOK	223831	BH3146H	NOK	224026	BH3845E	NOK	710264
BH2051-J0	NOK	710689	BH2634E	NOK	38X55X7	BH3146-H0	NOK	224026	BH3845-E0	NOK	710264
BH2077E	NOK	710109	BH2634E0	NOK	223831	BH3146I	NOK	712551	BH3845F	NOK	710264
BH2077-E0	NOK	710109	BH2634E0	NOK	38X55X7 <sup>28</sup>	BH3146-I0	NOK	712551	BH3845-F0	NOK	710264
BH2078	NOK	34X54X9	BH2661E	NOK	223843	BH3152E	NOK	228008	BH3854E	NOK	710235
BH2078E	NOK	710110	BH2716E	NOK	710142	BH3152-E0	NOK	228008	BH3854-E0	NOK	710235
BH2078-E0	NOK	710110	BH2716-E0	NOK	710142	BH3152G	NOK	228008	BH3854F	NOK	710235
BH2078F	NOK	710110	BH2716F	NOK	710142	BH3152-G0	NOK	228008	BH3854-F0	NOK	710235
BH2078-F0	NOK	710110	BH2716-F0	NOK	710142	BH3152-H0	NOK	228008	BH3882E	NOK	710236
BH2078G	NOK	710110	BH2737E	NOK	1213N	BH3208E	NOK	710056	BH3882-E0	NOK	710236
BH2078G0	NOK	710110	BH2737E	NOK	40X54X6	BH3208-E0	NOK	710056	BH3882F	NOK	710236
BH2080G	NOK	710512	BH2737E0	NOK	40X54X6 <sup>28</sup>	BH3208F	NOK	710056	BH3882-F0	NOK	710236
BH2080-G0	NOK	710512	BH2737F	NOK	710444	BH3208-F0	NOK	710056	BH3882G	NOK	710236
BH2118E	NOK	222830	BH2737-F0	NOK	710444	BH3208G	NOK	710056	BH3882-G0	NOK	710236
BH2118-E0	NOK	222830	BH2755E	NOK	228480	BH3208-G0	NOK	710056	BH3937E	NOK	710442
BH2189	NOK	38X50X7 <sup>28</sup>	BH2820E	NOK	710446	BH3288F	NOK	224660	BH3937-E0	NOK	710442
BH2189E	NOK	223801 <sup>28</sup>	BH2820-E0	NOK	710446	BH3288-F0	NOK	224660	BH3966E	NOK	226510
BH2189-E0	NOK	223801 <sup>28</sup>	BH2844E	NOK	223253	BH3289E	NOK	1019	BH3966E0	NOK	226510
BH2190E	NOK	35X50X8	BH2844-E0	NOK	223253	BH3289-E0	NOK	1019	BH3966HV	NOK	226510
BH2190E0	NOK	35X50X8 <sup>28</sup>	BH2844G	NOK	223253	BH3289F	NOK	1019	BH4031E	NOK	320583
BH2254E	NOK	239146	BH2844-G0	NOK	223253	BH3289-F0	NOK	1019	BH4031E	NOK	473677
BH2254E0	NOK	239146	BH2845E	NOK	228250	BH3289G	NOK	1019	BH4031E0	NOK	320583
BH2259E	NOK	710332	BH2845-E0	NOK	228250	BH3289-G0	NOK	1019	BH4031E0	NOK	473677
BH2259-E0	NOK	710332	BH2845F	NOK	228250	BH3290E	NOK	1940	BH4031F	NOK	710615

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
BH4031-F0	NOK	710615	BH4373-G0	NOK	710356	BH5278F	NOK	710520	BH6355E	NOK	710805
BH4036F	NOK	710352	BH4375F	NOK	95X115X12	BH5278-F0	NOK	710520	BH6355-E0	NOK	710805
BH4036-F0	NOK	710352	BH4375-F0	NOK	95X115X12	BH5279E	NOK	710521	BH6413E	NOK	710731
BH4036G	NOK	710352	BH4392F	NOK	229210	BH5279-E0	NOK	710521	BH6413-E0	NOK	710731
BH4036-G0	NOK	710352	BH4392-F0	NOK	229210	BH5279F	NOK	710521	BH6413F	NOK	710731
BH4053E	NOK	710525	BH4392G	NOK	229210	BH5279-F0	NOK	710521	BH6413-F0	NOK	710731
BH4053-E0	NOK	710525	BH4392-G0	NOK	229210	BH5279G	NOK	710521	BH6445F	NOK	710578
BH4053F	NOK	710525	BH4476E	NOK	710060	BH5279-G0	NOK	710521	BH6445-F0	NOK	710578
BH4053-F0	NOK	710525	BH4503F	NOK	710298	BH5320E	NOK	710596	BH6492E	NOK	710733
BH4089E	NOK	710834	BH4503-F0	NOK	710298	BH5320-E0	NOK	710596	BH6492-E0	NOK	710733
BH4089-E0	NOK	710834	BH4505E	NOK	710868	BH5320F	NOK	710596	BH6492F	NOK	710733
BH4089F	NOK	710834	BH4505-E0	NOK	710868	BH5320-F0	NOK	710596	BH6492-F0	NOK	710733
BH4089-F0	NOK	710834	BH4513E	NOK	224663	BH5321E	NOK	710595	BH6492G	NOK	710733
BH4093E	NOK	710460	BH4513E0	NOK	224663	BH5321-E0	NOK	710595	BH6492-G0	NOK	710733
BH4093-E0	NOK	710460	BH4513F	NOK	224663	BH5321F	NOK	710595	BH6688E	NOK	710933
BH4093F	NOK	710460	BH4513-F0	NOK	224663	BH5321-F0	NOK	710595	BH6688-E0	NOK	710933
BH4093-F0	NOK	710460	BH4519E	NOK	229005	BH5451F	NOK	710629	BH6832E	NOK	710697
BH4100E	NOK	710772	BH4519E0	NOK	229005	BH5451-F0	NOK	710629	BH6832-E0	NOK	710697
BH4100-E0	NOK	710772	BH4545E	NOK	228010	BH5644G	NOK	710767	BH6832F	NOK	710697
BH4127E	NOK	710189	BH4545E0	NOK	228010	BH5644-G0	NOK	710767	BH6832-F0	NOK	710697
BH4127-E0	NOK	710189	BH4558E	NOK	225885	BH5768E	NOK	710465	BH6832G	NOK	710697
BH4127F	NOK	710189	BH4558-E0	NOK	225885	BH5768-E0	NOK	710465	BH6832-G0	NOK	710697
BH4127-F0	NOK	710189	BH4569E	NOK	710838	BH5855F	NOK	710554	BH6841E	NOK	710796
BH4160E	NOK	710132	BH4569-E0	NOK	710838	BH5855-F0	NOK	710554	BH6841-E0	NOK	710796
BH4160-E0	NOK	710132	BH4575E	NOK	710582	BH5855G	NOK	710554	BH6847E	NOK	710795
BH4214E	NOK	710644	BH4575-E0	NOK	710582	BH5855-G0	NOK	710554	BH6847-E0	NOK	710795
BH4214-E0	NOK	710644	BH4575G	NOK	710582	BH5861F	NOK	228410	BH6879E	NOK	710639
BH4214F	NOK	710644	BH4575-G0	NOK	710582	BH5861-F0	NOK	228410	BH6879-E0	NOK	710639
BH4214-F0	NOK	710644	BH4576E	NOK	1180	BH5885F	NOK	710819	BH6919E	NOK	710614
BH4215E	NOK	710188	BH4592E	NOK	710355	BH5885-F0	NOK	710819	BH6919-E0	NOK	710614
BH4215-E0	NOK	710188	BH4592-E0	NOK	710355	BH5900E	NOK	223010	BH6961E	NOK	710769
BH4270E	NOK	42X58X7	BH4638E	NOK	710189	BH5900-E0	NOK	223010	BH6961-E0	NOK	710769
BH4270E0	NOK	42X58X7 <sup>28</sup>	BH4638-E0	NOK	710189	BH5924F	NOK	710553	BHH001A0	NOK	32X47X7 <sup>28</sup>
BH4270F	NOK	710517	BH4649E	NOK	710767	BH5924-F0	NOK	710553	BHH001A0	NOK	710310
BH4270-F0	NOK	710517	BH4649-E0	NOK	710767	BH5924I	NOK	710553	BHH013-A0	NOK	228009
BH4273E	NOK	710722	BH4649F	NOK	710767	BH5924-I0	NOK	710553	BHH013-A0	NOK	80X100X10
BH4273-E0	NOK	710722	BH4649-F0	NOK	710767	BH6044E	NOK	710716	BHH013A0	NOK	80X100X10 <sup>28</sup>
BH4282E	NOK	710343	BH4660E	NOK	710784	BH6044-E0	NOK	710716	BHH013-B0	NOK	228015
BH4282-E0	NOK	710343	BH4660-E0	NOK	710784	BH6045E	NOK	710715	BHH465A	NOK	710415
BH4293E	NOK	710173	BH4687A0	NOK	223018	BH6045-E0	NOK	710715	BHH465-A0	NOK	710415
BH4293-E0	NOK	710173	BH4718E	NOK	710332	BH6045F	NOK	710715	BHH518A0	NOK	228005
BH4293F	NOK	710173	BH4718-E0	NOK	710332	BH6045-F0	NOK	710715	BHH547A0	NOK	36X52X7
BH4293-F0	NOK	710173	BH4718F	NOK	710332	BH6066E	NOK	710894	BHH550-A0	NOK	223420
BH4294F	NOK	224025	BH4718-F0	NOK	710332	BH6066-E0	NOK	710894	BHH556A	NOK	70X92X12
BH4354F	NOK	710576	BH4746E	NOK	229004	BH6066H	NOK	710894	BHH556A0	NOK	227045
BH4354-F0	NOK	710576	BH4746E	NOK	229005	BH6066-H0	NOK	710894	BHH768A	NOK	710689
BH4354G	NOK	710576	BH4790G	NOK	710526	BH6093E	NOK	710610	BHH768-A0	NOK	710689
BH4354-G0	NOK	710576	BH4790-G0	NOK	710526	BH6093-E0	NOK	710610	BHH780A	NOK	223420
BH4366E	NOK	710144	BH5149F	NOK	710363	BH6093F	NOK	710610	BHH780-A0	NOK	223420
BH4366-E0	NOK	710144	BH5149-F0	NOK	710363	BH6093-F0	NOK	710610	BHH798A	NOK	228410
BH4366-F	NOK	710667	BH5149G	NOK	710363	BH6196E	NOK	710680	BHH798-A0	NOK	228410
BH4366-F0	NOK	710667	BH5149-G0	NOK	710363	BH6196-E0	NOK	710680	BHH814-A0	NOK	1038
BH4371E	NOK	35X50X8	BH5214E	NOK	710616	BH6232E	NOK	710775	BHH817-A0	NOK	320595
BH4371E	NOK	3771	BH5214E	NOK	710762	BH6232-E0	NOK	710775	BHH819-A0	NOK	228700
BH4371E0	NOK	35X50X8 <sup>28</sup>	BH5214-E0	NOK	710616	BH6232F	NOK	710775	BHH903A	NOK	710608
BH4371F	NOK	710730	BH5214-E0	NOK	710762	BH6232-F0	NOK	710775	BHH903-A0	NOK	710608
BH4371-F0	NOK	710730	BH5276E	NOK	710747	BH6249E	NOK	710676	BJ137A	JNSON	481644
BH-4373F	NOK	710356	BH5276-E0	NOK	710747	BH6249-E0	NOK	710676	BK15520	MACK	481568 <sup>28</sup>
BH4373-F0	NOK	710356	BH5278E	NOK	710520	BH6254E	NOK	228005	BL146	BR-WN	470045
BH4373G	NOK	710356	BH5278-E0	NOK	710520	BH6254-E0	NOK	228005			

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
BL146	BR-WN	476838 <sup>28</sup>	BP3379F	NOK	22X35X7	BRS-43	MOTOR	481191V	BS 246	MCCOR	710056
BL156	BR-WN	470045	BP3379F0	NOK	22X35X7	BRS-46	MO-CR	710808	BS 247	MCCOR	3772
BL156	BR-WN	476838 <sup>28</sup>	BP3754E	NOK	221620	BRS-47	MO-CR	710798	BS252	CLEVI	714750
B-L317A	BR-WN	473213 <sup>28</sup>	BP3881E	NOK	710153	BRS-48	MOTOR	370047A	BS257	CLEVI	39807
BL3Z-4676-A	FORD	4278	BP3881-E0	NOK	710153	BRS-49	MOTOR	370047A	BS 261	MCCOR	3909
BM1432A	NATSU	416158	BP3881G	NOK	710153	BRS-5	MOTOR	370023A	BS 263	MCCOR	228005
BM1432B	NATSU	455462	BP3881-G0	NOK	710153	BRS-5	MOTOR	380023A	BS279	MCCOR	5433
BNO7204	MASSE	450472 <sup>28</sup>	BP3881H	NOK	710153	BRS-50	MOTOR	3622	BS286	CLEVI	39958
BNP3640	ROVER	350609	BP3881-H0	NOK	710153	BRS-51	MOTOR	370247A	BS286	CLEVI	5624
BNP4573	ROVER	221207	BR1153E	NOK	16X28X7	BRS-52	MOTOR	710067	BS290	MCCOR	3393
BO2056E	NOK	710253	BR1153-E0	NOK	16X28X7 <sup>28</sup>	BRS-53	MOTOR	2674	BS 292	MCCOR	228410
BO2056-E0	NOK	710253	BR1443E	NOK	224979	BRS-54	MO-CR	710828	BS 293	MCCOR	2218
BOS-6971	PAI	370069A	BR1443-E0	NOK	224979	BRS-55	MOTOR	370179A	BS311	MCCOR	3698
BOS-6972	PAI	370069A	BR2227E	NOK	710782	BRS-56	MOTOR	4160	BS 312	MCCOR	4307V <sup>28</sup>
BOS-7306	PAI	475003N	BR2227-E0	NOK	710782	BRS-57	MOTOR	1932	BS314	CLEVI	3893V
BOS731	PAARS	415991 <sup>28</sup>	BR3149E	NOK	221607	BRS-6	MOTOR	370003A	BS314	CLEVI	39608
BOS731	PAARS	415991N	BR3149-E0	NOK	221607	BRS-6	MOTOR	380003A	BS 315	MCCOR	3698
BOS7611	PAI	370031A	BR3489E	NOK	221607	BRS-69	MOTOR	1932	BS317	CLEVI	39807
BOS-7695	PAI	475322N	BR3489-E0	NOK	221607	BRS-7	MOTOR	370047A	BS 321	MCCOR	4359V
BOS-7696	PAI	415272N	BR3Z-4676-A	FORD	3604	BRS-70	MOTOR	710323	BS354	CLEVI	39805
BOS-7697	PAI	415991N	BRS-1	MOTOR	370001A	BRS-71	MOTOR	4990	BS42	MCCOR	5414
BOS774	PAARS	416706 <sup>28</sup>	BRS-10	MOTOR	9150S	BRS-77	MOTOR	710540	BS 66	MCCOR	5072
BP01-10-602	MAZDA	223012	BRS-100	MOTOR	710701	BRS-78	MOTOR	722109	BS67	MCCOR	5072
BP01-10-602A	MAZDA	223012	BRS-101	MOTOR	8835S	BRS-79	MOTOR	722108	BS7	MCCOR	5419
BP05-11-312	MAZDA	228250	BRS-103	MOTOR	8660S	BRS-8	MOTOR	370001A	BS72	MCCOR	5092
BP10881	JOHND	473415	BRS-11	MOTOR	6815	BRS-8	MOTOR	380001A	BS75	MCCOR	5095
BP1134E	NOK	221820	BRS-110	MOTOR	710454	BRS-80	MOTOR	710044	BS78	MCCOR	5591
BP1134-E0	NOK	221820	BRS-113	MOTOR	710454	BRS-81	MOTOR	3195	BS 86	MCCOR	5095
BP1315E	NOK	7412S	BRS-116	MOTOR	370247A	BRS-83	MOTOR	370047A	BT1042	HU-WR	415187
BP1315-E0	NOK	7412S	BRS-118	MOTOR	100357	BRS-84	MOTOR	710413	BT1044	HU-WR	415035
BP13166	JOHND	204038	BRS-12	MOTOR	9864S	BRS-85	MOTOR	722108	BT1044	HU-WR	415953
BP13166E	JOHND	204002	BRS-123	MOTOR	710701	BRS-86	MOTOR	710453	BV11-19-437	MAZDA	2027
BP13715E	JOHND	415035 <sup>28</sup>	BRS-124	MOTOR	710586	BRS-87	MOTOR	710414	BV35-19-241	MAZDA	224663
BP13715E	JOHND	455035	BRS-137	MO-CR	710584	BRS-88	MOTOR	710455	BV65-19-437	MAZDA	710517
BP13829	JOHND	473473	BRS-14	MOTOR	4250	BRS-9	MOTOR	4148	BW01-19-241	MAZDA	224663
BP13831	JOHND	415035 <sup>28</sup>	BRS-15	MOTOR	370023A	BRS-90	MOTOR	8660S	BW2929	MASSE	473463
BP13831	JOHND	455035	BRS-15	MOTOR	380023A	BRS-93	MOTOR	710625	BW2948	MASSE	473463
BP13831E	JOHND	415035 <sup>28</sup>	BRS-158	MO-CR	710705	BRS-98	MOTOR	710640	BW3016E	NOK	710736
BP13831E	JOHND	455035	BRS-159	MOTOR	710706	BS140	CLEVI	39807	BW3016-E0	NOK	710736
BP1471E	NOK	710303	BRS-16	MOTOR	415960	BS140	CLEVI	39823	BW3016F	NOK	710736
BP1471-E0	NOK	710303	BRS-162	MOTOR	370023A	BS160	CLEVI	2218	BW3016-F0	NOK	710736
BP1481E	NOK	320603	BRS-169	MOTOR	710706	BS160	CLEVI	39608	BW3025E	NOK	710121
BP1481-E1	NOK	320603	BRS-170	MOTOR	710701	BS 160	MCCOR	2218	BW3025-E0	NOK	710121
BP1595E	NOK	710156	BRS-174	MOTOR	710808	BS 161	MCCOR	2377	BW3386E	NOK	224872
BP1595-E0	NOK	710156	BRS-179	MOTOR	9864S	BS174	CLEVI	5591	BW3386-E0	NOK	224872
BP1908E	NOK	31X44X8	BRS-18	MOTOR	4250	BS186	CLEVI	5460	BW3684E	NOK	710214
BP1908E0	NOK	31X44X8	BRS-180	MOTOR	370247A	BS187	MCCOR	5092	BW3691E	NOK	710246
BP2152E	NOK	710154	BRS-187	MOTOR	370023A	BS 197	MCCOR	5092	BW3691-E0	NOK	710246
BP2152-E0	NOK	710154	BRS2	MOTOR	370132A	BS 203	MCCOR	5650	BW3692E	NOK	710527
BP2175E	NOK	710156	BRS-21	MOTOR	370024A	BS 210	MCCOR	5072	BW3692-E0	NOK	710527
BP2175-E0	NOK	710156	BRS-22	MOTOR	4250	BS 214	MCCOR	5095	BW3694E	NOK	710528
BP2285E	NOK	24X42X10	BRS-23	MOTOR	710430	BS 216	MCCOR	3698	BW3694-E0	NOK	710528
BP2285E0	NOK	24X42X10	BRS-24	MO-CR	710454	BS223	CLEVI	455956H	BW4098E	NOK	710723
BP2601	AUTSP	473238 <sup>28</sup>	BRS-25	MOTOR	370018A	BS225	MCCOR	3698	BW4098-E0	NOK	710723
BP2968E	NOK	30X47X7	BRS-27	MOTOR	710519	BS229	MCCOR	712006	BW4265E	NOK	710133
BP2968E0	NOK	30X47X7 <sup>28</sup>	BRS-3	MOTOR	4160	BS 233	MCCOR	710060	BW4265-E0	NOK	710133
BP3000E	NOK	24X42X10	BRS-33	MOTOR	710091	BS235	MCCOR	227235	BW60-17-335	MAZDA	223801
BP3000E0	NOK	24X42X10	BRS-4	MOTOR	370047A	BS236	MCCOR	228005	BX15940E	JOHND	204002
BP3024F	NOK	26X38X5	BRS-40	MOTOR	8835S	BS 238	MCCOR	228020	BX42145	JOHND	410496 <sup>28</sup>
BP3024F0	NOK	26X38X5 <sup>28</sup>	BRS-42	MOTOR	100357	BS239	MCCOR	228010	BY404493	LETN	415442 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
BY440493	LK-BT	415442 <sup>28</sup>	C0TZ4813A	FORD	455322N	C135111	SPICE	417484N	C1TT3591F	FORD	323138 <sup>28</sup>
BZ1106E	NOK	5778	C0TZ2788A	FORD	6835S	C135111	SPICE	455322	C1TT3591G	FORD	474278
BZ1106E0	NOK	5778	C10068333	STEEL	240385	C13612	JOHND	473473	C1TT3591G	FORD	6859S
BZ3441E	NOK	710107	C10068334	STEEL	340853	C13612C	JOHND	473473	C1TT3591H	FORD	474276 <sup>28</sup>
BZ3441-E0	NOK	710107	C102467	SCHWI	473211 <sup>28</sup>	C1401	CLARK	415147	C1TT4373A	FORD	35949N
BZ4396E	NOK	710178	C10260	CASE	471466 <sup>28</sup>	C1401	CLARK	415449 <sup>28</sup>	C1TT4478A	FORD	417484N
BZ4396-E0	NOK	710178	C10274	AT SU	470064	C1443	HOUGH	415988	C1TT4478A	FORD	475322N
BZ5829E	NOK	710821	C10274	AT SU	471821 <sup>28</sup>	C1443	OLIVE	415988	C1TT4573A	FORD	35949N
BZ5829-E0	NOK	710821	C102747	SCHWI	473211 <sup>28</sup>	C1443A	OLIVE	415960 <sup>28</sup>	C1TT4676A	FORD	475009N
BZ5913E	NOK	710807	C10275	AT SU	470074	C1443A	OLIVE	455009	C1TT4813A	FORD	450519
BZ5913-E0	NOK	710807	C10275	AT SU	474265	C14872	JOHND	472213	C1TT4813A	FORD	471271 <sup>28</sup>
BZ5913F	NOK	710807	C104814	SCHWI	472826 <sup>28</sup>	C14873	JOHND	471692 <sup>28</sup>	C1TT4813B	FORD	415836
BZ5913-F0	NOK	710807	C104815	SCHWI	450066	C149	UNIT	470059	C1TT4813B	FORD	415995 <sup>28</sup>
BZ6302E	NOK	710601	C104815	SCHWI	473367 <sup>28</sup>	C149	UNIT	470380 <sup>28</sup>	C1TT4813C	FORD	410308 <sup>28</sup>
BZ6302-E1	NOK	710601	C105073	SCHWI	470219	C150811	SCHWI	471567 <sup>28</sup>	C1TT4813C	FORD	450308
BZ6303E	NOK	710892	C105073	SCHWI	471649 <sup>28</sup>	C151	IRON	411253 <sup>28</sup>	C1TZ1190A	FORD	416273 <sup>28</sup>
BZ6303-E0	NOK	710892	C105798	SCHWI	450070	C151	IRON	450099	C1TZ3591A	FORD	470120
BZ6303F	NOK	710892	C105798	SCHWI	472185 <sup>28</sup>	C1520	BORGW	450083	C1TZ3591A	FORD	471224 <sup>28</sup>
BZ6303-F0	NOK	710892	C107373	SCHWI	450066	C1520	BORGW	472924 <sup>28</sup>	C1TZ4676A	FORD	475009N
C01Q1190A	FORD	416865 <sup>28</sup>	C107373	SCHWI	473367 <sup>28</sup>	C152006EX	OLIVE	470059	C1UP7B498A	FORD	7929S
C01Q1190B	MARMO	416865 <sup>28</sup>	C107592	SCHWI	473016 <sup>28</sup>	C152006EX	OLIVE	470380 <sup>28</sup>	C1UU1190A	FORD	7834
C01Q19846A2	FORD	472394	C108187	SCHWI	450117	C1521	BORGW	473458	C1UW1177	FORD	51322
C-0500	GRAM	50266	C108187	SCHWI	472572 <sup>28</sup>	C-15231	JAGUA	40520S	C1UW1177A	FORD	51322
C0DD1190A	FORD	7994S	C108189	SCHWI	470045	C15265	JOHND	416664 <sup>28</sup>	C1UW1177A3	FORD	51322
C0DE6700A	FORD	7486S	C108189	SCHWI	476838 <sup>28</sup>	C15265	JOHND	455364	C1UW4676B	FORD	7457N
C0DE6700A3	FORD	7486S	C108190	SCHWI	471705 <sup>28</sup>	C16322	JOHND	473237 <sup>28</sup>	C1UW4676B1	FORD	7457N
C0DE6701A	FORD	5095	C1087	OLIVE	471820	C16326	JOHND	472258 <sup>28</sup>	C1UZ1190A	FORD	7834
C0DP7A248A	FORD	331107N	C108850	SCHWI	471192	C165	MID-R	471750 <sup>28</sup>	C1UZ4676B	FORD	7457N
C0DP7A32	FORD	7495S	C110460	SCHWI	472012	C1700	MID-R	470027	C1UZ4676C	FORD	7457N
C0DR1177A3	FORD	451182	C110849	SCHWI	450082	C1700	MID-R	471554 <sup>28</sup>	C1VP7052A	FORD	7937N
C0DR3591A	FORD	240414	C110849	SCHWI	473238	C17435	SCHWI	450084 <sup>28</sup>	C1VP7B498A	FORD	7929S
C0DR3591A3	FORD	240414	C1110	OLIVE	415995 <sup>28</sup>	C175004	JEFF	413478	C1VV1177A	FORD	482253
C0DR7052A	FORD	7495S	C1110	OLIVE	455013	C17909	US-EL	470712 <sup>28</sup>	C1VV1177B	FORD	482253
C0DR7288A	FORD	7399S <sup>28</sup>	C111089	SCHWI	471787 <sup>28</sup>	C17914	US-EL	472185 <sup>28</sup>	C1VV1177C	FORD	482253
C0DR77047	FORD	480210 <sup>28</sup>	C111576	SCHWI	473016 <sup>28</sup>	C18338	US-EL	415988	C1VV1190	FORD	7834
C0DR7A283A	FORD	480210 <sup>28</sup>	C1118	BORGW	471570 <sup>28</sup>	C19540	JOHND	471854 <sup>28</sup>	C1VV1190A	FORD	9150S
C0DW1177A	FORD	451182	C112594	SCHWI	471689 <sup>28</sup>	C19728	JOHND	471765 <sup>28</sup>	C201-10-602	MAZDA	711002
C0DW1177A3	FORD	451182	C113841	SCHWI	470120	C1AA1177A	FORD	473228	C2113- H3100	NISSA	222430
C0DW1177A4	FORD	451182	C113841	SCHWI	471224 <sup>28</sup>	C1AA1177A	FORD	51098	C2113-P9500	NISSA	7412S
C0DW4676A	FORD	7457N	C115	UNIT	450301	C1AE6700A	FORD	2692	C2208	MASSE	50081
C0DZ4676A	FORD	7457N	C115	UNIT	472397 <sup>28</sup>	C1AE6700A1	FORD	2692	C23584EX	OLIVE	473228
C0LR3591E	FORD	471652	C119	UNIT	416339	C1AE6700A2	FORD	2692	C23584EX	OLIVE	51098
COMM7048A	FORD	470351	C119	UNIT	455031 <sup>28</sup>	C1AE6700B	FORD	2692	C23772	TIMKE	417538
C0MW4676A	FORD	7044NA	C1197-01X01	NISSA	224979	C1AE6700B1	FORD	2692	C2583E	JOHND	480821 <sup>28</sup>
C0NN1190B	FORD	471870 <sup>28</sup>	C12079	CASE	470390	C1AE6700B2	FORD	2692	C263	UNIT	450070
C0NN1190C	FORD	200855	C1251	LEROI	450117	C1AE6700B3	FORD	2692	C263	UNIT	472185 <sup>28</sup>
C0NN4115B	FORD	416011	C1251	LEROI	472572 <sup>28</sup>	C1AP7052A	FORD	7692S	C29214	NOK	320249
C0NN4115B	FORD	417621 <sup>28</sup>	C12510	LEROI	470045	C1AP-7052-B	FORD	7300S	C2AA3B592A	FORD	6835S
C0NN6700A	FORD	350936	C12510	LEROI	476838 <sup>28</sup>	C1DD1190A	FORD	7994S	C2AE6700A	FORD	2692
C0NN6701A	FORD	2692	C12511	LEROI	470120	C1DP-7052-A	FORD	2655	C2AE6700A1	FORD	2692
C0NN7048A	FORD	470351	C12511	LEROI	471224 <sup>28</sup>	C1DR3591A3	FORD	240414	C2AE6700A2	FORD	2692
C0NN7052A	FORD	472258 <sup>28</sup>	C12512	LEROI	417205 <sup>28</sup>	C1DW1177A	FORD	484054	C2AE6700B	FORD	2692
C0NN7052A	FORD	480570	C1252	LEROI	411394 <sup>28</sup>	C1DW1177A1	FORD	484054	C2AP7052A	FORD	7692S
C0NN7052A1	FORD	480570	C1252	LEROI	450317	C1DW1177A2	FORD	484054	C2AP7A248A	FORD	331107N
C0NN-7207-A	FORD	3667	C12522	LEROI	411253 <sup>28</sup>	C1DZ1177A	FORD	484054	C2AP7A248A2	FORD	331107N
C0NNA734A	FORD	412920 <sup>28</sup>	C12522	LEROI	450099	C1DZ1190A	FORD	7994S	C2AP7A248B	FORD	6988H
C0TT4813C	FORD	417484N	C12525	LEROI	473463	C1TT1190A	FORD	7780N	C2AW4676A3	FORD	7044NA
C0TT4813C	FORD	455322N	C1253	LEROI	6283S	C1TT1190B	FORD	416273 <sup>28</sup>	C2AZ3B592A	FORD	6835S
C0TT7B216A	FORD	6835S	C1255	LEROI	410102	C1TT3591D	FORD	450400	C2AZ4676A	FORD	7044NA
C0TZ4813A	FORD	417484N	C132214	CUMMI	471763	C1TT3591E	FORD	450400	C2AZ4676B	FORD	7044NA

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
C2AZ6700A	FORD	2692	C3940E	JOHND	41461S	C4811	JAGUA	330385 <sup>2B</sup>	C5TZ1190A	FORD	4148
C2AZ7052A	FORD	7692S	C3AE6700A	FORD	2942	C4FR7A283A	FORD	7412S	C5TZ1190A	FORD	471424 <sup>2B</sup>
C2AZ7A248A	FORD	331107N	C3AE6700A1	FORD	2942	C4OZ1177A	FORD	9569S	C5TZ1190B	FORD	370048A
C2C11491	JAGUA	713771	C3AZ3591A	FORD	340151	C4TA1190A	FORD	7866S	C5TZ1190B	FORD	370182A
C2C6719	JAGUA	710487	C3AZ4676A	FORD	7044NA	C4TA4676A	FORD	475003N	C5TZ1190B	FORD	380048A
C2C6727	JAGUA	710484	C3AZ6700A	FORD	2692	C4TA7048A	FORD	482163N	C5TZ1190D	FORD	370179A <sup>2B</sup>
C2DA7288A	FORD	7399S <sup>2B</sup>	C3AZ6700A	FORD	2942	C4TE6700A	FORD	413246N	C5TZ1190D	FORD	9339S
C2DZ3591A	FORD	240414	C3AZ7052A	FORD	7300S	C4TE6700A	FORD	483246N	C5TZ-1S190-D	FORD	370179A
C2DZ7288A	FORD	7399S <sup>2B</sup>	C3AZ7A248A	FORD	6988H	C4TE6700A1	FORD	413246N	C5TZ7052A	FORD	7412S
C2DZ7A011A	FORD	471651	C3OP7A248A1	FORD	331107N	C4TE6700A1	FORD	483246N	C5TZ7052B	FORD	470380 <sup>2B</sup>
C2OE6701A	FORD	5095	C3OW1177B	FORD	9569S	C4TR7052A1	FORD	410059	C5ZA1190A	FORD	6815
C2OP7052B	FORD	7692S	C3SZ3591A	FORD	471646 <sup>2B</sup>	C4TR7052A1	FORD	470380 <sup>2B</sup>	C5ZZ1190A	FORD	6815
C2OR3591A	FORD	240151	C3TA1175F	FORD	370009A	C4TS38007B	FORD	370001A	C610	ITM	472164 <sup>2B</sup>
C2OW4676B	FORD	8181NA	C3TA1175F	FORD	380009A	C4TS38007B	FORD	380001A	C61070	C-P	470403
C2OW4676C	FORD	8181NA	C3TA1175FA	FORD	370009A	C4TZ1190A	FORD	7866S	C61070	C-P	470774 <sup>2B</sup>
C2OW4676C3	FORD	8181NA	C3TA1175FA	FORD	380009A	C4TZ4676A	FORD	475003N	C617	ITM	470898
C2OZ4676A	FORD	8181NA	C3TA1190A	FORD	7780N	C4TZ6700A	FORD	413246N	C63382	C-P	451583 <sup>2B</sup>
C2OZ4676B	FORD	8181NA	C3TA1190B	FORD	44052	C4TZ6700A	FORD	483246N	C649	ITM	450389
C2OZ6701A	FORD	5095 <sup>30</sup>	C3TA1190D	FORD	6954S	C4TZ7048A	FORD	482163N	C649	ITM	472492 <sup>2B</sup>
C2S12093	JAGUA	710442	C3TA4478A	FORD	475012N	C4TZ-7051A	FORD	482163N	C693A	OLIVE	413469 <sup>2B</sup>
C2S13884	JAGUA	710356	C3TA4676A	FORD	415086N	C4TZ7052A	FORD	410059	C6AW4676A	FORD	7044NA
C2S13885	JAGUA	710808	C3TA4676A	FORD	417487 <sup>2B</sup>	C4TZ7052A	FORD	470380 <sup>2B</sup>	C6AZ1190A	FORD	9150S
C2S1490	JAGUA	3604	C3TA4813A	FORD	415013N	C4UP7052A	FORD	470687	C6DW1177D	FORD	9161
C2S48116	JAGUA	482041N	C3TA4813A	FORD	415995V	C4UZ7052A	FORD	470687	C6DZ1177A	FORD	9161
C2S52518	JAGUA	3604	C3TR7A283A	FORD	330663	C4VW4676B	FORD	6808N	C6OW4676	FORD	8181NA
C2SZ3591A	FORD	471413 <sup>2B</sup>	C3TR7A283A	FORD	472354 <sup>2B</sup>	C4VY4676A	FORD	6808N	C6TZ1175B	FORD	412119 <sup>2B</sup>
C2SZ3591A	FORD	7412S	C3TS38007C	FORD	370001A	C4VY4676C	FORD	6808N	C6TZ1175B	FORD	472856
C2SZ3B592A	FORD	470954 <sup>2B</sup>	C3TS38007C	FORD	380001A	C51	UNIT	415458 <sup>2B</sup>	C6TZ1181A	FORD	472747
C2TA38007C	FORD	370007A	C3TS38007D	FORD	370001A	C51	UNIT	455003	C6TZ1190A	FORD	472394
C2TA4813A	FORD	417484N	C3TS38007D	FORD	380001A	C58	UNIT	450301	C6TZ3171A	FORD	204005
C2TA4813A	FORD	455322N	C3TS38007E	FORD	370007A	C58	UNIT	472397 <sup>2B</sup>	C6TZ3254A	FORD	40652S
C2TR3591A	FORD	340151	C3TS4A052E	FORD	370036A	C5AA1190A1	FORD	6815	C6TZ3254B	FORD	472258 <sup>2B</sup>
C2TS38007A	FORD	370007A	C3TS4A052E	FORD	370349A	C5AA1190A2	FORD	6815	C6TZ3254B	FORD	480570
C2TS4A052A	FORD	370023A	C3TS4A052E	FORD	380036A	C5AR3B592B2	FORD	8773S	C6TZ3254C	FORD	5131
C2TS4A052A	FORD	380023A	C3TZ1190A	FORD	7780N	C5AR7A283A	FORD	471652	C6TZ3254D	FORD	471766 <sup>2B</sup>
C2TZ4813A	FORD	417484N	C3TZ3591A	FORD	340413	C5AR7A283A	FORD	482208 <sup>2B</sup>	C6TZ4676A	FORD	5778
C2TZ4813A	FORD	455322N	C3TZ4478A	FORD	475012N	C5AZ3B592B	FORD	8773S	C6TZ4676B	FORD	6808N
C3002	JAGUA	450867	C3TZ4478B	FORD	415086N	C5AZ3B592C	FORD	8773S	C6TZ7052A	FORD	410059
C305208	GWI	470120	C3TZ4478B	FORD	417487 <sup>2B</sup>	C5AZ-3D526A	FORD	471645	C6TZ7052A	FORD	470380 <sup>2B</sup>
C305208	GWI	471224 <sup>2B</sup>	C3TZ4676A	FORD	415086N	C5AZ6701A	FORD	2377	C6TZ7052B	FORD	410059
C305232	SCHWI	40395	C3TZ4676A	FORD	417487 <sup>2B</sup>	C5AZ6701B	FORD	2377	C6TZ7288C	FORD	471466 <sup>2B</sup>
C305232	SCHWI	40395S	C3TZ4676B	FORD	416282	C5AZ6701B	FORD	5278	C6TZ7918A	FORD	415983N <sup>2B</sup>
C305233	SCHWI	240009	C3TZ4813A	FORD	415013N	C5AZ7052A	FORD	7412S	C6TZ7A283A	FORD	415991
C3118	LEROI	450161	C3TZ4813A	FORD	415995V	C5FR7A283A	FORD	471413 <sup>2B</sup>	C6TZ7B215A	FORD	450185
C3118	LEROI	471764 <sup>2B</sup>	C3TZ7A248B	FORD	330663	C5NN6700A	FORD	483246N	C6TZ7B215A	FORD	473229
C3127	LEROI	470347	C3TZ7A248B	FORD	472354 <sup>2B</sup>	C5NN-7N097-A	FORD	342805	C6TZ7B215D	FORD	470682
C3127	LEROI	474254	C3TZ7A283B	FORD	330663	C5NNA734A	FORD	472018	C6UW4676A	FORD	7457N
C3142-10R01	NISSA	710121	C3TZ7A283B	FORD	472354 <sup>2B</sup>	C5NNP709B	FORD	473234 <sup>2B</sup>	C6VP7052A	FORD	473473
C319616	JEFF	450083	C3UA1190A	FORD	7834	C5TA1175A	FORD	410987 <sup>2B</sup>	C6VW1177A	FORD	482253
C319616	JEFF	472924 <sup>2B</sup>	C3UW4676A	FORD	7457N	C5TA1190A	FORD	370179A	C6VY1177A	FORD	482253
C319618	JEFF	415995 <sup>2B</sup>	C3VA4676A	FORD	6808N	C5TA1190A	FORD	4148	C6VY7052A	FORD	473473
C319618	JEFF	455013	C4008	JOHND	474278	C5TA1190A	FORD	471424 <sup>2B</sup>	C70Z-3591-A	FORD	340151
C3203	JAGUA	471571	C4008	JOHND	480356	C5TA1190B	FORD	370048A	C759	ITM	8160S
C35434301043	IH	455080	C4123	GRAY	472439	C5TA1190B	FORD	370182A	C77115	C-P	40208
C3577	JOHND	415027 <sup>2B</sup>	C43147	PETTI	410316	C5TA1190B	FORD	380048A	C777	ITM	471195 <sup>2B</sup>
C3577	JOHND	455027	C43147	PETTI	472636 <sup>2B</sup>	C5TA1190C	FORD	4148	C777	ITM	481195
C3577E	JOHND	415027 <sup>2B</sup>	C45711	JAGUA	473454 <sup>2B</sup>	C5TA1190C	FORD	471424 <sup>2B</sup>	C786	ITM	450365
C3577E	JOHND	455027	C459	UNIT	415082	C5TA1190D	FORD	370179A <sup>2B</sup>	C786	ITM	470898
C390212	FORD	470088	C460	ITM	472164 <sup>2B</sup>	C5TA1190D	FORD	9339S	C788	ITM	450389
C3939	JOHND	323138 <sup>2B</sup>	C463	ITM	471192	C5TS38007D	FORD	370007A	C788	ITM	472492 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
C79078	C-P	472951	C8HA1173B	FORD	370019A	C9HA1175C	FORD	370021A	CAL1982	LEYLD	370003A
C79078	C-P	474252	C8HA1173C	FORD	370021A	C9HA1175D	FORD	370021A	CATE6700A5	FORD	413246N
C7AE6701B	FORD	2377	C8HA1173D	FORD	370021A	C9HA1190A	FORD	370054A	CATE6700A5	FORD	483246N
C7AW1177A	FORD	8660S	C8HA1175A	FORD	370019A	C9HA1190B	FORD	370057A	CB10247	FORSH	10X24X7
C7AW1177F	FORD	473228	C8HA1175B	FORD	370019A	C9HZ1175A	FORD	370019A	CB14307	FORSH	14X30X7
C7AW1177F	FORD	51098	C8HA1175C	FORD	370021A	C9HZ1175B	FORD	370021A	CB14518012	FORSH	145X180X12
C7AW1177H	FORD	8660S	C8HA1175D	FORD	370021A	C9HZ1190A	FORD	2674	CB14817015	FORSH	148X170X15
C7AW1177J	FORD	473228	C8HZ1175A	FORD	370019A	C9HZ1190B	FORD	370057A	CB16018510	FORSH	160X185X10
C7AW1177J	FORD	51098	C8HZ1175B	FORD	370021A	C9HZ-1S190A	FORD	2674	CB16327	FORSH	16X32X7
C7AW4676A	FORD	3604	C8HZ4674A	FORD	712937	C9NN4N109A	FORD	455147	CB18521013	FORSH	185X210X13
C7AZ1177A	FORD	8660S	C8JJ6701A	FORD	415138 <sup>28</sup>	C9NN7N838A	FORD	475003N	CB194010	FORSH	19X40X10
C7AZ4676A	FORD	3604	C8T24676B	FORD	413246N	C9OZ6701A	FORD	5095	CB21024015	FORSH	210X240X15
C7AZ7B498A	FORD	7929S	C8T24676B	FORD	470574N	C9TA1175A	FORD	4250	CB21025015	FORSH	210X250X15
C7DW1177A	FORD	9161	C8T27048A	FORD	472164V	C9TA1175B	FORD	4250	CB22377	FORSH	22X37X7
C7DW1177B	FORD	9161	C8T27048A	FORD	482164N	C9TA1175B1	FORD	4250	CB22457	FORSH	22X45X7
C7NN7048B	FORD	472041	C8TA1173C	FORD	370047A	C9TA1175B2	FORD	4250	CB34528	FORSH	34X52X8
C7NN7048B	FORD	473454	C8TA1173D	FORD	370047A	C9TA1175B3	FORD	4250	CB355810	FORSH	35X58X10
C7OR3591A3	FORD	340151	C8TA1173G	FORD	370023A	C9TA1175C2	FORD	9864S	CB36477	FORSH	36X47X7
C7OW1177E	FORD	9569S	C8TA1173G	FORD	380023A	C9TA1175G	FORD	9584	CB36527	FORSH	36X52X7
C7OW1177F	FORD	9363S	C8TA1173H	FORD	370023A	C9TA1175H	FORD	9584	CB365812	FORSH	36X58X12
C7OW1177K	FORD	9569S	C8TA1173H	FORD	380023A	C9TA1175K	FORD	370008A	CB36627	FORSH	36X62X7 <sup>28</sup>
C7OW1177L	FORD	9569S	C8TA1175C	FORD	9584	C9TA1175L	FORD	370023A	CB37528	FORSH	37X52X8
C7OZ1177A	FORD	9363S	C8TA1175D	FORD	9584	C9TA1175L	FORD	380023A	CB45587	FORSH	45X58X7 <sup>28</sup>
C7OZ1177B	FORD	9569S	C8TA1175F	FORD	370008A	C9TA1175M	FORD	370023A	CB528010	FORSH	52X80X10
C7OZ3591A	FORD	340151	C8TA1175G	FORD	370023A	C9TA1175M	FORD	380023A	CB536810	FORSH	53X68X10
C7TA1190B1	FORD	44053	C8TA1175G	FORD	380023A	C9TA1175M	FORD	5667 <sup>30</sup>	CB56808	FORSH	56X80X8
C7TA1190B2	FORD	44053	C8TA1175H	FORD	370023A	C9TA1175R	FORD	370009A	CB6167	FORSH	6X16X7
C7TA1190D2	FORD	4148	C8TA1175H	FORD	380023A	C9TA1175R	FORD	380009A	CB7510513	FORSH	75X105X13
C7TA1190D2	FORD	471424 <sup>28</sup>	C8TZ1175B	FORD	9584	C9TAC1175A1	FORD	416273	CB759010	FORSH	75X90X10
C7TS38007A	FORD	370001A	C8TZ1175C	FORD	370008A	C9TZ1175A	FORD	4250	CB78	FITZ	5092
C7TS38007A	FORD	380001A	C8TZ1175D	FORD	370023A	C9TZ1175B	FORD	9864S	CB8012013	FORSH	80X120X13
C7TW1177A	FORD	473228	C8TZ1175D	FORD	380023A	C9TZ1175B1	FORD	4250	CB8511513	FORSH	85X115X13
C7TW1177A	FORD	51098	C8TZ1177A	FORD	473228 <sup>28</sup>	C9TZ1175C	FORD	4250	CB9212013	FORSH	92X120X13
C7TZ1175A	FORD	9864S	C8TZ1177A	FORD	481837	C9TZ1190A	FORD	416273 <sup>28</sup>	CB9227	FORSH	9X22X7
C7TZ1190B	FORD	44053	C8TZ4676A	FORD	475012N	C9TZ1S175A	FORD	4250	CB9511512	FORSH	95X115X12
C7TZ1190C	FORD	6954S	C8TZ4676B	FORD	413246N	C9TZ1S175C	FORD	4250	CB9512512	FORSH	95X125X12
C7TZ1190D	FORD	4148	C8TZ4676B	FORD	483246N	C9TZ4676A	FORD	9773	CBC1706	JAGUA	710637
C7TZ1190D	FORD	471424 <sup>28</sup>	C8TZ7048A	FORD	450494	C9TZ7052A	FORD	452554N	CBS1	FITZ	5419
C7TZ7A283A	FORD	456744N	C8TZ7048A	FORD	472164 <sup>28</sup>	C9TZ7052B	FORD	100495	CBS44	FITZ	5414
C7TZ7A283B	FORD	415995 <sup>28</sup>	C8TZ7918A	FORD	415991 <sup>28</sup>	C9TZ7052B	FORD	415281N	CC11553	DIA	412119 <sup>28</sup>
C7TZ7A283B	FORD	455013	C8TZ7918A	FORD	415991N	C9UZ1177A	FORD	9568	CC11553	DIA	450101
C7UW1177D	FORD	9568	C8UW1177A	FORD	9568	C9VY1177A	FORD	482253	CC149	FMC	417562
C7UW1177F	FORD	51322	C900	ITM	474274	C9Z26701A	FORD	5108	CC1553	DIA	417344 <sup>28</sup>
C7UW1177G	FORD	9568	C90Z6701A	FORD	5095	CA1056	CLARK	471795	CC1553	DIA	455006
C7VW1177A	FORD	482253	C912	JAGUA	472299	CA1057	CLARK	450067	CC20Z4676B	FORD	8181NA
C8189-01G00	NISSA	710211	C920713	KOEH	471498	CA1057	CLARK	473228	CC2AZ4676B	FORD	7044NA
C8189-C7000	NISSA	710195	C920732	KOEH	471760	CA1130	CLARK	471472 <sup>28</sup>	CC3Z-1S175-A	FORD	9864S
C8189-N3100	NISSA	712011	C9526	WHITE	415023	CA1131	CLARK	471466 <sup>28</sup>	CC61957	C-W	470027
C86639	C-P	240151	C9AE6701B	FORD	5116	CA1239	HARRI	415281N	CC61957	C-W	471554 <sup>28</sup>
C86640	C-P	473211 <sup>28</sup>	C9AR7A283A	FORD	471652	CA1243	HARRI	417563	CC7AZ4676A	FORD	3604
C86643	C-P	6597S	C9AR7A283A	FORD	482208 <sup>28</sup>	CA1245	HARRI	412119 <sup>28</sup>	CCC4466	JAGUA	710638
C87265	C-P	350954	C9AR7A283AA	FORD	3638	CA1245	HARRI	450101	CDTZ7052A	FORD	410059
C87265	C-P	470954 <sup>28</sup>	C9AZ1177A	FORD	473228	CA1311	HARRI	470358	CDTZ7052A	FORD	470380 <sup>28</sup>
C87466	C-P	240733	C9AZ1177A	FORD	51098	CA1311	HARRI	473231	CE5311	DURA	472705 <sup>28</sup>
C87467	C-P	240716	C9AZ6701A	FORD	5118	CA1319	HARRI	455019 <sup>28</sup>	CE7009	CLARK	710425
C8878143	BENDI	470241	C9AZ6701B	FORD	5116	CA1471	HARRI	471267 <sup>28</sup>	CE7011	CLARK	710562
C8878143	BENDI	471785 <sup>28</sup>	C9AZ-7A283A	FORD	3638	CA1545	HARRI	471466 <sup>28</sup>	CE7021	CLARK	711000
C8AW4676A	FORD	7044NA	C9DZ1177A	FORD	9161	CA1546	HARRI	450444	CE851733	CLARK	471689 <sup>28</sup>
C8AZ1190A	FORD	6815	C9HA1175A	FORD	370019A	CA1546	HARRI	471835 <sup>28</sup>	CEX11781	GMC	411253 <sup>28</sup>
C8HA1173A	FORD	370019A	C9HA1175B	FORD	370019A	CAC8663	JAGUA	710638	CEX11781	GMC	450099

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
CEX2875	GMC	410059	CP813	DEMPC	450099	CR7067	BREDA	225230	CR7619	BREDA	224015
CEX2875	GMC	470380 <sup>28</sup>	CP814	DEMPC	415458 <sup>28</sup>	CR7071	BREDA	4898	CR7620	BREDA	223830
CFS116	PETTI	415317	CP814	DEMPC	455003	CR7086	BREDA	1948	CR7621	BREDA	1984
CL251	CLARK	472179	CR1501	GOODM	470120	CR7088	BREDA	4904	CR7622	BREDA	225005
CLHX3AO	MARMO	416888 <sup>28</sup>	CR1501	GOODM	471224 <sup>28</sup>	CR7097	BREDA	224200	CR7624	BREDA	710404
CLHX3AO	MARMO	455200	CR15024	GOODM	471567 <sup>28</sup>	CR7100	BREDA	1974	CR7633	BREDA	223240
CM19	FMC	352541	CR1540	BREDA	224100	CR7101	BREDA	225230	CR7635	BREDA	225530
CM19	LK-BT	352541	CR1541	BREDA	224015	CR7102	BREDA	225230	CR7636	BREDA	4904
CM5E-6700-AB	FORD	223750	CR1544	BREDA	1973	CR7103	BREDA	1974	CR7640	BREDA	1928
CM5G-6700-EA	FORD	710279	CR1557	BREDA	472213	CR7104	BREDA	1974	CR9815	FULLE	240731
CM5G-6K301-EA	FORD	223750	CR17	FMC	416149	CR7110	BREDA	225410	CTCAA1175A	FORD	415960 <sup>28</sup>
CM5Z-6700-A	FORD	223750	CR17	LK-BT	416149	CR7112	BREDA	226285	CTCAA1175A	FORD	455009
CM5Z-6700-B	FORD	710279	CR1871	GOODM	471733	CR7113	BREDA	226285	CTL-3A5038	MARMO	412119 <sup>28</sup>
CM5Z-6700-C	FORD	223750	CR2161	BREDA	1012N	CR7119	BREDA	4904	CTL-3A5038	MARMO	450101
C-ND1608A	FAIRB	351487	CR2163	BREDA	239155	CR7120	BREDA	4904	CTL-65037	MARMO	415371
CO-24	ATP	4950	CR2171	BREDA	1174	CR7503	BREDA	223550	CTL-65038	MARMO	416921 <sup>28</sup>
CO-3	ATP	472015 <sup>28</sup>	CR2172	BREDA	4175	CR7508	BREDA	4175	CTL-65038	MARMO	455011
CO-36	ATP	4934	CR2212	BREDA	710467	CR7522	BREDA	1196	CTL-65080	MARMO	450078
CO-37	ATP	4950	CR2231	BREDA	482126	CR7531	BREDA	710130	CTL-65080	MARMO	473444
CO-4	ATP	6712NA	CR2232	BREDA	482126	CR7533	BREDA	224045	CTLS-4TA1761	MARMO	475012N
CP12112	PERSN	204035	CR2233	BREDA	710215	CR7538	BREDA	224210	CV6Z-1S177-A	FORD	710808
CP1211B	PERSN	204035	CR225112	GOODM	470169	CR7539	BREDA	1955	CX11471E	JOHND	450523
CP1556	PERSN	470543	CR225112	GOODM	473214	CR7540	BREDA	223605	CX3183E	JOHND	450765 <sup>28</sup>
CP1556	PERSN	474272 <sup>28</sup>	CR2277	BREDA	473454	CR7542	BREDA	1180	CY01-10-602	MAZDA	482041N
CP2113	DEMPC	470045	CR2311	BREDA	225082	CR7543	BREDA	224210	CY01-10-602	MAZDA	710837
CP2113	DEMPC	476838 <sup>28</sup>	CR2501	BREDA	1962	CR7544	BREDA	223840	CY01-11-312	MAZDA	710896
CP2213	DEMPC	473215 <sup>28</sup>	CR2548	BREDA	1962	CR7545	BREDA	1180	CY01-11-312A	MAZDA	710896
CP2214	DEMPC	470059	CR2641	BREDA	1208	CR7547	BREDA	710642	CY01-11-312B	MAZDA	710896
CP2214	DEMPC	470380 <sup>28</sup>	CR 2654	BREDA	1955	CR7549	BREDA	225275	CY02-10-602	MAZDA	710837
CP2413	DEMPC	471820	CR5754	GOODM	415041	CR7551	BREDA	225275	D00E6701A	FORD	5117
CP2414	DEMPC	450066	CR7001	BREDA	1948	CR7556	BREDA	1956	D00W4676B	FORD	8181NA
CP2414	DEMPC	473367 <sup>28</sup>	CR7002	BREDA	225010	CR7557	BREDA	1959	D00Z6701A	FORD	5117
CP2613	DEMPC	470088	CR7003	BREDA	2002	CR7559	BREDA	710311	D0A1190	FORD	40438S
CP2614	DEMPC	450095	CR7004	BREDA	225225	CR7560	BREDA	710320	D0AA-1190-A	FORD	6815
CP2614	DEMPC	473464 <sup>28</sup>	CR7005	BREDA	1188	CR7561	BREDA	1126	D0AE6700A	FORD	2692
CP6072A	FAIRB	417533	CR7007	BREDA	225010	CR7562	BREDA	710311	D0AE6700A2	FORD	2692
CP6072B	FAIRB	416107 <sup>28</sup>	CR7008	BREDA	710168	CR7563	BREDA	710311	D0AE6700A2A	FORD	2692
CP6072B	FAIRB	455073	CR7010	BREDA	1183	CR7566	BREDA	224235	D0AW4676C	FORD	3604
CP6072C	FAIRB	415150 <sup>28</sup>	CR7016	BREDA	225650	CR7567	BREDA	1973	D0AW4676D	FORD	7044NA
CP6072D	FAIRB	455195	CR7017	BREDA	225650	CR7568	BREDA	1973	D0AZ6700A	FORD	2692
CP6072D	FAIRB	472157 <sup>28</sup>	CR7019	BREDA	710107	CR7570	BREDA	224210	D0AZ7A283A	FORD	330663
CP6072E	FAIRB	416892 <sup>28</sup>	CR7021	BREDA	710125	CR7582	BREDA	1955	D0AZ7A283A	FORD	472354 <sup>28</sup>
CP6072H	FAIRB	415379 <sup>28</sup>	CR7022	BREDA	710108	CR7583	BREDA	225010	D0HA1175E	FORD	370021A
CP6072H	FAIRB	455379	CR7031	BREDA	1950	CR7584	BREDA	710338	D0HA1175F	FORD	370009A
CP6072J	FAIRB	455191	CR7032	BREDA	224820	CR7585	BREDA	224100	D0HA1175F	FORD	380009A
CP6072K	FAIRB	416229	CR7035	BREDA	5686	CR7586	BREDA	710338	D0HA1190L	FORD	370008A
CP6072L	FAIRB	415551	CR7037	BREDA	226285	CR7587	BREDA	710338	D0HM1190A	FORD	370054A
CP6072M	FAIRB	417362 <sup>28</sup>	CR7038	BREDA	1993	CR7590	BREDA	1956	D0HZ1175A	FORD	370046A
CP6072R	FAIRB	417603 <sup>28</sup>	CR7040	BREDA	225220	CR7591	BREDA	494117	D0HZ1175B	FORD	370047A
CP6072W	FAIRB	416239 <sup>28</sup>	CR7043	BREDA	710092	CR7592	BREDA	710456	D0HZ1175C	FORD	370009A
CP6072X	FAIRB	415482	CR7045	BREDA	1993	CR7594	BREDA	710097	D0HZ1175C	FORD	380009A
CP6072Y	FAIRB	417020	CR7046	BREDA	225673	CR7595	BREDA	473367	D0HZ1175D	FORD	370023A
CP6147A	FAIRB	415991	CR7048	BREDA	1126	CR7604	BREDA	224820	D0HZ1175D	FORD	380023A
CP6147A	FAIRB	455146 <sup>28</sup>	CR7049	BREDA	1213N	CR7607	BREDA	224200	D0HZ1175E	FORD	370019A
CP6147B	FAIRB	416865 <sup>28</sup>	CR7050	BREDA	4990	CR7610	BREDA	224820	D0HZ1175F	FORD	370021A
CP6147B	FAIRB	455070	CR7054	BREDA	225220	CR7611	BREDA	224820	D0HZ1190A	FORD	370054A
CP6147C	FAIRB	416107 <sup>28</sup>	CR7056	BREDA	1975	CR7612	BREDA	1955	D0HZ1190B	FORD	370001A
CP6147C	FAIRB	455073	CR7058	BREDA	1932	CR7613	BREDA	1955	D0HZ1190B	FORD	380001A
CP6228A	FAIRB	416364 <sup>28</sup>	CR7062	BREDA	1196	CR7616	BREDA	1955	D0HZ1190C	FORD	370057A
CP813	DEMPC	411253 <sup>28</sup>	CR7063	BREDA	494122	CR7618	BREDA	710227	D0HZ1190D	FORD	370008A

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
D0HZ1190E	FORD	370048A	D121199	GAL	416888 <sup>28</sup>	D24226	GAL	455012	D31132	GAL	455006
D0HZ1190E	FORD	370182A	D130214	GAL	417262 <sup>28</sup>	D2534	THEW	455195	D31224	GAL	450316
D0HZ1190E	FORD	380048A	D1406	THEW	455195	D2534	THEW	472157 <sup>28</sup>	D31224	GAL	472636 <sup>28</sup>
D0HZ1190F	FORD	370048A	D1406	THEW	472157 <sup>28</sup>	D26703	GMC	410059	D33543	GAL	415007
D0HZ1190F	FORD	370182A	D14090	GAL	417269 <sup>28</sup>	D26703	GMC	470380 <sup>28</sup>	D35824	GAL	471442 <sup>28</sup>
D0HZ1190F	FORD	380048A	D14134	GAL	417356 <sup>28</sup>	D271177B	FORD	1994	D3665	CASE	450456 <sup>28</sup>
DOTA1190A	FORD	2222	D14134	GAL	455188	D271177B	FORD	48X70X9 <sup>28</sup>	D3666P	CASE	473215 <sup>28</sup>
D0TP7048A	FORD	471271 <sup>28</sup>	D14190	GAL	415938	D27670	GAL	417344 <sup>28</sup>	D37024	CASE	415991 <sup>28</sup>
D0TZ1175A	FORD	370046A	D1443	OLIVE	416339	D27670	GAL	455006	D37024	CASE	415991N
D0TZ1175B	FORD	5649	D1443	OLIVE	455031 <sup>28</sup>	D27Z1177A	FORD	473823	D37Z7052A	FORD	710051
D0TZ1175C	FORD	370008A	D154	MINNM	415196 <sup>28</sup>	D27Z1177B	FORD	1994	D37Z7052B	FORD	710051
D0TZ1175D	FORD	370023A	D15575	MALL	340120	D27Z1177B	FORD	48X70X9 <sup>28</sup>	D37Z7A248A	FORD	2025
D0TZ1175D	FORD	380023A	D15576	MALL	340413	D27Z1190A	FORD	1992	D3812	THEW	415995 <sup>28</sup>
D0TZ1175D	FORD	5667	D18438	GAL	415072	D27Z4676A	FORD	712011	D3812	THEW	455013
D0TZ1175E	FORD	370009A	D1AP7052AA	FORD	2465 <sup>29</sup>	D27Z-6700-A	FORD	710313	D3813	THEW	470169
D0TZ1175E	FORD	380009A	D1AP7052BA	FORD	7692S	D27Z6701A	FORD	228020	D3813	THEW	473214
D0TZ1175E	FORD	5089 <sup>30</sup>	D1AR3B592A3A	FORD	8773S	D27Z7052A	FORD	1990	D397	ITM	473235 <sup>28</sup>
D0TZ1177A	FORD	710067	D1AR7052A1A	FORD	410059	D28802	GAL	411245 <sup>28</sup>	D3AZ-7A248-A	FORD	6988H
D0TZ1190A	FORD	2222	D1AR7052A1A	FORD	470380 <sup>28</sup>	D28802	GAL	455096	D3HA1175BA	FORD	370019A
D0TZ4676A	FORD	9316	D1AR7052AA	FORD	7692S	D2883	ALLCH	470590	D3HA1175CA	FORD	370020A
D0TZ7A011A	FORD	450519	D1AW1177C	FORD	473228	D2914	ALLCH	412473 <sup>28</sup>	D3HA1175CA	FORD	415351 <sup>28</sup>
DOTZ7A011A	FORD	471271 <sup>28</sup>	D1AW1177C	FORD	51098	D2914	ALLCH	415894	D3HA1190A1A	FORD	370001A
D0UW4676A	FORD	7044NA	D1AW1177D	FORD	8660S	D29195	CASE	417487	D3HA1190A1A	FORD	380001A
D10026	JOHND	203006 <sup>28</sup>	D1AW1177E	FORD	8660S	D29195	CASE	455086	D3HA1190A1A	FORD	6638S
D102210	GAL	416556 <sup>28</sup>	D1AZ1177A	FORD	8660S	D29862	CASE	341022	D3HA1190A2A	FORD	6638S
D102210	GAL	472157	D1AZ1177B	FORD	8660S	D29862	CLARK	341022	D3HA1190B1A	FORD	370048A
D102245	GAL	J1130	D1AZ7052A	FORD	7692S	D2AP7052AA	FORD	7300S	D3HA1190B1A	FORD	370182A
D10297	THEW	415150 <sup>28</sup>	D1DW1177A	FORD	9161	D2AW4676A	FORD	3604	D3HA1190B1A	FORD	380048A
D10312	THEW	415150 <sup>28</sup>	D1FZ6700A	FORD	473560N	D2FZ1177A	FORD	1994	D3HS1175AA	FORD	370023A
D1056	JOHND	450089	D1FZ7052A	FORD	2443	D2FZ1177A	FORD	48X70X9 <sup>28</sup>	D3HS1175AA	FORD	380023A
D105762	GAL	476470	D1FZ7A011A	FORD	2503N	D2FZ7052A	FORD	1990	D3HS1175BA	FORD	370019A
D106339	GAL	415248N	D1HA1190BA	FORD	370057A	D2HA4813A2A	FORD	415995V	D3HS1175CA	FORD	370019A
D106344	GAL	470567	D1HA1190DA	FORD	370057A	D2HA4813AA	FORD	415013N	D3HS1190AA	FORD	370001A
D106344	GAL	471267 <sup>28</sup>	D1HZ1190A	FORD	370001A	D2HA4813AA	FORD	455013	D3HS1190AA	FORD	380001A
D10738	GMC	473230 <sup>28</sup>	D1HZ1190A	FORD	380001A	D2HA4813BA	FORD	415088 <sup>28</sup>	D3HZ1175A	FORD	370003A
D107485	GAL	416137	D1HZ1190B	FORD	370057A	D2HA4813BA	FORD	455088	D3HZ1175A	FORD	380003A
D10779	GAL	416339	D1RY7052A	FORD	33X50X12 <sup>28</sup>	D2HZ3591A	FORD	340413	D3HZ7052A	FORD	415379
D10779	GAL	455031 <sup>28</sup>				D2HZ3591D	FORD	323138 <sup>28</sup>	D3TA1175BA	FORD	370046A
D109853	GAL	471272 <sup>28</sup>	D1TA1190AA	FORD	6954S	D2RY6701A	FORD	3393	D3TA1175CA	FORD	370047A
D10W1177A	FORD	9569S	D1TW1177A	FORD	9568	D2TA4813A	FORD	471271V	D3TA1175CA	FORD	5649 <sup>30</sup>
D11076	GAL	470380 <sup>28</sup>	D1TZ1190B	FORD	416047	D2TA4813A1A	FORD	471271 <sup>28</sup>	D3TA1175FA	FORD	5089
D111	MERIX	416921 <sup>28</sup>	D1TZ1190B	FORD	416332 <sup>28</sup>	D2TA4813BA	FORD	455322V	D3TA1175GA	FORD	370023A
D111	MERIX	455011	D1TZ3254A	FORD	472636 <sup>28</sup>	D2TZ1175A	FORD	415960	D3TA1175GA	FORD	380023A
D111	ROCKW	416921 <sup>28</sup>	D1TZ4676B	FORD	410686N	D2TZ4813A	FORD	450519	D3TA1175J1A	FORD	4250
D111	ROCKW	455011	D1TZ7B215A	FORD	415483 <sup>28</sup>	D2TZ4813A	FORD	471271 <sup>28</sup>	D3TA1175JA	FORD	4250
D111020	GAL	417547	D1TZ7B215A	FORD	455368	D2TZ4813B	FORD	417484N	D3TA1175K2A	FORD	9864S
D112926	GAL	415072	D1TZ7B215B	FORD	473467	D2TZ4813B	FORD	455322N	D3TA1190AA	FORD	4148
D113732	GAL	415371	D1TZ7B215C	FORD	470898	D2TZ6701A	FORD	228020	D3TA1190AB	FORD	4148
D114247	GAL	417555 <sup>28</sup>	D1TZ7B215D	FORD	471341 <sup>28</sup>	D2TZ7B215B	FORD	472635	D3TA1190B1A	FORD	370132A
D11467	GAL	471255 <sup>28</sup>	D1UZ4676A	FORD	7044NA	D2TZ7B215C	FORD	470682	D3TA1190B2A	FORD	370132A
D1150220	SPICE	471795	D1WG7048AA	FORD	2503N	D2UP7052AA	FORD	410059	D3TZ1175A	FORD	4250
D1151300	SPICE	472015 <sup>28</sup>				D2UP7052AA	FORD	470380 <sup>28</sup>	D3TZ1175B	FORD	416273 <sup>28</sup>
D1151300	VIC	472015 <sup>28</sup>	D1ZW1177A	FORD	9363S	D2UP7052AB	FORD	410059	D3TZ1190A	FORD	4148
D11519141	SPICE	450494	D200	MINNM	472439	D2UP7052AB	FORD	470380 <sup>28</sup>	D3TZ7048A	FORD	482163N
D11519141	SPICE	472164 <sup>28</sup>	D2081	THEW	415991	D2UZ7052AA	FORD	410059	D3TZ7288A	FORD	470954 <sup>28</sup>
D1153449	SPICE	410163	D2081	THEW	455146 <sup>28</sup>						
D1153449	SPICE	471766 <sup>28</sup>	D22209	GAL	415001 <sup>28</sup>	D2UZ7052AA	FORD	470380 <sup>28</sup>	D3TZ-7B215A	FORD	410308 <sup>28</sup>
D1153449	VIC	473237 <sup>28</sup>	D22209	GAL	455001	D2VY3B592A	FORD	7013S	D3TZ-7B215A	FORD	473468
D1159141	SPICE	450494	D2244	GRAY	470027	D2X1334	CATER	471271 <sup>28</sup>	D3TZ7B215B	FORD	471869
D1159141	SPICE	472164 <sup>28</sup>	D2244	GRAY	471554 <sup>28</sup>	D3049P	CASE	410183N	D40869	GAL	415991
			D24226	GAL	416654 <sup>28</sup>	D31132	GAL	417344 <sup>28</sup>	D40869	GAL	455146 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
D41447	CASE	415995 <sup>28</sup>	D52Z-7052-A	FORD	2655	D5UZ1190A	FORD	493637	D6ZR7052AA	FORD	7692S
D41447	CASE	455013	D53767	CASE	412920 <sup>28</sup>	D5UZ7A011A	FORD	410308 <sup>28</sup>	D6ZZ7052A	FORD	7692S
D41543	GAL	450069	D53767	JOHND	412920 <sup>28</sup>	D5ZZ7052A	FORD	2655	D70775	GAL	450083
D41543	GAL	473232	D53775	CASE	471766 <sup>28</sup>	D5ZZ7052C	FORD	2655	D70775	GAL	472924 <sup>28</sup>
D42213	GAL	417316 <sup>28</sup>	D53835	CASE	476470	D600500207	CONTI	6863S <sup>28</sup>	D70776	GAL	417252
D42213	GAL	455004	D550	THEW	417316 <sup>28</sup>	D600K-232	CONTI	5M403	D70792	GAL	470898
D42E6700A2A	FORD	2955	D550	THEW	455004	D600M-241	CONTI	470219	D71206	GAL	450494
D42E6700A3A	FORD	2955	D55436	CASE	415263	D600M-241	CONTI	471649 <sup>28</sup>	D71206	GAL	472164 <sup>28</sup>
D42E6700AA	FORD	2955	D578	NORDG	470163	D600S207	CONTI	6863S <sup>28</sup>	D71207	GAL	413248
D42E6701AA	FORD	5108	D578	NORDG	471766 <sup>28</sup>	D600S207	MASSE	6863S <sup>28</sup>	D71402	GAL	415013
D42R7052A	FORD	3116N	D5AP7052AA	FORD	2194	D60319	KOEH	416273 <sup>28</sup>	D71402	GAL	415995 <sup>28</sup>
D42R7052AA	FORD	3116N	D5AP7052BA	FORD	7300S	D60319	THEW	416273 <sup>28</sup>	D71417	GAL	413248
D42R7288AA	FORD	313156	D5AW1177A	FORD	8660S	D61118	GAL	40410S	D7217	WHITE	450431
D42W1177A	FORD	3199	D5AW1177AA	FORD	3195	D61686	GAL	474278	D7217	WHITE	471539 <sup>28</sup>
D440	ITM	450301	D5AW1177BA	FORD	3186	D61686	GAL	6859S	D72594	GAL	456967V <sup>28</sup>
D440	ITM	472397 <sup>28</sup>	D5AW3D526A1A	FORD	471645 <sup>28</sup>	D61687	GAL	411394 <sup>28</sup>	D72836	GAL	416229
D45718	GAL	471744 <sup>28</sup>	D5AW3D526A1A	FORD	471645V	D61687	GAL	450317	D72837	GAL	450519
D465	THEW	455462	D5AZ1177A	FORD	8660S	D61688	GAL	471649 <sup>28</sup>	D72837	GAL	471271 <sup>28</sup>
D46867	GAL	45013S	D5AZ-3D526A	FORD	471645	D62105	THEW	455336	D73740	CASE	415991 <sup>28</sup>
D4721	KOEH	416125 <sup>28</sup>	D5AZ7052A	FORD	7300S	D62214	THEW	416654 <sup>28</sup>	D73740	CASE	415991N
D47371	CASE	416865 <sup>28</sup>	D5AZ7052B	FORD	2194	D62214	THEW	455012	D74734	GAL	415449 <sup>28</sup>
D4740	MUSAS	223420	D5AZ7B498A	FORD	7929S	D62238	THEW	471270 <sup>28</sup>	D74745	GAL	417480 <sup>28</sup>
D4855	THEW	415449 <sup>28</sup>	D5DT7052A3A	FORD	2655	D6239	MUSAS	712001	D74745	GAL	455860
D4855	THEW	455147	D5DW1187A	FORD	3794	D62776	KOEH	455079 <sup>28</sup>	D75082	KOEH	416167 <sup>28</sup>
D48672	THEW	415379 <sup>28</sup>	D5DZ1177A	FORD	3794	D62776	THEW	455079 <sup>28</sup>	D75464	GAL	415483
D48672	THEW	455379	D5FZ7052A	FORD	2443	D63359	THEW	455144	D76003	GAL	473473
D49214	GAL	200642	D5HZ1175A	FORD	370003A	D64053	GAL	417605	D768-011	FORSH	710413
D4AW1177A	FORD	3195	D5HZ1175A	FORD	380003A	D64345	GAL	416327	D77768	GAL	450389
D4AW4676B	FORD	7044NA	D5HZ1190A	FORD	370132A	D66074	GAL	471570 <sup>28</sup>	D77768	GAL	472492 <sup>28</sup>
D4AZ1177A	FORD	3195	D5HZ1190B	FORD	370001A	D66158	GAL	471570 <sup>28</sup>	D79884	GAL	471689 <sup>28</sup>
D4AZ-1225A	FORD	3195	D5HZ1190B	FORD	380001A	D67195	GAL	415138 <sup>28</sup>	D79998	GAL	450118
D4AZ4676A	FORD	7044NA	D5HZ1190B	FORD	6638S	D68122	GAL	415013	D79998	GAL	473449
D4DT7052B3A	FORD	2655	D5HZ1190C	FORD	370048A	D68122	GAL	415995 <sup>28</sup>	D7AR7A283AA	FORD	3638
D4FZ1177A	FORD	3214	D5HZ1190C	FORD	370182A	D68648	GAL	413246	D7AZ-3E502A	FORD	471645
D4FZ1177B	FORD	3199	D5HZ1190C	FORD	380048A	D68648	GAL	413246N	D7HA1175A1A	FORD	370003A
D4FZ6700A	FORD	2955	D5HZ1190D	FORD	370048A	D68649	GAL	472394	D7HA1175A1A	FORD	380003A
D4FZ6701A	FORD	5108	D5HZ1190D	FORD	370182A	D69187	GAL	415138 <sup>28</sup>	D7HS1190CA	FORD	370132A
D4T27B215B	FORD	473204	D5HZ1190D	FORD	380048A	D6AP7052AA	FORD	2194	D7HZ1175A	FORD	370003A
D4TZ4676B	FORD	712625	D5HZ1190E	FORD	370132A	D6AP7052BA	FORD	7692S	D7HZ1175A	FORD	380003A
D4TZ6700A	FORD	413246N	D5HZ-1S190 B	FORD	6638S	D6AZ-3D526A	FORD	471645	D7HZ1175D	FORD	370003A
D4TZ6700A	FORD	483246N	D5HZ-1S190-E	FORD	370132A	D6EW4676A1A	FORD	8181NA	D7HZ1175D	FORD	380003A
D4TZ7B215A	FORD	471870 <sup>28</sup>	D5HZ7B215A	FORD	474276 <sup>28</sup>	D6FZ4676A	FORD	8181NA	D7HZ1175E	FORD	370121A
D4TZ7B215A	FORD	471883	D5HZ8K606A	FORD	471195 <sup>28</sup>	D6HZ7A283A	FORD	473010N	D7HZ4676A	FORD	415082
D4TZ-7B215B	FORD	473204	D5HZ8K606A	FORD	481195	D6HZ7B215A	FORD	452742	D7HZ4676B	FORD	3591
D4TZ7B215C	FORD	472179	D5MW1177A	FORD	3186	D6NN7N838A	FORD	475003N	D7HZ7B215A	FORD	417316 <sup>28</sup>
D4TZ7B215D	FORD	710005	D5MY1177A	FORD	3186	D6TA1175B2A	FORD	3385	D7HZ7B215A	FORD	455004
D4TZB215C	FORD	472179	D5NN-4115B	FORD	455147	D6TZ1175A	FORD	722109	D7RZ6701A	FORD	3393
D4ZW1177A	FORD	3214	D5NN6700A	FORD	483246N	D6TZ1175B	FORD	722108	D82559	GAL	416664 <sup>28</sup>
D4ZZ7052A	FORD	3116N	D5NN7288A	FORD	471231 <sup>28</sup>	D6TZ1175C	FORD	722108	D87224	CASE	456967V <sup>28</sup>
D4ZZ7052B	FORD	2655	D5TZ1190D	FORD	370048A	D6TZ1175CA	FORD	722108	D8AZ-3B592-A	FORD	8773S
D4ZZ7288A	FORD	313156	D5TZ1190D	FORD	370182A	D6TZ-1S175AA	FORD	722109	D8BW1177AA	FORD	8660S
D4ZZ7A248A	FORD	2658V	D5TZ1190D	FORD	380048A	D6TZ1S175CA	FORD	722108	D8BW4676AA	FORD	3604
D51035	THEW	450335	D5TZ4676A	FORD	475234N	D6TZ4676A	FORD	475080N	D8BZ1177A	FORD	8660S
D51051	GAL	480630 <sup>28</sup>	D5UA1175AA	FORD	4250	D6TZ4676B	FORD	9316	D8BZ4676A	FORD	3604
D51051	GAL	480991	D5UA1175BA	FORD	9864S	D6TZ4676C	FORD	9316	D8BZ4676AA	FORD	3604
D51163	GAL	471424 <sup>28</sup>	D5UA1190AA	FORD	493637	D6TZ7B215B	FORD	710005	D8HZ4573C	FORD	415164N
D51517	CASE	410085N	D5UP7052AA	FORD	410059	D6TZ7B215C	FORD	473457 <sup>28</sup>	D8HZ4676A	FORD	3136N
D52761	GAL	417352	D5UP7052AA	FORD	470380 <sup>28</sup>	D6UA1175A	FORD	3385	D8NN-1190CA	FORD	4162
D52761	GAL	418028 <sup>28</sup>	D5UZ1175A	FORD	4250	D6UZ1175A	FORD	3385	D8NN6701AA	FORD	3341
D5294	COC	204002	D5UZ1175B	FORD	9864S	D6VA1175AA	FORD	3385	D8NN6701BA	FORD	3341

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
D8RZ1175A	FORD	3395 <sup>28</sup>	DC7149	LETN	472397 <sup>28</sup>	DE55645	ALLCH	472394	DR1515	MECH	370019A
D8TR7A283AA	FORD	471652	DC8061	LETN	416654 <sup>28</sup>	DE55646	ALLCH	450519	DR1516	MECH	370023A
D8TR7A283AA	FORD	482208 <sup>28</sup>	DC8061	LETN	455012	DE55646	ALLCH	471271 <sup>28</sup>	DR1516	MECH	380023A
D8TR7A283AB	FORD	3638	DC8157	LETN	412725	DE55648	ALLCH	471271 <sup>28</sup>	DR1521	MECH	370003A
D8TZ-1175A	FORD	710045	DD126	OLIVE	450441	DE56591	ALLCH	240119	DR1521	MECH	380003A
D8TZ1175B	FORD	415960	DD126	OLIVE	471341 <sup>28</sup>	DE5798	ALLCH	415023	DR1525	MECH	370022A
D8TZ1175C	FORD	710044	DD16	FUNK	450070	DE60255	ALLCH	450043	DR1525	MECH	380022A
D8TZ-1S175-CA	FORD	710044	DD16	FUNK	472185 <sup>28</sup>	DE60255	ALLCH	473419	DR1528	MECH	370006A
D8TZ3254A	FORD	470682	DD16B16	FUNK	450185	DE60256	ALLCH	470062	DR1531	MECH	370003A
D8TZ3254B	FORD	2300	DD16B16	FUNK	473229	DE60256	ALLCH	474264	DR1531	MECH	380003A
D8TZ-3332-A	FORD	710385	DD2037	LETN	416288 <sup>28</sup>	DE62642	ALLCH	455583N <sup>28</sup>	DR1541	MECH	370003A
D8TZ7B215A	FORD	473468	DD3293	LETN	417205 <sup>28</sup>	DE64411	ALLCH	450431	DR1541	MECH	380003A
D8TZ7B215B	FORD	473457 <sup>28</sup>	DD75269	FABCO	410825	DE64411	ALLCH	471539 <sup>28</sup>	DR15RK	MECH	370019A
D8TZ7B215C	FORD	473468	DD80	EMSCO	415302	DE67238	ALLCH	470596	DR16RK	MECH	370023A
D8UZ-7A283A	FORD	3638	DD8042	LETN	455020	DE67592	ALLCH	450301	DR16RK	MECH	380023A
D8UZ7A283B	FORD	3638	DDN-3539	FORD	223510	DE67592	ALLCH	472397 <sup>28</sup>	DR21RK	MECH	370003A
D92708	GAL	417361	DE10030	ALLCH	450593 <sup>28</sup>	DE68324	ALLCH	413246	DR21RK	MECH	380003A
D93056	GAL	410312N	DE10487	ALLCH	471750 <sup>28</sup>	DE68324	ALLCH	413246N	DR261136	SHOV	240435
D95144	CASE	710026	DE10523	ALLCH	471192	DE69324	ALLCH	413246	DR5RK	MECH	370030A
D9668	GAL	412119 <sup>28</sup>	DE10986	ALLCH	471466 <sup>28</sup>	DE69324	ALLCH	413246N	DR8RK	MECH	370006A
D9668	GAL	450101	DE1106	ALLCH	418028	DE70359	ALLCH	417354 <sup>28</sup>	DR9RK	MECH	370019A
D979	MINNM	417191	DE1106	ALLCH	455137 <sup>28</sup>	DE70419	ALLCH	471763	DRE10RK	MECH	370023A
D979	MINNM	455165 <sup>28</sup>	DE11125	ALLCH	470077	DE7359	ALLCH	417354 <sup>28</sup>	DRE10RK	MECH	380023A
D9AC3B592AA	FORD	8773S	DE11125	ALLCH	474281 <sup>28</sup>	DF1600	LETN	416239 <sup>28</sup>	DRE11RK	MECH	370019A
D9AW4676AA	FORD	3604	DE11323	ALLCH	416047	DF699	LETN	415138 <sup>28</sup>	DRE12RK	MECH	370021A
D9AZ3B592A	FORD	8773S	DE11323	ALLCH	416332 <sup>28</sup>	DGP13594	FAIRB	470712 <sup>28</sup>	DRE14RK	MECH	370023A
D9AZ4676A	FORD	3604	DE1461	ALLCH	471137	DGP13954	FAIRB	472144 <sup>28</sup>	DRE14RK	MECH	380023A
D9AZ467AA	FORD	3604	DE1537	ALLCH	471763	DGP14124	FAIRB	416271 <sup>28</sup>	DRE1RK	MECH	370003A
D9BW4676A2A	FORD	3618	DE15694	ALLCH	415234 <sup>28</sup>	DHT55020	MARMO	415371	DRE1RK	MECH	380003A
D9BW4676AA	FORD	3618	DE2452	ALLCH	450040	DHT55021	MARMO	416011	DRE24RK	MECH	370036A
D9BZ1177A	FORD	3214	DE2630	ALLCH	450083	DHT55021	MARMO	417621 <sup>28</sup>	DRE24RK	MECH	370349A
D9BZ1177B	FORD	3214	DE2630	ALLCH	472924 <sup>28</sup>	DHT-55065	MARMO	415984 <sup>28</sup>	DRE24RK	MECH	380036A
D9BZ4676A	FORD	3618	DE2631	ALLCH	470059	DHT-55066	MARMO	417485	DRE2RK	MECH	370030A
D9BZ-7052A	FORD	2194	DE2631	ALLCH	470380 <sup>28</sup>	DK2781	F-R-H	417516	DRE30RK	MECH	370006A
D9TZ7052A	FORD	473442 <sup>28</sup>	DE30186	ALLCH	450067	DM14	LK-BT	455019 <sup>28</sup>	DRE3RK	MECH	370005A
D9TZ7B215A	FORD	3173	DE30186	ALLCH	473228	DMX4200	ALLCH	340413	DRE4501	MECH	370003A
D9TZ7B215A	FORD	710928	DE31142	ALLCH	470045	DO10071	GMC	450068	DRE4501	MECH	380003A
DA320	EMSCO	415991	DE31142	ALLCH	476838 <sup>28</sup>	DO10778	GAL	455024	DRE4502	MECH	370030A
DA320	EMSCO	455146 <sup>28</sup>	DE31846	ALLCH	470059	DO-20	ATP	7751H	DRE4503	MECH	370005A
DA3724	JA-HE	471646 <sup>28</sup>	DE31846	ALLCH	470380 <sup>28</sup>	DO-23	ATP	451147H	DRE4504	MECH	370005A
DAX10680	GMC	455200N	DE31983	ALLCH	417484N	DO-7	ATP	470774 <sup>28</sup>	DRE4505	MECH	370005A
DAX2769	GMC	470380 <sup>28</sup>	DE31983	ALLCH	455322	DP1648	ADAMS	415995 <sup>28</sup>	DRE4506	MECH	370005A
DAX6717	GMC	472258 <sup>28</sup>	DE40655	ALLCH	471570 <sup>28</sup>	DP1648	ADAMS	455013	DRE4507	MECH	370005A
DB114	EMSCO	450133	DE4084	ALLCH	471570 <sup>28</sup>	DP1648	LETN	415995 <sup>28</sup>	DRE4508	MECH	370005A
DB5Z-7H426-A	FORD	710971	DE41209	ALLCH	416011	DP1648	LETN	455013	DRE4509	MECH	370005A
DC2173	LETN	450094	DE41209	ALLCH	417621 <sup>28</sup>	DP1648	WABCO	415995 <sup>28</sup>	DRE4510	MECH	370023A
DC2173	LETN	473462	DE41925	ALLCH	240385	DP1648	WABCO	455013	DRE4510	MECH	380023A
DC2174	LETN	470163	DE44663	ALLCH	473448	DR11RK	MECH	370003A	DRE4511	MECH	370019A
DC2174	LETN	471766 <sup>28</sup>	DE45207	ALLCH	417344 <sup>28</sup>	DR11RK	MECH	380003A	DRE4512	MECH	370021A
DC38	EMSCO	417205 <sup>28</sup>	DE45207	ALLCH	455006	DR12RK	MECH	370021A	DRE4514	MECH	370023A
DC3959	LETN	416666	DE46231	ALLCH	415938	DR14RK	MECH	370023A	DRE4514	MECH	380023A
DC4823	LETN	450183	DE46686	ALLCH	450639	DR14RK	MECH	380023A	DRE4515	MECH	370023A
DC4823	LETN	472179	DE50319	ALLCH	472394	DR1505	MECH	370030A	DRE4515	MECH	380023A
DC4988	LETN	411245 <sup>28</sup>	DE51142	ALLCH	470045	DR1508	MECH	370006A	DRE4516	MECH	370023A
DC4988	LETN	455096	DE51142	ALLCH	476838 <sup>28</sup>	DR1509	MECH	370019A	DRE4516	MECH	380023A
DC57	EMSCO	412040	DE51188	ALLCH	450441	DR1511	MECH	370003A	DRE4517	MECH	370023A
DC7147	LETN	450316	DE51188	ALLCH	471341 <sup>28</sup>	DR1511	MECH	380003A	DRE4517	MECH	380023A
DC7147	LETN	472636 <sup>28</sup>	DE51737	ALLCH	471820	DR1512	MECH	370021A	DRE4518	MECH	370023A
DC7148	LETN	415187	DE5534	ALLCH	470027	DR1513	MECH	370005A	DRE4518	MECH	380023A
DC7149	LETN	450301	DE5534	ALLCH	471554 <sup>28</sup>	DR1514	MECH	370005A	DRE4519	MECH	370023A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
DRE4519	MECH	380023A	DX-028	COC	470163	E0TW1177BA	FORD	3195	E19869	GEM	240414
DRE4520	MECH	370023A	DX-028	COC	471766 <sup>28</sup>	E0TW4676A1A	FORD	7044NA	E19897	JOHND	6703S
DRE4520	MECH	380023A	DX13735	GMC	472319	E0TZ1175A	FORD	9864S	E19897E	JOHND	6703S
DRE4521	MECH	370023A	DX1668	GMC	450431	E0TZ1177A	FORD	710067	E1AP7052A	FORD	7692S
DRE4521	MECH	380023A	DX1668	GMC	471539 <sup>28</sup>	E0TZ1177B	FORD	3195	E1AP7052AA	FORD	7692S
DRE4524	MECH	370036A	DX1780	GMC	450030	E0TZ1177C	FORD	473228	E1AP-7052BA	FORD	7300S
DRE4524	MECH	370349A	DX1780	GMC	474253	E0TZ1177C	FORD	51098	E1AW1177AA	FORD	8660S
DRE4524	MECH	380036A	DX2202	GMC	417548	E0TZ1190A	FORD	4148	E1AZ1177A	FORD	8660S
DRE4525	MECH	370022A	DX23256	GMC	470351	E0TZ1190B	FORD	4160	E1AZ1177B	FORD	8660S
DRE4525	MECH	380022A	DX23256	GMC	471504 <sup>28</sup>	E0TZ1190C	FORD	4148	E1EP7F401A2A	FORD	4539V
DRE4530	MECH	370006A	DX24039	GMC	450301	E0TZ1190D	FORD	4160	E1EW1177A1A	FORD	3622
DRE5061	MECH	370003A	DX24039	GMC	472397 <sup>28</sup>	E0TZ1190E	FORD	4160	E1EW1177A3A	FORD	3622
DRE5061	MECH	380003A	DX24040	GMC	450444	E0TZ-1S177-BA	FORD	3195	E1FZ1175A	FORD	473677
DRE5062	MECH	370030A	DX24040	GMC	471835 <sup>28</sup>	E0TZ3254A	FORD	710043	E1FZ1177A	FORD	3622
DRE5063	MECH	370005A	DX26099	GMC	471413 <sup>28</sup>	E0TZ3254B	FORD	2146	E1FZ1S175A	FORD	473677
DRE5070	MECH	370023A	DX26208	GMC	417484N	E0TZ4676A	FORD	9316	E1FZ-1S177A	FORD	3622
DRE5070	MECH	380023A	DX26208	GMC	455322	E0TZ4676B	FORD	7044NA	E1FZ6700A	FORD	3771
DRE5071	MECH	370019A	DX2815	GMC	417487	E0TZ7B215A	FORD	341022	E1FZ6701A	FORD	3772
DRE5072	MECH	370021A	DX2815	GMC	455014	E0TZ7B215B	FORD	3946	E1FZ6701A	FORD	5287
DRE5074	MECH	370023A	DX28649	GMC	470351	E0TZ7B215C	FORD	710062	E1FZ6K292A	FORD	3774
DRE5074	MECH	380023A	DX28649	GMC	471504 <sup>28</sup>	E0TZ7B215D	FORD	3946	E1FZ7B498A	FORD	342517
DRE5081	MECH	370003A	DX30028	MASSE	450085	E0W1177AA	FORD	9569S	E1FZ7F401A	FORD	4539V
DRE5081	MECH	380003A	DX30028	MASSE	470530 <sup>28</sup>	E0ZR7288AA	FORD	313156	E1HT1175AA	FORD	370003A
DRE5083	MECH	370030A	DX30183	MASSE	417343 <sup>28</sup>	E0ZZ7052A	FORD	2443	E1HT1175AA	FORD	380003A
DRE5084	MECH	370036A	DX30765	MASSE	240733	E0ZZ7288A	FORD	313156	E1HT1175BA	FORD	370003A
DRE5084	MECH	370349A	DX31660	MASSE	450301	E0ZZ-7A283A	FORD	222820	E1HT1175BA	FORD	380003A
DRE5084	MECH	380036A	DX31660	MASSE	472397 <sup>28</sup>	E1050930	SPICE	415147	E1HZ1175A	FORD	370003A
DRE5085	MECH	370022A	DX32980	GMC	240435	E1050930	SPICE	415449 <sup>28</sup>	E1HZ1175A	FORD	380003A
DRE5085	MECH	380022A	DX3472	GMC	455251H	E1091	EUCLD	376590A	E1HZ1175B	FORD	370003A
DRE5090	MECH	370006A	DX35048	GMC	482069N	E11093	AT SU	450365	E1HZ1175B	FORD	380003A
DRE61RK	MECH	370003A	DX38472	GMC	415327	E11093	AT SU	470898 <sup>28</sup>	E1HZ4676A	FORD	100263
DRE61RK	MECH	380003A	DX38493	GMC	450084 <sup>28</sup>	E1110	WHITE	410987 <sup>28</sup>	E1HZ4676A	FORD	3905
DRE62RK	MECH	370030A	DX39218	GMC	417365	E1110	WHITE	450103	E1SM6700A4A	FORD	3771
DRE63RK	MECH	370005A	DX43140	GMC	476470	E1127699	CHRYL	472012	E1T24676A	FORD	5778
DRE70RK	MECH	370023A	DX49720	GMC	470954V	E11381	GEM	471442 <sup>28</sup>	E1TZ7B215A	FORD	3946
DRE70RK	MECH	380023A	DX5309	GMC	410312N	E11449	GEM	6703S	E1TZ7B215B	FORD	3173
DRE71RK	MECH	370019A	DX75341	MASSE	471267 <sup>28</sup>	E11923	GEM	480630 <sup>28</sup>	E1TZ7B215B	FORD	710928
DRE72RK	MECH	370021A	DY11683	EATON	471801 <sup>28</sup>	E1269	EUCLD	240736	E20366E	JOHND	240119
DRE74RK	MECH	370023A	DY11730	EATON	471984	E13232	IH	473458	E207	MINNM	470163
DRE74RK	MECH	380023A	DY11731	EATON	471984	E13993	IH	471192	E207	MINNM	471766 <sup>28</sup>
DRE81RK	MECH	370003A	E-05500	EUCLD	357PKG	E1443	WHITE	471138 <sup>28</sup>	E20811	FULLE	415458 <sup>28</sup>
DRE81RK	MECH	380003A	E0A1175	FORD	473238 <sup>28</sup>	E1471180	ALLCH	415867	E20811	FULLE	455003
DRE85RK	MECH	370022A	E0AZ-7F337-A	FORD	7929S	E1471545	ALLCH	352541	E21330	FULLE	415003
DRE85RK	MECH	380022A	E0DT7052A3A	FORD	2655	E15419	GEM	450115	E21330	FULLE	415458 <sup>28</sup>
DRE90RK	MECH	370006A	E0DW1177AA	FORD	9569S	E15419	GEM	473467	E2136	FULLE	415086N
DS13	VICK	473447	E0DZ1177B	FORD	9569S	E1569	WHITE	412871 <sup>28</sup>	E2136	FULLE	417487 <sup>28</sup>
DS2004101	DTCOM	710877	E0ET7048AA	FORD	2503N	E1569	WHITE	450329	E215	PORTR	416892 <sup>28</sup>
DS54381	DTCOM	710863	E0ET7052AA	FORD	2443	E1582	WHITE	470565 <sup>28</sup>	E217	PORTR	470163
DT7591	DTCOM	710959	E0HT1190AA	FORD	370001A	E1590	OLIVE	471267 <sup>28</sup>	E217	PORTR	471766 <sup>28</sup>
DTA72646	FMC	471571	E0HT1190AA	FORD	380001A	E1590	WHITE	471267 <sup>28</sup>	E21812	FULLE	415449 <sup>28</sup>
DTA72647	FMC	472560N <sup>28</sup>	E0HZ4676A	FORD	477163N	E16468E	JOHND	6545	E21812	FULLE	455147
DTA72647	FMC	50151S	E0HZ4676B	FORD	477163N	E17609	JOHND	416339	E21830	FULLE	455018
DTA72648	FMC	450519	E0HZ7052A	FORD	472213	E17609E	JOHND	416339	E21830	FULLE	476470
DTA72648	FMC	471271 <sup>28</sup>	E0NN1190AA	FORD	4162	E18979	JOHND	203006 <sup>28</sup>	E227	PORTR	416865 <sup>28</sup>
DTA72649	FMC	416919N	E0RZ7288A	FORD	313156	E18979E	JOHND	203006 <sup>28</sup>	E227	PORTR	455070
DTA72887	FMC	240735	E0TA1175AA	FORD	9864S	E193	GRAY	416921 <sup>28</sup>	E23614	FULLE	5857
DTA84924	FORD	416888 <sup>28</sup>	E0TA1190B1A	FORD	4160	E193	GRAY	455011	E2400300	CHRYL	7300S
DV1612	DALMO	240435	E0TW1177A1A	FORD	710067	E19501	GEM	6703S	E25091	EATON	471276
DVL4845	MARMO	340797	E0TW1177A2A	FORD	473228	E19505	GEM	471689 <sup>28</sup>	E2556	FULLE	415146 <sup>28</sup>
DW300208-5	TROS	8430S	E0TW1177A2A	FORD	51098	E19799	GEM	240949	E2556	FULLE	415991

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
E27012	FULLE	450352	E38705	WILYS	472179	E3TZ7B215G	FORD	710403	E53786M	CHRYS	471689 <sup>28</sup>
E27012	FULLE	472164 <sup>28</sup>	E38707	WILYS	471801 <sup>28</sup>	E3TZ7B215H	FORD	710062	E54058	JOHND	472535
E27W4676A1A	FORD	3604	E38714	WILYS	472179	E400B-201	CONTI	327303 <sup>28</sup>	E5DW4676AA	FORD	3604
E27W4676AA	FORD	3604	E3EC-1N013-AA	FORD	710365	E43E6700A2A	FORD	714075	E5DZ4676A	FORD	3604
E28265	FULLE	417196 <sup>28</sup>	E3ER-7288-AA	FORD	710274	E43E6700D	FORD	223420	E5HN6700AA	FORD	712511
E29006	IH	470163	E3FZ-3K070-A	FORD	710365	E43Z6700A	FORD	714075	E5HT1175CA	FORD	370023A
E29006	IH	471766 <sup>28</sup>	E3FZ7A011A	FORD	3638	E43Z6700A2A	FORD	714075	E5HT1175CA	FORD	380023A
E2DZ-7052A	FORD	7692S	E3FZ7F401A	FORD	4539V	E43Z6700B	FORD	223012	E5HT1175GA	FORD	370003A
E2HS1175AA	FORD	370047A	E3HZ1190B	FORD	370001A	E43Z6700B	FORD	30X44X7 <sup>28</sup>	E5HT1175GA	FORD	380003A
E2HS1175BA	FORD	370009A	E3HZ1190B	FORD	380001A	E43Z6700D	FORD	223420	E5HT1190AA	FORD	370132A
E2HS1175BA	FORD	380009A	E3HZ1190C	FORD	370048A	E43Z6700E	FORD	714075	E5HT1190DA	FORD	370001A
E2HS1175CA	FORD	370047A	E3HZ1190C	FORD	370182A	E43Z6700F	FORD	223012	E5HT1190DA	FORD	380001A
E2HS1175DA	FORD	370004A	E3HZ1190C	FORD	380048A	E43Z6700F	FORD	30X44X7 <sup>28</sup>	E5HZ1190A	FORD	370132A
E2HS1190AA	FORD	370054A	E3HZ1S190C	FORD	370182A	E43Z6700G	FORD	223235	E5HZ4573A	FORD	100494
E2HS1190BA	FORD	370048A	E3HZ4573A	FORD	415164N	E43Z6701A	FORD	229005	E5HZ4573A	FORD	416470N
E2HS1190BA	FORD	370182A	E3HZ4573C	FORD	415164N	E43Z-7288-A	FORD	710274	E5HZ4676A	FORD	417986N
E2HS1190BA	FORD	380048A	E3HZ4674A	FORD	712937	E44082	CUMMI	473224 <sup>28</sup>	E5HZ4676B	FORD	415082N
E2HS1190CA	FORD	370132A	E3HZ4676A	FORD	9773	E44473	CUMMI	340385	E5NN6701BA	FORD	712449
E2HT1190AA	FORD	370001A	E3HZ4676B	FORD	475012N	E44583	CUMMI	470059	E5RY-1177-A	FORD	22250
E2HT1190AA	FORD	380001A	E3HZ4676C	FORD	475003N	E44583	CUMMI	470380 <sup>28</sup>	E5RY-1177-A	FORD	42X62X8 <sup>28</sup>
E2HT1190BA	FORD	370048A	E3HZ7048A	FORD	482041N	E45	NOVO	470059	E5TE6700A2A	FORD	2942
E2HT1190BA	FORD	370182A	E3TA-1190-CA	FORD	4250	E45	NOVO	470380 <sup>28</sup>	E5TW1177AA	FORD	710067
E2HT1190BA	FORD	380048A	E3TW1177A1A	FORD	8835S	E45116	CUMMI	470954 <sup>28</sup>	E5TW1177BA	FORD	370047A
E2HZ1177A	FORD	370003A	E3TW1177A2A	FORD	8835S	E45123	CUMMI	472810 <sup>28</sup>	E5TW4676BA	FORD	4278
E2HZ1177A	FORD	380003A	E3TW-1177AA	FORD	8835S	E45374	CUMMI	39302	E5TZ1177A	FORD	710067
E2NN-6701-BA	FORD	3341	E3TZ1175B	FORD	722109	E456500SS	PACIF	416500 <sup>28</sup>	E5TZ1177B	FORD	370047A
E2TA1190AA	FORD	370001A	E3TZ1175C	FORD	722109	E45Y6700A	FORD	223801 <sup>28</sup>	E5TZ1190A	FORD	6815
E2TA1190AA	FORD	380001A	E3TZ1175D	FORD	722108	E45Y6700B	FORD	716484	E5TZ-1S190A	FORD	6815
E2TA1190CA	FORD	4148	E3TZ1177A	FORD	8835S	E45Y6701A	FORD	229005	E5TZ3254A	FORD	710095
E2TE6701A2A	FORD	713750	E3TZ1190A	FORD	8312	E48313	JOHND	204017	E5TZ-3332-A	FORD	710304
E2TW4676AA	FORD	7044NA	E3TZ1190B	FORD	6815	E49968	JOHND	3095	E5TZ4676A	FORD	4278
E2TZ4676A	FORD	7044NA	E3TZ1190C	FORD	4148	E4EE6701A2A	FORD	3772	E5TZ4676B	FORD	4278
E2ZE6701A2A	FORD	3909	E3TZ1190D	FORD	4148	E4FZ6701A	FORD	3772	E5TZ4676C	FORD	9316
E2ZE6701A4A	FORD	3909	E3TZ-1225A	FORD	8835S	E4HN6701AA	FORD	712449	E5TZ6700A	FORD	221610
E2ZE6701A4A	FORD	5277	E3TZ-1S175DA	FORD	722108	E4HT1175AA	FORD	370003A	E5TZ6700B	FORD	224460
E2ZE6701AA	FORD	3909	E3TZ-1S177A	FORD	8835S	E4HT1175AA	FORD	380003A	E5TZ6700C	FORD	2942
E2ZZ6701A	FORD	3909	E3TZ1S190A	FORD	8312	E4HZ1175B	FORD	370003A	E5TZ6700D	FORD	712007
E2ZZ7052A	FORD	2655	E3TZ3254A	FORD	3543	E4HZ1175B	FORD	380003A	E5TZ6701A	FORD	228005
E30479	JOHND	415449 <sup>28</sup>	E3TZ3254B	FORD	710065	E4HZ4478A	FORD	4561V	E5TZ6701C	FORD	2377
E3159	CHRYS	416127	E3TZ3254C	FORD	470672	E4HZ4573A	FORD	100495	E5TZ6701D	FORD	3893V
E3160	CHRYS	416127	E3TZ-3738-A	FORD	221922	E4HZ4676A	FORD	100263	E5TZ7052A	FORD	223014
E31920	JOHND	472185 <sup>28</sup>	E3TZ3B470A	FORD	340835	E4HZ4676A	FORD	3905	E5TZ7052B	FORD	2655
E31925	JOHND	415072	E3TZ-3B470B	FORD	340835	E4HZ4676B	FORD	3143N	E5TZ7A248A	FORD	2658V
E31926	JOHND	416239 <sup>28</sup>	E3TZ4676A	FORD	3604	E4HZ7050C	FORD	473814	E5TZ7B215A	FORD	3946
E32037M	CHRYS	450025	E3TZ-4676-B	FORD	4244	E4HZ7B215A	FORD	330749V	E5ZZ6701A	FORD	3909
E32037M	CHRYS	471553 <sup>28</sup>	E3TZ6700A	FORD	3894V	E4HZ7B215B	FORD	5133	E619	NOVO	450593 <sup>28</sup>
E32252015	IH	473227	E3TZ6700B	FORD	8316	E4HZ7B215C	FORD	39930	E620	OLIVE	472299
E32252033	IH	416921 <sup>28</sup>	E3TZ6700C	FORD	473560N	E4LY-7A248A	FORD	224052	E620	WHITE	472299
E32252033	IH	455011	E3TZ6701A	FORD	3893V	E4TE6701AA	FORD	5118	E62795	AT SU	481864
E32252038	IH	471869	E3TZ6701C	FORD	2377	E4TW4676A1A	FORD	3604	E632008	GMC	416865 <sup>28</sup>
E32252038	IH	473459	E3TZ7052A	FORD	2443	E4TZ1190A	FORD	4250	E634125-3	LEROI	415437
E32354E	JOHND	471649 <sup>28</sup>	E3TZ-7052B	FORD	710403	E4TZ-1S190A	FORD	4250	E63568	GMC	416158
E328332	IH	417316 <sup>28</sup>	E3TZ-7052C	FORD	2443	E4TZ3254A	FORD	710043	E63E6700A2A	FORD	714075
E36542	JOHND	41461S	E3TZ7A011	FORD	3622	E4TZ3254B	FORD	710043	E63E6700AA	FORD	714075
E36910	FULLE	412920 <sup>28</sup>	E3TZ7B215A	FORD	710403	E4TZ3B470A	FORD	722108	E653724	GMC	471652
E37542	JOHND	41461S	E3TZ7B215B	FORD	710062	E4TZ4676A	FORD	5778	E663125-3	LEROI	415437
E37A1190AB	FORD	8312	E3TZ7B215C	FORD	4141	E4TZ4676C	FORD	5778	E66943M	CHRYS	471750 <sup>28</sup>
E37A1190BA	FORD	6815	E3TZ7B215D	FORD	4141	E4TZ-7B215A	FORD	4333N	E66944M	CHRYS	416892 <sup>28</sup>
E37A-3B470AB	FORD	340835	E3TZ7B215E	FORD	710403	E4ZE6701A2A	FORD	3772	E67409M	CHRYS	417563
E38705	WILYS	450183	E3TZ7B215F	FORD	710062	E50607	JOHND	291099	E67410M	CHRYS	417563

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
E682661	GMC	415483	E7075331	LUF	411376 <sup>2B</sup>	E7TZ-7052A	FORD	4503N	E9020225	LUF	472185 <sup>2B</sup>
E693	OLIVE	450298	E7075332	LUF	473239 <sup>2B</sup>	E7TZ7052B	FORD	710329	E9020227	LUF	473238 <sup>2B</sup>
E693	OLIVE	473239	E7075593	LUF	410520	E7TZ7052C	FORD	1217	E9020230	LUF	450094
E6AE6700A2A	FORD	2692	E7075593	LUF	471272 <sup>2B</sup>	E7TZ7052D	FORD	1209	E9020230	LUF	473462
E6DC1249AA	FORD	6815	E7075689	LUF	415645 <sup>2B</sup>	E7TZ-7228A	FORD	330385	E9020240	LUF	471833
E6DW1177AA	FORD	3622	E7075689	LUF	455104	E7TZ7B215B	FORD	714503	E9020250	LUF	471833
E6DW-117AA	FORD	8835S	E7075690	LUF	474274	E7UZ4676A	FORD	719316	E9020255	LUF	410312N
E6DZ1177A	FORD	3622	E7075786	LUF	415725 <sup>2B</sup>	E7ZZ6701A	FORD	3909	E9020260	LUF	473245 <sup>2B</sup>
E6DZ1177AM	FORD	3622	E7075788	LUF	415867	E80420	WILYS	450365	E9020270	LUF	410520
E6DZ1249A	FORD	6815	E7075792	LUF	417603 <sup>2B</sup>	E80420	WILYS	470898 <sup>2B</sup>	E9020270	LUF	471272 <sup>2B</sup>
E6DZ3591A	FORD	710504	E7075813	LUF	417343 <sup>2B</sup>	E804820	WILYS	450365	E9020279	LUF	413247 <sup>2B</sup>
E6DZ6700A	FORD	2692	E7076823	LUF	415563	E804820	WILYS	470898 <sup>2B</sup>	E9020279	LUF	450350
E6DZ-7F337-A	FORD	710643	E7076823	LUF	417433 <sup>2B</sup>	E810751	WILYS	240733	E9020280	LUF	413247 <sup>2B</sup>
E6DZ7F401A	FORD	4189H	E7077966	LUF	471466 <sup>2B</sup>	E83Z4676A	FORD	472258V	E9020280	LUF	450350
E6EE6700A2A	FORD	3771	E7089921	LUF	386590A	E83Z6700A	FORD	714075	E9020285	LUF	417073
E6EE6K292A2A	FORD	3774	E71	BRAD	471267 <sup>2B</sup>	E844	NOVO	470062	E9020290	LUF	417073
E6FZ7F401A	FORD	4539V	E711456	GMC	416951	E844	NOVO	474264	E9020300	LUF	415449 <sup>2B</sup>
E6HS1175AA	FORD	370003A	E71175M	CHRYL	471571	E845	NOVO	470059	E9020300	LUF	455147
E6HS1175AA	FORD	380003A	E728	NOVO	471763	E845	NOVO	470380 <sup>2B</sup>	E9020305	LUF	455655 <sup>2B</sup>
E6HS1175BA	FORD	370023A	E729	NOVO	471689 <sup>2B</sup>	E865	NORDG	450326	E9020310	LUF	415458 <sup>2B</sup>
E6HS1175BA	FORD	380023A	E755	NOVO	471255 <sup>2B</sup>	E86884	CHRYL	40140S	E9020310	LUF	455003
E6HT1175AA	FORD	370023A	E756	NOVO	471570 <sup>2B</sup>	E87W4676AA	FORD	4278	E9020320	LUF	455151
E6HT1175AA	FORD	380023A	E759286	LUF	417567	E87W4676BA	FORD	3604	E9020330	LUF	417316 <sup>2B</sup>
E6HZ1175C	FORD	370023A	E7AZ6701A	FORD	2377	E8BZ1177A	FORD	1126	E9020345	LUF	416654 <sup>2B</sup>
E6HZ1175C	FORD	380023A	E7EE6701A1A	FORD	3772	E8BZ-1177B	FORD	2007N	E9020345	LUF	455012
E6HZ1175E	FORD	370023A	E7FZ6700A	FORD	3771	E8BZ1S177A	FORD	1126	E9020350	LUF	475012N
E6HZ1175E	FORD	380023A	E7FZ6701A	FORD	3772	E8BZ1S177B	FORD	2007N	E9020360	LUF	417349 <sup>2B</sup>
E6HZ1190A	FORD	370132A	E7FZ6K292A	FORD	3774	E8BZ7A011A	FORD	222238	E9020365	LUF	417349 <sup>2B</sup>
E6HZ1190D	FORD	370001A	E7GT-1177D	FORD	2007N	E8DE6701AA	FORD	3772	E9020369	LUF	415995 <sup>2B</sup>
E6HZ1190D	FORD	380001A	E7GZ-1177A	FORD	4990	E8DE6701AP	FORD	3772	E9020369	LUF	455013
E6HZ-1S175-E	FORD	370023A	E7GZ-1177B	FORD	710323	E8DZ6701A	FORD	3772	E9020370	LUF	415836
E6HZ-1S175-E	FORD	380023A	E7GZ-1177C	FORD	710311	E8GY-1177A	FORD	1973	E9020370	LUF	415995 <sup>2B</sup>
E6HZ4676A	FORD	712011	E7GZ-1177D	FORD	2007N	E8HZ7B215A	FORD	39920	E9020390	LUF	455022
E6HZ4676B	FORD	4564V	E7GZ-1177E	FORD	2007N	E8TA-1175AA	FORD	370018A	E9020400	LUF	415304
E6HZ4676D	FORD	455088V	E7GZ1S177A	FORD	4990	E8TW1177BA	FORD	370047A	E9020400	LUF	476470 <sup>2B</sup>
E6HZ6701A	FORD	712449	E7GZ1S177B	FORD	710323	E8TW4676AA	FORD	4278	E9020405	LUF	415025
E6HZ6701B	FORD	712449	E7GZ6700A	FORD	223012	E8TZ1175A	FORD	370018A	E9020410	LUF	455026
E6HZ7048A	FORD	710211	E7GZ6701A	FORD	228250	E8TZ1177B	FORD	370047A	E9020415	LUF	415991 <sup>2B</sup>
E6SP1177AA	FORD	3622	E7GZ7288A	FORD	221620	E8TZ-4676B	FORD	4278	E9020415	LUF	415991N
E6SP-7F337-AA	FORD	710643	E7GZ7A011A	FORD	222430	E8TZ4676C	FORD	3604	E9020420	LUF	415991
E6SP-7F401-A	FORD	4189H	E7HT1190AA	FORD	370001A	E8TZ7050E	FORD	223535	E9020420	LUF	455146 <sup>2B</sup>
E6SP7F401AA	FORD	4189H	E7HT1190AA	FORD	380001A	E8TZ7052A	FORD	1990	E9020425	LUF	415437
E6TA1190AA	FORD	4148	E7HZ1175A	FORD	370047A	E8TZ-7052B	FORD	223012	E9020440	LUF	417501
E6TZ1190A	FORD	4148	E7HZ1190A	FORD	370001A	E8TZ7052C	FORD	7692S	E9020445	LUF	415379
E6TZ-1S190A	FORD	4148	E7HZ1190A	FORD	380001A	E8TZ7052D	FORD	1981	E9020450	LUF	415379
E6TZ6700A	FORD	473560N	E7HZ-1S175-A	FORD	370047A	E8TZ7052F	FORD	223608	E9020455	LUF	415379
E6TZ6701A	FORD	5118	E7HZ-1S190-A	FORD	370001A	E8TZ7B215A	FORD	4503N	E9020465	LUF	415034 <sup>2B</sup>
E6TZ7B216A	FORD	330385 <sup>2B</sup>	E7HZ-1S190-A	FORD	380001A	E8ZZ6700A	FORD	2955	E9020465	LUF	455034
E6ZE6700A2A	FORD	2955	E7HZ4676A	FORD	417987N	E9020080	LUF	471567 <sup>2B</sup>	E9020470	LUF	415034 <sup>2B</sup>
E6ZE6700AA	FORD	2955	E7HZ6700A	FORD	712511	E9020090	LUF	351267	E9020470	LUF	455034
E6ZE6701A2A	FORD	3909	E7HZ7052A	FORD	415004V	E9020090	LUF	471267 <sup>2B</sup>	E9020480	LUF	415035 <sup>2B</sup>
E6ZE6701A2A	FORD	5277	E7HZ7918A	FORD	713750	E9020097	LUF	471646 <sup>2B</sup>	E9020480	LUF	455035
E70	BRAD	471652	E7RY-1175-A	FORD	710463	E9020100	LUF	470590	E9020485	LUF	415035
E7059144	LUF	417549 <sup>2B</sup>	E7TA1190BA	FORD	4160	E9020120	LUF	471689 <sup>2B</sup>	E9020485	LUF	475845 <sup>2B</sup>
E7059160	LUF	55469	E7TA-1190-CA	FORD	710091	E9020130	LUF	470712 <sup>2B</sup>	E9020490	LUF	415035
E7066676	LUF	450301	E7TZ1177A	FORD	2146	E9020180	LUF	470548	E9020490	LUF	415953
E7066676	LUF	472397 <sup>2B</sup>	E7TZ1190A	FORD	710091	E9020180	LUF	470625 <sup>2B</sup>	E9020491	LUF	415036
E7066677	LUF	455018	E7TZ1190B	FORD	4160	E9020198	LUF	473232 <sup>2B</sup>	E9020495	LUF	415041
E7066677	LUF	476470	E7TZ1S190A	FORD	710091	E9020210	LUF	473236 <sup>2B</sup>	E9020505	LUF	455194
E7075330	LUF	473225	E7TZ-1S190B	FORD	4160	E9020220	LUF	472185 <sup>2B</sup>	E9020510	LUF	416556 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
E9020510	LUF	472157	E9S4B416AB	FORD	714569	EL0900421	MERIX	415483 <sup>28</sup>	ERR5992	ROVER	225010
E9020515	LUF	415196 <sup>28</sup>	E9S24B416A	FORD	714569	EL0900421	MERIX	455368	ES 1008-1	MCCOR	9845
E9020520	LUF	415196 <sup>28</sup>	E9TP7052AA	FORD	7300S	EL0900421	ROCKW	415483 <sup>28</sup>	ES1164	AVCO	412871 <sup>28</sup>
E9020532	LUF	417525	E9TP7A248A	FORD	3404	EL0900421	ROCKW	455368	ES1164	AVCO	450329
E9020540	LUF	416888 <sup>28</sup>	E9TP7A248AA	FORD	3404	EL0900626	CONDC	472164 <sup>28</sup>	ES145	LAZOR	222745
E9020540	LUF	455200	E9TZ4676A	FORD	4525V	EL-121	LAZOR	473179 <sup>28</sup>	ES145	LAZOR	27X45X8 <sup>28</sup>
E9020545	LUF	416154 <sup>28</sup>	E9TZ-7052A	FORD	7412S	EM-105	LAZOR	1984	ES160	LAZOR	225005
E9020550	LUF	416154 <sup>28</sup>	E9TZ-7A248A	FORD	3404	EM-130	LAZOR	1990	ES160	LAZOR	50X62X7 <sup>28</sup>
E9020570	LUF	415351 <sup>28</sup>	E9TZ7A248B	FORD	3404	EM153	LAZOR	224020	ES289	LAZOR	1012N
E9020580	LUF	417273	EA223638	GMC	240733	EM153	LAZOR	40X55X8 <sup>28</sup>	ES290	LAZOR	223255
E9020590	LUF	417273	EA223694	GMC	343185	ENH40859	CUMMI	340385	ES290	LAZOR	32X52X7 <sup>28</sup>
E9020600	LUF	416865 <sup>28</sup>	EA223910	GMC	451143	EO-2	ATP	470460	ES 31512-1	MCCOR	9845
E9020610	LUF	416865 <sup>28</sup>	EA223917	GMC	240731	EO-3	ATP	1167	ES3575	AVCO	450352
E9020622	LUF	417542	EAA5281203	AM BO	340413	EO-3	ATP	710306	ES3575	AVCO	472164 <sup>28</sup>
E9020645	LUF	55357	EAA602259	AM BO	340817	EO-30	ATP	710343	ES 36173-1	MCCOR	472082
E9020660	LUF	416107 <sup>28</sup>	EAA602275	AM BO	240414	EO-5	ATP	223840	ES 39499-1	MCCOR	332062
E9020685	LUF	416666	EAA6700A	FORD	350936	EO-5	ATP	38X58X8 <sup>28</sup>	ESTW-4676-BA	FORD	4278
E9020690	LUF	455297	EAA6700B	FORD	350936	EO6	ATP	6712NA	ET-304	LAZOR	227045
E9020720	LUF	415072	EAA6700B1	FORD	350936	EOTW-1177-BA	FORD	3195	ETC3589	AVCO	240151
E9020750	LUF	417563	EAA6700B2	FORD	350936	EOTZ-1S177-BA	FORD	3195	ETC3590	AVCO	6597S
E9020816	LUF	416364 <sup>28</sup>	EAA6700B2	NOVI	350936	EOTZ-7B215-A	FORD	341022	EU9Z-1S175-A	FORD	370023A
E9020820	LUF	416364 <sup>28</sup>	EAA6700B4	FORD	350936	EP46841	VIC	376590A	EV4430	CLARK	470351
E9020822	LUF	416239 <sup>28</sup>	EAA6700BMR	FORD	350936	EP468411	VIC	370026A	EV4430	CLARK	471504 <sup>28</sup>
E9020828	LUF	416044	EAF18183A	FORD	472810 <sup>28</sup>	EP46842	VIC	370036A	EVH42960	CUMMI	41264S
E9020850	LUF	415867	EAF6700A	FORD	350936	EP46842	VIC	370349A	EX10770	JAC	470219
E9020860	LUF	415551	EAF6700B	FORD	350936	EP46842	VIC	380036A	EX10770	JAC	471649 <sup>28</sup>
E9020900	LUF	417601	EAF6700F	FORD	350936	EP46847	VIC	370037A	EX10926	JAC	471571
E9020905	LUF	417601	EBK2155	AVCO	417509	EP46847	VIC	370338A	EX1099211	JOHND	470045
E9020910	LUF	55301S	EBK2161	AVCO	470088	EP46849	VIC	370027A	EX1099211	JOHND	476838 <sup>28</sup>
E9020960	LUF	415128	EC-236	LAZOR	494122	EP47794	VIC	370006A	EX11241	KINGN	474276 <sup>28</sup>
E9020965	LUF	415482	EC-263	LAZOR	474134	EP64236	VIC	370025A	EX11242	JAC	340787
E906292	AMC	472560N <sup>28</sup>	EC265	LAZOR	224570	EP64236	VIC	380025A	EX11469	JAC	450030
E906292	AMC	50151S	ECA13C69	GR-DV	J1124	EP64236	VIC	386025A	EX11469	JAC	474253 <sup>28</sup>
E906292	WILYS	472560N <sup>28</sup>	ED-288	LAZOR	2002	EP64410-1	VIC	370003A	EX11508	JAC	350954
E906292	WILYS	50151S	EDRE5063	MECH	370005A	EP64410-1	VIC	380003A	EX11508	JAC	470954 <sup>28</sup>
E920110	LUF	471647	EDX6004	ALLCH	450593 <sup>28</sup>	EP64410-2	VIC	370003A	EX115650	AU-LI	471765 <sup>28</sup>
E920400	LUF	415304	EE352	MINNM	455195	EP64410-2	VIC	380003A	EX11579	JAC	340787
E920400	LUF	476470 <sup>28</sup>	EE352	MINNM	472157 <sup>28</sup>	EP64410-3	VIC	370003A	EX11615	JAC	470120
E924175	WILYS	471558	EE352A	MINNM	455195	EP64410-3	VIC	380003A	EX11615	JAC	471224 <sup>28</sup>
E92Z-1177A	FORD	1932	EE352A	MINNM	472157 <sup>28</sup>	EP64414	VIC	370001A	EX11616	JAC	471567 <sup>28</sup>
E92Z-1177B	FORD	224235	EE35716	OSHKO	472185 <sup>28</sup>	EP64414	VIC	380001A	EX11633	JAC	350954
E92Z-1S177AA	FORD	1932	EE35775	OSHKO	417484N	EP64414-1	VIC	370001A	EX11633	JAC	470954 <sup>28</sup>
E92Z1S177B	FORD	224235	EE35775	OSHKO	475322N	EP64414-1	VIC	380001A	EX119120	AU-LI	330385 <sup>28</sup>
E92Z3C084A	FORD	710223	EE35781	OSHKO	415304	EPS2787	AVCO	40230S	EX12177	JAC	471267 <sup>28</sup>
E92Z6700A	FORD	223420	EE35781	OSHKO	476470 <sup>28</sup>	EPS2788	AVCO	40494S	EX12614	MASSE	472439
E92Z6701A	FORD	229005	EE35783	OSHKO	411253 <sup>28</sup>	EQ20900	LUF	417601	EX12620	MASSE	415013
E92Z7A011A	FORD	1990	EE363	MINNM	473463	ER90135	EATON	471570 <sup>28</sup>	EX12620	MASSE	415995 <sup>28</sup>
E92Z-7F401A	FORD	710446	EH14184	GEM	240733	ER90302	EATON	471442 <sup>28</sup>	EX12905	JAC	471736
E942	NOVO	450183	EH-266	LAZOR	473367	ER90360	EATON	471442 <sup>28</sup>	EX13070	JAC	472560N <sup>28</sup>
E942	NOVO	472179	EH-294	LAZOR	1943	ER90676	EATON	471564	EX13070	JAC	50151S
E951036	WILYS	472354 <sup>28</sup>	EH-295	LAZOR	494117	ER90839	EATON	471646 <sup>28</sup>	EX13294	JAC	471750 <sup>28</sup>
E951036	WILYS	50395S	EH41594	CUMMI	471647	ER90850	EATON	6835S	EX15453	BENDI	471466 <sup>28</sup>
E95841M	CHRYS	471705 <sup>28</sup>	EHX6011	ALLCH	473448	ER91562	EATON	471466 <sup>28</sup>	EX21384	JAC	470163
E97127M	CHRYS	450339	EHX6012	ALLCH	450352	ER91563	EATON	471570 <sup>28</sup>	EX21384	JAC	471766 <sup>28</sup>
E973	NOVO	450043	EHX6012	ALLCH	472164 <sup>28</sup>	ER92999	EATON	470954 <sup>28</sup>	EX273U	NORDG	473227 <sup>28</sup>
E973	NOVO	473419	EJN7610041	AM BO	471652	ER92999	EATON	6835S	EX27797	ALLCH	480210 <sup>28</sup>
E99Z4676A	FORD	5778V	EJN76120195	AM BO	472560N <sup>28</sup>	ER9531	EATON	471442 <sup>28</sup>	EX30827	C-P	340817
E9DZ6700A	FORD	1213N	EJN76120195	AM BO	50151S	ERJA245	CONTI	240698	EX313	OLIVE	471192
E9DZ6700B	FORD	710220	EJN80295	AM BO	6863S <sup>28</sup>	ERJA252	CONTI	350974 <sup>28</sup>	EX3764	ALLCH	415001 <sup>28</sup>
E9DZ-6K292-A	FORD	710220	EJN9012218	AM BO	240009	ERR2532	ROVER	3772	EX3764	ALLCH	455001

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
EX392	OLIVE	205035	EXV5899	CASE	470605 <sup>28</sup>	F19661	CASE	450069	F30715	FORD	330385 <sup>28</sup>
EX4031	KEN	415304	EXV7985	CASE	472560N <sup>28</sup>	F19661	CASE	473232	F-30808	FORSH	710413
EX4031	KEN	476470 <sup>28</sup>	EXV7985	CASE	50151S	F1AE6701CA	FORD	3909	F3110	BORGW	411376 <sup>28</sup>
EX43607	JAC	471737	EZ0153A0	NOK	224660	F1AZ6700A	FORD	482041N	F3110	BORGW	455093
EX475	LAU	471267 <sup>28</sup>	EZ0293B	NOK	710861	F1AZ6701A	FORD	3909	F3111	BORGW	470625 <sup>28</sup>
EX476	LAU	350414	EZ0293-B0	NOK	710861	F1CZ6701A	FORD	228250	F312R	JOHND	417181 <sup>28</sup>
EX476	LAU	472311 <sup>28</sup>	EZ0302E	NOK	376590A	F1CZ6701B	FORD	228250	F320	BUC-E	415995 <sup>28</sup>
EX51288ND	MASSE	472287 <sup>28</sup>	EZ2199C	NOK	710302	F1HZ1175A	FORD	370023A	F320	BUC-E	455013
EX52416	MASSE	416404 <sup>28</sup>	EZ2199-C0	NOK	710302	F1HZ1175A	FORD	380023A	F3232	RELEE	471276
EX52717ND	MASSE	450068	EZ2894A	NOK	710293	F1HZ1175C	FORD	370019A	F3245	RELEE	470682
EX52862ND	MASSE	473225 <sup>28</sup>	EZ2894-A0	NOK	710293	F1HZ1175D	FORD	370021A	F32Z1177A	FORD	1932
EX53364ND	MASSE	417484N	EZ2959A	NOK	710302	F1JY6700A	FORD	710355	F32Z-1S177-A	FORD	1932
EX53364ND	MASSE	455322	EZ2959-A0	NOK	710302	F1SE6701AA	FORD	3909	F32Z6700A	FORD	2012V
EX54262ND	MASSE	411253 <sup>28</sup>	EZ2959B	NOK	710302	F1SZ6701A	FORD	3909	F32Z6700B	FORD	223420
EX54262ND	MASSE	450099	EZ2959-B0	NOK	710302	F1TE6701A1A	FORD	2377	F32Z6700C	FORD	223420
EX5734	MINNM	481864	F001-27-238	MAZDA	710396	F1TE-6701-A2A	FORD	2377	F32Z-6700-D	FORD	2012V
EX5809	MINNM	473215 <sup>28</sup>	F001-27-238A	MAZDA	710396	F1TZ6701A	FORD	2377	F32Z6701A	FORD	1019
EX5810	MINNM	450095	F003-16-103	MAZDA	2007N	F223	ALLCH	352541	F32Z-6701-B	FORD	229004
EX5810	MINNM	473464 <sup>28</sup>	F003-27-238	MAZDA	710396	F22582	CASE	450352	F369	BORGW	417191
EX5868	JAC	471281 <sup>28</sup>	F003-27-238A	MAZDA	710396	F22582	CASE	472164 <sup>28</sup>	F369	BORGW	455165 <sup>28</sup>
EX6054	JAC	471570 <sup>28</sup>	F003-27-238B	MAZDA	710396	F22670	CASE	417492	F37383	CASE	487945
EX6293	JAC	471103 <sup>28</sup>	F003-27-238C	MAZDA	710396	F23P7H260AA	FORD	3622	F37Z6701A	FORD	3772
EX6293	JAC	50197S	F004-27-238	MAZDA	710396	F241543	AVCO	204020	F39104	FORD	450025
EX6405	MINNM	471765 <sup>28</sup>	F0283317	IH	471785 <sup>28</sup>	F241543	AVCO	204505 <sup>28</sup>	F39104	FORD	471553 <sup>28</sup>
EX6429	MINNM	417316 <sup>28</sup>	F09Z3254A	FORD	5872S	F256	BUC-E	415047	F39Z-3254-A	FORD	5872S
EX6429	MINNM	455004	F09Z3254C	FORD	5872S	F263A	PORTR	415023	F3AE-6700-AA	FORD	482041N
EX6502	BORGW	417351 <sup>28</sup>	F09Z-7B215-A	FORD	710388	F264H	SABO	710712	F3AE-6700-AC	FORD	482041N
EX6502	BORGW	455154	F09Z-7B215-B	FORD	710389	F282	MINNM	473441	F3AE6701AA	FORD	3909
EX666	LAU	450431	F09Z-7B215-C	FORD	710441	F285-10-602	MAZDA	223420	F3AE-6701-BA	FORD	3909
EX666	LAU	471539 <sup>28</sup>	F0HS1190AA	FORD	370001A	F285-11-399	MAZDA	229005	F3AZ-6700-A	FORD	482041N
EX7029	MINNM	455195	F0HS1190AA	FORD	380001A	F2940	FAIRM	5727	F3AZ-6701-B	FORD	3909
EX7029	MINNM	472157 <sup>28</sup>	F0HZ1190AA	FORD	370001A	F2BZ6700A	FORD	223012	F3BZ6700A	FORD	223012
EX7428	MINNM	415281N	F0HZ1190AA	FORD	380001A	F2DE6701AB	FORD	3772	F3DP-7F401BA	FORD	4189H
EX7478	MINNM	410312N	F0HZ7048A	FORD	472636	F2DE-6701-AC	FORD	3772	F3HT1175AA	FORD	370023A
EX7587	MINNM	416011	F0HZ7052A	FORD	415953	F2DZ-7F401A	FORD	4189H	F3HT1175AA	FORD	380023A
EX7587	MINNM	417621 <sup>28</sup>	F0HZ7052B	FORD	714713	F2DZ-7F401AVMR	FORD	4189H	F3HZ4676A	FORD	100263
EX8078	MINNM	415302	F0JY1177A	FORD	2007N	F2HT1175AA	FORD	370023A	F3HZ6700A	FORD	39803
EX8089	MINNM	473460	F0JY-1S177A	FORD	2007N	F2HT1175AA	FORD	380023A	F3HZ6700B	FORD	39804
EX8360	MINNM	472299	F0MV14164	FMC	416624 <sup>28</sup>	F2HT1175AA	FORD	370047A	F3HZ6701A	FORD	39805
EX8653	MINNM	450194	F0MV14165	FMC	415991	F2HZ1175B	FORD	370023A	F3LP7052AA	FORD	4764
EX8653	MINNM	473010 <sup>28</sup>	F0MV14165	FMC	455146 <sup>28</sup>	F2HZ1175B	FORD	380023A	F3LY7052A	FORD	4764
EX8660	MINNM	471801 <sup>28</sup>	F0TW1177AA	FORD	370047A	F2HZ1175C	FORD	370003A	F3M5589	CATER	415035
EX8664	MINNM	471192	F0TZ1177A	FORD	370047A	F2HZ1175C	FORD	380003A	F3M8228	CATER	416476 <sup>28</sup>
EX9074	MINNM	471570 <sup>28</sup>	F0TZ4676A	FORD	470331N	F2HZ-1S175-A	FORD	370047A	F3R3-1177A	FORD	3622
EX9120	MINNM	471472 <sup>28</sup>	F0ZC1190AA	FORD	9150S	F2HZ-1S175-B	FORD	370023A	F3RP-1177A	FORD	3622
EX9131	MINNM	473205	F0ZZ1190A	FORD	9150S	F2HZ-1S175-B	FORD	380023A	F3RP1177AA1	FORD	3622
EX933	CLARK	471730	F0ZZ-1S190A	FORD	9150S	F2HZ-1S175-C	FORD	370003A	F3RP-7F401-AA	FORD	4635V
EXE5153	MASSE	471267 <sup>28</sup>	F11902	CASE	6241S	F2HZ-1S175-C	FORD	380003A	F3RP7H260AA	FORD	3622
EXE5524	MASSE	350954	F12546	FAIRM	473215 <sup>28</sup>	F2R2677	CATER	472185 <sup>28</sup>	F3RZ1177A	FORD	3622
EXE5524	MASSE	470954 <sup>28</sup>	F12607	CASE	471649 <sup>28</sup>	F2T2-6701-A	FORD	3893V	F3RZ-7F401A	FORD	4635V
EXE5525	MASSE	340413	F12Z6700A	FORD	223420	F2TA1175AA	FORD	6584S	F3RZ-7F401AVMR	FORD	4635V
EXV10292	CASE	455194	F12Z6701A	FORD	229005	F2TZ1175A	FORD	370018A	F3SE-6700-AA	FORD	712692
EXV11176	CASE	472810 <sup>28</sup>	F1636	EATON	8635S	F2TZ-1175-B	FORD	710413	F3TW-1177CA	FORD	370047A
EXV13426	CASE	415035 <sup>28</sup>	F18133	CASE	450362	F2TZ-1175-C	FORD	710414	F3TZ-1175-A	FORD	710455
EXV13426	CASE	455035	F18571	EATON	370048A	F2TZ1S175A	FORD	6584S	F3TZ-1175-B	FORD	710453
EXV18251	CASE	470163	F18571	EATON	370182A	F2TZ-1S175C	FORD	710414	F3TZ-1175-BA	FORD	710453
EXV18251	CASE	471766 <sup>28</sup>	F18571	EATON	380048A	F2TZ-1S175-CA	FORD	710414	F3TZ-1175-BB	FORD	710453
EXV4417	CASE	473463	F18572	EATON	370048A	F2TZ6701-A	FORD	3893V	F3TZ-1S175A	FORD	710455
EXV5226	CASE	455134 <sup>28</sup>	F18572	EATON	370182A	F2VP-7A248-AA	FORD	3404	F3TZ-1S175AA	FORD	710455
EXV5784	CASE	471689 <sup>28</sup>	F18572	EATON	380048A	F2VY-7A248-A	FORD	3404	F3TZ-1S175BBA	FORD	710453

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
F3TZ-7B215-A	FORD	710403	F4162	MUSAS	712007	F4TZ6701C	FORD	5118	F65002	FUNK	470712 <sup>28</sup>
F3UP-7052-A	FORD	4764	F4163	MUSAS	224570	F4TZ-7B215A	FORD	714503	F65003	FUNK	471192
F3UP7052AA	FORD	4765	F4171	MUSAS	225020	F4TZ7B215B	FORD	4503N	F65004	FUNK	450067
F3UZ7052A	FORD	4765	F4172	MUSAS	225450	F4XA-6701-AA	FORD	228411	F65004	FUNK	473228
F3XA6700A	FORD	223340	F4177	MUSAS	712007	F4XY6701-A	FORD	228410	F65006	FUNK	450183
F3XA6700AA	FORD	224052	F4178	MUSAS	8430S	F4ZZ-7052-A	FORD	710426	F65006	FUNK	472179
F3XA-6701-BA	FORD	228411	F4179	MUSAS	4898	F5109	FAIRM	415036	F65007	FUNK	410308 <sup>28</sup>
F3XA7A248AA	FORD	224450	F4182	MUSAS	710437	F51370	MARMO	416865 <sup>28</sup>	F65007	FUNK	450308
F3XY1177A	FORD	710118	F4184	MUSAS	223750	F5145	FAIRM	412119 <sup>28</sup>	F65008	FUNK	410312N
F3XY1177B	FORD	710124	F4185	MUSAS	710056	F5145	FAIRM	450101	F65010	FUNK	411376 <sup>28</sup>
F3XY6700A	FORD	224052	F4186	MUSAS	710182	F5151	FAIRM	473225 <sup>28</sup>	F65010	FUNK	455093
F3XY6701A	FORD	228410	F4187	MUSAS	710183	F5228	FAIRM	470045	F65011	FUNK	413247 <sup>28</sup>
F3XY-6701-B	FORD	228411	F4191	MUSAS	320583	F5228	FAIRM	476838 <sup>28</sup>	F65011	FUNK	450350
F3XY6K292A	FORD	223420	F4203	MUSAS	710199	F5249	RELEE	471138 <sup>28</sup>	F65013	FUNK	415449 <sup>28</sup>
F3XY-7A248A	FORD	224450	F4204	MUSAS	222025	F5254	RELEE	471570 <sup>28</sup>	F65013	FUNK	455147
F3XZ-6700-BA	FORD	223420	F4205	MUSAS	222025	F53634	CASE	471766 <sup>28</sup>	F65015	FUNK	415836
F40054	DOMGA	7486S	F4206	MUSAS	710767	F53639	CASE	470380 <sup>28</sup>	F65015	FUNK	415995 <sup>28</sup>
F4008	MUSAS	1196	F4207	MUSAS	710767	F5421	FAIRM	450104	F65022	FUNK	471554 <sup>28</sup>
F4009	MUSAS	224210	F4208	MUSAS	710259	F5422	FAIRM	415458 <sup>28</sup>	F65024	FUNK	472409 <sup>28</sup>
F400S-205	CONTI	240385	F4210	MUSAS	710056	F5422	FAIRM	455003	F65025	FUNK	416706 <sup>28</sup>
F4010	MUSAS	225010	F4212	MUSAS	1992	F5609	FAIRM	417073	F65025	FUNK	455272
F4011	MUSAS	471847N	F4213	MUSAS	223608	F5610	FAIRM	417485	F65028	FUNK	416404 <sup>28</sup>
F401-17-131	MAZDA	221620	F4221	MUSAS	710747	F57Z-3254-AA	FORD	710428	F65030	FUNK	470380 <sup>28</sup>
F401-17-131A	MAZDA	221620	F4228	MUSAS	223014	F57Z-3254-BA	FORD	710429	F65034	FUNK	411253 <sup>28</sup>
F4012	MUSAS	494122	F4229	MUSAS	223010	F57Z4L616AA	FORD	714675	F65035	FUNK	450117
F40120	DOMGA	413246N	F4241	MUSAS	710894	F5940	CASE	413247 <sup>28</sup>	F65035	FUNK	472572 <sup>28</sup>
F40120	DOMGA	483246N	F4247	MUSAS	710146	F5940	CASE	450350	F65037	FUNK	471869
F4013	MUSAS	224255	F4253	MUSAS	710598	F5AZ-6700-A	FORD	482041N	F65037	FUNK	473459
F4014	MUSAS	710317	F4263	MUSAS	224200	F5RZ-1177-AA	FORD	710808	F65046	FUNK	412861
F4028	MUSAS	710763	F43E-6701-AA	FORD	3909	F5RZ-1S177A	FORD	710808	F65051	FUNK	450352
F40838	CASE	450298	F43E-6K292-AB	FORD	471651	F5RZ-1S177AA	FORD	710808	F65051	FUNK	472164 <sup>28</sup>
F40838	CASE	473239	F4857	FAIRM	415995 <sup>28</sup>	F5RZ6700A	FORD	3771	F65053	FUNK	471870 <sup>28</sup>
F4091	MUSAS	225010	F4857	FAIRM	455013	F5RZ6701A	FORD	3772	F65053	FUNK	471883
F4092	MUSAS	224510	F4AZ-6700-A	FORD	482041N	F5RZ-6K292-A	FORD	710550	F65054	FUNK	69365 <sup>28</sup>
F4094	MUSAS	229522	F4AZ-6701-A	FORD	3772	F5RZ-6K292-B	FORD	471651	F65054	FUNK	9845
F4096	MUSAS	223014	F4BA6700B	FORD	710355	F5RZ-6K292-B5A	FORD	710550	F65060	FUNK	410520
F4097	MUSAS	223608	F4BZ1177A	FORD	1126	F5RZ-7048-AA	FORD	222742	F65060	FUNK	471272 <sup>28</sup>
F4099	MUSAS	224100	F4BZ-1177B	FORD	2007N	F5RZ-7288-A	FORD	221620	F65062	FUNK	450519
F4103	MUSAS	224570	F4BZ-1177B	FORD	710323	F5TZ-1175-A	FORD	710430	F65062	FUNK	471271 <sup>28</sup>
F4104	MUSAS	224460	F4BZ-1177C	FORD	710323	F5TZ1190A	FORD	710430	F65063	FUNK	417262 <sup>28</sup>
F4105	MUSAS	227235	F4BZ-1177D	FORD	4990	F5TZ1190AA	FORD	710430	F65063	FUNK	455448
F4109	MUSAS	710401	F4BZ-1177E	FORD	2007N	F5TZ-1S190AA	FORD	710430	F65064	FUNK	471271 <sup>28</sup>
F4114	MUSAS	228005	F4BZ6700A	FORD	223012	F5TZ4676A	FORD	4525V	F65066	FUNK	415563
F4118	MUSAS	224840	F4BZ6700B	FORD	710355	F5TZ-6701-A	FORD	3393	F65066	FUNK	417433 <sup>28</sup>
F4120	MUSAS	710396	F4BZ6701A	FORD	228250	F5TZ-7E182A	FORD	710690	F65071	FUNK	473179 <sup>28</sup>
F4122	MUSAS	3771	F4BZ-7288A	FORD	221620	F600B-223	CONTI	416738 <sup>28</sup>	F65080	FUNK	412943
F4123	MUSAS	221710	F4BZ-7A011A	FORD	222238	F600B-223	CONTI	450096	F65087	FUNK	470950 <sup>28</sup>
F4124	MUSAS	222820	F4HS1175BA	FORD	370003A	F600B-246	CONTI	416738 <sup>28</sup>	F65087	FUNK	6241S
F4129	MUSAS	223230	F4HS1175BA	FORD	380003A	F600B-246	CONTI	450096	F65095	FUNK	473010 <sup>28</sup>
F4132	MUSAS	710678	F4SZ6700A	FORD	712692	F60185	CASE	450456 <sup>28</sup>	F65101	FUNK	412119 <sup>28</sup>
F4134	MUSAS	710083	F4TZ-1177B	FORD	370047A	F6024	CASE	470088	F65101	FUNK	450101
F4136	MUSAS	224255	F4TZ-1177-C	FORD	370047A	F60829	CASE	470358	F65102	FUNK	416294 <sup>28</sup>
F4143	MUSAS	712001	F4TZ-1S177B	FORD	370047A	F60829	CASE	473231	F65104	FUNK	416294 <sup>28</sup>
F4146	MUSAS	225875	F4TZ-1S177BA	FORD	370047A	F60830	CASE	55563	F65105	FUNK	415991
F4147	MUSAS	225010	F4TZ1S177C	FORD	370047A	F6303	MUSAS	222860	F65105	FUNK	455146 <sup>28</sup>
F4154	MUSAS	710423	F4TZ-6700-A	FORD	3894V	F6319	MUSAS	710794	F65106	FUNK	417211 <sup>28</sup>
F4157	MUSAS	228005	F4TZ-6700-A	FORD	5066	F64120	FUNK	415009	F65116	FUNK	473227 <sup>28</sup>
F4158	MUSAS	225082	F4TZ-6701A	FORD	5723	F64120	FUNK	415960 <sup>28</sup>	F65117	FUNK	410519
F4159	MUSAS	225230	F4TZ-6701AA	FORD	5723	F6442	CASE	450523	F65117	FUNK	471271 <sup>28</sup>
F4160	MUSAS	710338	F4TZ-6701-B	FORD	2377	F65001	FUNK	340724 <sup>28</sup>	F65118	FUNK	471984

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
F65119	FUNK	471466 <sup>28</sup>	F6HS1190AA	FORD	370001A	F81P-7052AA	FORD	100086	FA54-33-065	MAZDA	1213N
F65120	FUNK	415009	F6HS1190AA	FORD	380001A	F81P-7052AB	FORD	100086	FA6534	PORTR	411245 <sup>28</sup>
F65120	FUNK	415960 <sup>28</sup>	F6TJ-6701AA	FORD	5723	F81W-1177CA	FORD	370247A	FA6534	PORTR	455096
F65121	FUNK	415449 <sup>28</sup>	F6TP-7052-AA	FORD	4981V	F81Z-1175AA	FORD	710454	FAA12476A	FORD	240470
F65123	FUNK	415937 <sup>28</sup>	F6TZ-7052A	FORD	4981V	F81Z1175CA	FORD	710413	FAA12476B	FORD	240470
F65136	FUNK	415294 <sup>28</sup>	F6TZ-7052AA	FORD	4981V	F81Z1175EA	FORD	370024A	FAE3RK	MECH	370001A
F65137	FUNK	415483	F6UZ7052A	FORD	4765	F81Z-1175GA	FORD	9864S	FAE3RK	MECH	380001A
F65151	FUNK	450313	F6UZ-7052-AA	FORD	4765	F81Z1175HA	FORD	710413	FAE4RK	MECH	370001A
F65154	FUNK	415013	F6UZ-7052AMR	FORD	4765	F81Z-1175HC	FORD	710413	FAE4RK	MECH	380001A
F65154	FUNK	415995 <sup>28</sup>	F6XA-6700AA	FORD	224052	F81Z-1177CA	FORD	370247A	FAE5003	MECH	370001A
F65157	FUNK	450389	F6XZ6700AA	FORD	224052	F81Z-1S175AA	FORD	710454	FAE5003	MECH	380001A
F65157	FUNK	472492 <sup>28</sup>	F6XZ6701BA	FORD	228410	F81Z1S175EA	FORD	370024A	FAE5004	MECH	370001A
F65158	FUNK	450313	F6ZR-7052BA	FORD	710426	F81Z-1S175HCA	FORD	710413	FAE5004	MECH	380001A
F65159	FUNK	415371	F6ZZ-1S177ACA	FORD	8660S	F81Z-1S177CA	FORD	370247A	FAE5005	MECH	370001A
F65181	FUNK	470898	F6ZZ-7052A	FORD	710431	F81Z-3254AA	FORD	710492	FAE5005	MECH	380001A
F65184	FUNK	415449 <sup>28</sup>	F6ZZ-7052B	FORD	710431	F81Z-3254CA	FORD	710493	FAE5006	MECH	370048A
F65193	FUNK	473212 <sup>28</sup>	F7023	CASE	240414	F81Z-3254CB	FORD	710493	FAE5006	MECH	370182A
F65194	FUNK	472164 <sup>28</sup>	F7150	CASE	5976S	F81Z-4676-BA	FORD	710960	FAE5006	MECH	380048A
F65195	FUNK	415725 <sup>28</sup>	F7213	CASE	450984	F81Z-4676-CA	FORD	710482	FAE5007	MECH	370001A
F65196	FUNK	415294 <sup>28</sup>	F724	MINNM	470712 <sup>28</sup>	F81Z-4676-DA	FORD	710960	FAE5007	MECH	380001A
F65198	FUNK	471442 <sup>28</sup>	F7312	CASE	450984	F81Z-4A322-AA	FORD	155PKG	FAE5008	MECH	370007A
F65199	FUNK	416664 <sup>28</sup>	F75W-1177BA	FORD	100357	F81Z-7052AA	FORD	100086	FAE5009	MECH	370012A
F65200	CHALL	471272 <sup>28</sup>	F75Z-1177BA	FORD	100357	F81Z-7052-DA	FORD	710719	FAE5020	MECH	370066A
F65200	FUNK	471272 <sup>28</sup>	F75Z-1S177BA	FORD	100357	F81Z-7052-EA	FORD	710718	FAE5RK	MECH	370001A
F65205	FUNK	472394	F7617	FAIRM	450069	F81Z-7052-EB	FORD	710718	FAE5RK	MECH	380001A
F65207	FUNK	415379 <sup>28</sup>	F7617	FAIRM	473232	F81Z-7052-FA	FORD	710717	FAE8RK	MECH	370007A
F65207	FUNK	455379	F77Z6701BA	FORD	3393	F81Z-7B215AA	FORD	710652	FAE9RK	MECH	370012A
F65208	FUNK	455019 <sup>28</sup>	F77Z-7052AA	FORD	2655	F81Z-7B215BA	FORD	710653	FB01-33-065A	MAZDA	1975
F65209	FUNK	472164 <sup>28</sup>	F77Z-7A248AA	FORD	710535	F85B110	BORGW	473235 <sup>28</sup>	FB12571	CASE	455019 <sup>28</sup>
F65214	FUNK	473244 <sup>28</sup>	F77Z-7B215AA	FORD	710664	F87A-1N049AA	FORD	710519	FB13736	CASE	472439
F65215	FUNK	415937 <sup>28</sup>	F7819	FAIRM	415988	F87Z-1190AA	FORD	710519	FD1084	FABCO	450361
F65216	FUNK	415389	F7AP7052AA	FORD	4764	F87Z-1S190AA	FORD	710519	FD1084	FABCO	472193 <sup>28</sup>
F65217	FUNK	450078	F7AZ-7052A	FORD	4764	F8987	FAIRM	473445	FD1405	FABCO	470334 <sup>28</sup>
F65217	FUNK	473444	F7CZ-7052AA	FORD	1990	F89W4676AA	FORD	3604	FD1779	GUY	450183
F65218	FUNK	415234 <sup>28</sup>	F7DE-7052-A	FORD	4764	F89W-4676-AB	FORD	3604	FD1779	GUY	472179
F65227	FUNK	471466 <sup>28</sup>	F7DZ-7052-A	FORD	4764	F89W-4676-AC	FORD	3604	FD182	NAPD	471344
F65228	FUNK	470351	F7TZ1175AA	FORD	415960	F89Z4676AA	FORD	3604	FD192	NAPD	6936S
F65229	FUNK	471272 <sup>28</sup>	F7TZ-1S175AA	FORD	415960	F8CZ-6K292-AA	FORD	710899	FD236	FABCO	473461 <sup>28</sup>
F65235	FUNK	470625 <sup>28</sup>	F7UZ-1175A	FORD	9864S	F8UZ-4676AA	FORD	719316	FD256	FABCO	415027
F65240	FUNK	455019 <sup>28</sup>	F7UZ-1177A	FORD	710067	F9052	FAIRM	470077	FD31	FABCO	450111
F65246	FUNK	476470	F7UZ-1S175A	FORD	9864S	F9052	FAIRM	474281 <sup>28</sup>	FD323	FABCO	410520
F65708	CASE	415379 <sup>28</sup>	F7UZ-1S177A	FORD	710067	F9743	CASE	471192	FD323	FABCO	471272 <sup>28</sup>
F65708	CASE	455379	F7Z-4L616AA	FORD	714675	F9744	CASE	417344 <sup>28</sup>	FD370	FABCO	5965
F65P-7052AA	FORD	4765	F7ZZ-6701BA	FORD	3393	F9802	CASE	415035	FD372	FABCO	5965
F65W-1N013-AA	FORD	710828	F801-10-602	MAZDA	223420	FA10RK	MECH	370012A	FD372	CASE	204017
F65W-3N134-AA	FORD	3604	F801-11-399	MAZDA	229010	FA11	LK-BT	55028	FD391	FABCO	450298
F65Z-1190-AA	FORD	710828	F802-11-399	MAZDA	229010	FA12RK	MECH	370007A	FD391	FABCO	473239
F65Z-1S190-AA	FORD	710828	F8085	CASE	340823	FA14RK	MECH	370001A	FD87	FABCO	450070
F65Z-3C084-AA	FORD	710754	F81A-1175AA	FORD	710454	FA14RK	MECH	380001A	FD87	FABCO	472185 <sup>28</sup>
F65Z-3N134-AA	FORD	3604	F81A1175EA	FORD	370024A	FA1801	MECH	370001A	FD88	FABCO	473442 <sup>28</sup>
F6647	FAIRM	472439	F81A-1175GA	FORD	9864S	FA1801	MECH	380001A	FDU2737	ROVER	224026
F673	FAIRM	450076	F81A1175HA	FORD	710413	FA1810	MECH	370012A	FE01-10-602	MAZDA	223420
F673	FAIRM	470334 <sup>28</sup>	F81A-3254AA	FORD	710492	FA1812	MECH	370007A	FE02-10-602	MAZDA	223420
F6731	FAIRM	450076	F81A-3254CA	FORD	710493	FA1813	MECH	370007A	FE5H-11-399	MAZDA	229005
F6731	FAIRM	470334 <sup>28</sup>	F81A-4676-AA	FORD	4525V	FA1814	MECH	370001A	FE5H-11-399A	MAZDA	229005
F67W-1177-AA	FORD	8660S	F81A-4676-CA	FORD	710482	FA1814	MECH	380001A	FEG1-10-602	MAZDA	223420
F67Z-1177AA	FORD	8660S	F81A-4676-DA	FORD	710960	FA1RK	MECH	370001A	FF1118	FULLE	472394
F67Z-1177AC	FORD	8660S	F81A-7052-DA	FORD	224205	FA1RK	MECH	380001A	FG0001	BORGW	473424 <sup>28</sup>
F67Z-1S177ACA	FORD	8660S	F81A-7B215AA	FORD	710652	FA2RK	MECH	370001A	FG0002	BORGW	411394 <sup>28</sup>
F6DZ-6700-AA	FORD	710444	F81A-7B215BA	FORD	710653	FA2RK	MECH	380001A	FG0003	BORGW	330663

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
FG0003	BORGW	472354 <sup>28</sup>	FG0058	BORGW	450291	FG0904	BORGW	415995 <sup>28</sup>	FOTZ-4676-A	FORD	470331N
FG0005	BORGW	450040	FG0058	BORGW	471141 <sup>28</sup>	FG1201	BORGW	J1103	FOZZ-1190-A	FORD	9150S
FG0006	BORGW	473225	FG0059	BORGW	450316	FG0611	MO-CH	471730	FOZZ-1S190A	FORD	9150S
FG0007	BORGW	450069	FG0059	BORGW	472636 <sup>28</sup>	FG0616	MO-CH	471684 <sup>28</sup>	FP01-19-437	MAZDA	710442
FG0007	BORGW	473232	FG0060	BORGW	412040	FG0616	MO-CH	471698	FP01-27-238	MAZDA	710598
FG0008	BORGW	450070	FG0062	BORGW	415836	FG0630	BORGW	455186	FP 5P4251	FPDSL	456919V
FG0008	BORGW	472185 <sup>28</sup>	FG0062	BORGW	415995 <sup>28</sup>	FG0635	MO-CH	416267 <sup>28</sup>	FRC2365	ROVER	224250
FG0009	BORGW	450082	FG0063	BORGW	476470	FH3022207	EL-MO	J1111	FRC5492	ROVER	710748
FG0009	BORGW	473238	FG0064	BORGW	416345 <sup>28</sup>	FH3022208	EL-MO	J1121	FRC7043	ROVER	710748
FG0010	BORGW	471442 <sup>28</sup>	FG0067	BORGW	470088	FH3022209	EL-MO	J1109	FRC7043G	ROVER	710748
FG0011	BORGW	473226	FG0068	BORGW	471271 <sup>28</sup>	FH3022302	EL-MO	471267 <sup>28</sup>	FRC8221	ROVER	710756
FG0012	BORGW	471763	FG0159	BORGW	456055	FH3022307	EL-MO	471272 <sup>28</sup>	FRC8222	ROVER	710755
FG0013	BORGW	470163	FG0161	BORGW	417363	FH3022313	EL-MO	416404 <sup>28</sup>	FS01-10-602	MAZDA	2012V
FG0013	BORGW	471766 <sup>28</sup>	FG0601	BORGW	473367	FH757153	CASE	470163	FS01-11-399	MAZDA	229004
FG0014	BORGW	471801 <sup>28</sup>	FG0602	BORGW	473228 <sup>28</sup>	FH757153	CASE	471766 <sup>28</sup>	FS02-10-602	MAZDA	2012V
FG0015	BORGW	471571	FG0603	BORGW	473232 <sup>28</sup>	FHO44594	CASE	450361	FS05-10-602	MAZDA	223420
FG0016	BORGW	473236 <sup>28</sup>	FG0604	BORGW	472185 <sup>28</sup>	FHO44594	CASE	472193 <sup>28</sup>	FS05-10-602A	MAZDA	223420
FG0017	BORGW	472012	FG0605	BORGW	473464	FJO5301	MASSE	417082	FS06-10-602	MAZDA	2012V
FG0018	BORGW	472015 <sup>28</sup>	FG0606	BORGW	471192	FM3	FMC	416892 <sup>28</sup>	FS2753	EL-WH	205004
FG0019	BORGW	450342	FG0607	BORGW	471763	FM302	GILSN	200354	FS42159U	NORDG	470219
FG0020	BORGW	471730	FG0608	BORGW	471765 <sup>28</sup>	FM508	BORGW	471192	FS42159U	NORDG	471649 <sup>28</sup>
FG0021	BORGW	471224 <sup>28</sup>	FG0609	BORGW	472179	FM508	IG-RA	471192	FS50601U	NORDG	471192
FG0022	BORGW	481397	FG0610	BORGW	472015 <sup>28</sup>	FM522	BORGW	473225 <sup>28</sup>	FS50711	NORDG	470712 <sup>28</sup>
FG0023	BORGW	471466 <sup>28</sup>	FG0611	BORGW	471730	FN11-19-241	MAZDA	710539	FS50711U	NORDG	470712 <sup>28</sup>
FG0025	BORGW	481792	FG0612	BORGW	481792	FO-10	ATP	710487	FS60278U	NORDG	472354 <sup>28</sup>
FG0026	BORGW	471652	FG0613	BORGW	471551 <sup>28</sup>	FO103	ATP	412473 <sup>28</sup>	FS60278U	NORDG	50395S
FG0026	BORGW	482208 <sup>28</sup>	FG0614	BORGW	471653 <sup>28</sup>	FO-11	ATP	710671	FS60279U	NORDG	470358
FG0027	BORGW	471526 <sup>28</sup>	FG0615	BORGW	471646 <sup>28</sup>	FO-12	ATP	710484	FS60279U	NORDG	473231 <sup>28</sup>
FG0028	BORGW	471529	FG0616	BORGW	471684 <sup>28</sup>	FO-122	ATP	2655	FS9687	EL-WH	6590S
FG0029	BORGW	471255 <sup>28</sup>	FG0616	BORGW	471698	FO123	ATP	2658V	FSK18537	IH	412119 <sup>28</sup>
FG0030	BORGW	471553 <sup>28</sup>	FG0616	MO-CH	471684 <sup>28</sup>	FO-124	ATP	2658V	FSK21639	IH	473474
FG0031	BORGW	481443 <sup>28</sup>	FG0616	MO-CH	471698	FO-15	ATP	7929S	FT01-19-233	MAZDA	494122
FG0032	BORGW	451583 <sup>28</sup>	FG0617	BORGW	473203	FO-17	ATP	2655	FT2105	MINNM	415035 <sup>28</sup>
FG0033	BORGW	471646 <sup>28</sup>	FG0617	MO-CH	473203	FO-18	ATP	4765	FT2105	MINNM	455035
FG0034	BORGW	471649 <sup>28</sup>	FG0618	BORGW	471413 <sup>28</sup>	FO182	ATP	7937N	FT2213	MINNM	450316
FG0035	BORGW	471651	FG0619	BORGW	473243	FO185	ATP	470687	FT2213	MINNM	472636 <sup>28</sup>
FG0036	BORGW	470590	FG0621	BORGW	415004	FO-191	ATP	3404	FT2230	MINNM	450121
FG0037	BORGW	415458 <sup>28</sup>	FG0621	BORGW	417316 <sup>28</sup>	FO-199	ATP	4981V	FT2230	MINNM	472409 <sup>28</sup>
FG0037	BORGW	455003	FG0622	BORGW	415034 <sup>28</sup>	FO2	ATP	6988H	FT2402	MINNM	472287 <sup>28</sup>
FG0038	BORGW	416921 <sup>28</sup>	FG0623	BORGW	416865 <sup>28</sup>	FO-21	ATP	710699	FT2412	MINNM	470219
FG0038	BORGW	455011	FG0624	BORGW	415082	FO-212	ATP	710535	FT2412	MINNM	471649 <sup>28</sup>
FG0039	BORGW	415086N	FG0624	MO-CH	415082	FO-213	ATP	2655	FT3332	MINNM	450121
FG0039	BORGW	417487 <sup>28</sup>	FG0625	BORGW	416239 <sup>28</sup>	FO-22	ATP	710700	FT3332	MINNM	472409 <sup>28</sup>
FG0041	BORGW	415085 <sup>28</sup>	FG0626	BORGW	415302	FO-23	ATP	710590	FT3339	MINNM	415302
FG0042	BORGW	411245 <sup>28</sup>	FG0627	BORGW	415137 <sup>28</sup>	FO-260	ATP	710396	FT606	MINNM	473463
FG0043	BORGW	415991 <sup>28</sup>	FG0627	BORGW	418028	FO29	ATP	410308 <sup>28</sup>	FT650	MINNM	55028
FG0043	BORGW	415991N	FG0628	BORGW	415147	FO-30	ATP	3622	FT650	WHITE	55028
FG0044	BORGW	415449 <sup>28</sup>	FG0628	BORGW	415449 <sup>28</sup>	FO-31	ATP	710967	FTC2783	ROVER	710756
FG0044	BORGW	455147	FG0629	BORGW	417343 <sup>28</sup>	FO-33	ATP	710801	FTC2979	ROVER	714503
FG0045	BORGW	416556 <sup>28</sup>	FG0630	BORGW	455186	FO-34	ATP	710780	FTC3145	ROVER	710757
FG0045	BORGW	472157	FG0631	BORGW	415234 <sup>28</sup>	FO-37	ATP	710672	FTC4785	ROVER	710756
FG0049	BORGW	470380 <sup>28</sup>	FG0632	BORGW	100495	FO-4	ATP	710485	FTC4939	ROVER	710748
FG0050	BORGW	473228 <sup>28</sup>	FG0632	BORGW	415281N	FO5	ATP	7038SA	FTC4939G	ROVER	710748
FG0051	BORGW	450083	FG0633	BORGW	415294 <sup>28</sup>	FO-7	ATP	710537	FTC5268	ROVER	710757
FG0051	BORGW	472924 <sup>28</sup>	FG0634	BORGW	417159	FO-8	ATP	710673	FU01-19-241	MAZDA	710446
FG0052	BORGW	472572 <sup>28</sup>	FG0635	BORGW	416267 <sup>28</sup>	FO-9	ATP	710486	FU01-19-241A	MAZDA	710446
FG0053	BORGW	471192	FG0636	BORGW	416071	FOMV14164	FMC	416624 <sup>28</sup>	FU03-27-238	MAZDA	2007N
FG0054	BORGW	470625 <sup>28</sup>	FG0638	BORGW	417361	FOMV14165	FMC	415991	FW51-27-238	MAZDA	3622
FG0056	BORGW	473229 <sup>28</sup>	FG0639	BORGW	416313	FOMV14165	FMC	455146 <sup>28</sup>	FW593112	SPERY	471271 <sup>28</sup>
FG0057	BORGW	473010 <sup>28</sup>	FG0904	BORGW	415836	FOS-4452	PAI	455294	FW70-27-165	MAZDA	710971

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
FW90-27-238	MAZDA	481191V	G157-B208	CONTI	415894	GL1172	MASSE	472924 <sup>2B</sup>	GS1008	MIDAS	8871
FX01-19-241A	MAZDA	710442	G157S202	CONTI	471442 <sup>2B</sup>	GM28	LK-BT	472029	GS1009	GUARA	5121
FX-09	COC	472144 <sup>2B</sup>	G1710	HU-WR	416921 <sup>2B</sup>	GMR46	ALLCH	415041	GS1009	MIDAS	5121
FXS30	COC	455079 <sup>2B</sup>	G1710	HU-WR	455011	GMR64	ALLCH	411253 <sup>2B</sup>	GS1010	GUARA	3087
FXS39	COC	473448 <sup>2B</sup>	G20147	DOMGA	332062	GMR64	ALLCH	450099	GS1010	MIDAS	3087
FZ0383I	NOK	710330	G20189	DOMGA	3945	GOO65930	FWD	417344 <sup>2B</sup>	GS1011	GUARA	6840S
FZ0383-I0	NOK	710330	G273	PORTR	416892 <sup>2B</sup>	GOO65930	FWD	455006	GS1011	MIDAS	6840S
G001-25-742A	MAZDA	710223	G274	PORTR	415025	GOS633	PAARS	455018	GS1012	GUARA	224045
G003-25-742	MAZDA	710223	G297	TW-CO	471733	GOS633	PAARS	476470	GS1015	GUARA	1209
G003-25-742A	MAZDA	710223	G304-33-065	MAZDA	1932	GP1177	FORD	40566S	GS1015	MIDAS	1209
G00505126	FWD	415984 <sup>2B</sup>	G304-33-065A	MAZDA	1932	GP3031	FORD	40140S	GS1016	GUARA	1217
G00505135	FWD	450076	G40HB122	BRADF	471633 <sup>2B</sup>	GP3034	FORD	40576S	GS1018	GUARA	224015
G00505135	FWD	470334 <sup>2B</sup>	G527	HU-WR	415995 <sup>2B</sup>	GP7770A	FORD	450185	GS1018	MIDAS	224015
G012-22-524	MAZDA	710253	G527	HU-WR	455013	GP7770A	FORD	473229	GS1019	GUARA	225020
G-0253359	IH	415003	G529	HU-WR	415001 <sup>2B</sup>	GP7798	FORD	471466 <sup>2B</sup>	GS1019	GUARA	50X68X8 <sup>2B</sup>
G-0253359	IH	415458 <sup>2B</sup>	G529	HU-WR	455001	GPA1177	FORD	450444	GS1019	MIDAS	225020
G030-26-154	MAZDA	1126	G560-25-742	MAZDA	710223	GPA1177	FORD	471835 <sup>2B</sup>	GS1019	MIDAS	50X68X8 <sup>2B</sup>
G030-26-154A	MAZDA	1126	G601-11-399	MAZDA	229010	GPA262	FORD	411394 <sup>2B</sup>	GS1021	GUARA	1950
GOS672	PAARS	2822V	G6665E	JOHND	340136	GPA262	FORD	450317	GS1021	GUARA	224820
G10005	CASE	412473 <sup>2B</sup>	G717-26-154	MAZDA	710191	GPW3591	FORD	353132	GS1021	GUARA	48X62X8 <sup>2B</sup>
G10005	CASE	415894	G923	HU-WR	455018	GR148	BORGW	415995 <sup>2B</sup>	GS1023	GUARA	1183
G10346	CASE	416706 <sup>2B</sup>	G923	HU-WR	476470	GR148	BORGW	455013	GS1023	MIDAS	1183
G10421	CASE	473425	GA2A-33-065	MAZDA	1932	GR1481S	BORGW	415995 <sup>2B</sup>	GS1025	GUARA	1188
G10422	CASE	470064	GAF6924B	DURA	471984	GR1481S	BORGW	455013	GS1025	MIDAS	1188
G10422	CASE	471821 <sup>2B</sup>	GAU4381	FORD	455005	GR1482	BORGW	415995 <sup>2B</sup>	GS1026	GUARA	1174
G105118	CASE	470954 <sup>2B</sup>	GB11512	HWY	450389	GR1482	BORGW	455013	GS1026	GUARA	1188
G10561	CASE	415991	GB11512	HWY	472492 <sup>2B</sup>	GR150	BORGW	416288 <sup>2B</sup>	GS1029	GUARA	6840S
G10561	CASE	455146 <sup>2B</sup>	GB350	EMSCO	415124	GR1501	BORGW	416288 <sup>2B</sup>	GS1029	MIDAS	6840S
G10651	CASE	415991	GB45587	FORD	470120	GR1502	BORGW	416288 <sup>2B</sup>	GS1033	GUARA	3357
G10651	CASE	455146 <sup>2B</sup>	GB45587	FORD	471224 <sup>2B</sup>	GR2001	MASSE	450316	GS1033	MIDAS	3357
G10689	CASE	450441	GB5Z-7H426-A	FORD	710971	GR2001	MASSE	472636 <sup>2B</sup>	GS1034	GUARA	7994S
G10689	CASE	471341 <sup>2B</sup>	GB8	GOODM	311189	GR2232	BORGW	472164 <sup>2B</sup>	GS1034	MIDAS	7994S
G13112	CASE	472810 <sup>2B</sup>	GC500	EMSCO	416865 <sup>2B</sup>	GR232	BORGW	450115	GS1038	GUARA	7607
G13800	CASE	6590S	GE1142	ALLCH	470163	GR232	BORGW	473467 <sup>2B</sup>	GS1038	MIDAS	7607
G13801	CASE	471138 <sup>2B</sup>	GE1142	ALLCH	471766 <sup>2B</sup>	GR835	BORGW	415991	GS1042	GUARA	291295
G13802	CASE	471192	GE1143	ALLCH	471735	GR835	BORGW	455146 <sup>2B</sup>	GS1042	MIDAS	291295
G13803	CASE	473215 <sup>2B</sup>	GEL3344	WHITE	417267	GR8351	BORGW	415991	GS1044	GUARA	5699
G13805	CASE	471267 <sup>2B</sup>	GG33521109	JOHND	473225 <sup>2B</sup>	GR8351	BORGW	455146 <sup>2B</sup>	GS1044	MIDAS	5699
G13807	CASE	471267 <sup>2B</sup>	GG33530797	JOHND	473215 <sup>2B</sup>	GR891	BORGW	415991	GS1046	GUARA	9150S
G13810	CASE	415962	GG33531190	JOHND	471138 <sup>2B</sup>	GR891	BORGW	455146 <sup>2B</sup>	GS1046	MIDAS	9150S
G13811	CASE	415035 <sup>2B</sup>	GG-335-32152	JOHND	472394	GR911	BORGW	470548	GS1047	GUARA	2043
G13811	CASE	455035	GG33532185	JOHND	472015 <sup>2B</sup>	GR911	BORGW	470625 <sup>2B</sup>	GS1047	MIDAS	2043
G13813	CASE	450519	GGAHH103	SPICE	712000	GS1000	GUARA	7022S	GS1051	GUARA	4148
G13813	CASE	471271 <sup>2B</sup>	GGAHH106	DANA	714512	GS1000	MIDAS	7022S	GS1051	MIDAS	4148
G13814	CASE	472658	GGAHH106	SPICE	714512	GS1001	GUARA	41257 <sup>2B</sup>	GS1052	GUARA	5113
G13814	CASE	473197	GGAHH109	DANA	455088V	GS1001	MIDAS	41257 <sup>2B</sup>	GS1052	MIDAS	5113
G13815	CASE	340771	GHS 112	ROVER	224052	GS1002	GUARA	7934S	GS1054	GUARA	8139
G13816	CASE	472826 <sup>2B</sup>	GHS140	MG	473234 <sup>2B</sup>	GS1002	MIDAS	7934S	GS1054	MIDAS	8139
G13817	CASE	450285	GHS153	JAGUA	473454	GS1003	GUARA	8705S	GS1056	GUARA	6954S
G13818	CASE	470120	GHS201	JAGUA	473454	GS1003	MIDAS	8705S	GS1056	MIDAS	6954S
G13818	CASE	471224 <sup>2B</sup>	GJ1902F	NOK	32X52X7	GS1004	GUARA	4148	GS1061	GUARA	8974S
G13819	CASE	353120	GJ1902F0	NOK	32X52X7 <sup>2B</sup>	GS1004	GUARA	471424 <sup>2B</sup>	GS1061	MIDAS	8974S
G13821	CASE	471827 <sup>2B</sup>	GJ21-26-154	MAZDA	224235	GS1004	GUARA	9406S	GS1063	GUARA	493291
G13822	CASE	415962	GJ21-33-065	MAZDA	1932	GS1005	GUARA	331301N	GS1063	MIDAS	493291
G13824	CASE	415035	GK2250	MASSE	470027	GS1005	GUARA	9015S	GS1066	GUARA	493637
G13824	CASE	415953	GK2250	MASSE	471554 <sup>2B</sup>	GS1006	GUARA	8121S	GS1066	MIDAS	493637
G13825	CASE	412473 <sup>2B</sup>	GK3113	MASSE	472234	GS1006	MIDAS	8121S	GS1068	GUARA	5109
G13825	CASE	415894	GL1113	MASSE	410308 <sup>2B</sup>	GS1007	GUARA	6815	GS1068	MIDAS	5109
G13827	CASE	470954 <sup>2B</sup>	GL1113	MASSE	450308	GS1007	MIDAS	6815	GS1070	GUARA	442380
G157-B208	CONTI	412473 <sup>2B</sup>	GL1172	MASSE	450083	GS1008	GUARA	8871	GS1070	GUARA	471271 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
GS1071	GUARA	4250	GS1168	MIDAS	203006 <sup>28</sup>	GS1230	GUARA	40566S	GS1272	MIDAS	1974
GS1071	MIDAS	4250	GS1170	GUARA	7780N	GS1230	MIDAS	40566S	GS1273	GUARA	9344S
GS1073	GUARA	416273 <sup>28</sup>	GS1170	MIDAS	7780N	GS1231	GUARA	8430S	GS1273	MIDAS	9344S
GS1074	GUARA	5123	GS1171	GUARA	8243	GS1231	MIDAS	8430S	GS1274	GUARA	8676S
GS1074	MIDAS	5123	GS1171	MIDAS	8243	GS1233	GUARA	473473	GS1274	GUARA	9912
GS1076	GUARA	413248	GS1173	GUARA	480630 <sup>28</sup>	GS1233	MIDAS	473473	GS1275	GUARA	3214
GS1076	MIDAS	413248	GS1173	MIDAS	480630 <sup>28</sup>	GS1234	GUARA	40316S	GS1275	MIDAS	3214
GS1078	GUARA	415960	GS1174	GUARA	370023A	GS1234	MIDAS	40316S	GS1276	GUARA	8660S
GS1078	MIDAS	415960	GS1174	MIDAS	370023A	GS1236	GUARA	442874	GS1276	MIDAS	8660S
GS1080	GUARA	411348 <sup>28</sup>	GS1178	GUARA	1992	GS1236	MIDAS	442874	GS1277	GUARA	415447
GS1080	MIDAS	411348 <sup>28</sup>	GS1178	MIDAS	1992	GS1238	GUARA	474278	GS1277	MIDAS	415447
GS1088	GUARA	1949	GS1181	GUARA	5756	GS1238	GUARA	6859S	GS1281	GUARA	3395 <sup>28</sup>
GS1088	MIDAS	1949	GS1181	MIDAS	5756	GS1239	GUARA	3199	GS1281	MIDAS	3395 <sup>28</sup>
GS1089	GUARA	1992	GS1182	GUARA	475009N	GS1239	MIDAS	3199	GS1283	GUARA	471862
GS1089	MIDAS	1992	GS1182	MIDAS	475009N	GS1240	GUARA	410496 <sup>28</sup>	GS1283	MIDAS	471862
GS1091	GUARA	1209	GS1183	GUARA	3210	GS1240	MIDAS	410496 <sup>28</sup>	GS1286	GUARA	8597S
GS1095	GUARA	1012N	GS1183	MIDAS	3210	GS1241	GUARA	416273 <sup>28</sup>	GS1286	MIDAS	8597S
GS1095	MIDAS	1012N	GS1187	GUARA	370046A	GS1242	GUARA	41787S	GS1287	GUARA	9363S
GS1101	GUARA	1174	GS1187	MIDAS	370046A	GS1242	MIDAS	41787S	GS1287	MIDAS	9363S
GS1101	MIDAS	1174	GS1190	GUARA	471224 <sup>28</sup>	GS1246	GUARA	1012N	GS1288	GUARA	470059
GS1107	GUARA	1973	GS1190	MIDAS	471224 <sup>28</sup>	GS1246	MIDAS	1012N	GS1288	GUARA	470380 <sup>28</sup>
GS1107	MIDAS	1973	GS1194	GUARA	340151	GS1249	GUARA	8293S	GS1288	MIDAS	470059
GS1109	GUARA	227040	GS1194	MIDAS	340151	GS1249	MIDAS	8293S	GS1288	MIDAS	470380 <sup>28</sup>
GS1109	GUARA	70X90X10 <sup>28</sup>	GS1198	GUARA	204017	GS1250	GUARA	416865 <sup>28</sup>	GS1289	GUARA	7886S
GS1109	MIDAS	227040	GS1198	MIDAS	204017	GS1250	MIDAS	416865 <sup>28</sup>	GS1289	MIDAS	7886S
GS1109	MIDAS	70X90X10 <sup>28</sup>	GS1201	GUARA	440265	GS1253	GUARA	484054 <sup>28</sup>	GS1290	GUARA	473228
GS1112	GUARA	224820	GS1201	MIDAS	440265	GS1253	GUARA	6370N	GS1290	GUARA	51098
GS1112	GUARA	48X62X8 <sup>28</sup>	GS1202	GUARA	40494S	GS1255	GUARA	484058	GS1290	MIDAS	473228
GS1112	MIDAS	224820	GS1202	GUARA	7834	GS1255	MIDAS	484058	GS1290	MIDAS	51098
GS1112	MIDAS	48X62X8 <sup>28</sup>	GS1203	GUARA	451147H	GS1256	GUARA	9161	GS1291	GUARA	470487N
GS1114	GUARA	1213N	GS1203	GUARA	472164 <sup>28</sup>	GS1256	MIDAS	9161	GS1291	MIDAS	470487N
GS1114	MIDAS	1213N	GS1204	GUARA	5827	GS1257	GUARA	473812	GS1292	GUARA	470059
GS1115	GUARA	482126	GS1204	MIDAS	5827	GS1257	MIDAS	473812	GS1292	GUARA	470380 <sup>28</sup>
GS1115	MIDAS	482126	GS1205	GUARA	6781	GS1258	GUARA	8594S	GS1292	MIDAS	470059
GS1115	MIDAS	482126	GS1205	MIDAS	6781	GS1258	MIDAS	8594S	GS1292	MIDAS	470380 <sup>28</sup>
GS1118	GUARA	1174	GS1206	GUARA	203006 <sup>28</sup>	GS1259	GUARA	8133S	GS1293	GUARA	8940S
GS1118	MIDAS	1174	GS1206	MIDAS	203006 <sup>28</sup>	GS1259	MIDAS	8133S	GS1293	MIDAS	8940S
GS1121	GUARA	1012N	GS1207	GUARA	44053	GS1260	GUARA	8549S	GS1294	GUARA	415995 <sup>28</sup>
GS1121	MIDAS	1012N	GS1207	MIDAS	44053	GS1260	MIDAS	8549S	GS1294	GUARA	455013
GS1123	GUARA	1174	GS1211	GUARA	473450 <sup>28</sup>	GS1261	GUARA	51322	GS1294	MIDAS	415995 <sup>28</sup>
GS1123	MIDAS	1174	GS1211	MIDAS	473450 <sup>28</sup>	GS1261	MIDAS	51322	GS1294	MIDAS	455013
GS1125	GUARA	473230 <sup>28</sup>	GS1213	GUARA	1949	GS1262	GUARA	9569S	GS1295	GUARA	8695S
GS1125	MIDAS	473230 <sup>28</sup>	GS1213	MIDAS	1949	GS1262	MIDAS	9569S	GS1295	MIDAS	8695S
GS1132	GUARA	1196	GS1214	GUARA	472475	GS1263	GUARA	42763	GS1296	GUARA	470064
GS1132	MIDAS	1196	GS1214	GUARA	6064	GS1263	MIDAS	42763	GS1296	GUARA	471821 <sup>28</sup>
GS1133	GUARA	471737	GS1215	GUARA	203034	GS1264	GUARA	9568	GS1296	MIDAS	470064
GS1133	MIDAS	471737	GS1215	MIDAS	203034	GS1264	MIDAS	9568	GS1296	MIDAS	471821 <sup>28</sup>
GS1134	GUARA	483793	GS1218	GUARA	470712 <sup>28</sup>	GS1265	GUARA	7687S	GS1297	GUARA	450143
GS1134	MIDAS	483793	GS1218	MIDAS	470712 <sup>28</sup>	GS1265	MIDAS	7687S	GS1297	MIDAS	450143
GS1138	GUARA	1209	GS1220	GUARA	1012N	GS1268	GUARA	450444	GS1298	GUARA	224015
GS1145	GUARA	2002	GS1220	GUARA	1960	GS1268	GUARA	471835 <sup>28</sup>	GS1298	MIDAS	224015
GS1145	MIDAS	2002	GS1220	GUARA	45X62X8 <sup>28</sup>	GS1268	MIDAS	450444	GS1301	GUARA	8835S
GS1147	GUARA	1986	GS1221	GUARA	471785 <sup>28</sup>	GS1268	MIDAS	471835 <sup>28</sup>	GS1301	MIDAS	8835S
GS1147	MIDAS	1986	GS1221	MIDAS	471785 <sup>28</sup>	GS1269	GUARA	450776 <sup>28</sup>	GS1302	GUARA	40286
GS1159	GUARA	224045	GS1222	GUARA	451182	GS1269	MIDAS	450776 <sup>28</sup>	GS1302	MIDAS	40286
GS1159	MIDAS	224045	GS1222	MIDAS	451182	GS1270	GUARA	450365	GS1306	GUARA	224270
GS1161	GUARA	442874	GS1226	GUARA	8139	GS1270	GUARA	470898	GS1306	GUARA	42X72X10 <sup>28</sup>
GS1161	MIDAS	442874	GS1226	MIDAS	8139	GS1270	MIDAS	450365	GS1306	MIDAS	224270
GS1168	GUARA	203006 <sup>28</sup>	GS1229	GUARA	5756	GS1270	MIDAS	470898	GS1306	MIDAS	42X72X10 <sup>28</sup>
			GS1229	MIDAS	5756	GS1272	GUARA	1974			

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<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
GS1307	GUARA	473234 <sup>28</sup>	GS1360	GUARA	2081	GS1394	GUARA	48X70X9 <sup>28</sup>	H1028813	CUMMI	470712 <sup>28</sup>
GS1307	MIDAS	473234 <sup>28</sup>	GS1360	MIDAS	2081	GS1394	MIDAS	1994	H1028821	CUMMI	471570 <sup>28</sup>
GS1310	GUARA	9178S	GS1361	GUARA	9864S	GS1394	MIDAS	48X70X9 <sup>28</sup>	H103666	CUMMI	473016 <sup>28</sup>
GS1310	MIDAS	9178S	GS1361	MIDAS	9864S	GS1397	GUARA	1208	H1110	OLIVE	450316
GS1315	GUARA	1012N	GS1362	GUARA	417158 <sup>28</sup>	GS1397	GUARA	48X72X7 <sup>28</sup>	H1110	OLIVE	472636 <sup>28</sup>
GS1315	MIDAS	1012N	GS1362	MIDAS	417158 <sup>28</sup>	GS1397	MIDAS	1208	H11773	ALLCH	471567 <sup>28</sup>
GS1318	GUARA	472747	GS1363	GUARA	417158 <sup>28</sup>	GS1397	MIDAS	48X72X7 <sup>28</sup>	H1240	MARMO	470358
GS1318	MIDAS	472747	GS1363	GUARA	9864S	GS1399	GUARA	8429S	H1240	MARMO	473231
GS1319	GUARA	5458	GS1364	GUARA	417487	GS1399	MIDAS	8429S	H12477	GMC	473227
GS1319	MIDAS	5458	GS1364	GUARA	455086	GS1403	GUARA	473234 <sup>28</sup>	H12478	GMC	240319
GS1320	GUARA	340823	GS1364	MIDAS	417487	GS1403	GUARA	473241	H1251442	LEROI	455151
GS1320	MIDAS	340823	GS1364	MIDAS	455086	GS1407	GUARA	450666	H1251443	LEROI	450054
GS1321	GUARA	6712NA	GS1365	GUARA	3385	GS1407	MIDAS	450666	H1251444	LEROI	470064
GS1321	MIDAS	6712NA	GS1365	MIDAS	3385	GS1408	GUARA	5573	H1251444	LEROI	471821 <sup>28</sup>
GS1322	GUARA	3604	GS1366	GUARA	6358	GS1408	MIDAS	5573	H1251446	LEROI	473435
GS1322	GUARA	414045 <sup>28</sup>	GS1366	MIDAS	6358	GS1409	GUARA	6241S	H1251447	LEROI	6863S <sup>28</sup>
GS1323	GUARA	2689S	GS1368	GUARA	416292	GS1409	MIDAS	6241S	H125206	LEROI	450083
GS1323	MIDAS	2689S	GS1368	MIDAS	416292	GS1414	GUARA	417485	H125206	LEROI	472924 <sup>28</sup>
GS1324	GUARA	9912	GS1369	GUARA	415085 <sup>28</sup>	GS1414	MIDAS	417485	H125208	LEROI	455151
GS1324	MIDAS	9912	GS1369	GUARA	456648	GS1415	GUARA	5965	H125209	LEROI	481073
GS1325	GUARA	3195	GS1369	MIDAS	415085 <sup>28</sup>	GS1415	MIDAS	5965	H125210	LEROI	470064
GS1325	MIDAS	3195	GS1369	MIDAS	456648	GS1416	GUARA	415857 <sup>28</sup>	H125210	LEROI	471821 <sup>28</sup>
GS1327	GUARA	9049N	GS1370	GUARA	415437 <sup>28</sup>	GS1416	MIDAS	415857 <sup>28</sup>	H125212	LEROI	450039
GS1327	MIDAS	9049N	GS1370	GUARA	455173	GS1418	GUARA	451948	H137	IRON	470077
GS1328	GUARA	8704S	GS1370	MIDAS	415437 <sup>28</sup>	GS1418	MIDAS	451948	H137	IRON	474281 <sup>28</sup>
GS1328	MIDAS	8704S	GS1370	MIDAS	455173	GS1419	GUARA	470169	H1443	OLIVE	450085
GS1330	GUARA	472144 <sup>28</sup>	GS1371	GUARA	370033A	GS1419	GUARA	473214	H1443	OLIVE	470530 <sup>28</sup>
GS1330	MIDAS	472144 <sup>28</sup>	GS1371	MIDAS	370033A	GS1419	MIDAS	470169	H1443	WHITE	450085
GS1332	GUARA	5113	GS1372	GUARA	415958 <sup>28</sup>	GS1419	MIDAS	473214	H1443	WHITE	470530 <sup>28</sup>
GS1332	MIDAS	5113	GS1372	GUARA	455958	GS1420	GUARA	1188	H153F	GN-TI	471750 <sup>28</sup>
GS1333	GUARA	472492 <sup>28</sup>	GS1372	MIDAS	415958 <sup>28</sup>	GS1420	MIDAS	1188	H154	MINNM	473243
GS1333	MIDAS	472492 <sup>28</sup>	GS1372	MIDAS	455958	GS1422	GUARA	6960	H1582	OLIVE	450070
GS1341	GUARA	6090S	GS1373	GUARA	456618	GS1422	MIDAS	6960	H1582	OLIVE	472185 <sup>28</sup>
GS1341	MIDAS	6090S	GS1373	MIDAS	456618	GS1423	GUARA	205015	H165	AM BR	450040
GS1346	GUARA	412119 <sup>28</sup>	GS1374	GUARA	370024A	GS1423	MIDAS	205015	H193	GN-TI	6283S
GS1346	GUARA	472856	GS1374	MIDAS	370024A	GS1427	GUARA	473258 <sup>28</sup>	H22981	JA-HE	471532
GS1346	MIDAS	412119 <sup>28</sup>	GS1376	GUARA	473238 <sup>28</sup>	GS1427	MIDAS	473258 <sup>28</sup>	H2319A	GMC	450194
GS1346	MIDAS	472856	GS1376	MIDAS	473238 <sup>28</sup>	GS1429	GUARA	5131	H2319A	GMC	473010 <sup>28</sup>
GS1347	GUARA	412119 <sup>28</sup>	GS1379	GUARA	223535	GS1429	MIDAS	5131	H25051	JOHND	40395
GS1347	GUARA	450101	GS1381	GUARA	1174	GS1434	GUARA	6960	H25051	JOHND	40395S
GS1348	GUARA	410987 <sup>28</sup>	GS1381	MIDAS	1174	GS1434	MIDAS	6960	H2586B	JOHND	481163 <sup>28</sup>
GS1348	GUARA	450686	GS1382	GUARA	224235	GS1435	GUARA	471192	H275	OLIVE	6863S <sup>28</sup>
GS1349	GUARA	416271 <sup>28</sup>	GS1382	GUARA	42X58X7 <sup>28</sup>	GS1435	MIDAS	471192	H281	FABCO	415302
GS1349	MIDAS	416271 <sup>28</sup>	GS1382	MIDAS	224235	GS1482	GUARA	5699	H282	FABCO	450078
GS1350	GUARA	410825	GS1382	MIDAS	42X58X7 <sup>28</sup>	GS1482	MIDAS	5699	H282	FABCO	473444
GS1350	MIDAS	410825	GS1383	GUARA	1188	GSE461	ALLCH	415001 <sup>28</sup>	H3030	MUSAS	710421
GS1351	GUARA	417480 <sup>28</sup>	GS1383	MIDAS	1188	GSE461	ALLCH	455001	H3042	MUSAS	710371
GS1351	GUARA	455860	GS1386	GUARA	41X56X7 <sup>28</sup>	GTB5398	FORD	450291	H3044	MUSAS	225875
GS1351	MIDAS	417480 <sup>28</sup>	GS1386	MIDAS	41X56X7 <sup>28</sup>	GTB5398	FORD	471141 <sup>28</sup>	H3058	MUSAS	710052
GS1351	MIDAS	455860	GS1387	GUARA	1180	GTB7269	FORD	450593 <sup>28</sup>	H3080	MUSAS	710296
GS1354	GUARA	415458 <sup>28</sup>	GS1387	GUARA	41X55X7 <sup>28</sup>	GTB7274	FORD	473215 <sup>28</sup>	H3081	MUSAS	710295
GS1354	GUARA	475003N	GS1387	MIDAS	1180	GW24014406	TROS	440265	H3082	MUSAS	710055
GS1354	GUARA	475458	GS1387	MIDAS	41X55X7 <sup>28</sup>	GX1538	MASSE	471801 <sup>28</sup>	H3083	MUSAS	710369
GS1356	GUARA	455008	GS1388	GUARA	1174	GY01-10-602	MAZDA	710837	H311	TLSMI	471192
GS1356	MIDAS	455008	GS1388	MIDAS	1174	GY01-12-601	MAZDA	471651	H3110	TLSMI	415458 <sup>28</sup>
GS1357	GUARA	2222	GS1391	GUARA	1174	GY2006W	JOHND	470548	H3110	TLSMI	455003
GS1357	MIDAS	2222	GS1391	MIDAS	1174	GY2006W	JOHND	470625 <sup>28</sup>	H31101	LEROI	450446
GS1359	GUARA	415009	GS1393	GUARA	1974	H001-33-065	MAZDA	1975	H31103	TLSMI	455584
GS1359	GUARA	415960 <sup>28</sup>	GS1393	MIDAS	1974	H001-33-065A	MAZDA	1975	H31104	TLSMI	455576 <sup>28</sup>
GS1359	GUARA	455009	GS1394	GUARA	1994	H1005	DURA	471442 <sup>28</sup>	H31107	TLSMI	474278

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
H31107	TLSMI	480356	H70792	GAL	410867N	HD1022	LETN	450291	HO-31	ATP	710217
H31124	TLSMI	416888 <sup>28</sup>	H749085	CASE	200339 <sup>28</sup>	HD1022	LETN	471141 <sup>28</sup>	HO-32	ATP	224045
H31124	TLSMI	455200	H75296	JOHND	471808 <sup>28</sup>	HD1107	LETN	6565N	HO-33	ATP	224066
H31129	TLSMI	415317	H75-HER12010	HERCU	410101N	HD2620	LETN	417344 <sup>28</sup>	HO-34	ATP	239146
H31131	TLSMI	415035	H85305	GAL	471271 <sup>28</sup>	HD2620	LETN	455006	HO-35	ATP	712551
H31138	TLSMI	9568	H861	PORTR	415991	HD4135	LETN	450911N <sup>28</sup>	HO-36	ATP	712551
H312	TLSMI	470064	H861	PORTR	455146 <sup>28</sup>	HD41352	LETN	450911N <sup>28</sup>	HO-37	ATP	1146
H312	TLSMI	471821 <sup>28</sup>	H-9-K226	CONTI	450025	HD4136	LETN	6565N	HO-38	ATP	1147
H3120	TLSMI	416167 <sup>28</sup>	H-9-K226	CONTI	471553 <sup>28</sup>	HD4272	LETN	415645 <sup>28</sup>	HO-39	ATP	710173
H3120	TLSMI	455091	HA1198	HOUGH	471689 <sup>28</sup>	HD4272	LETN	455104	HO-40	ATP	710598
H3121	TLSMI	415351 <sup>28</sup>	HA1199	HOUGH	473215 <sup>28</sup>	HD4488	LETN	6565N	HO-41	ATP	710796
H313	TLSMI	472029	HA1213	HOUGH	471795	HD44881	LETN	455134 <sup>28</sup>	HO-42	ATP	710629
H313249	AMC	415995 <sup>28</sup>	HA1217	HOUGH	471689 <sup>28</sup>	HD44882	LETN	455134 <sup>28</sup>	HO-43	ATP	710630
H313249	AMC	455013	HA1405	HOUGH	474278	HD4496	LETN	417172	HO-44	ATP	710677
H3139	TLSMI	417211 <sup>28</sup>	HA1405	HOUGH	480356	HD4565	LETN	415138 <sup>28</sup>	HO-45	ATP	223553
H3143	TLSMI	415995 <sup>28</sup>	HA396	HOUGH	411394 <sup>28</sup>	HD4674	LETN	416107 <sup>28</sup>	HO-46	ATP	710911
H3143	TLSMI	455013	HA396	HOUGH	450317	HD4674	LETN	455073	HO8	ATP	7300S
H3148	TLSMI	415035 <sup>28</sup>	HA775	HOUGH	415027 <sup>28</sup>	HD5454	LETN	415035	HO9	ATP	7692S
H3148	TLSMI	455035	HA775	HOUGH	455027	HD5586	LETN	417563	HS282	HOUGH	473243
H315	TLSMI	415991	HA889	HOUGH	415995 <sup>28</sup>	HD6845	LETN	417563	HS4537AH-1	CHRY5	415371
H315	TLSMI	455146 <sup>28</sup>	HA889	HOUGH	455013	HD68451	LETN	417563	HS925	HOUGH	474278
H3150	TLSMI	410496 <sup>28</sup>	HB19009	EMSCO	415072	HD684512	WABCO	417563	HS925	HOUGH	480356
H3154	TLSMI	417254	HB19069	EMSCO	415124	HD684513	WABCO	417563	HX43662	JOHND	471255 <sup>28</sup>
H3155	TLSMI	417554 <sup>28</sup>	HC1266	LETN	415045 <sup>28</sup>	HD68452	LETN	417563	HX44879	JOHND	471529
H3157	TLSMI	417546 <sup>28</sup>	HC1411	LETN	417344 <sup>28</sup>	HD68453	LETN	417563	HY694	HU-WR	417267
H3158	TLSMI	415991	HC1411	LETN	455006	HD68455	LETN	417563	HY704	HU-WR	471472 <sup>28</sup>
H3158	TLSMI	455146 <sup>28</sup>	HC2071	LETN	473245 <sup>28</sup>	HD68456	LETN	417563	HYD-2-A6	FAIRB	470548
H318	TLSMI	472560N <sup>28</sup>	HC32842	LETN	418028	HD68457	LETN	417563	HYD-2-A6	FAIRB	470625 <sup>28</sup>
H318	TLSMI	50151S	HC32842	LETN	455137 <sup>28</sup>	HD684813	WABCO	417563	HYD-2-A7	FAIRB	417316 <sup>28</sup>
H3193	TLSMI	415995 <sup>28</sup>	HC3908	LETN	415043	HE11072	LETN	6565N	HYD-2-A7	FAIRB	455004
H3193	TLSMI	455013	HC527	LETN	415035	HE11074	LETN	6565N	I3511	MUSAS	710248
H324394	AMC	470219	HC544	LETN	412473 <sup>28</sup>	HG483	WITTE	472012	I3513	MUSAS	710080
H324394	AMC	471649 <sup>28</sup>	HC544	LETN	415894	HH00031043	TLSMI	415995 <sup>28</sup>	I3514	MUSAS	710081
H324395	AMC	471652	HC7497	LETN	417563	HH00031043	TLSMI	455013	I3515	MUSAS	710373
H336842	CASE	471413 <sup>28</sup>	HCF12312	AU-WS	470954 <sup>28</sup>	HK7010	LETN	417548	I3542	MUSAS	710278
H428839	CASE	416556 <sup>28</sup>	HCF12314	B-L-H	471224 <sup>28</sup>	HL1305	LETN	417570	I3543	MUSAS	225020
H428839	CASE	472157	HCF12315	B-L-H	415234 <sup>28</sup>	HL153	GN-TI	441319	I3573	MUSAS	710087
H441	PORTR	417601	HCF12316	B-L-H	412040	HL16	HOLT	481163 <sup>28</sup>	I3574	MUSAS	710084
H441	TEXAS	417601	HCF12316	CLARK	412040	HLX295	MASSE	240151	I3575	MUSAS	710085
H442	PORTR	55301S	HCF12317	B-L-H	415147	HM371	LK-BT	482253	I3590	MUSAS	227040
H442	TEXAS	55301S	HCF12317	B-L-H	415449 <sup>28</sup>	HM377	LK-BT	415023	I3592	MUSAS	710088
H4622S	CASE	472144 <sup>28</sup>	HCF12317	CLARK	415449 <sup>28</sup>	HM59	LK-BT	415001 <sup>28</sup>	I3593	MUSAS	710268
H501-17-103	MAZDA	710511	HCF12318	B-L-H	472572 <sup>28</sup>	HM59	LK-BT	455001	I3594	MUSAS	710086
H5035	KRSE	340900	HCF12318	CLARK	472572 <sup>28</sup>	HO-14	ATP	710445	I3600	MUSAS	710089
H50490	KRSE	417343 <sup>28</sup>	HCF12319	B-L-H	415294 <sup>28</sup>	HO-15	ATP	710721	I3606	MUSAS	474230
H51240	MARMO	410308 <sup>28</sup>	HCF12319	CLARK	415294 <sup>28</sup>	HO-16	ATP	710805	I3608	MUSAS	710081
H51240	MARMO	450308	HCF13182	AU-WS	415072	HO-17	ATP	225545	I3647	MUSAS	222860
H54879	ITM	2007N	HCF244	AU-WS	450316	HO-18	ATP	710838	I3648	MUSAS	710516
H553	PORTR	416891 <sup>28</sup>	HCF244	AU-WS	472636 <sup>28</sup>	HO-19	ATP	710868	I3658	MUSAS	710511
H59039	ITM	473367	HCF279	AU-WS	55030	HO-20	ATP	350609	I3659	MUSAS	710512
H604637	SPICE	415013	HCF280	AU-WS	412473 <sup>28</sup>	HO-21	ATP	350609	I3660	MUSAS	224250
H604637	SPICE	415995 <sup>28</sup>	HCF280	AU-WS	415894	HO-22	ATP	221207	I3661	MUSAS	710768
H620A	HOUGH	415449 <sup>28</sup>	HCF281	AU-WS	415449 <sup>28</sup>	HO-23	ATP	220918	I3682	MUSAS	710620
H620A	HOUGH	455147	HCF281	AU-WS	455147	HO-24	ATP	223553	I3900	MUSAS	710309
H620A	OLIVE	450593 <sup>28</sup>	HCF3129	AU-WS	471224 <sup>28</sup>	HO-25	ATP	1147	I3903	MUSAS	239201
H687	PORTR	417273	HCF3129A	AU-WS	471224 <sup>28</sup>	HO-26	ATP	710795	I3909	MUSAS	222835
H693	OLIVE	450291	HCF5091A	AU-WS	417538	HO-27	ATP	710315	I3910	MUSAS	3543
H693	OLIVE	471141 <sup>28</sup>	HCF5097	AU-WS	471270 <sup>28</sup>	HO-28	ATP	1036	ICV100000	ROVER	224250
H706	PORTR	455330 <sup>28</sup>	HCF5098A	AU-WS	473227	HO-29	ATP	710598	ID306	IDECO	416229
H706	TEXAS	455330 <sup>28</sup>	HCT186	FMC	417316 <sup>28</sup>	HO-30	ATP	710110	IE3648	DENCO	482041N

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<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
IJH5033E	NOK	3771	J501389	AMC	4370N	J8132779	AMC	7412S	JMU149A	BR-WN	471554 <sup>2B</sup>
IJH5033-E0	NOK	3771	J501389	CHRY	4370N	J8132822	AMC	483793	JO-105	ATP	710096
ISK76884	IH	416167 <sup>2B</sup>	J501389	JEEP	4370N	J8132957	AMC	473442 <sup>2B</sup>	JO-122	ATP	714598
ISK76884	IH	455091	J51163	FULLE	471787 <sup>2B</sup>	J8133528	AMC	3638	JO-124	ATP	4333N
IX223	GRAY	471255 <sup>2B</sup>	J51163	MARMO	471787 <sup>2B</sup>	J8133529	AMC	313156	JO-126	ATP	4674N
IXE446	GRAY	472439	J51163	SPICE	471787 <sup>2B</sup>	J8133643	AMC	341022	JO-127	ATP	4577
IZB500010	ROVER	710749	J51291	FULLE	471192	J8133643	CHRY	341022	JO-128	ATP	714679
IZB500020	ROVER	710750	J51291	MARMO	471192	J8134216	AMC	472319	JO-131	ATP	4918
IZB500030	ROVER	710743	J51296	FULLE	415458 <sup>2B</sup>	J8134446	AMC	710046	JO-132	ATP	100165
IZB500050	ROVER	710946	J51296	FULLE	455003	J8134478	AMC	3173	JO-18	ATP	4613N
J-0081	JEFF	473461 <sup>2B</sup>	J51296	MARMO	415458 <sup>2B</sup>	J8134478	AMC	710928	JO-20	ATP	415988
J0260074	JEEP	1172	J51296	MARMO	455003	J8134491	AMC	4370N	JO-24	ATP	718610
J0260074	RENAU	1172	J51297	FULLE	450117	J8134491	CHRY	4370N	JO-25	ATP	4615V
J0719273	AMC	223005	J51297	FULLE	472572 <sup>2B</sup>	J8134491	JEEP	4370N	JO-26	ATP	4701N
J0719273	CHRY	223005	J51299	FULLE	450117	J8134680	CHRY	710058	JO57	ATP	9449
J0719273	RENAU	223005	J51299	FULLE	472572 <sup>2B</sup>	J8182957	AMC	473442 <sup>2B</sup>	JOOO38066	FWD	415072
J0719274	AMC	225020	J51299	MARMO	472572 <sup>2B</sup>	J9031050001	VW	1960	JOOO83065	FWD	415559
J0719274	CHRY	225020	J5349457	AMC	710928	J9031130014	VW	1981	JR139	FMC	472439
J0719274	RENAU	225020	J5356675	AMC	442874	J9031142019	VW	2025	JR139	LK-BT	472439
J0743161	RENAU	228010	J5359457	AMC	3173	J9031150005	VW	1948	JT265A	MINNM	470059
J0853373	CHRY	229005	J5359457	CHRY	3173	J9031162001	VW	226285	JT265A	MINNM	470380 <sup>2B</sup>
J0854842	RENAU	1172	J5359457	JEEP	3173	JA000779	WILLY	40576S	JT3005	MINNM	450194
J0854852	RENAU	1172	J5365082	AMC	3945	JE15-10-602	MAZDA	710264	JT3005	MINNM	473010 <sup>2B</sup>
J0859691	RENAU	3771	J6110	BORGW	473445	JE15-10-602A	MAZDA	710264	JT3089	MINNM	471801 <sup>2B</sup>
J0938031	AMC	482267	J6816980	CHRY	710196	JE26-12-601	MAZDA	321416	JT3111	MINNM	471192
J0998092	CHRY	5778	J7108	BORGW	340483	JE26-12-601A	MAZDA	321416	JT3134	MINNM	472299
J0998092	CHRY	5778V	J7110	BORGW	410101N	JE26-12-602	MAZDA	226510	JT367	MINNM	417316 <sup>2B</sup>
J0998092	JEEP	5778	J775	BORGW	470120	JE26-12-602A	MAZDA	226510	JT367	MINNM	455004
J0998092	JEEP	5778V	J775	BORGW	471224 <sup>2B</sup>	JE9229	MINNM	471570 <sup>2B</sup>	JT467A	MINNM	415995 <sup>2B</sup>
J10544	JOHND	471570 <sup>2B</sup>	J8121397	AMC	722108	JEJ40B304430	CINMI	450067	JT467A	MINNM	455013
J10544H	JOHND	471570 <sup>2B</sup>	J8121399	WILYS	472397 <sup>2B</sup>	JEJ40B304430	CINMI	473228	JT885	MINNM	417267
J1105	TIMKE	J1105	J8121781	AMC	710068	JF01-10-602	MAZDA	224660	JT885A	MINNM	330663
J1106	TIMKE	J1106	J8122404	JEEP	5872S	JF01-10-602A	MAZDA	224660	JT885A	MINNM	472354 <sup>2B</sup>
J1111	TIMKE	J1111	J8123077	JEEP	450185	JF01-11-312	MAZDA	1019	JV1007	VIC	224250
J13672	JOHND	40169S	J8123077	JEEP	473229	JF01-11-312A	MAZDA	1019	JV1015	VIC	225020
J1606	TIMKE	J1606	J8124630	AMC	5131	JF01-12-602	MAZDA	1940	JV1023	VIC	224250
J176	BORGW	472394	J8124881	AMC	3638	JF01-12-602A	MAZDA	1940	JV1036	VIC	224460
J177	BORGW	472394	J8124893	AMC	9613S	JG1291	MARMO	471192	JV1044	VIC	223012
J177061	CINMI	471192	J8125718	AMC	3638	JH20912	JA-HE	471760	JV-1055	VIC	710233
J179	BORGW	410312N	J8127350	AMC	722109	JH20917	JA-HE	473213 <sup>2B</sup>	JV1059	VIC	710332
J2110	BORGW	450185	J8127391	AMC	3638	JH20920	JA-HE	471646 <sup>2B</sup>	JV1062	VIC	710056
J2110	BORGW	473229	J8128013	AMC	2443	JH20923	JA-HE	470590	JV1072	VIC	224460
J3170700	AMC	7687S	J8128016	AMC	222820	JH20924	JA-HE	470027	JV1194	VIC	710620
J3183981	AMC	470331N	J8128016	AMC	28X40X7 <sup>2B</sup>	JH20924	JA-HE	471554 <sup>2B</sup>	JV13410	VIC	5414
J3208474	AMC	470331N	J8129096	AMC	5131	JH20927	JA-HE	470219	JV1601	VIC	710235
J3236560	JEEP	470331N	J8130762	AMC	471737	JH20927	JA-HE	471649 <sup>2B</sup>	JV1649	VIC	710894
J3238137	AMC	3942	J8130762	CHRY	471737	JH20928	JA-HE	471646 <sup>2B</sup>	JV1662	VIC	710352
J32400086	CHRY	9912	J8130808	AMC	3946	JH20938	JA-HE	471532	JV1663	VIC	710765
J3240086	AMC	9912	J8130810	AMC	3946	JH20939	JA-HE	340469	JV1666	VIC	710235
J3240086	CHRY	9912	J8130870	AMC	3173	JH20940	JA-HE	350156	JV1671	VIC	710860
J3241669	AMC	3698	J8130870	AMC	710928	JH20940	JA-HE	473096	JV1678	VIC	710676
J376	BORGW	472394	J8130982	AMC	341022	JJ20-116	JAGUA	450867	JV1693	VIC	710840
J379	BORGW	410312N	J8130982	CHRY	341022	JLM010613	JAGUA	450867	JV1705	VIC	710237
J4103	GMC	472560N <sup>2B</sup>	J8130982	JEEP	341022	JLM10856	JAGUA	224010	JV1716	VIC	710855
J4103	GMC	50151S	J8131669	AMC	711552	JLM20211	JAGUA	710718	JV1719	VIC	710814
J4194980	CHRY	710196	J8131674	AMC	471466	JLM660	JAGUA	224010	JV1721	VIC	710884
J4486140	AMC	313842	J8131684	JEEP	3173	JLM866	JAGUA	710780	JV1722	VIC	710602
J4486141	JEEP	474134	J8131684	JEEP	710928	JM172	LK-BT	455018	JV1727	VIC	710707
J4488330	JEEP	480821 <sup>2B</sup>	J8132672	AMC	472439	JM172	LK-BT	476470	JV1733	VIC	711003
J50116103	HONDA	3638	J8132702	JEEP	470331N	JMU149A	BR-WN	470027	JV503	VIC	227020

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
JV503	VIC	70X88X8 <sup>28</sup>	JV730R	VIC	5108	K12011AS	Y-T	470334 <sup>28</sup>	K150-33-067	MAZDA	710323
JV5032	VIC	710713	JV741	VIC	5095	K12011AT	Y-T	450076	K150-33-154	MAZDA	4990
JV506	VIC	227235	JV742	VIC	5591	K12011AT	Y-T	470334 <sup>28</sup>	K154	MINNM	450117
JV507	VIC	228005	JV743	VIC	5111S	K12011AU	Y-T	450076	K154	MINNM	472572 <sup>28</sup>
JV508	VIC	3698	JV745	VIC	5591	K12011AU	Y-T	470334 <sup>28</sup>	K1582	OLIVE	323138 <sup>28</sup>
JV513	VIC	3772	JV749	VIC	5095	K12011AV	Y-T	473447	K1588	OLIVE	410496 <sup>28</sup>
JV5140	VIC	710554	JV870	VIC	472341 <sup>28</sup>	K12011AW	Y-T	470334 <sup>28</sup>	K1590	OLIVE	473436
JV5144	VIC	710187	JV878	VIC	321460	K12011AW	Y-T	50289	K1590	WHITE	473436
JV5156	VIC	710711	JV883	VIC	9845	K12011AX	Y-T	473447	K1622	AVCO	200354
JV5175	VIC	710887	JV907	VIC	227550	K12011AZ	Y-T	450094	K1660	AVCO	471354 <sup>28</sup>
JV534	VIC	227235	JV907	VIC	75X100X12 <sup>28</sup>	K12011AZ	Y-T	473462	K1715	AVCO	350909
JV534	VIC	228005	JV910	VIC	224520	K12011BA	Y-T	472394	K1715	AVCO	471224 <sup>28</sup>
JV536	VIC	229005	JV910	VIC	45X60X10 <sup>28</sup>	K12011BB	Y-T	450083	K201-11-312	HYUND	228250
JV540	VIC	224250	JV910	VIC	45X60X10 <sup>28</sup>	K12011BB	Y-T	472924 <sup>28</sup>	K201-11-312	KIA	228250
JV547	VIC	3893V	JV914	VIC	3771	K12011BD	Y-T	450085	K201-33-065	MAZDA	1932
JV547	VIC	39608	JV933	TIMKE	JV933	K12011BD	Y-T	470530 <sup>28</sup>	K211-16-213	MAZDA	710316
JV548	VIC	229005	JV941	VIC	224460	K12011BG	Y-T	450121	K229	PORTR	416345 <sup>28</sup>
JV550	VIC	228700	JV942	VIC	224460	K12011BG	Y-T	472409 <sup>28</sup>	K229	PORTR	455033
JV552	VIC	3698	JV943	VIC	224840	K12011BK	Y-T	455321	K2375	PUL	450085
JV553	VIC	3698	JV944	VIC	224460	K12011BL	Y-T	410520	K2375	PUL	470530 <sup>28</sup>
JV563	VIC	228009	JV945	VIC	224840	K12011BL	Y-T	471272 <sup>28</sup>	K24004	ROSS	240356
JV567	VIC	716102	JV956	VIC	710331	K12011BM	Y-T	411253 <sup>28</sup>	K2530	AVCO	471224 <sup>28</sup>
JV596	VIC	40375	JV962	VIC	224250	K12011BM	Y-T	450099	K2532	AVCO	450069
JV602	VIC	5095	JV982	VIC	3476	K12011BN	Y-T	472029	K2532	AVCO	473232
JV603	VIC	5092	JV983	VIC	3476	K12011BQ	Y-T	413248	K2780P	CASE	200854
JV606	VIC	5414	JV984	VIC	1108	K12011BR	Y-T	415458 <sup>28</sup>	K2789P	CASE	200854
JV607	VIC	5650	JV993	VIC	3459	K12011BR	Y-T	455003	K300	PORTR	455197N
JV611	VIC	713750	JV994	VIC	224460	K12011BS	Y-T	417082	K3008	CASE	6575S
JV614	VIC	5117	JV998	VIC	224250	K12011BU	Y-T	416921 <sup>28</sup>	K301	PORTR	415351 <sup>28</sup>
JV615	VIC	3393	K011-11-312	KIA	229010	K12011BU	Y-T	455011	K305	PORTR	416892 <sup>28</sup>
JV617	VIC	3393	K011-11-312	MAZDA	229010	K12011BV	Y-T	416921 <sup>28</sup>	K32003	ROSS	5458 <sup>30</sup>
JV618	VIC	5117	K100000	TIMKE	471570 <sup>28</sup>	K12011BV	Y-T	455011	K3202615	KY-CL	470027
JV618	VIC	5118	K1110	OLIVE	415995 <sup>28</sup>	K12011BW	Y-T	416921 <sup>28</sup>	K3202615	KY-CL	471554 <sup>28</sup>
JV619	VIC	3698	K1110	OLIVE	455013	K12011BW	Y-T	455011	K32077	WHITE	323138 <sup>28</sup>
JV626	VIC	228480	K11223B	Y-T	450400	K12011C	Y-T	450025	K3229964	KY-CL	417486
JV627	VIC	228020	K12001D	Y-T	470954 <sup>28</sup>	K12011C	Y-T	471553 <sup>28</sup>	K3273	AVCO	470548
JV627	VIC	80X105X13 <sup>28</sup>	K12011AA	Y-T	471750 <sup>28</sup>	K12011CB	Y-T	415027 <sup>28</sup>	K3273	AVCO	470625 <sup>28</sup>
JV628	VIC	226020	K12011AD	Y-T	470403	K12011CB	Y-T	455027	K3325179	KY-CL	415937 <sup>28</sup>
JV628	VIC	60X80X8 <sup>28</sup>	K12011AD	Y-T	470774 <sup>28</sup>	K12011G	Y-T	481568 <sup>28</sup>	K3365	AVCO	203006 <sup>28</sup>
JV629	VIC	227040	K12011AE	Y-T	470950 <sup>28</sup>	K12011H	Y-T	471231 <sup>28</sup>	K3382	AVCO	417509
JV629	VIC	70X90X10 <sup>28</sup>	K12011AE	Y-T	6241S	K12011J	Y-T	481443 <sup>28</sup>	K3385	AVCO	470088
JV634	VIC	227550	K12011AF	Y-T	473215 <sup>28</sup>	K12011M	Y-T	481650	K3487	AVCO	471689 <sup>28</sup>
JV634	VIC	75X100X12 <sup>28</sup>	K12011AG	Y-T	470548	K12011N	Y-T	481650	K3489	AVCO	40140S
JV637	VIC	5591	K12011AG	Y-T	470625 <sup>28</sup>	K12011R	Y-T	480210 <sup>28</sup>	K3557	AVCO	41787S
JV640	VIC	224520	K12011AH	Y-T	470548	K12011S	Y-T	471651	K3600	FORD	200354
JV640	VIC	45X60X10 <sup>28</sup>	K12011AH	Y-T	470625 <sup>28</sup>	K12011V	Y-T	471765 <sup>28</sup>	K36060	OLIVE	205004
JV643	VIC	716102	K12011AJ	Y-T	470059	K12011Y	Y-T	471354 <sup>28</sup>	K36060	TIMKE	205004
JV644	VIC	228480	K12011AJ	Y-T	470380 <sup>28</sup>	K1256	PUL	412119 <sup>28</sup>	K37498K	JOHND	40140S
JV650	VIC	5419	K12011AK	Y-T	471820	K1256	PUL	450101	K3891	AVCO	450494
JV699	VIC	5072	K12011AL	Y-T	470059	K13006	ROSS	471652	K3891	AVCO	472164 <sup>28</sup>
JV705	VIC	5072	K12011AL	Y-T	470380 <sup>28</sup>	K1364	PUL	470027	K3892	AVCO	471192
JV706	VIC	5092	K12011AM	Y-T	470077	K1364	PUL	471554 <sup>28</sup>	K4048	AVCO	203008
JV710	VIC	5095	K12011AM	Y-T	474281 <sup>28</sup>	K1381	ROSS	472287 <sup>28</sup>	K4279	AVCO	450492
JV719	VIC	5591	K12011AM	Y-T	472213	K13810	ROSS	472287 <sup>28</sup>	K43	CASE	204002
JV730	VIC	5095	K12011AN	Y-T	472213	K1443	OLIVE	416921 <sup>28</sup>	K4337	CASE	471264 <sup>28</sup>
JV730P	VIC	5116	K12011AP	Y-T	470077	K1443	OLIVE	455011	K435	TLSMI	415458 <sup>28</sup>
			K12011AP	Y-T	474281 <sup>28</sup>	K14669	ROSS	470219	K435	TLSMI	455003
			K12011AR	Y-T	450070	K14669	ROSS	471649 <sup>28</sup>	K4445	AVCO	470358
			K12011AR	Y-T	472185 <sup>28</sup>	K150-26-154	MAZDA	1126	K4445	AVCO	473231 <sup>28</sup>
			K12011AS	Y-T	450076	K150-33-037	KIA	710323	K4538	AVCO	40520S

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
K4582	AVCO	473445	K694	PORTR	455290	K972	PORTR	415072	KS14012	GATES	223608
K4583	AVCO	473235 <sup>2B</sup>	K694	TEXAS	455290	K9L8336	CATER	J1136	KS14027	GATES	710331
K46	TMTR	204002	K706165	WILYS	416738 <sup>2B</sup>	K9L8340	CATER	415725 <sup>2B</sup>	KS14032	GATES	1940
K4655	AVCO	471344	K706165	WILYS	450096	K9L8341	CATER	473474	KS14125	GATES	710331
K501	PORTR	415645 <sup>2B</sup>	K71-304-00	DEXTE	413470	KA1261	KELSE	417172	KS14477	GATES	710355
K501	PORTR	455104	K71-387-00	DEXTE	370150A	KA62338	VICK	240731	KS14560	GATES	321417N
K502	PORTR	416865 <sup>2B</sup>	K734504	WILYS	410059	CAA09102001	KELSE	413247 <sup>2B</sup>	KS14671	GATES	223750
K502	PORTR	455070	K734504	WILYS	470380 <sup>2B</sup>	CAA13269	JOHND	470120	KS14713	GATES	223801
K503	TLSMI	473466	K735996	WILYS	340151	CAA13269	JOHND	471224 <sup>2B</sup>	KS14716	GATES	223802
K504	PORTR	416892 <sup>2B</sup>	K769	PUL	470045	KC4609	KOEK	415138 <sup>2B</sup>	KS14738	GATES	1038
K506	PORTR	416888 <sup>2B</sup>	K769	PUL	476838 <sup>2B</sup>	KD3665P	CASE	450456 <sup>2B</sup>	KS14759	GATES	1120
K506	PORTR	455200	K7931	CASE	6590S	KE406	MINNM	473236 <sup>2B</sup>	KS14772	GATES	223830
K507	PORTR	455311	K8104558AB11	GE	470606 <sup>2B</sup>	KE532	WHITE	470954 <sup>2B</sup>	KS15292	GATES	710318
K5108219	KY-CL	205017	K8104558AB3	GE	481073	KE532	WHITE	480954	KS15300	GATES	321416
K511	PORTR	415035 <sup>2B</sup>	K8104558AB4	GE	474276 <sup>2B</sup>	KE7237	PUL	417344 <sup>2B</sup>	KS15451	GATES	223802
K511	PORTR	455035	K8104558AB6	GE	471472 <sup>2B</sup>	KE7237	PUL	455006	KS15500	GATES	710233
K5115454	KY-CL	455006N	K8169240AA10	GE	471281 <sup>2B</sup>	KFU01-19-241A	KIA	710442	KS15701	GATES	710451
K5116224	KY-CL	482041N	K8169240AA11	GE	471103 <sup>2B</sup>	KJ113481	KP	710615	KS15800	GATES	224052
K5117983	KY-CL	470954 <sup>2B</sup>	K8169240AA11	GE	501975	KJ313113	KP	321416	KS15801	GATES	224052
K5131329	KY-CL	470625 <sup>2B</sup>	K8169240AA13	GE	471255 <sup>2B</sup>	KJ8135	KP	710329	KS15804	GATES	224010
K5134924	KY-CL	482069N	K8169240AA14	GE	470590	KK150-26-154	KIA	1126	KS15815	GATES	224020
K515	PORTR	416229	K8169240AA15	GE	6863S <sup>2B</sup>	KKY01-12-602	KIA	223012	KS15818	GATES	224020
K5153373	KY-CL	417344 <sup>2B</sup>	K8169240AA16	GE	471255 <sup>2B</sup>	KL01-11-312	MAZDA	1019	KS15818	GATES	710615
K5154314	KY-CL	416271 <sup>2B</sup>	K8169240AA17	GE	470120	KL05-10-602	MAZDA	223012	KS15823	GATES	224020
K516	PORTR	416107 <sup>2B</sup>	K8169240AA17	GE	471224 <sup>2B</sup>	KM552	KY-CL	415449 <sup>2B</sup>	KS15829	GATES	712551
K516	PORTR	455073	K8169240AA18	GE	470027	KO1	ATP	331107N	KS15910	GATES	710436
K5161028	KY-CL	471570 <sup>2B</sup>	K8169240AA18	GE	471554 <sup>2B</sup>	KO3	ATP	7692S	KS16022	GATES	224053
K517	PORTR	417602 <sup>2B</sup>	K8169240AA19	GE	471472 <sup>2B</sup>	KS10188	GATES	710399	KS16041	GATES	710220
K517	TEXAS	417602 <sup>2B</sup>	K8169240AA2	GE	481537	KS10634	GATES	222743	KS16471	GATES	710620
K518	PORTR	415072	K8169240AA20	GE	350435	KS10922	GATES	712008	KS16473	GATES	711181
K5192438	KY-CL	6370N	K8169240AA21	GE	320457	KS11122	GATES	3638	KS16487	GATES	710550
K521	PORTR	417596	K8169240AA3	GE	330385 <sup>2B</sup>	KS11152	GATES	321417N	KS16489	GATES	1953
K521	TEXAS	417596	K8169240AA5	GE	450431	KS11417	GATES	3638	KS16511	GATES	224215
K522	TLSMI	473451 <sup>2B</sup>	K8169240AA5	GE	471539 <sup>2B</sup>	KS11429	GATES	320595	KS16889	GATES	2012V
K5230007	KY-CL	471526 <sup>2B</sup>	K8169240AA6	GE	481073	KS11592	GATES	1981	KS16893	GATES	710264
K5255	CASE	455019 <sup>2B</sup>	K8169240AA7	GE	470954 <sup>2B</sup>	KS11608	GATES	223010	KS17107	GATES	2955
K565	PORTR	415991	K8169240AA8	GE	474277	KS11612	GATES	223012	KS17122	GATES	710264
K565	PORTR	455146 <sup>2B</sup>	K8169240AB1	GE	470163	KS11671	GATES	223018	KS17154	GATES	224660
K566	BUTBN	415013	K8169240AB1	GE	471766 <sup>2B</sup>	KS12301	GATES	710332	KS17286	GATES	9845
K566	BUTBN	415995 <sup>2B</sup>	K8169240AD3	GE	340413	KS12706	GATES	223220	KS17629	GATES	224460
K5856	PUL	481864	K8169240AD4	GE	340385	KS12711	GATES	223230	KS17729	GATES	45X60X7
K588	TLSMI	418028	K8169240AD5	GE	340151	KS12718	GATES	223235	KS17806	GATES	321460
K588	TLSMI	455137 <sup>2B</sup>	K8169240AD8	GE	340120	KS12724	GATES	710310	KS17897	GATES	224650
K5950	FORD	471820	K818	BUTBN	472179	KS12756	GATES	710415	KS18014	GATES	224663
K600L-200	CONTI	412119 <sup>2B</sup>	K82066	TIMKE	710467	KS12886	GATES	223340	KS18544	GATES	2692
K600L-200	CONTI	450101	K844	PORTR	417601	KS13423	GATES	223400	KS18854	GATES	224840
K620	MASSE	472439	K8705301	RCA	471442 <sup>2B</sup>	KS13427	GATES	710236	KS18877	GATES	716484
K620	OLIVE	472439	K8705302	RCA	455151	KS13429	GATES	223420	KS18971	GATES	710313
K620	WHITE	472439	K8705303	RCA	417491	KS13429	GATES	710886	KS20432	GATES	710187
K623448S	CASE	470898	K8705304	RCA	416047	KS13557	GATES	714655	KS20466	GATES	710190
K623450	CASE	472015 <sup>2B</sup>	K8705304	RCA	416332 <sup>2B</sup>	KS13709	GATES	1108	KS25518	GATES	226510
K6700846	KY-CL	471567 <sup>2B</sup>	K8767	ROSS	471750 <sup>2B</sup>	KS13857	GATES	1987	KT260A	MINNM	450183
K674	TLSMI	472560N <sup>2B</sup>	K8768	ROSS	470120	KS13907	GATES	710329	KT260A	MINNM	472179
K674	TLSMI	50151S	K8768	ROSS	471224 <sup>2B</sup>	KS13943	GATES	3771	KT365A	MINNM	450095
K679	BUTBN	415023	K8772152AA2	GE	330385 <sup>2B</sup>	KS13945	GATES	223510	KT365A	MINNM	473464 <sup>2B</sup>
K682	BUTBN	470950 <sup>2B</sup>	K9028	PUL	472015 <sup>2B</sup>	KS13946	GATES	710424	KT458B	MINNM	455018
K682	BUTBN	6241S	K9331	ROSS	471570 <sup>2B</sup>	KS13967	GATES	710424	KT458B	MINNM	476470
K687	BUTBN	472258 <sup>2B</sup>	K95	PUL	415995 <sup>2B</sup>	KS13987	GATES	223520	KWK99049	TIMKE	99049
K693	OLIVE	455079 <sup>2B</sup>	K95	PUL	455013	KS13987	GATES	710730	KWK99050	TIMKE	99050
K693	PORTR	415090	K9681	PUL	472439	KS14005	GATES	223601	KWK99055	TIMKE	99055

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
KWK99056	TIMKE	99056	KWK99167	TIMKE	99167	KWK99266	TIMKE	99266	KWK99368	TIMKE	99368
KWK99058	TIMKE	99058	KWK99168	TIMKE	99168	KWK99267	TIMKE	99267	KWK99369	TIMKE	99369
KWK99059	TIMKE	99059	KWK99169	TIMKE	99169	KWK99269	TIMKE	99269	KWK99372	TIMKE	99372
KWK99060	TIMKE	99060	KWK99170	TIMKE	99170	KWK99272	TIMKE	99272	KWK99374	TIMKE	99374
KWK99062	TIMKE	99062	KWK99171	TIMKE	99171	KWK99273	TIMKE	99273	KWK99376	TIMKE	99376
KWK99068	TIMKE	99068	KWK99172	TIMKE	99172	KWK99274	TIMKE	99274	KWK99386	TIMKE	99386
KWK99075	TIMKE	99075	KWK99174	TIMKE	99174	KWK99275	TIMKE	99275	KWK99387	TIMKE	99387
KWK99076	TIMKE	99076	KWK99175	TIMKE	99175	KWK99276	TIMKE	99276	KWK99393	TIMKE	99393
KWK99078	TIMKE	99078	KWK99176	TIMKE	99176	KWK99281	TIMKE	99281	KWK99395	TIMKE	99395
KWK99080	TIMKE	99080	KWK99177	TIMKE	99177	KWK99282	TIMKE	99282	KWK99399	TIMKE	99399
KWK99081	TIMKE	99081	KWK99179	TIMKE	99179	KWK99284	TIMKE	99284	KWK99400	TIMKE	99400
KWK99082	TIMKE	99082	KWK99180	TIMKE	99180	KWK99286	TIMKE	99286	KWK99401	TIMKE	99401
KWK99084	TIMKE	99084	KWK99181	TIMKE	99181	KWK99287	TIMKE	99287	KWK99409	TIMKE	99409
KWK99085	TIMKE	99085	KWK99184	TIMKE	99184	KWK99289	TIMKE	99289	KWK99412	TIMKE	99412
KWK99086	TIMKE	99086	KWK99185	TIMKE	99185	KWK99290	TIMKE	99290	KWK99413	TIMKE	99413
KWK99087	TIMKE	99087	KWK99186	TIMKE	99186	KWK99291	TIMKE	99291	KWK99418	TIMKE	99418
KWK99091	TIMKE	99091	KWK99187	TIMKE	99187	KWK99293	TIMKE	99293	KWK99423	TIMKE	99423
KWK99092	TIMKE	99092	KWK99188	TIMKE	99188	KWK99294	TIMKE	99294	KWK99424	TIMKE	99424
KWK99094	TIMKE	99094	KWK99189	TIMKE	99189	KWK99296	TIMKE	99296	KWK99434	TIMKE	99434
KWK99096	TIMKE	99096	KWK99190	TIMKE	99190	KWK99298	TIMKE	99298	KWK99435	TIMKE	99435
KWK99098	TIMKE	99098	KWK99192	TIMKE	99192	KWK99299	TIMKE	99299	KWK99437	TIMKE	99437
KWK99101	TIMKE	99101	KWK99193	TIMKE	99193	KWK99300	TIMKE	99300	KWK99438	TIMKE	99438
KWK99103	TIMKE	99103	KWK99196	TIMKE	99196	KWK99303	TIMKE	99303	KWK99439	TIMKE	99439
KWK99106	TIMKE	99106	KWK99198	TIMKE	99198	KWK99306	TIMKE	99306	KWK99450	TIMKE	99450
KWK99108	TIMKE	99108	KWK99199	TIMKE	99199	KWK99307	TIMKE	99307	KWK99452	TIMKE	99452
KWK99111	TIMKE	99111	KWK99200	TIMKE	99200	KWK99311	TIMKE	99311	KWK99463	TIMKE	99463
KWK99112	TIMKE	99112	KWK99204	TIMKE	99204	KWK99312	TIMKE	99312	KWK99465	TIMKE	99465
KWK99114	TIMKE	99114	KWK99205	TIMKE	99205	KWK99313	TIMKE	99313	KWK99468	TIMKE	99468
KWK99116	TIMKE	99116	KWK99210	TIMKE	99210	KWK99315	TIMKE	99315	KWK99471	TIMKE	99471
KWK99118	TIMKE	99118	KWK99212	TIMKE	99212	KWK99317	TIMKE	99317	KWK99472	TIMKE	99472
KWK99120	TIMKE	99120	KWK99215	TIMKE	99215	KWK99322	TIMKE	99322	KWK99473	TIMKE	99473
KWK99122	TIMKE	99122	KWK99218	TIMKE	99218	KWK99323	TIMKE	99323	KWK99475	TIMKE	99475
KWK99123	TIMKE	99123	KWK99220	TIMKE	99220	KWK99324	TIMKE	99324	KWK99487	TIMKE	99487
KWK99125	TIMKE	99125	KWK99225	TIMKE	99225	KWK99325	TIMKE	99325	KWK99490	TIMKE	99490
KWK99128	TIMKE	99128	KWK99226	TIMKE	99226	KWK99326	TIMKE	99326	KWK99491	TIMKE	99491
KWK99129	TIMKE	99129	KWK99227	TIMKE	99227	KWK99328	TIMKE	99328	KWK99492	TIMKE	99492
KWK99131	TIMKE	99131	KWK99230	TIMKE	99230	KWK99331	TIMKE	99331	KWK99494	TIMKE	99494
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KWK99134	TIMKE	99134	KWK99233	TIMKE	99233	KWK99333	TIMKE	99333	KWK99499	TIMKE	99499
KWK99138	TIMKE	99138	KWK99235	TIMKE	99235	KWK99334	TIMKE	99334	KWK99501	TIMKE	99501
KWK99139	TIMKE	99139	KWK99236	TIMKE	99236	KWK99337	TIMKE	99337	KWK99513	TIMKE	99513
KWK99143	TIMKE	99143	KWK99237	TIMKE	99237	KWK99339	TIMKE	99339	KWK99525	TIMKE	99525
KWK99144	TIMKE	99144	KWK99238	TIMKE	99238	KWK99340	TIMKE	99340	KWK99533	TIMKE	99533
KWK99145	TIMKE	99145	KWK99240	TIMKE	99240	KWK99346	TIMKE	99346	KWK99537	TIMKE	99537
KWK99146	TIMKE	99146	KWK99241	TIMKE	99241	KWK99347	TIMKE	99347	KWK99549	TIMKE	99549
KWK99147	TIMKE	99147	KWK99242	TIMKE	99242	KWK99349	TIMKE	99349	KWK99550	TIMKE	99550
KWK99149	TIMKE	99149	KWK99243	TIMKE	99243	KWK99350	TIMKE	99350	KWK99552	TIMKE	99552
KWK99150	TIMKE	99150	KWK99244	TIMKE	99244	KWK99351	TIMKE	99351	KWK99560	TIMKE	99560
KWK99152	TIMKE	99152	KWK99248	TIMKE	99248	KWK99352	TIMKE	99352	KWK99562	TIMKE	99562
KWK99153	TIMKE	99153	KWK99249	TIMKE	99249	KWK99353	TIMKE	99353	KWK99571	TIMKE	99571
KWK99155	TIMKE	99155	KWK99250	TIMKE	99250	KWK99354	TIMKE	99354	KWK99575	TIMKE	99575
KWK99156	TIMKE	99156	KWK99251	TIMKE	99251	KWK99356	TIMKE	99356	KWK99587	TIMKE	99587
KWK99157	TIMKE	99157	KWK99253	TIMKE	99253	KWK99359	TIMKE	99359	KWK99595	TIMKE	99595
KWK99159	TIMKE	99159	KWK99254	TIMKE	99254	KWK99360	TIMKE	99360	KWK99596	TIMKE	99596
KWK99160	TIMKE	99160	KWK99256	TIMKE	99256	KWK99362	TIMKE	99362	KWK99599	TIMKE	99599
KWK99161	TIMKE	99161	KWK99259	TIMKE	99259	KWK99363	TIMKE	99363	KWK99601	TIMKE	99601
KWK99162	TIMKE	99162	KWK99260	TIMKE	99260	KWK99364	TIMKE	99364	KWK99605	TIMKE	99605
KWK99163	TIMKE	99163	KWK99261	TIMKE	99261	KWK99365	TIMKE	99365	KWK99606	TIMKE	99606
KWK99165	TIMKE	99165	KWK99262	TIMKE	99262	KWK99366	TIMKE	99366	KWK99620	TIMKE	99620
KWK99166	TIMKE	99166	KWK99264	TIMKE	99264	KWK99367	TIMKE	99367	KWK99625	TIMKE	99625

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
KWK99630	TIMKE	99630	L0017007	IAPCO	80X105X13 <sup>28</sup>	L0038012	IAPCO	1994	L0061029	IAPCO	36X50X7 <sup>28</sup>
KWK99640	TIMKE	99640	L-0017-008	IAPCO	5108	L0038012	IAPCO	48X70X9 <sup>28</sup>	L0061030	IAPCO	225110
KWK99650	TIMKE	99650	L-0020-001	IAPCO	1188	L-0038-013	IAPCO	42X55X8 <sup>28</sup>	L-0061-031	IAPCO	1987
KWK99675	TIMKE	99675	L-0020-006	IAPCO	1188	L0040005	IAPCO	1012N	L0061032	IAPCO	223235
KWK99687	TIMKE	99687	L0020007	IAPCO	35X50X8 <sup>28</sup>	L0040005	IAPCO	45X62X8 <sup>28</sup>	L0061032	IAPCO	32X46X6 <sup>28</sup>
KWK99700	TIMKE	99700	L0020007	IAPCO	3771	L0040019	IAPCO	224045	L-0062-003	IAPCO	350823
KWK99721	TIMKE	99721	L-0020-008	IAPCO	3771	L0040023	IAPCO	224045	L-0062-003	IAPCO	473454
KWK99725	TIMKE	99725	L-0020-010	IAPCO	1979	L0040024	IAPCO	1992	L-0062-013	IAPCO	35X47X7
KWK99745	TIMKE	99745	L0020011	IAPCO	224045	L0040024	IAPCO	45X65X8 <sup>28</sup>	L-0062-014	IAPCO	3393
KWK99750	TIMKE	99750	L0020012	IAPCO	41X56X7 <sup>28</sup>	L0046001	IAPCO	1174	L-0062-021	IAPCO	473234 <sup>28</sup>
KWK99787	TIMKE	99787	L0020013	IAPCO	1994	L0046002	IAPCO	1174	L-0062-022	IAPCO	450301
KWK99800	TIMKE	99800	L0020013	IAPCO	48X70X9 <sup>28</sup>	L0046004	IAPCO	224520	L-0062-022	IAPCO	472397 <sup>28</sup>
KX25261	JOHND	417487	L0020014	IAPCO	1994	L0046004	IAPCO	45X60X10 <sup>28</sup>	L-0062-023	IAPCO	471870 <sup>28</sup>
KX25261	JOHND	455014	L0020014	IAPCO	48X70X9 <sup>28</sup>	L0046009	IAPCO	1174	L-0062-023	IAPCO	471883
KY01-11-312	MAZDA	228250	L-0020-015	IAPCO	228010	L0046010	IAPCO	225020	L-0062-025	IAPCO	470120
KY01-12-602	MAZDA	223012	L-0020-017	IAPCO	1188	L0046010	IAPCO	50X68X8 <sup>28</sup>	L-0062-025	IAPCO	471224 <sup>28</sup>
KY01-17-131	MAZDA	221620	L0020021	IAPCO	224045	L0046011	IAPCO	228480	L-0062-026	IAPCO	472439
L0001002	IAPCO	227040	L-0020-022	IAPCO	1981	L-0048-001	IAPCO	55X72X8 <sup>28</sup>	L-0062-028	IAPCO	480630 <sup>28</sup>
L0001002 <sup>28</sup>	IAPCO	70X90X10	L0020023	IAPCO	1174	L0048007	IAPCO	224045	L-0062-028	IAPCO	480991
L0004001	IAPCO	224100	L-0020-029	IAPCO	32X58X8 <sup>28</sup>	L0048008	IAPCO	42X62X8 <sup>28</sup>	L-0062-030	IAPCO	223535
L0004001 <sup>28</sup>	IAPCO	40X65X10	L0020036	IAPCO	224270	L-0054-003	IAPCO	1960	L0062031	IAPCO	224255
L-0004-005	IAPCO	228480	L0020036 <sup>28</sup>	IAPCO	42X72X10	L-0058-003	IAPCO	1984	L0062031 <sup>28</sup>	IAPCO	42X65X10
L-0006-005	IAPCO	716484	L0020039	IAPCO	223542	L0058007	IAPCO	225230	L0065005	IAPCO	224045
L0010001	IAPCO	224015	L0020039 <sup>28</sup>	IAPCO	35X55X11	L0058007	IAPCO	52X72X8 <sup>28</sup>	L-0065-006	IAPCO	1217
L0010001	IAPCO	40X52X7 <sup>28</sup>	L0020040	IAPCO	1973	L0058008	IAPCO	54X72X10 <sup>28</sup>	L-0065-008	IAPCO	473455 <sup>28</sup>
L0010002	IAPCO	1174	L-0020-041	IAPCO	1974	L0058009	IAPCO	1012N	L-0065-009	IAPCO	1209
L0010003	IAPCO	1012N	L-0020-043	IAPCO	712011	L0058010	IAPCO	225005	L0065011	IAPCO	1208
L0010003	IAPCO	45X62X8 <sup>28</sup>	L-0020-044	IAPCO	4990	L0058010	IAPCO	50X62X7 <sup>28</sup>	L0065011	IAPCO	48X72X7 <sup>28</sup>
L-0010-005	IAPCO	224520	L-0020-045	IAPCO	2002	L-0058-015	IAPCO	224015	L0066001	IAPCO	224045
L0010007	IAPCO	1012N	L-0020-048	IAPCO	225225	L-0061-001	IAPCO	224015	L-0066-007	IAPCO	473238 <sup>28</sup>
L0010007	IAPCO	45X62X8 <sup>28</sup>	L-0020-050	IAPCO	222540	L0061002	IAPCO	1180	L0066014	IAPCO	224015
L-0010-008	IAPCO	229005	L-0020-051	IAPCO	224025	L0061002	IAPCO	41X55X7 <sup>28</sup>	L0066014	IAPCO	40X52X7 <sup>28</sup>
L0010012	IAPCO	226020	L-0022-003	IAPCO	223014	L-0061-004	IAPCO	227045	L-0066-016	IAPCO	473238 <sup>28</sup>
L0010012	IAPCO	60X80X8 <sup>28</sup>	L-0022-006	IAPCO	223035	L-0061-005	IAPCO	1950	L-0070-001	IAPCO	471192
L0010013	IAPCO	224820	L-0022-013	IAPCO	473230 <sup>28</sup>	L0061006	IAPCO	1955	L-0070-002	IAPCO	472164 <sup>28</sup>
L0010013	IAPCO	48X62X8 <sup>28</sup>	L0026010	IAPCO	1953	L0061006	IAPCO	52X65X9 <sup>28</sup>	L0070007	IAPCO	224820
L-0011-003	IAPCO	3677	L0026010	IAPCO	42X60X7 <sup>28</sup>	L0061007	IAPCO	223840	L0070007	IAPCO	48X62X8 <sup>28</sup>
L-0016-001	IAPCO	1196	L-0026-011	IAPCO	473367	L0061007	IAPCO	38X58X8 <sup>28</sup>	L-0070-008	IAPCO	473241
L-0016-002	IAPCO	494122	L-0026-012	IAPCO	3771	L0061008	IAPCO	223840	L-0070-013	IAPCO	473228
L0016003	IAPCO	1955	L-0026-014	IAPCO	1990	L0061008	IAPCO	38X58X8 <sup>28</sup>	L-0070-013	IAPCO	481837
L0016003	IAPCO	52X65X9 <sup>28</sup>	L-0026-016	IAPCO	494117	L0061009	IAPCO	227550	L-0070-021	IAPCO	473234 <sup>28</sup>
L-0016-004	IAPCO	473237 <sup>28</sup>	L-0026-022	IAPCO	1943	L0061009	IAPCO	75X100X12 <sup>28</sup>	L0070029	IAPCO	1174
L-0016-006	IAPCO	473237 <sup>28</sup>	L-0034-002	IAPCO	473812	L0061012	IAPCO	224820	L0071001	IAPCO	224015
L-0016-010	IAPCO	471847N	L0038001	IAPCO	1213N	L0061012	IAPCO	48X62X8 <sup>28</sup>	L0071001	IAPCO	40X52X7 <sup>28</sup>
L-0016-011	IAPCO	471847N	L0038003	IAPCO	1994	L-0061-013	IAPCO	228010	L-0071-003	IAPCO	228010
L0016012	IAPCO	224255	L0038003	IAPCO	48X70X9 <sup>28</sup>	L0061015	IAPCO	225230	L0071004	IAPCO	224520
L0016012 <sup>28</sup>	IAPCO	42X65X10	L0038004	IAPCO	228020	L0061015	IAPCO	52X72X8 <sup>28</sup>	L0071004 <sup>28</sup>	IAPCO	45X60X10
L0016014	IAPCO	225010	L0038004	IAPCO	80X105X13 <sup>28</sup>	L0061016	IAPCO	224820	L-0071-005	IAPCO	75X95X10
L0016014	IAPCO	50X65X8 <sup>28</sup>	L0038006	IAPCO	227020	L0061016	IAPCO	48X62X8 <sup>28</sup>	L-0071-006	IAPCO	3771
L0016015	IAPCO	225110	L0038006	IAPCO	70X88X8 <sup>28</sup>	L-0061-018	IAPCO	1960	L-0080-003	IAPCO	3476
L-0016-016	IAPCO	229522	L0038007	IAPCO	1953	L-0061-019	IAPCO	1956	L-0080-004	IAPCO	716102
L-0017-001	IAPCO	1992	L0038007	IAPCO	42X60X7 <sup>28</sup>	L-0061-021	IAPCO	1959	L0080005	IAPCO	1012N
L-0017-003	IAPCO	473823	L0038009	IAPCO	224820	L-0061-022	IAPCO	1959	L-0080-007	IAPCO	1962
L0017004	IAPCO	1994	L0038009	IAPCO	48X62X8 <sup>28</sup>	L-0061-025	IAPCO	1177	L-0080-011	IAPCO	1108
L0017004	IAPCO	48X70X9 <sup>28</sup>	L0038010	IAPCO	205015	L0061027	IAPCO	226285	L-0090-002	IAPCO	473179 <sup>28</sup>
L-0017-005	IAPCO	1992	L-0038-011	IAPCO	473823	L0061027	IAPCO	62X85X8 <sup>28</sup>	L0090003	IAPCO	228480
L0017007	IAPCO	228020				L0061029	IAPCO	223605	L0090004	IAPCO	225020
									L0090004	IAPCO	50X68X8 <sup>28</sup>

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
L1	LETN	415072	L150	LETN	472144 <sup>28</sup>	L18	LETN	416011	L25	LETN	470074
L10	LETN	55028	L151	LETN	415021	L18	LETN	417621 <sup>28</sup>	L25	LETN	474265
L10190	MWKEL	450066	L153	LETN	412119 <sup>28</sup>	L180	LETN	450194	L26	LETN	416107 <sup>28</sup>
L10190	MWKEL	473367 <sup>28</sup>	L153	LETN	450101	L180	LETN	473010 <sup>28</sup>	L26	LETN	455073
L10191	MWKEL	473313	L154	LETN	417556	L181	LETN	450076	L27	LETN	416476 <sup>28</sup>
L1025	TLSMI	450133	L1544C	JOHND	472439	L181	LETN	470334 <sup>28</sup>	L27	LETN	455075
L103	LETN	55028	L155	LETN	473461 <sup>28</sup>	L182	LETN	417486	L2776	LETN	416891 <sup>28</sup>
L1032	TLSMI	473460	L156	LETN	411253 <sup>28</sup>	L1823	JOHND	450389	L28	LETN	416229
L1091	TLSMI	55030	L156	LETN	450099	L1823	JOHND	472492 <sup>28</sup>	L287	LETN	415196 <sup>28</sup>
L10963	PETTI	415013	L157	LETN	470027	L1823C	JOHND	470543	L2872	LETN	415196 <sup>28</sup>
L10963	PETTI	415995 <sup>28</sup>	L157	LETN	471554 <sup>28</sup>	L1823C	JOHND	474272	L2873	LETN	415196 <sup>28</sup>
L1110	OLIVE	416271 <sup>28</sup>	L158	LETN	471466 <sup>28</sup>	L183	LETN	417498	L29	LETN	416239 <sup>28</sup>
L1139	TLSMI	450365	L1586C	JOHND	240414	L19	LETN	450183	L3	LETN	470163
L1139	TLSMI	470898	L159	LETN	415058	L19	LETN	472179	L3	LETN	471766 <sup>28</sup>
L11783	PETTI	417554 <sup>28</sup>	L16	LETN	415138 <sup>28</sup>	L193	LETN	415007	L30	LETN	470074
L118973	CASE	411376 <sup>28</sup>	L160	LETN	450094	L1949N	JOHND	450083	L30	LETN	474265
L118978	CASE	416288 <sup>28</sup>	L160	LETN	473462	L1949N	JOHND	472924 <sup>28</sup>	L30014	CASE	410867N
L1193N	JOHND	471785 <sup>28</sup>	L161	LETN	450083	L196	LETN	471651	L3002157	BORGW	415303 <sup>28</sup>
L1252	LEROI	416288 <sup>28</sup>	L161	LETN	472924 <sup>28</sup>	L197	LETN	416153 <sup>28</sup>	L3009C703	BORGW	8160S
L126168	CASE	416288 <sup>28</sup>	L1624	LETN	415001 <sup>28</sup>	L198	LETN	417205 <sup>28</sup>	L304	LETN	416666
L126169	CASE	411376 <sup>28</sup>	L1624	LETN	455001	L2	LETN	415124	L30489	CASE	6988H
L126169	CASE	455093	L16243	LETN	415001 <sup>28</sup>	L20	LETN	450070	L30659	CASE	8907
L12830	GERL	450083	L16243	LETN	455001	L20	LETN	472185 <sup>28</sup>	L31	LETN	470120
L12830	GERL	472924 <sup>28</sup>	L1625	LETN	450095	L2015N	JOHND	471652	L31	LETN	471224 <sup>28</sup>
L1295	TLSMI	472560N <sup>28</sup>	L1625	LETN	473464 <sup>28</sup>	L2029CU	JOHND	4148	L31032	CASE	471554V
L1295	TLSMI	50151S	L1639	LETN	416921 <sup>28</sup>	L2029CU	JOHND	471424 <sup>28</sup>	L31035	CASE	476424N
L13	LETN	415021	L1639	LETN	455011	L2031	CONTI	470027	L314833	BORGW	410059
L13199	GERL	455022	L164	LETN	415058	L2031	CONTI	471554 <sup>28</sup>	L314833	BORGW	470380 <sup>28</sup>
L1326	LETN	415371	L1648	LETN	412119 <sup>28</sup>	L21096	PETTI	473243	L3197	LETN	415088 <sup>28</sup>
L133	LETN	415449 <sup>28</sup>	L1648	LETN	450101	L2171	PETTI	415645 <sup>28</sup>	L3197	LETN	455088
L133	LETN	455147	L16483	LETN	412119 <sup>28</sup>	L2171	PETTI	455104	L32	LETN	455584
L1330	JOHND	450183	L16483	LETN	450101	L21711	PETTI	450183	L3213122	BORGW	471820
L1330	JOHND	472179	L165	LETN	470169	L21711	PETTI	472179	L3213507	BORGW	410059
L1330C	JOHND	450183	L165	LETN	473214	L21712	PETTI	450365	L3213507	BORGW	470380 <sup>28</sup>
L1330C	JOHND	472179	L1650	LETN	416229	L21712	PETTI	470898 <sup>28</sup>	L3238	FWD	481864
L135	LETN	5865	L1661A	LETN	455310	L21715	PETTI	450301	L3257	HU-WR	470120
L1354	LETN	5865	L167	LETN	450115	L21715	PETTI	472397 <sup>28</sup>	L3257	HU-WR	471224 <sup>28</sup>
L1355	LETN	40389S	L167	LETN	473467	L21717	PETTI	470548	L33034	CASE	416070
L136	LETN	416047	L1692	JOHND	473421	L21717	PETTI	470625 <sup>28</sup>	L33070	CASE	415003
L136	LETN	416332 <sup>28</sup>	L-1700	LEYLA	357PKG	L21720	PETTI	450352	L33070	CASE	415458 <sup>28</sup>
L137	LETN	450316	L170011	PETTI	473243	L21720	PETTI	472164 <sup>28</sup>	L3312	LETN	417498
L137	LETN	472636 <sup>28</sup>	L170012	PETTI	470189	L21726	PETTI	450083	L33259	CASE	416125 <sup>28</sup>
L1391N	JOHND	240733	L170012	PETTI	471692 <sup>28</sup>	L21726	PETTI	472924 <sup>28</sup>	L33282	CASE	473473
L14	LETN	415023	L170015	PETTI	450143	L2178	PETTI	450316	L34	LETN	417546 <sup>28</sup>
L140	LETN	417343 <sup>28</sup>	L170016	PETTI	473460	L2178	PETTI	472636 <sup>28</sup>	L34033	CASE	471341N
L141	LETN	455151	L170019	PETTI	473245 <sup>28</sup>	L22	LETN	415938	L3411N	JOHND	471407
L1418	JOHND	471763	L17002	PETTI	472394	L2202N	JOHND	455195	L3418	LETN	415034 <sup>28</sup>
L1419	JOHND	472826 <sup>28</sup>	L170025	PETTI	412027	L2202N	JOHND	472157 <sup>28</sup>	L3418	LETN	455034
L142	LETN	415066	L17004	PETTI	412119 <sup>28</sup>	L2234C	JOHND	471267 <sup>28</sup>	L35	LETN	416865 <sup>28</sup>
L1420	JOHND	450161	L17004	PETTI	450101	L228187	BORGW	415458 <sup>28</sup>	L35250	CASE	413248
L1420	JOHND	471764 <sup>28</sup>	L17005	PETTI	410520	L228187	BORGW	455003	L3527334	BORGW	240119
L1421	JOHND	450065	L17005	PETTI	471272 <sup>28</sup>	L228285	BORGW	412119 <sup>28</sup>	L3541X	MASSE	450070
L144	LETN	417604	L17007	PETTI	416888 <sup>28</sup>	L228285	BORGW	450101	L3541X	MASSE	472185 <sup>28</sup>
L1443	OLIVE	410312N	L17007	PETTI	455200	L228285A	BORGW	412119 <sup>28</sup>	L3572B-177	BORGW	343185
L147	AVCO	456105	L17008	PETTI	415294 <sup>28</sup>	L228285A	BORGW	450101	L36	LETN	470219
L147	LETN	415302	L17008	PETTI	455294	L228286	BORGW	40101S	L36	LETN	471649 <sup>28</sup>
L148	LETN	450030	L173	LETN	481650	L228287	BORGW	472826 <sup>28</sup>	L370501	LETN	416229
L148	LETN	474253	L175	LETN	471231 <sup>28</sup>	L23645	PETTI	6270	L3725	LETN	450095
L149	AVCO	456105	L177	LETN	471785 <sup>28</sup>	L24	LETN	416738 <sup>28</sup>	L3725	LETN	473464 <sup>28</sup>
L15	LETN	416892 <sup>28</sup>	L1787Q	FR-HT	240731	L24	LETN	450096	L37255	LETN	450095

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
L37255	LETN	473464 <sup>28</sup>	L49-7622	LAZOR	223340	L50	LETN	416476 <sup>28</sup>	L81-6027	LAZOR	223014
L3750	LETN	416229	L49-7630	LAZOR	223602	L50	LETN	455075	L81-6035	LAZOR	2506
L37502	LETN	416229	L49-7640	LAZOR	223340	L507-10-602	MAZDA	223750	L81-6043	LAZOR	471847N
L38	LETN	415227 <sup>28</sup>	L49-7649	LAZOR	1038	L51	LETN	471442 <sup>28</sup>	L816051	LAZOR	224570
L39	LETN	472287 <sup>28</sup>	L49-7657	LAZOR	1021V	L5188	GERL	450070	L81-6060	LAZOR	225110
L3953N	JOHND	471795	L49-7665	LAZOR	1019	L5188	GERL	472185 <sup>28</sup>	L816108	LAZOR	1953
L3958	LETN	417020	L49-7673	LAZOR	224025	L5259	LETN	416888 <sup>28</sup>	L816108	LAZOR	42X60X7 <sup>28</sup>
L3G6-10-602	MAZDA	223750	L49-7681	LAZOR	710060	L5259	LETN	455200	L81-6116	LAZOR	2007N
L4	LETN	415027 <sup>28</sup>	L49-7690	LAZOR	223235	L5260	LETN	416239 <sup>28</sup>	L81-6124	LAZOR	350609
L4	LETN	455027	L49-7703	LAZOR	1987	L5261	LETN	416107 <sup>28</sup>	L81-6132	LAZOR	350609
L4003	LETN	415995 <sup>28</sup>	L49-7738	LAZOR	713771	L5261	LETN	455073	L81-6140	LAZOR	221207
L4003	LETN	455013	L49-7762	LAZOR	710060	L5262	LETN	470059	L81-6167	LAZOR	473367
L43	LETN	450185	L49-7770	LAZOR	227235	L5262	LETN	470380 <sup>28</sup>	L81-6175	LAZOR	494117
L43	LETN	473229	L49-7789	LAZOR	228005	L5263	LETN	415090	L81-6183	LAZOR	473812
L44	LETN	470565 <sup>28</sup>	L49-7878	LAZOR	228005	L5264	LETN	417247 <sup>28</sup>	L81-6191	LAZOR	1994
L46024	LETN	415035 <sup>28</sup>	L49-7975	LAZOR	221820	L5492	LETN	415379 <sup>28</sup>	L81-6205	LAZOR	1987
L46024	LETN	455035	L49-8009	LAZOR	223220	L5492	LETN	455379	L81-6213	LAZOR	1990
L46025	LETN	455018	L49-8017	LAZOR	1217	L5621	LETN	416107 <sup>28</sup>	L816221	LAZOR	474133
L46025	LETN	476470	L49-8025	LAZOR	228700	L5621	LETN	455073	L81-6248	LAZOR	1994
L46048	LETN	415036	L49-8041	LAZOR	222020	L5638	GERL	450115	L81-6256	LAZOR	223542
L46050	LETN	415090	L49-8050	LAZOR	223801 <sup>28</sup>	L5638	GERL	473467	L81-6256	LAZOR	473823
L475	LETN	417273	L49-8069	LAZOR	1953	L5754	LETN	415041	L81-6264	LAZOR	222430
L48	LETN	417538	L49-8165	LAZOR	710331	L58	LETN	415645 <sup>28</sup>	L81-6280	LAZOR	1990
L49061	LETN	415047	L49-8173	LAZOR	710332	L58	LETN	455104	L81-6299	LAZOR	712011
L49-6027	LAZOR	1981	L49-8181	LAZOR	710331	L6	LETN	415187	L81-6302	LAZOR	2025
L49-7029	LAZOR	225020	L49-8221	LAZOR	710310	L61	LETN	456105	L816310	LAZOR	2443
L49-7037	LAZOR	1994	L49-8564	LAZOR	229005	L620	OLIVE	450154	L81-6345	LAZOR	224820
L49-7061	LAZOR	1953	L49-8572	LAZOR	223800	L620	OLIVE	473234	L81-6353	LAZOR	1984
L49-7072	LAZOR	1992	L49-8599	LAZOR	1981	L620	WHITE	473234 <sup>28</sup>	L81-6361	LAZOR	222745
L49-7088	LAZOR	223830	L49-8602	LAZOR	228015	L620B	OLIVE	470189	L816370	LAZOR	222745
L49-7118	LAZOR	1994	L49-8653	LAZOR	710310	L620B	OLIVE	471692 <sup>28</sup>	L816370	LAZOR	27X45X8 <sup>28</sup>
L49-7126	LAZOR	710318	L49-8696	LAZOR	223420	L63	LETN	412861	L81-6388	LAZOR	223830
L49-7150	LAZOR	228005	L49-8700	LAZOR	223605	L64	LETN	471763	L816396	LAZOR	225005
L49-7169	LAZOR	224465	L49-8750	LAZOR	223012	L69102	LETN	455018	L816396	LAZOR	50X62X7 <sup>28</sup>
L49-7177	LAZOR	228005	L49-8777	LAZOR	223420	L69102	LETN	476470	L816400	LAZOR	1012N
L49-7185	LAZOR	224460	L49-8823	LAZOR	223750	L69105	LETN	416345 <sup>28</sup>	L816418	LAZOR	223255
L497231	LAZOR	228020	L49-8831	LAZOR	229005	L69105	LETN	455033	L816418	LAZOR	32X52X7 <sup>28</sup>
L49-7266	LAZOR	227020	L49-8904	LAZOR	228480	L693	OLIVE	412943	L81-6426	LAZOR	222050
L49-7274	LAZOR	228020	L49-8912	LAZOR	710318	L7	LETN	450301	L81-6434	LAZOR	710076
L49-7282	LAZOR	1021V	L49-8955	LAZOR	710187	L7	LETN	472397 <sup>28</sup>	L816442	LAZOR	223830
L49-7304	LAZOR	228010	L49-8963	LAZOR	1981	L70	LETN	415988	L816450	LAZOR	223840
L49-7320	LAZOR	712006	L49-8971	LAZOR	710332	L71	LETN	415072	L816450	LAZOR	38X58X8 <sup>28</sup>
L49-7380	LAZOR	227045	L49-8998	LAZOR	713771	L73	LETN	471570 <sup>28</sup>	L81-6469	LAZOR	3771
L49-7388	LAZOR	227045	L49-9005	LAZOR	228008	L75	LETN	450067	L81-6477	LAZOR	222540
L497398	LAZOR	227550	L49-9013	LAZOR	228009	L75	LETN	473228	L81-6493	LAZOR	1981
L497398	LAZOR	75X100X12 <sup>28</sup>	L49-9102	LAZOR	227235	L76	LETN	450067	L81-6515	LAZOR	3771
L497401	LAZOR	228010	L49-9102	LAZOR	228005	L76	LETN	473228	L81-6531	LAZOR	712011
L49-7410	LAZOR	228010	L49-9129	LAZOR	3771	L77	LETN	417487	L81-6558	LAZOR	32X58X8 <sup>28</sup>
L49-7428	LAZOR	231004	L49-9137	LAZOR	223018	L77	LETN	455014	L81-6566	LAZOR	1979
L49-7436	LAZOR	3771	L49-9145	LAZOR	223750	L7735502	GMC	340872	L816582	LAZOR	223542
L49-7444	LAZOR	222820	L49-9145	LAZOR	224460	L78	LETN	471567 <sup>28</sup>	L816582	LAZOR	35X55X11 <sup>28</sup>
L49-7444	LAZOR	710325	L49-9153	LAZOR	223750	L8	LETN	415991	L81-6590	LAZOR	1173
L49-7452	LAZOR	222743	L49-9153	LAZOR	224460	L8	LETN	455146 <sup>28</sup>	L81-6604	LAZOR	223830
L49-7479	LAZOR	223831	L49-9293	LAZOR	712008	L80	LETN	417602 <sup>28</sup>	L81-6612	LAZOR	223542
L49-7533	LAZOR	8316	L49-9307	LAZOR	223420	L812	JOHND	415001 <sup>28</sup>	L81-6620	LAZOR	1167
L49-7568	LAZOR	223020	L49-9315	LAZOR	710271	L812	JOHND	455001	L816639	LAZOR	224045
L49-7576	LAZOR	231003	L49-9390	LAZOR	223802	L812C	JOHND	415001 <sup>28</sup>	L81-6647	LAZOR	1974
L49-7592	LAZOR	228009	L49-9447	LAZOR	228015	L812C	JOHND	455001	L816655	LAZOR	224270
L49-7606	LAZOR	224025	L5	LETN	411376 <sup>28</sup>	L81-6000	LAZOR	223240	L816655	LAZOR	42X72X10 <sup>28</sup>
			L5	LETN	455093	L81-6019	LAZOR	223014			

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
L816663	LAZOR	224045	L817406	LAZOR	223605	L81-8291	LAZOR	4175	L81-9751	LAZOR	5131
L816671	LAZOR	41X56X7 <sup>28</sup>	L817406	LAZOR	36X50X7 <sup>28</sup>	L81-8305	LAZOR	1948	L81-9760	LAZOR	224510
L81-6698	LAZOR	222025 <sup>28</sup>	L81-7414	LAZOR	224210	L81-8313	LAZOR	225650	L81-9803	LAZOR	225535
L816701	LAZOR	222535	L81-7430	LAZOR	224255	L81-8348	LAZOR	229522	L81-9816	LAZOR	710292
L816701	LAZOR	25X38X7 <sup>28</sup>	L81-7449	LAZOR	224255	L81-8356	LAZOR	710309	L81-9829	LAZOR	1955
L81-6736	LAZOR	1981	L81-7465	LAZOR	712551	L81-8364	LAZOR	225875	L81-9883	LAZOR	4990
L81-6744	LAZOR	1167	L81-7481	LAZOR	2007N	L81-8372	LAZOR	225225	L81-9905	LAZOR	225450
L81-6752	LAZOR	223240	L81-7490	LAZOR	2007N	L81-8380	LAZOR	224820	L81-9913	LAZOR	4989
L816760	LAZOR	223542	L81-7503	LAZOR	4989	L81-8399	LAZOR	710194	L82	LETN	415991
L816760	LAZOR	35X55X11 <sup>28</sup>	L81-7511	LAZOR	710479	L81-8437	LAZOR	710098	L82	LETN	455146 <sup>28</sup>
L81-6779	LAZOR	1177	L817520	LAZOR	225110	L81-8453	LAZOR	1180	L83	LETN	415991
L81-6787	LAZOR	1177	L81-7538	LAZOR	225650	L81-8488	LAZOR	5131	L83	LETN	455146 <sup>28</sup>
L81-6795	LAZOR	1177	L81-7546	LAZOR	225225	L81-8640	LAZOR	1217	L8477	FWD	416163
L816809	LAZOR	223840	L81-7554	LAZOR	1960	L81-8747	LAZOR	473234	L851	LETN	416288 <sup>28</sup>
L816809	LAZOR	38X58X8 <sup>28</sup>	L817562	LAZOR	1174	L81-8769	LAZOR	228250	L852	LETN	416288 <sup>28</sup>
L81-6817	LAZOR	1176	L81-7570	LAZOR	1949	L81-8852	LAZOR	710146	L9	LETN	417316 <sup>28</sup>
L81-6825	LAZOR	1177	L81-7619	LAZOR	223608	L81-8860	LAZOR	225650	L9	LETN	455004
L816833	LAZOR	1180	L81-7627	LAZOR	320583	L81-8887	LAZOR	710072	L90	LETN	416339
L816833	LAZOR	41X55X7 <sup>28</sup>	L817635	LAZOR	1213N	L81-8909	LAZOR	1960	L90	LETN	455031 <sup>28</sup>
L81-6850	LAZOR	1959	L81-7643	LAZOR	2025	L81-8917	LAZOR	710306	L903	LETN	416339
L81-6868	LAZOR	414045 <sup>28</sup>	L81-7653	LAZOR	1176	L81-8925	LAZOR	223240	L903	LETN	455031 <sup>28</sup>
L81-6884	LAZOR	1960	L81-7660	LAZOR	1990	L81-8933	LAZOR	226285	L9116	GERL	450301
L816906	LAZOR	1955	L81-7694	LAZOR	3771	L81-8941	LAZOR	710110	L9116	GERL	472397 <sup>28</sup>
L816906	LAZOR	52X65X9 <sup>28</sup>	L81-7708	LAZOR	2025	L81-8950	LAZOR	224210	L9117	GERL	470059
L81-6922	LAZOR	1956	L81-7732	LAZOR	1992	L81-8976	LAZOR	1955	L9117	GERL	470380 <sup>28</sup>
L81-6930	LAZOR	1196	L81-7732	LAZOR	224820	L81-8984	LAZOR	710092	L93	LETN	471689 <sup>28</sup>
L81-6949	LAZOR	494122	L81-7759	LAZOR	224820	L81-9000	LAZOR	710337	L934	JOHND	450083
L81-6957	LAZOR	229522	L81-7767	LAZOR	224100	L81-9305	LAZOR	4990	L934	JOHND	472924 <sup>28</sup>
L816965	LAZOR	225010	L81-7775	LAZOR	5695	L81-9310	LAZOR	224810	L9578	GERL	473245 <sup>28</sup>
L816965	LAZOR	50X65X8 <sup>28</sup>	L81-7783	LAZOR	5696	L81-9336	LAZOR	224235	L9780	LETN	473426
L816973	LAZOR	1973	L81-7830	LAZOR	223543 <sup>28</sup>	L81-9344	LAZOR	1932	L9791	LETN	471442 <sup>28</sup>
L81-7015	LAZOR	473367	L81-7848	LAZOR	223608	L81-9387	LAZOR	225082	LA09010088	LOKWD	473237 <sup>28</sup>
L81-7040	LAZOR	1943	L81-7902	LAZOR	223840	L81-9395	LAZOR	225230	LA1019	MASSE	450332
L81-7066	LAZOR	1949	L81-7910	LAZOR	224570	L81-9409	LAZOR	710309	LA1020	MASSE	470059
L817074	LAZOR	1213N	L81-7929	LAZOR	471845N	L81-9417	LAZOR	710093	LA1020	MASSE	470380 <sup>28</sup>
L81-7082	LAZOR	1992	L81-7945	LAZOR	225230	L81-9441	LAZOR	710107	LA1139	MASSE	470358
L81-7090	LAZOR	225230	L81-7961	LAZOR	1960	L81-9450	LAZOR	710128	LA1139	MASSE	473231
L81-7112	LAZOR	3771	L81-7970	LAZOR	1956	L81-9468	LAZOR	710108	LA12-33-065	MAZDA	710225
L81-7139	LAZOR	4990	L81-7996	LAZOR	229005	L81-9476	LAZOR	710072	LA1316	MASSE	472658
L817155	LAZOR	1973	L81-8003	LAZOR	710316	L81-9506	LAZOR	710176	LA1316	MASSE	473197
L81-7171	LAZOR	1188	L81-8011	LAZOR	223800	L81-9514	LAZOR	710069	LA33560B	FORD	471413 <sup>28</sup>
L817180	LAZOR	1174	L81-8062	LAZOR	223580	L81-9557	LAZOR	1174	LA33562B	FORD	351267
L81-7198	LAZOR	1183	L81-8070	LAZOR	1981	L81-9557	LAZOR	710309	LA33562B	FORD	471267 <sup>28</sup>
L81-7244	LAZOR	1948	L81-8097	LAZOR	222742	L81-9565	LAZOR	710168	LA33565A	FORD	471466 <sup>28</sup>
L817252	LAZOR	224820	L81-8127	LAZOR	222540	L81-9581	LAZOR	320603	LA33623A	FORD	6835S
L817252	LAZOR	48X62X8 <sup>28</sup>	L81-8143	LAZOR	1990	L81-9590	LAZOR	224820	LA4961	PETTI	472012
L817260	LAZOR	1948	L81-8151	LAZOR	1987	L81-9603	LAZOR	225673	LA49610	PETTI	417022
L817260	LAZOR	50X68X8 <sup>28</sup>	L81-8160	LAZOR	223831	L81-9611	LAZOR	4899	LA49611	PETTI	417602 <sup>28</sup>
L81-7279	LAZOR	224015	L81-8178	LAZOR	4901	L81-9620	LAZOR	5700	LA49612	PETTI	417546 <sup>28</sup>
L81-7295	LAZOR	225220	L818186	LAZOR	225875	L81-9638	LAZOR	1935	LA49619	PETTI	455406 <sup>28</sup>
L81-7309	LAZOR	710323	L81-8194	LAZOR	1126	L81-9646	LAZOR	1928	LA4963	PETTI	473016 <sup>28</sup>
L81-7317	LAZOR	444116	L81-8208	LAZOR	1180	L81-9654	LAZOR	225230	LA4964	PETTI	472439
L81-7325	LAZOR	1986	L81-8216	LAZOR	42X55X8 <sup>28</sup>	L81-9662	LAZOR	4899	LA4966	PETTI	471442 <sup>28</sup>
L817333	LAZOR	226285	L81-8232	LAZOR	710097	L81-9689	LAZOR	1036	LA4967	PETTI	450117
L817333	LAZOR	62X85X8 <sup>28</sup>	L818240	LAZOR	1213N	L81-9697	LAZOR	222830	LA4967	PETTI	472572 <sup>28</sup>
L817350	LAZOR	1213N	L81-8259	LAZOR	710146	L81-9708	LAZOR	224210	LA4969	PETTI	417487
L81-7368	LAZOR	224015	L81-8267	LAZOR	5686	L81-9719	LAZOR	224045	LA4969	PETTI	455014
L817376	LAZOR	41X56X7 <sup>28</sup>	L81-8275	LAZOR	710398	L81-9727	LAZOR	710147	LA7246	PETTI	40071S
L81-7392	LAZOR	226285	L81-8283	LAZOR	710072	L81-9727	LAZOR	710161	LC11962	MWKEL	41787S
			L81-8291	LAZOR	239201	L81-9743	LAZOR	494123	LC2P150	GE	470120

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
LC2P150	GE	471224 <sup>2B</sup>	LUF100540	ROVER	229005	M1183	TW-DI	45013S	M201290	TW-DI	473229
LD10780	MWKEL	474278	LUF100540L	ROVER	229005	M1189	TW-DI	416891 <sup>2B</sup>	M201293	TW-DI	471795
LD10780	MWKEL	480356	LW6M207	CONTI	350954	M1194	TW-DI	471760	M201312	TW-DI	450593 <sup>2B</sup>
LD11360	MARMO	415035	LW6M207	CONTI	470954 <sup>2B</sup>	M1206	TW-DI	412943	M201433	MINNM	40316S
LD11361	MARMO	471750 <sup>2B</sup>	LZB1002702	ROVER	224052	M121	TW-DI	415025	M201433	TW-DI	40316S
LD1360	MARMO	417210 <sup>2B</sup>	M00083042	FWD	470358	M122	TW-DI	415458 <sup>2B</sup>	M201448	TW-DI	417344 <sup>2B</sup>
LD21165	MARMO	450117	M00083042	FWD	473231 <sup>2B</sup>	M122	TW-DI	455003	M201448	TW-DI	455006
LD21165	MARMO	472572 <sup>2B</sup>	M044032195	LEECE	473016 <sup>2B</sup>	M1226	TW-DI	471763	M201486	TW-DI	417191
LD21361	MARMO	471192	M04648608	MITSU	320249	M123	TW-DI	450094	M201486	TW-DI	455165 <sup>2B</sup>
LD61133	MARMO	471141 <sup>2B</sup>	M04667198	MITSU	320348	M123	TW-DI	473462	M201518	KEN	415035
LD71368	MARMO	323138 <sup>2B</sup>	M04667322	MITSU	710056	M124	TW-DI	413469 <sup>2B</sup>	M201518	PACIF	415035
LF01-10-602	MAZDA	223750	M04667904	MITSU	710056	M126C	TW-DI	415035 <sup>2B</sup>	M201518	TW-DI	415035
LF01-11-310	MAZDA	710600	M04777086	MITSU	320249	M126C	TW-DI	455035	M201534	TW-DI	471870 <sup>2B</sup>
LF01-11-310A	MAZDA	710600	M054031763	LEECE	450340	M136	MANT	415035	M201534	TW-DI	471883
LF1190A	FORD	203006 <sup>2B</sup>	M054031769	LEECE	473414	M136	MANT	415953	M201535	TW-DI	415984 <sup>2B</sup>
LF1190A1	FORD	203006 <sup>2B</sup>	M054032169	LEECE	40157S	M1360	TW-DI	415035 <sup>2B</sup>	M201539	TW-DI	415086N
LF4676A	FORD	5778	M054034270	LEECE	450082	M1360	TW-DI	455035	M201539	TW-DI	417487 <sup>2B</sup>
LH340442	MIHLE	471801 <sup>2B</sup>	M054034270	LEECE	473238	M136A	PACIF	455035N	M201539A	TW-DI	415086N
LH340566	MIHLE	470351	M054073498	LEECE	240733	M136A	TW-DI	455035N	M201539A	TW-DI	417487 <sup>2B</sup>
LH340761	MIHLE	415027 <sup>2B</sup>	M054-27-165	MAZDA	710727	M136D	TW-DI	455035N	M201576A	PACIF	415991 <sup>2B</sup>
LH340761	MIHLE	455027	M055-27-165	MAZDA	710313	M137	OLIVE	415995 <sup>2B</sup>	M201576A	PACIF	415991N
LK5003	PAYEN	710617	M073-27-238	MAZDA	710218	M137	OLIVE	455013	M201576A	TW-DI	415991 <sup>2B</sup>
LK5005	PAYEN	710600	M0A1-27-238	MAZDA	2007N	M137	TW-DI	415995V	M201576A	TW-DI	415991N
LK5006	PAYEN	710848	M0A2-27-238	MAZDA	2007N	M137	TW-DI	455995N	M201589	TW-DI	415984 <sup>2B</sup>
LK5008	PAYEN	710759	M0A7-27-238	MAZDA	710218	M138	TW-DI	450085	M20231	VICK	450085
LL24-7B215-HA	FORD	710664	M0A7-27-238A	MAZDA	710218	M138	TW-DI	470530 <sup>2B</sup>	M20231	VICK	470530 <sup>2B</sup>
LM227	WHITE	343185	M1037	TW-DI	415085 <sup>2B</sup>	M138A	TW-DI	450301	M21015	VICK	471787 <sup>2B</sup>
LM337	WHITE	5976S	M1037	TW-DI	456648	M138A	TW-DI	472397 <sup>2B</sup>	M2130	KEN	410312N
LM5	BARRE	203034	M104	TW-DI	470027	M1443	OLIVE	415483 <sup>2B</sup>	M2130	TW-DI	410312N
LM664	WHITE	471231 <sup>2B</sup>	M104	TW-DI	471554 <sup>2B</sup>	M1443	OLIVE	455368	M21512	FORD	471538 <sup>2B</sup>
LO-20	ATP	710643	M105	TW-DI	473215 <sup>2B</sup>	M1462	TW-DI	450154	M21512	VICK	471538 <sup>2B</sup>
LO-21	ATP	4189H	M1056	TW-DI	470219	M1462	TW-DI	473234	M2164	TW-DI	240731
LO-22	ATP	3622	M1056	TW-DI	471649 <sup>2B</sup>	M1510	NORDG	470219	M2166	TW-DI	415303 <sup>2B</sup>
LO-29	ATP	3404	M105A	TW-DI	473215 <sup>2B</sup>	M1510	NORDG	471649 <sup>2B</sup>	M2190	TW-DI	100494
LO-41	ATP	4765	M105TD	CASE	473215 <sup>2B</sup>	M1523	TW-DI	471571	M2190	TW-DI	416470N
LO-42	ATP	4764	M106	TW-DI	450070	M154	MINNM	455336	M2190A	TW-DI	476470
LQX100070	ROVER	320348	M106	TW-DI	472185 <sup>2B</sup>	M1585	GRAY	470163	M2192A	TW-DI	455200N
LQX100070L	ROVER	320348	M-1065	BWP	357PKG	M1585	GRAY	471766 <sup>2B</sup>	M2200	TW-DI	417497
LR000771	ROVER	710794	M107	TW-DI	470077	M1585	TW-DI	417191	M2201	TW-DI	471763
LR000877	ROVER	710699	M107	TW-DI	474281 <sup>2B</sup>	M1585A	TW-DI	417191	M2221	TW-DI	415086N
LR000881	ROVER	710774	M109	TW-DI	450094	M1585A	TW-DI	455165 <sup>2B</sup>	M2221	TW-DI	417487 <sup>2B</sup>
LR001418	ROVER	710789	M109	TW-DI	473462	M16516	FAFNI	353120	M2222	TW-DI	340151
LR002906	ROVER	710733	M10HH137	SPICE	370025A	M17824	JOHND	204020	M22229	IH	471750 <sup>2B</sup>
LR002906	ROVER	710773	M110	TW-DI	415001 <sup>2B</sup>	M17824	JOHND	204505 <sup>2B</sup>	M2226	NORDG	411245 <sup>2B</sup>
LR023293	ROVER	710780	M110	TW-DI	455001	M1804	TW-DI	450519	M2226	NORDG	455096
LR025013	ROVER	223750	M111	TW-DI	416288 <sup>2B</sup>	M1804	TW-DI	471271 <sup>2B</sup>	M2234	TW-DI	415098N
LR043291	ROVER	223750	M1110	OLIVE	415458 <sup>2B</sup>	M1854A	TW-DI	415142	M2239	TW-DI	417316 <sup>2B</sup>
LR086042	ROVER	710946	M1110	OLIVE	455003	M1856	TW-DI	415142	M2240	TW-DI	415013
LR1301	PETTI	417316 <sup>2B</sup>	M1110	WHITE	415458 <sup>2B</sup>	M1856A	TW-DI	415142	M2240	TW-DI	415995 <sup>2B</sup>
LR1301	PETTI	455004	M112	OLIVE	415027 <sup>2B</sup>	M1868	TW-DI	471413 <sup>2B</sup>	M22440	IH	470045
LR1302	PETTI	415991	M112	OLIVE	455027	M1875	TW-DI	410825	M22440	IH	476838 <sup>2B</sup>
LR1302	PETTI	455146 <sup>2B</sup>	M113	TW-DI	415047	M1926	TW-DI	471648	M2251B	TW-DI	415138 <sup>2B</sup>
LUC100220	ROVER	223005	M1153	TW-DI	410987 <sup>2B</sup>	M1984	TW-DI	470548	M2252	TW-DI	415013N
LUC100220L	ROVER	223005	M1153	TW-DI	450103	M1984	TW-DI	470625 <sup>2B</sup>	M2252	TW-DI	415995V
LUC100290	ROVER	223005	M1154	TW-DI	470163	M200	MINNM	450400	M2257A	TW-DI	415147N
LUC100290L	ROVER	223005	M1154	TW-DI	471766 <sup>2B</sup>	M201093	TW-DI	471272N	M226	TW-DI	410694 <sup>2B</sup>
LUF 000010	ROVER	710822	M1160	TW-DI	472144 <sup>2B</sup>	M201105	TW-DI	240736	M2272A	TW-DI	415963N
LUF 000010	ROVER	716484	M1181	TW-DI	455321	M201105TD	KEN	240736	M22811	VICK	415991
LUF 000020	ROVER	231003	M1182A	TW-DI	455035N	M201191	TW-DI	456865N	M22811	VICK	455146 <sup>2B</sup>
LUF100530L	ROVER	710127	M1182C	TW-DI	415035	M201290	TW-DI	450185	M22918	VICK	350954

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
M22918	VICK	470954 <sup>28</sup>	M2800	TW-DI	471271 <sup>28</sup>	M38926R	MATHR	39802	M4609	MUSAS	1973
M2295A	TW-DI	450082	M2806	TW-DI	415988	M38935R	MATHR	39930	M4611	MUSAS	710093
M2295A	TW-DI	473238	M2807	TW-DI	416364 <sup>28</sup>	M38936R	MATHR	39920	M4612	MUSAS	710094
M23172	VICK	470163	M2815	TW-DI	471442 <sup>28</sup>	M39044	NATL	39883	M4615	MUSAS	19319
M23172	VICK	471766 <sup>28</sup>	M2867	TW-DI	472015 <sup>28</sup>	M39089R	MATHR	39805	M4616	MUSAS	224235
M2356	KEN	415389	M2876	TW-DI	415304	M39157R	MATHR	39804	M4618	MUSAS	1994
M2356	PACIF	415389	M2876	TW-DI	476470 <sup>28</sup>	M39285	MATHR	39807	M4619	MUSAS	223012
M2356	TW-DI	415389	M2966	TW-DI	456865N	M39448	MATHR	55563	M4620	MUSAS	225220
M2371	TW-DI	100494	M2-L117A	BR-WN	470120	M401	TW-DI	450084 <sup>28</sup>	M4621	MUSAS	494123
M2371	TW-DI	416470N	M2-L117A	BR-WN	471224 <sup>28</sup>	M40403	MATHR	380003A	M4624	MUSAS	710191
M2399	TW-DI	410085N	M305308	GW	340120	M40413	MATHR	380001A	M4627	MUSAS	710150
M2406	TW-DI	100494	M305924	GW	450867	M40413G	MATHR	370001A	M4628	MUSAS	223550
M2406	TW-DI	416470N	M305924	GW	470898	M40554	MATHR	380025A	M4630	MUSAS	1990
M2421	TW-DI	471413V	M315	TW-DI	417316 <sup>28</sup>	M40676	JOHND	252277	M4631	MUSAS	710355
M2423	TW-DI	415248N	M315	TW-DI	455004	M41050	JOHND	471643 <sup>28</sup>	M4632	MUSAS	228250
M24244	DAVEY	450301	M3161	JA-HE	240457	M413	TW-DI	411253 <sup>28</sup>	M4634	MUSAS	712011
M24244	DAVEY	472397 <sup>28</sup>	M3162	JA-HE	6597S	M413	TW-DI	450099	M4635	MUSAS	1019
M24286	DAVEY	450352	M340417R91	IH	410708	M41453	MATHR	40392	M4636	MUSAS	223801
M24286	DAVEY	472164 <sup>28</sup>	M34401	MATHR	39821	M417	TW-DI	450185	M4642	MUSAS	2012V
M24407	DAVEY	410496 <sup>28</sup>	M35156R	MATHR	39835	M417	TW-DI	473229	M4643	MUSAS	223420
M24469	VICK	416273 <sup>28</sup>	M35320R	MATHR	39813	M417TD	CASE	450185	M4644	MUSAS	223012
M2449	TW-DI	415013N	M3536	CONST	471887	M417TD	CASE	473229	M4645	MUSAS	1019
M2449	TW-DI	415995V	M35753R	MATHR	39302	M42	TMTR	450083	M4646	MUSAS	2012V
M2505	TW-DI	240319	M358	TW-DI	416654 <sup>28</sup>	M42	TMTR	472924 <sup>28</sup>	M4647	MUSAS	710218
M2515	TW-DI	410101N	M358	TW-DI	455012	M42015	IH	473426	M4648	MUSAS	228250
M2558	TW-DI	410316	M35940	MATHR	39715	M4209	CONST	41264S	M4649	MUSAS	710323
M2558	TW-DI	472636 <sup>28</sup>	M35957R	MATHR	39823	M42523	IH	471827 <sup>28</sup>	M4653	MUSAS	350609
M2580A003	MITSU	221610	M35994R	MATHR	55563	M436	HUME	200354	M4657	MUSAS	710264
M25931	VICK	415991 <sup>28</sup>	M36074R	MATHR	39837	M440	GRAY	412473 <sup>28</sup>	M4664	MUSAS	710886
M25931	VICK	415991N	M36119R	MATHR	39713	M440	GRAY	415894	M49123	JOHND	470163
M2606A	TW-DI	470954 <sup>28</sup>	M36386	MATHR	39849	M440	TW-DI	415164N	M49123	JOHND	471766 <sup>28</sup>
M2609	TW-DI	473010N	M36387R	MATHR	39853	M446	TW-DI	476424N	M4K5438	CATER	473244 <sup>28</sup>
M2686B	TW-DI	J1126	M36388R	MATHR	39851	M44888	JOHND	470567	M4X4047	CATER	470487N
M2686C	TW-DI	J1127	M36390	MATHR	39711	M44888	JOHND	471267 <sup>28</sup>	M4X4051	CATER	471419
M2686D	TW-DI	J1125	M36391R	MATHR	39849	M4504	MUSAS	710313	M4X4051	CATER	473367
M2686F	TW-DI	J1129	M36392R	MATHR	39701	M4508	MUSAS	223255	M50149A	BR-WN	450083
M2686G	TW-DI	J1128	M36393R	MATHR	39711	M4509	MUSAS	1213N	M50149A	BR-WN	472924 <sup>28</sup>
M2686H	TW-DI	J1109	M36425R	MATHR	39910	M4510	MUSAS	228020	M502-17-3	MAZDA	223801 <sup>28</sup>
M2686J	TW-DI	J1117	M36473R	MATHR	39705	M4515	MUSAS	1990	M502-17-335	MAZDA	223801 <sup>28</sup>
M2686K	TW-DI	J1136	M36476R	MATHR	39703	M4519	MUSAS	710320	M502-17-335A	MAZDA	223801 <sup>28</sup>
M2686L	TW-DI	J1121	M36521R	MATHR	39723	M4521	MUSAS	224020	M502-17-335S	MAZDA	223801 <sup>28</sup>
M2686M	TW-DI	J1123	M36689R	MATHR	39887	M4525	MUSAS	710320	M504-17-335	MAZDA	224255
M2686N	TW-DI	J1130	M36690R	MATHR	39888	M4534	MUSAS	710311	M507-17-335	MAZDA	710818
M2686Q	TW-DI	J1118	M36985R	MATHR	39801	M4539	MUSAS	710323	M507-17-335A	MAZDA	710818
M2686T	TW-DI	J1134	M37001	MATHR	39803	M4540	MUSAS	4990	M552	TW-DI	415449 <sup>28</sup>
M2686U	TW-DI	J1122	M37022	MATHR	39958	M4542	MUSAS	710396	M552	TW-DI	455147
M2686V	TW-DI	J1132	M37098R	MATHR	39809	M4546	MUSAS	227020	M552A	TW-DI	415147N
M2686X	TW-DI	J1107	M37103R	MATHR	39894	M4547	MUSAS	1975	M5610	BARTL	471192
M2686Y	TW-DI	J1119	M37104R	MATHR	39893	M4549	MUSAS	473823	M5621	BARTL	471651
M2686Z	TW-DI	J1105	M37269R	MATHR	39956	M4550	MUSAS	1994	M581	FORD	481568 <sup>28</sup>
M2695	TW-DI	416345 <sup>28</sup>	M37312R	MATHR	39952	M4552	MUSAS	224255	M5S43-2B384-AA	FORD	100944
M2701	TW-DI	417605	M37753R	MATHR	39885	M4556	MUSAS	222430	M600K-253	CONTI	470027
M2714	TW-DI	475003N	M37759R	MATHR	39890	M4561	MUSAS	225225	M600K-253	CONTI	471554 <sup>28</sup>
M2716	TW-DI	416666	M37760R	MATHR	39889	M4563	MUSAS	710223	M600K-257	CONTI	470219
M27180N	JOHND	204029	M37796	MATHR	39861	M4564	MUSAS	1126	M600K-257	CONTI	471649 <sup>28</sup>
M27180N	JOHND	204507 <sup>28</sup>	M37797	MATHR	39869	M4565	MUSAS	225530	M600L-214	CONTI	412119 <sup>28</sup>
M2718D	JOHND	471267 <sup>28</sup>	M37800	MATHR	39865	M4570	MUSAS	223420	M600L-214	CONTI	450101
M2718DM	JOHND	204029	M38308R	MATHR	39719	M4571	MUSAS	229010	M60478	ALLCH	471689 <sup>28</sup>
M2718DM	JOHND	204507 <sup>28</sup>	M38756R	MATHR	39925	M4572	MUSAS	8316	M605	TW-DI	450183
M2779	TW-DI	455134 <sup>28</sup>	M38760	MATHR	39886	M4604	MUSAS	710323	M605	TW-DI	472179

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
M605A	TW-DI	410183N	MA297	TW-DI	415995V	MB160850	CHRY	710146	MB584745	MITSU	494122
M61872	ALLCH	473474	MA306	TW-DI	475012N	MB160850	MITSU	710146	MB620515	CHRY	224874
M61958	JOHND	200851	MA349	TW-DI	471268N	MB160852	MITSU	225875	MB620515	MITSU	224874
M6402	MUSAS	222238	MA349	TW-DI	472258 <sup>28</sup>	MB160946	CHRY	710213	MB633432	CHRY	710182
M64107	JOHND	203025	MA372	TW-DI	415991 <sup>28</sup>	MB160946	MITSU	710213	MB633432	MITSU	710182
M671	TW-DI	450067	MA372	TW-DI	415991N	MB160949	CHRY	224570	MB633434	CHRY	710183
M671	TW-DI	473228	MA415	TW-DI	415013	MB160949	MITSU	224570	MB633434	MITSU	710183
M6SK136A	BR-WN	410520	MA415	TW-DI	415995 <sup>28</sup>	MB161152	MITSU	710763	MB633944	CHRY	229522
M6SK136A	BR-WN	471272 <sup>28</sup>	MA416	TW-DI	415304	MB166194	CHRY	710272	MB633944	MITSU	229522
M7041266	MARMO	240735	MA416	TW-DI	476470 <sup>28</sup>	MB166194	MITSU	710272	MB636433	CHRY	221620
M74054261	GE	416865 <sup>28</sup>	MA439	TW-DI	456865N	MB-176746	MITSU	229522	MB636433	MITSU	221620
M74054261	GE	455070	MA470	TW-DI	55301S	MB242821	CHRY	710338	MB664285	CHRY	224570
M74054262	GE	415090	MA472	TW-DI	100494	MB242821	MITSU	710338	MB664285	MITSU	224570
M74054263	GE	417556	MA472	TW-DI	416470N	MB242821	VILA	710338	MB664612	MITSU	710437
M74054264	GE	416107 <sup>28</sup>	MA524	TW-DI	415035V	MB242822	CHRY	710338	MB703743	MITSU	223608
M74054264	GE	455073	MA525	TW-DI	415995V	MB-242822	MITSU	710338	MB800115	MITSU	224210
M74054265	GE	455584	MA528	TW-DI	3893V <sup>28</sup>	MB242822	VILA	710338	MB808443	CHRY	8430S
M74054266	GE	416239 <sup>28</sup>	MA564	TW-DI	455006N	MB290013	CHRY	471845N	MB808443	MITSU	8430S
M77099	MATHR	39920	MA598	TW-DI	415991	MB290013	MITSU	471845N	MB808444	CHRY	4898
M805	TW-DI	417191	MA598	TW-DI	455146 <sup>28</sup>	MB290311	MITSU	222860	MB808444	MITSU	4898
M805	TW-DI	455165 <sup>28</sup>	MA623	TW-DI	415725 <sup>28</sup>	MB290739	CHRY	225875	MB837028	CHRY	710318
M806	TW-DI	455018	MA659	TW-DI	100495	MB290739	MITSU	225875	MB837028	MITSU	710318
M806	TW-DI	476470	MA659	TW-DI	415281N	MB297514	CHRY	225875	MB837030	CHRY	711027
M848	TW-DI	455026	MA738	TW-DI	473010N	MB297514	MITSU	225875	MB837030	MITSU	711027
M849	TW-DI	416125 <sup>28</sup>	MA744	TW-DI	456865N	MB303867	MITSU	225082	MB837031	CHRY	712551
M862835	MITSU	716102	MA745	TW-DI	415984 <sup>28</sup>	MB303875	CHRY	225230	MB837031	MITSU	712551
M86688	IH	471192	MA764	TW-DI	471341 <sup>28</sup>	MB303875	MITSU	225230	MB936826	CHRY	223014
M86690	IH	450070	MA778	TW-DI	471466V	MB350906	CHRY	223215	MB936826	MITSU	223014
M86690	IH	472185 <sup>28</sup>	MA798	TW-DI	415983N <sup>28</sup>	MB350906	MITSU	223215	MBP0511312	FORD	228250
M9062-0020P	NISSA	710195	MB001115	MITSU	224210	MB393139	CHRY	710396	MBS-940	NATL	2377
M979	MINNM	455018	MB001170	CHRY	471847N	MB393139	MITSU	710396	MC1190A	FORD	6815
M979	MINNM	476470	MB001170	MITSU	471847N	MB393719	MITSU	224510	MC33587A	FORD	240151
MA02-27-165	MAZDA	710727	MB001314	MITSU	224510	MB393883	MITSU	710151	MC4676A	FORD	5778
MA02-27-165A	MAZDA	710727	MB001-33-065	KIA	4990	MB393929	CHRY	471847N	MC807438	MITSU	710083
MA02-27-238	MAZDA	710396	MB001-33-065A	KIA	4990	MB393929	MITSU	471847N	MC808763	MITSU	710423
MA02-27-238A	MAZDA	710396	MB002074	CHRY	494122	MB393932	CHRY	710396	MCX212	CLIMX	415937 <sup>28</sup>
MA103220	CHRY	471847N	MB002074	MITSU	494122	MB393932	MITSU	710396	MCX213	CLIMX	416865 <sup>28</sup>
MA103220	MITSU	471847N	MB076351	CHRY	221830	MB3C7-10-602A	KIA	710611	MCX213	CLIMX	455070
MA103453	CHRY	471076	MB076351	MITSU	221830	MB412315	CHRY	481481	MCX214	CLIMX	417487
MA103453	MITSU	471076	MB092145	CHRY	224255	MB412315	MITSU	481481	MCX214	CLIMX	455014
MA103454	CHRY	221720	MB092145	MITSU	224255	MB501649	CHRY	222036	MCX423	CLIMX	417191
MA103454	MITSU	221720	MB092186	CHRY	224100	MB501649	MITSU	222036	MCX423	CLIMX	455165 <sup>28</sup>
MA125844	CHRY	1196	MB092186	MITSU	224100	MB526395	CHRY	225875	MCX733	CLIMX	240733
MA-125844	MITSU	1196	MB092288	CHRY	4989	MB526395	MITSU	225875	MCX74	CLIMX	416654 <sup>28</sup>
MA125949	CHRY	224210	MB092288	MITSU	4989	MB526680	CHRY	710221	MCX74	CLIMX	455012
MA125949	MITSU	224210	MB092296	CHRY	224255	MB526680	MITSU	710221	MD000248	CHRY	227235
MA125991	MITSU	1955	MB092296	MITSU	224255	MB526680	MOPAR	710221	MD000248	MITSU	227235
MA181498	CHRY	225010	MB092-33-067	KIA	710323	MB553349	CHRY	710272	MD000254	MITSU	224465
MA181498	MITSU	225010	MB092436	CHRY	710479	MB553349	MITSU	710272	MD008762	CHRY	3771
MA183	TW-DI	415294 <sup>28</sup>	MB092436	MITSU	710479	MB569924	CHRY	710207	MD008762	MITSU	3771
MA183	TW-DI	455294	MB092437	CHRY	225010	MB569924	MITSU	710207	MD008882	CHRY	224460
MA188	TW-DI	455200N	MB092437	MITSU	225010	MB569925	CHRY	710208	MD008882	MITSU	224460
MA188A	TW-DI	416888 <sup>28</sup>	MB092527	CHRY	223550	MB569925	MITSU	710208	MD008883	CHRY	222820
MA188A	TW-DI	455200	MB092527	MITSU	223550	MB573309	CHRY	225450	MD008883	MITSU	222820
MA210	TW-DI	415086N	MB092620	MITSU	223542	MB573309	MITSU	225450	MD008885	MITSU	227235
MA210	TW-DI	417487 <sup>28</sup>	MB092713	MITSU	710401	MB584601	CHRY	710338	MD009038	CHRY	221710
MA257	TW-DI	475368N	MB109057	MITSU	229522	MB584601	MITSU	710338	MD009038	MITSU	221710
MA273	TW-DI	417605	MB160578	CHRY	224255	MB584601	VILA	710338	MD016310	MITSU	3771
MA287	TW-DI	410085N	MB160578	MITSU	224255	MB-584604	MITSU	710338	MD016549	CHRY	227235
MA297	TW-DI	415013N	MB160674	MITSU	225875	MB584745	CHRY	494122	MD016549	MITSU	227235

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
MD020240	CHRY	228005	MD168055	MITSU	223750	MD505608	CHRY	712007	MD755904	MITSU	710747
MD020240	MITSU	228005	MD168055	MOPAR	223750	MD505608	MITSU	712007	MD758763	MITSU	710747
MD020308	MITSU	224840	MD-168056	MITSU	224840	MD5120	MURPH	416339	MD94630X	MURPH	415294 <sup>28</sup>
MD020435	CHRY	228005	MD168057	CHRY	222025 <sup>28</sup>	MD5120	MURPH	455031 <sup>28</sup>	MD94630X	MURPH	455294
MD020435	MITSU	228005	MD168057	MITSU	222025	MD610203	CHRY	2025	MD950349	CHRY	480479H
MD030782	MITSU	712001	MD168058	CHRY	221710	MD630019	CHRY	710747	MD950349	MITSU	480479H
MD030789	CHRY	712001	MD168058	MITSU	221710	MD630019	MITSU	710747	MD950716	CHRY	480479H
MD030789	MITSU	712001	MD168059	MITSU	712007	MD701430	CHRY	710317	MD950716	MITSU	480479H
MD031837	CHRY	223018	MD168060	CHRY	222820	MD701430	MITSU	710317	MD955601	CHRY	320583
MD041012	MITSU	712007	MD168060	MITSU	222820	MD701721	CHRY	710222	MD955601	MITSU	320583
MD050604	CHRY	228005	MD168061	CHRY	224460	MD701721	MITSU	710222	MDS65	VICK	350679
MD050604	MITSU	228005	MD168061	MITSU	224460	MD701732	CHRY	223240	MDS65	VICK	470954 <sup>28</sup>
MD050605	CHRY	221710	MD174462	CHRY	224460	MD701732	MITSU	223240	ME623281	MITSU	710678
MD050605	MITSU	221710	MD174462	MITSU	224460	MD701735	CHRY	712007	ME624211	MITSU	710678
MD050606	CHRY	224460	MD174940	CHRY	710767	MD701735	MITSU	712007	MER-0103	MERIX	370022A
MD050606	MITSU	224460	MD174940	MITSU	710767	MD701782	CHRY	710317	MER-0104	MERIX	370031A
MD050608	CHRY	712007	MD177097	MITSU	223010	MD701782	MITSU	710317	MER-0112	MERIX	370023A
MD050608	MITSU	712007	MD180183	CHRY	710302	MD703735	CHRY	223014	MER-0113	MERIX	370036A
MD069947	CHRY	228005	MD180183	MITSU	710302	MD703735	MITSU	223014	MER-0123	MERIX	370065A
MD069947	MITSU	228005	MD186094	CHRY	710894	MD703743	CHRY	223608	MER-0136	MERIX	370001A
MD069948	CHRY	221710	MD186094	MITSU	710894	MD703743	MITSU	223608	MER-0143	MERIX	370025A
MD069948	MITSU	221710	MD-2341	MURPH	J1141	MD705848	MITSU	221610	MER-0164	MERIX	370048A
MD069949	CHRY	224460	MD2946	MURPH	470027	MD706433	CHRY	710396	MER-0173	MERIX	370003A
MD-069949	MITSU	224460	MD2946	MURPH	471554 <sup>28</sup>	MD706433	MITSU	710396	MER-0203	MERIX	380022A
MD069950	CHRY	712007	MD301007	CHRY	223018	MD707184	CHRY	710396	MER-0204	MERIX	380031A
MD069950	MITSU	712007	MD301007	MITSU	223018	MD707184	MITSU	710396	MER-0212	MERIX	380023A
MD088855	CHRY	223750	MD318737	MITSU	712001	MD707184	MOPAR	710396	MER-0213	MERIX	380036A
MD088855	MITSU	223750	MD321819	MITSU	710794	MD707575	CHRY	320583	MER-0223	MERIX	380065A
MD090761	CHRY	710302	MD339026	CHRY	223018	MD707575	MITSU	320583	MER-0236	MERIX	380001A
MD095355	CHRY	222025 <sup>28</sup>	MD339026	MITSU	223018	MD711769	CHRY	1992	MER-0243	MERIX	380025A
MD095355	MITSU	222025 <sup>28</sup>	MD341236	CHRY	710767	MD711769	MITSU	1992	MER-0264	MERIX	380048A
MD096264	CHRY	222025 <sup>28</sup>	MD341236	MITSU	710767	MD712012	CHRY	223608	MER-0273	MERIX	380003A
MD096264	MITSU	222025 <sup>28</sup>	MD343563	CHRY	224460	MD712012	MITSU	223608	MF003-27-238A	KIA	2007N
MD101915	CHRY	710894	MD343563	MITSU	224460	MD713758	MITSU	710782	MF004-27-238	KIA	2007N
MD101915	MITSU	710894	MD343563	MOPAR	224460	MD719710	CHRY	710199	MF07013	RACIN	6863S <sup>28</sup>
MD117632N	MITSU	227235	MD343564	CHRY	228005	MD719710	MITSU	710199	MF091	RACIN	450183
MD117643	CHRY	227235	MD343564	MITSU	228005	MD723202	CHRY	223014	MF091	RACIN	472179
MD117643	MITSU	227235	MD343565	CHRY	712007	MD723202	MITSU	223014	MF4TZ-1177B	FORD	370047A
MD120699	CHRY	710894	MD343565	MITSU	712007	MD731708	CHRY	224052	MF4TZ-1S177B	FORD	370047A
MD120699	MITSU	710894	MD343566	CHRY	221710	MD731708	MITSU	224052	MG030-26-154	KIA	1126
MD120700	CHRY	223750	MD343566	MITSU	221710	MD731793	CHRY	223014	MG030-26-154A	KIA	1126
MD120700	MITSU	223750	MD3488	MURPH	473446	MD731793	MITSU	223014	MH034067	CHRY	223230
MD133317	CHRY	3771	MD359158	CHRY	710767	MD732405	MITSU	710782	MH034067	MITSU	223230
MD133317	MITSU	3771	MD359158	MITSU	710767	MD741818	CHRY	712007	MH034106	MITSU	225020
MD1462	MURPH	450593 <sup>28</sup>	MD359158	MOPAR	710767	MD741818	MITSU	712007	MH034110	MITSU	710423
MD150161	CHRY	710767	MD365697	CHRY	222025	MD741818	MOPAR	712007	MH-034112	MITSU	1955
MD150161	MITSU	710767	MD365697	MITSU	222025	MD742053	CHRY	710259	MH034146	MITSU	225020
MD150785	CHRY	710302	MD372248	CHRY	223018	MD742053	MITSU	710259	MH034147	MITSU	710678
MD150785	MITSU	710302	MD372248	MITSU	223018	MD746516	CHRY	710781	MH034151	MITSU	1955
MD15127	MURPH	473414	MD372249	CHRY	223750	MD746516	MITSU	710781	MH60358	ALLCH	472287 <sup>28</sup>
MD151463	MITSU	222820	MD372249	MITSU	223750	MD746742	CHRY	710747	MJA-HH-101	SPICE	477163N
MD152603	CHRY	223010	MD372249	MOPAR	223750	MD746742	MITSU	710747	MK102	COC	455197N
MD152603	MITSU	223010	MD372250	MITSU	227235	MD747546	CHRY	710747	MK1190A	FORD	9150S
MD153103	CHRY	3771	MD372251	MITSU	710894	MD747546	MITSU	710747	MK173	COC	6460S
MD153103	MITSU	3771	MD372536	CHRY	3771	MD747660	MITSU	710782	MK580530	CHRY	224570
MD153104	CHRY	223018	MD372536	MITSU	3771	MD755526	CHRY	710747	MK580530	MITSU	224570
MD153104	MITSU	223018	MD372536	MOPAR	3771	MD755526	MITSU	710747	MM174160	MURPH	416107 <sup>28</sup>
MD16239	MURPH	471570 <sup>28</sup>	MD4044	MURPH	471472 <sup>28</sup>	MD755552	CHRY	710747	MM174160	MURPH	455073
MD168005	MITSU	223750	MD-4059	MURPH	415074	MD755552	MITSU	710747	MM273336	MURPH	416664 <sup>28</sup>
MD168055	CHRY	223750	MD4066	MURPH	416271 <sup>28</sup>	MD755904	CHRY	710747	MM273336	MURPH	455364

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
MMI73262	MURRA	450085	MT2040H27	JAE	470682	N10566	MID-R	471554 <sup>28</sup>	N11372	SEALD	481792
MMI73262	MURRA	470530 <sup>28</sup>	MT2044S	CASE	470219	N10581	SEALD	450188	N11378	SEALD	450604
MMI73336	MURRA	416664 <sup>28</sup>	MT2044S	CASE	471649 <sup>28</sup>	N10583	SEALD	3732S	N11392	SEALD	472681
MMI73336	MURRA	455364	MT2226S	CASE	471354 <sup>28</sup>	N10598	SEALD	471651	N11431	MID-R	50327
MMI73377	MURRA	417316 <sup>28</sup>	MTA2032S	CASE	204038	N10627	SEALD	222742	N115080B	FORD	415001 <sup>28</sup>
MMI73836	MURRA	415035 <sup>28</sup>	MTA2043S	CASE	204002	N10640	SEALD	1990	N115080B	FORD	455001
MMI73836	MURRA	455035	MU149A	CHRYSLER	471689 <sup>28</sup>	N10653	SEALD	471705	N11514	SEALD	471707
MN130496	CHRYSLER	710747	MU7134A	BR-WN	352541	N10665	SEALD	222745	N11518	SEALD	474260
MN130496	CHRYSLER	710747	MU7149A	BR-WN	415449 <sup>28</sup>	N10681	SEALD	471705	N11524	SEALD	471736
MN130498	CHRYSLER	710747	MU7149A	BR-WN	455147	N10700	SEALD	471735	N11545	SEALD	450161
MN130498	CHRYSLER	710747	MW1381798	CHRYSLER	710729	N10728	SEALD	450342	N11553	SEALD	451182
MN132370	CHRYSLER	710747	MW2896	WHITE	340797	N10740	SEALD	471762	N11557	SEALD	473427
MN132370	CHRYSLER	710747	MW3277	WHITE	340495	N10766	SEALD	473420	N11585	SEALD	472475
MN980009	CHRYSLER	710618	MW3348	WHITE	350567	N10813	MID-R	470219	N11605	SEALD	1129
MO-5	ATP	710608	MW3348	WHITE	471267 <sup>28</sup>	N10813	MID-R	471649 <sup>28</sup>	N11606	SEALD	223005
MO54032189	LEECE	471192	MW7134A	BR-WN	352541	N10919	MID-R	6863S <sup>28</sup>	N11611	SEALD	223010
MO54034270	LEECE	473238 <sup>28</sup>	MW92	WHITE	471532	N10919A	MID-R	471103 <sup>28</sup>	N11612	SEALD	223012
MO54073498	LEECE	240733	MX49867	JOHNSON	415035 <sup>28</sup>	N10919A	MID-R	50197S	N11614	SEALD	223012
MO-8	ATP	713771	MX49867	JOHNSON	455035	N10919B	MID-R	471442 <sup>28</sup>	N11615	SEALD	223014
MO-9	ATP	710196	MX50069	JOHNSON	450085	N10919C	MID-R	6863S <sup>28</sup>	N11617	SEALD	1981
MOO508562	FWD	415960	MX50069	JOHNSON	470530 <sup>28</sup>	N10927	SEALD	710119	N11622	SEALD	1981
MOO508587	FWD	415147	MX51278	JOHNSON	471192	N10930	SEALD	222820	N11625	SEALD	223020
MOO508587	FWD	415449 <sup>28</sup>	MX54694	JOHNSON	415138 <sup>28</sup>	N10931	SEALD	712008	N1162C	EATON	416294 <sup>28</sup>
MOO65943	FWD	455005	MX60635	JOHNSON	471646 <sup>28</sup>	N10932	SEALD	222820	N11640	SEALD	223035
MOO83029	FWD	473448	MX60922	JOHNSON	415138 <sup>28</sup>	N10935	SEALD	712008	N11655	SEALD	3907
MOO83030	FWD	415003	MX60935	JOHNSON	471646 <sup>28</sup>	N10937	SEALD	222835	N11665	SEALD	30X62X7
MOO83030	FWD	415458 <sup>28</sup>	MX61829	JOHNSON	471570 <sup>28</sup>	N10938	SEALD	222835	N11700	SEALD	483488
MOO83031	FWD	415003	MX61943	JOHNSON	450070	N10957	SEALD	222860	N11702	SEALD	710065
MOO83031	FWD	415458 <sup>28</sup>	MX61943	JOHNSON	472185 <sup>28</sup>	N10958	SEALD	28X47X7	N11730	SEALD	470328
MOO83032	FWD	471652	MX62601	JOHNSON	415449 <sup>28</sup>	N10981	MID-R	471192	N11733	SEALD	9487
MOO83037	FWD	417316 <sup>28</sup>	MX62601	JOHNSON	455147	N10981D	MID-R	471224 <sup>28</sup>	N11734	SEALD	473203
MOO83038	FWD	473243	MX62870	JOHNSON	417344 <sup>28</sup>	N109913	JOHNSON	473214 <sup>28</sup>	N11740	SEALD	473425
MOO83045	FWD	455080	MX62870	JOHNSON	455006	N11050	SEALD	340835	N11764	SEALD	472475
MP747	ADAMS	470088	MX63090	JOHNSON	415035 <sup>28</sup>	N11055	SEALD	313842	N11776	SEALD	473426
MQ901105	CHRYSLER	710218	MX63090	JOHNSON	455035	N11060	SEALD	340815	N11777	SEALD	473426
MQ908119	CHRYSLER	224663	MX73464	JOHNSON	471570 <sup>28</sup>	N11061	SEALD	1037	N11801	SEALD	471765
MR110306	CHRYSLER	710325	MX87356	JOHNSON	40169S	N11065	SEALD	240151	N11836	SEALD	40162S
MR110306	CHRYSLER	710325	MX97713	JOHNSON	415303 <sup>28</sup>	N11066	SEALD	50151S	N11846	SEALD	40576S
MR145792	CHRYSLER	1992	MXO1111	COC	455189	N11067	SEALD	352560	N11878	SEALD	471354
MR145792	CHRYSLER	1992	MXO1187	COC	470712 <sup>28</sup>	N11079	SEALD	3638	N11907	SEALD	473205
MR580530	CHRYSLER	224570	MXO1189	COC	470712 <sup>28</sup>	N11081	SEALD	340151	N11930	SEALD	472432
MR580530	CHRYSLER	224570	MXS388	COC	471281 <sup>28</sup>	N11086	SEALD	222820	N1200	SEALD	5460
MR967673	CHRYSLER	320583	MXS826	COC	6186	N11111	SEALD	3638	N1206	SEALD	370024A
MR967673	CHRYSLER	320583	MYS6G-6700-AA	FORD	711002	N11123	SEALD	482208	N1208	SEALD	370005A
MR967673	CHRYSLER	320583	N10034	SEALD	205005	N11124	SEALD	471652	N12121	SEALD	203016
MR983368	CHRYSLER	710317	N10035	SEALD	204005	N11130	SEALD	471652	N12124	SEALD	203025
MR983368	CHRYSLER	710317	N10049	SEALD	450593	N11138	SEALD	470189	N1214	SEALD	370024A
MS-20124A	CHRYSLER	450352	N10050	SEALD	450593	N11150	SEALD	471692	N1219	SEALD	370009A
MS-20124A	CHRYSLER	472164 <sup>28</sup>	N10075	SEALD	471733	N11161	SEALD	204505	N12250	SEALD	710172
MS20149A	CHRYSLER	455556	N10096	SEALD	471733	N11164	SEALD	204020	N12301	SEALD	710332
MS9444A	CHRYSLER	415187	N10112	SEALD	240462	N11170	SEALD	470045	N12325	SEALD	251511
MT100138	CHRYSLER	710763	N10114	SEALD	471744	N11171	SEALD	470045	N12329	SEALD	251511
MT119305	CHRYSLER	68X90X10 <sup>28</sup>	N10123	SEALD	471760	N11223	SEALD	470712	N12330	SEALD	343186
MT141132	CHRYSLER	225010	N10124	SEALD	471760	N11269	SEALD	203003	N12334	SEALD	240356
MT141132	CHRYSLER	225010	N10153	SEALD	40157S	N11284	SEALD	6832S	N12335	SEALD	473135V
MT141546	CHRYSLER	224210	N10158	SEALD	471619	N11299	SEALD	472674	N12336	SEALD	6859S
MT203648	CHRYSLER	224570	N10181	SEALD	222540	N11340	SEALD	471763	N12337	SEALD	473135V
MT203648	CHRYSLER	224570	N10230	SEALD	222655	N11343	SEALD	471763	N12340	SEALD	471413V
MT2040H27	CHRYSLER	470682	N10515	SEALD	9376	N11352	SEALD	472644	N12343	SEALD	471413V
			N10566	MID-R	470027	N11365	SEALD	471785	N12355	SEALD	7412S

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N-12360	SEALD	712025	N13027	SEALD	473423	N137	NORDG	450188	N14247	SEALD	473016
N12361	SEALD	40140S	N1303	SEALD	5666	N13700	SEALD	9569S	N14262	SEALD	473016
N12363	SEALD	7412S	N13050	SEALD	472826	N13710	SEALD	42763	N14282	SEALD	473225
N12364	SEALD	471413	N1306	SEALD	370046A	N13711	SEALD	204027	N14283	SEALD	473225
N12369	SEALD	40140S	N13060	SEALD	472826	N13738	SEALD	9568	N14357	CASE	40169S
N12384	SEALD	471737	N130664	JOHND	40140S	N13739	SEALD	3116N	N14363	SEALD	470062
N12386	SEALD	471737	N1307	SEALD	5649	N13758	SEALD	43089S	N14381	SEALD	4795V
N12396	SEALD	3199	N1308	SEALD	370023A	N13797	SEALD	6241S	N14383	SEALD	473226
N12398	SEALD	203012	N13084	SEALD	473421	N13810	SEALD	471276	N144	SEALD	710163
N12399	SEALD	203012	N13092	SEALD	473211	N13839	SEALD	7687S	N14423	SEALD	471862
N12404	SEALD	203029	N13112	SEALD	473212	N13857	SEALD	1987	N14641	SEALD	473438
N12407	SEALD	7781S	N13165	SEALD	5131	N13865	SEALD	471835	N14695	SEALD	223805
N12411	SEALD	204029	N13168	SEALD	5131	N13875	SEALD	473258	N14703	SEALD	223801
N12428	SEALD	471750	N1322	SEALD	5089	N13876	SEALD	473258	N14704	SEALD	1174
N1243	SEALD	5601	N13221	SEALD	473213	N13878	SEALD	471847N	N14705	SEALD	1174
N12437	SEALD	7781S	N13246	SEALD	2300	N13892	SEALD	450776	N14706	SEALD	1174
N1244	SEALD	5602	N13350	SEALD	484054	N13900	SEALD	450456	N14708	SEALD	1174
N12445	SEALD	471766V	N13419	SEALD	9161	N13911	SEALD	710076	N14710	SEALD	239146
N1245	SEALD	5603	N13423	SEALD	223400	N13918	SEALD	473197	N14720	SEALD	223830
N12456	SEALD	471766	N13425	SEALD	223420	N13920	SEALD	473197	N14721	SEALD	223831
N12458	SEALD	470163	N13426	SEALD	223420	N13938	SEALD	35X47X7	N14730	SEALD	223840
N12481	SEALD	40652S	N13430	SEALD	34X52X8	N13939	SEALD	1172	N14731	SEALD	223840
N12508	SEALD	41787S	N13437	SEALD	473436	N13941	SEALD	710051	N14732	SEALD	223842
N12545	SEALD	471795	N13439	SEALD	710110	N13942	SEALD	1108	N14738	SEALD	1038
N12551	SEALD	471795	N13441	SEALD	710110	N13943	SEALD	3771	N14740	SEALD	223843
N12565	SEALD	471795	N13445	SEALD	473812	N13944	SEALD	223520	N14750	SEALD	1176
N12577	SEALD	471801	N13452	SEALD	2007N	N13946	SEALD	713771	N14767	SEALD	1177
N12590	SEALD	8293S	N13478	SEALD	710109	N13947	SEALD	3655	N14768	SEALD	1177
N12613	SEALD	471808	N13492	SEALD	8594S	N13949	SEALD	223535	N14775	SEALD	3357
N12614	SEALD	471808	N13500	SEALD	8133S	N13953	SEALD	4040N	N14780	SEALD	8597S
N12621	SEALD	471818	N13508	SEALD	8549S	N13954	SEALD	223542	N14789	SEALD	482415
N12631	SEALD	471407	N13527	SEALD	2443	N13955	SEALD	9344S	N148	BUTBN	471689 <sup>28</sup>
N12637	SEALD	471833	N13529	SEALD	340853	N13956	SEALD	8676S	N14807	SEALD	253099
N12670	SEALD	470806	N13533	SEALD	6597S	N13959	SEALD	710096	N14810	SEALD	343099
N12685	SEALD	8429S	N13534	SEALD	330663	N13961	SEALD	223543	N14816	SEALD	42260S
N12700	SEALD	223215	N13535	SEALD	330663	N13962	SEALD	2007N	N14832	SEALD	452554N
N12705	SEALD	223220	N13537	SEALD	323138	N13963	SEALD	223540	N14840	SEALD	443018
N12706	SEALD	223220	N13543	SEALD	40395	N13964	SEALD	35X58X10	N14846	SEALD	6759S
N12710	SEALD	32X45X7	N13545	SEALD	40395	N13969	SEALD	4901	N14848	SEALD	3677
N12718	SEALD	223235	N13548	SEALD	40395	N13970	SEALD	35X62X7	N14855	SEALD	481163
N12719	SEALD	223235	N13552	SEALD	1987	N13973	SEALD	471847N	N14857	SEALD	240319
N12730	SEALD	3476	N13557	SEALD	482163N	N13974	SEALD	223580	N14858	SEALD	472466
N12731	SEALD	471413	N13562	SEALD	5872S	N13976	SEALD	223580	N14863	SEALD	7537S
N12735	SEALD	223240	N13568	SEALD	480570	N13978	SEALD	1173	N14876	SEALD	473227
N12736	SEALD	223240	N13569	SEALD	472258	N13981	SEALD	1147	N14887	SEALD	473227V
N12741	SEALD	710164	N13571	SEALD	5872S	N13985	SEALD	3214	N14903	SEALD	480844
N12745	SEALD	223255	N13573	SEALD	40522S	N13990	SEALD	8660S	N14907	SEALD	50468
N12746	SEALD	223252	N13585	SEALD	470403	N13992	SEALD	8660S	N14935	SEALD	331228H
N12747	SEALD	223253	N13596	SEALD	6760S	N14008	SEALD	223602	N14938	SEALD	470625
N12785	SEALD	471845N	N13598	SEALD	51322	N14009	SEALD	223605	N14939	SEALD	5115
N128	CASE	450185	N136	BUTBN	472179	N14016	SEALD	223608	N14940	SEALD	331228H
N128	CASE	473229	N13602	SEALD	472287	N14017	SEALD	223608	N14960	SEALD	340136
N12810	SEALD	710070	N13650	SEALD	471192	N14030	SEALD	2003N	N14966	SEALD	340136
N12830	SEALD	473424	N13662	SEALD	450154	N14040	SEALD	474288	N14968	SEALD	9363S
N12886	SEALD	223340	N13668	SEALD	3543	N14045	SEALD	1965	N14970	SEALD	200859
N12900	SEALD	33X50X12	N13671	SEALD	473214	N14046	SEALD	1965	N14972	SEALD	203013
N12925	SEALD	710043	N13676	SEALD	473214	N14050	SEALD	4989	N14974	SEALD	204013
N12948	MID-R	471192	N13685	SEALD	2655	N14055	SEALD	710057	N14975	SEALD	204013
N13005	SEALD	710124	N13689	SEALD	40169S	N14214	SEALD	3395	N14978	SEALD	7692S
N13021	SEALD	6370N	N137	BUTBN	417205 <sup>28</sup>	N14223	SEALD	473224	N14994	SEALD	470380V

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<sup>28</sup>Industrial Size/Type

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N15004	SEALD	470380	N15788	SEALD	5778	N16440	SEALD	450467	N17165	SEALD	350609
N15005	SEALD	470380	N15802	SEALD	4175	N16502	SEALD	224210	N17166	SEALD	350609
N15032	SEALD	40059S	N15803	SEALD	1217	N16503	SEALD	42X55X8	N17187	SEALD	8705S
N15039	SEALD	470059	N15805	SEALD	224015	N16505	SEALD	494117	N17190	SEALD	8460N
N15041	SEALD	9613S	N15807	SEALD	1213N	N16506	SEALD	494117	N17231	SEALD	450400
N15076	SEALD	471820	N15810	SEALD	1213N	N16507	SEALD	3051N	N17265	SEALD	7486S
N15080	SEALD	40063S	N15820	SEALD	473677	N16508	SEALD	710097	N17270	SEALD	473237
N15092	SEALD	471344	N15825	SEALD	712551	N16511	SEALD	224215	N17271	SEALD	473237
N15093	SEALD	471344	N15826	SEALD	224026	N16515	SEALD	1953	N17277	SEALD	204503
N151	BUTBN	471567 <sup>28</sup>	N15835	SEALD	3459	N16517	SEALD	2025	N17284	SEALD	470351
N15141	SEALD	51098	N15836	SEALD	3459	N16519	SEALD	224250	N17285	SEALD	470351
N15142	SEALD	51098	N15841	SEALD	710147	N16523	SEALD	224250	N17286	SEALD	6936S
N15174	SEALD	200861	N15845	SEALD	224045	N16525	SEALD	224255	N17310	SEALD	43071S
N15176	SEALD	410190	N15846	SEALD	710196	N16527	SEALD	224255	N17315	SEALD	471831
N15190	SEALD	41461S	N15850	SEALD	224100	N16542	SEALD	710179	N17340	SEALD	471831
N15194	SEALD	451857	N15863	SEALD	474133	N16545	SEALD	7457N	N17359	SEALD	471831
N15204	SEALD	450984	N15866	SEALD	1036	N16555	SEALD	224270	N17386	SEALD	450494
N15207	SEALD	470487N	N15867	SEALD	1146	N16556	SEALD	450073	N17387	SEALD	472164
N15214	SEALD	473440	N15870	SEALD	40X80X10	N16559	SEALD	452086	N17390	SEALD	7834
N15230	SEALD	470077	N15900	SEALD	4141	N16599	SEALD	4099	N17392	SEALD	7834
N15234	SEALD	471915	N15955	SEALD	450065	N16650	SEALD	353141	N17399	SEALD	451147H
N15240	SEALD	450326	N15960	SEALD	482253	N16657	SEALD	473317	N17404	SEALD	450361
N15270	SEALD	710247	N16032	SEALD	1950	N16659	SEALD	7022S	N17406	SEALD	203015
N15305	SEALD	8610	N16034	SEALD	1180	N16667	SEALD	204008	N17413	SEALD	470361
N15310	SEALD	710123	N16036	SEALD	1180	N16679	SEALD	473445	N17415	SEALD	204502
N15312	SEALD	710122	N16040	SEALD	8477S	N16680	SEALD	473445	N17442	SEALD	450070
N15330	SEALD	452222	N16044	SEALD	8835S	N16692	SEALD	480479H	N17443	SEALD	472185
N15374	SEALD	8610	N16046	SEALD	473694	N16696	SEALD	480479H	N17444	SEALD	4950
N15376	SEALD	8940S	N16047	SEALD	472419	N16719	SEALD	473234	N17458	SEALD	4950
N15440	SEALD	710046	N16054	SEALD	481181	N16725	SEALD	7300S	N17484	SEALD	470334
N15450	SEALD	472635	N16055	SEALD	5778	N16735	SEALD	712146	N17488	SEALD	204038
N15460	SEALD	8695S	N16061	SEALD	1999	N16743	SEALD	40154S	N17523	SEALD	472179
N-15462	SEALD	4244	N16062	SEALD	473230	N16747	SEALD	2146	N17544	SEALD	472179
N15506	SEALD	330749V	N16064	SEALD	204017	N16757	SEALD	9178S	N17557	SEALD	472179
N15508	SEALD	8421S	N16069	SEALD	204017	N16805	SEALD	8516N	N17599	SEALD	5827
N15509	SEALD	7994S	N16072	SEALD	470358	N16811	SEALD	440265	N17605	SEALD	473447
N15517	SEALD	473517	N16079	SEALD	470358	N16816	SEALD	473235	N17617	SEALD	204038
N15518	SEALD	39711	N16084	SEALD	473231	N16818	SEALD	200886	N17618	SEALD	200354
N15522	SEALD	472213	N16117	SEALD	471419	N16820	SEALD	7381S	N17620	SEALD	200600
N15535	SEALD	8935S	N16118	SEALD	471419	N16842	SEALD	470074	N17624	SEALD	712260
N15542	SEALD	472299	N16146	SEALD	4762N	N16854	SEALD	450765	N17645	SEALD	471141
N15543	SEALD	472299	N16173	SEALD	450066	N16871	SEALD	7038SA	N17653	SEALD	471141
N15544	SEALD	40438S	N16180	SEALD	471829	N16897	SEALD	320583	N17671	SEALD	471141
N15546	SEALD	2506	N16189	SEALD	471829	N16900	SEALD	473236	N17678	SEALD	473448
N15557	SEALD	450666	N16201	SEALD	471829	N16901	SEALD	3622	N17693	SEALD	473448
N15592	SEALD	471821	N16245	SEALD	473010	N16945	SEALD	8516N	N17695	SEALD	473448
N15620	SEALD	8160S	N16246	SEALD	473010	N16960	SEALD	470596	N17699	SEALD	471984
N15635	SEALD	450185	N16247	SEALD	473010N	N16999	SEALD	473446	N17702	SEALD	204501
N15655	SEALD	473229	N16254	SEALD	473010	N17035	SEALD	470086	N17707	SEALD	471984
N15677	SEALD	450143	N16284	SEALD	291099	N17037	SEALD	710105	N17714	SEALD	710067
N15692	SEALD	470682	N16286	SEALD	200641	N17038	SEALD	470687	N17716	SEALD	473313
N15699	SEALD	470682	N16289	SEALD	291099	N17053	SEALD	3747	N17718	SEALD	473313
N15707	SEALD	471316	N16314	SEALD	473232	N17100	SEALD	710067	N17722	SEALD	710005
N15730	SEALD	5796	N16315	SEALD	473232	N17106	SEALD	2955	N17726	SEALD	482267
N15746	SEALD	473677	N16322	SEALD	40568S	N17110	SEALD	8121S	N17727	SEALD	6818
N15750	SEALD	3459	N16337	SEALD	481864	N17115	SEALD	6840S	N17746	SEALD	470088
N15761	SEALD	473441	N16362	SEALD	40286	N17142	SEALD	224460	N17750	SEALD	224520
N15766	SEALD	450273	N16364	SEALD	473443	N17145	SEALD	5836	N17751	SEALD	210945
N15773	SEALD	473442	N16406	SEALD	473444	N17146	SEALD	442251	N17752	SEALD	224520
N15779	SEALD	5778	N16422	SEALD	450539	N17149	SEALD	224462	N17753	SEALD	710078

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N17754	SEALD	1012N	N18559	SEALD	2942	N19012	SEALD	5573	N19763	SEALD	4148
N17756	SEALD	455536	N18565	SEALD	350823	N191	SEALD	5591	N19768	SEALD	9406S
N17757	SEALD	1992	N18580	SEALD	472439	N19100	SEALD	710148	N19773	SEALD	3794
N17759	SEALD	1992	N18581	SEALD	472439	N19200	SEALD	1936	N19776	SEALD	4148
N17762	SEALD	1992	N18591	SEALD	40071S	N19210	SEALD	474269	N19778	SEALD	471870
N17767	SEALD	320564	N18592	SEALD	331227H	N19211	SEALD	225010	N19785	SEALD	470543
N17775	SEALD	9845	N18603	SEALD	6985	N19214	SEALD	6815	N19786	SEALD	470543
N17778	SEALD	224570	N18626	SEALD	471868	N19218	SEALD	6815	N19799	SEALD	472341
N17782	SEALD	1979	N18647	SEALD	3946	N19219	SEALD	6815	N19803	SEALD	5113
N17783	SEALD	1979	N18657	SEALD	450117	N19220	SEALD	481195	N19807	SEALD	331107N
N17787	SEALD	714075	N18658	SEALD	472572	N19221	SEALD	6815	N19820	SEALD	5685
N17806	SEALD	321460	N18659	SEALD	42421S	N19223	SEALD	9150S	N19831	SEALD	472492
N17810	SEALD	452742	N18662	SEALD	3946	N19226	SEALD	472319	N19832	SEALD	472492
N17815	SEALD	7607	N18671	SEALD	6712NA	N19229	SEALD	472319	N19834	SEALD	40389S
N17821	SEALD	50266	N18676	SEALD	473179	N19234	SEALD	3173	N19844	SEALD	200881
N17832	SEALD	450269	N18679	SEALD	6712NA	N19236	SEALD	3173	N19848	SEALD	472653
N17836	SEALD	6781	N18690	SEALD	6460S	N19237	SEALD	3173	N19852	SEALD	331301N
N17847	SEALD	450285	N18691	SEALD	6712NA	N19240	SEALD	6988H	N19876	SEALD	6163S
N17849	SEALD	4072N	N18692	SEALD	6712NA	N19244	SEALD	3173	N19880	SEALD	200339
N17909	SEALD	444116	N18693	SEALD	414045	N19264	SEALD	473241	N19882	SEALD	8998
N1800303	SPICE	J1130	N18695	SEALD	414045	N19267	SEALD	710162	N19886	SEALD	472924
N1800303	VIC	J1130	N18697	SEALD	5699	N19273	SEALD	2043	N19887	SEALD	472924
N18009	SEALD	4249	N187	SEALD	5092	N19277	SEALD	8622	N19896	SEALD	472924
N18014	SEALD	224663	N18708	SEALD	5126	N19300	SEALD	472144	N199	SEALD	5092
N18039	SEALD	451817	N18710	SEALD	2689S	N19301	SEALD	472144	N19922	SEALD	472082
N18047	SEALD	203006	N18731	SEALD	9912	N19314	SEALD	3896	N19938	SEALD	205044
N18049	SEALD	5133	N18732	SEALD	483238V	N19350	SEALD	473460	N19969	SEALD	450085
N18050	SEALD	203006	N18733	SEALD	450082	N19359	SEALD	472394	N19970	SEALD	410085
N18055	SEALD	44053	N18734	SEALD	473238	N19360	SEALD	472394	N19992	SEALD	472397
N18100	SEALD	8181NA	N18750	SEALD	473238	N19380	SEALD	473461	N19993	SEALD	472397
N18104	SEALD	472070	N18765	SEALD	5697	N19407	SEALD	473462	N2000	MUSAS	222820
N18127	SEALD	7186S	N18772	SEALD	6064	N19449	SEALD	417474	N20004	SEALD	450301
N18149	SEALD	7600S	N18785	SEALD	450084	N19500	SEALD	5121	N20006	SEALD	40301S
N18159	SEALD	473449	N18808	SEALD	203034	N19510	SEALD	200371	N20044	SEALD	204508
N1816046C2	IH	3894V	N18817	SEALD	473239	N196	SEALD	5095	N20045	SEALD	473463
N18190	SEALD	3604	N18818	SEALD	8165	N19602	SEALD	225005	N20053	SEALD	473463
N18242	SEALD	473450	N18823	SEALD	473239	N19604	SEALD	710098	N20054	SEALD	473463
N18250	SEALD	473450	N18833	SEALD	7044NA	N19605	SEALD	225010	N20065	SEALD	5113
N18264	SEALD	7044NA	N18872	SEALD	473457	N19607	SEALD	473814	N2007	MUSAS	710195
N18276	SEALD	6930	N18881	SEALD	3195	N19608	SEALD	1948	N20070	SEALD	473242
N18408	SEALD	291295	N18888	SEALD	6808N	N19610	SEALD	7751H	N20079	SEALD	412725
N18415	SEALD	6960	N18891	SEALD	9316	N19611	SEALD	225020	N2008	MUSAS	68X82X7
N18425	SEALD	473451	N18899	SEALD	473458	N19615	SEALD	450472	N20098	SEALD	450095
N18444	SEALD	470331N	N18912	SEALD	7216	N19626	SEALD	1974	N201	SEALD	5118
N18450	SEALD	1949	N18916	SEALD	410524	N19630	SEALD	1960	N20100	SEALD	473464
N18465	SEALD	710215	N18922	SEALD	451078	N19640	SEALD	50X72X8	N20109	SEALD	412027
N18490	SEALD	332062	N18962	SEALD	224820	N19641	SEALD	225040	N20118	SEALD	8139
N18492	SEALD	332062	N18963	SEALD	224810	N19643	SEALD	450474	N20124	SEALD	410102
N1851	FORD	471466 <sup>28</sup>	N18964	SEALD	1956	N19644	SEALD	5695	N20125	SEALD	410102
N1851	MID-R	471466 <sup>28</sup>	N18965	SEALD	1973	N19664	SEALD	50X80X8	N20140	SEALD	455253
N18543	SEALD	7934S	N18970	SEALD	1994	N19668	SEALD	225082	N20144	SEALD	487945
N18544	SEALD	2692	N18971	SEALD	710313	N19730	SEALD	4189H	N20148	SEALD	204506
N18545	SEALD	472747	N18972	SEALD	1208	N19743	SEALD	4148	N20154	SEALD	205044
N18546	SEALD	2692	N18973	SEALD	224872	N19745	SEALD	352541	N20168	SEALD	5329
N18548	SEALD	2692	N18974	SEALD	224874	N19748	SEALD	40401	N20210	SEALD	225110
N18549	SEALD	353120	N18990	SEALD	9049N	N19753	SEALD	8871	N20255	SEALD	472924
N18550	SEALD	5458	N18992	SEALD	9449	N19754	SEALD	40401	N2031	MUSAS	223831
N18551	SEALD	5458	N19000	SEALD	8704S	N19757	SEALD	9015S	N2035	MUSAS	222820
N18555	SEALD	482041N	N19010	SEALD	5573	N19760	SEALD	471424	N2036	MUSAS	222430
N18558	SEALD	340823	N19011	SEALD	470548	N19762	SEALD	471424	N2038	MUSAS	1981

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<sup>28</sup>Industrial Size/Type

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N204	SEALD	5116	N2113	MUSAS	710556	N21950	SEALD	415350	N2250	MUSAS	710633
N20420	SEALD	4898	N21134	SEALD	450115	N21953	SEALD	710171	N2251	MUSAS	710072
N20421	SEALD	5700	N21136	SEALD	8650S	N21955	SEALD	2286	N2252	MUSAS	710398
N20424	SEALD	710190	N21159	SEALD	8430S	N2199	MUSAS	710406	N2253	MUSAS	710069
N20425	SEALD	3087	N21163	SEALD	472015	N2200	MUSAS	710407	N22532	SEALD	412920
N20428	SEALD	4990	N21164	SEALD	472015	N22005	SEALD	710169	N22558	SEALD	412920
N2043	MUSAS	225875	N21167	SEALD	412015V	N22020	SEALD	225650	N22565	SEALD	41075S
N20430	SEALD	225225	N21171	SEALD	412015V	N22022	SEALD	710069	N22582	SEALD	411376
N20440	SEALD	225230	N21173	SEALD	472015	N22030	SEALD	4899	N22583	SEALD	411376
N2045	MUSAS	710324	N212	SEALD	5414	N22035	SEALD	710146	N2259	MUSAS	710766
N20450	SEALD	225275	N2121	MUSAS	224045	N2207	MUSAS	221720	N2260	MUSAS	710292
N205	SEALD	5108	N21210	SEALD	473468	N2210	MUSAS	223340	N22614	SEALD	3095
N20500	SEALD	5696	N21211	SEALD	473468	N2211	MUSAS	228410	N22618	SEALD	415234
N20501	SEALD	5700	N21213	SEALD	410308	N2212	MUSAS	223420	N22619	SEALD	415234
N20520	SEALD	484064V	N21234	SEALD	472016	N2214	MUSAS	225650	N2262	MUSAS	239146
N2053	MUSAS	223230	N21245	SEALD	410312N	N2221	MUSAS	710052	N2264	MUSAS	710127
N20538	SEALD	5877	N21265	SEALD	472409	N2222	MUSAS	223542	N22644	SEALD	55337
N20554	SEALD	451948	N21267	SEALD	472409	N22225	SEALD	1984	N22647	SEALD	415254
N20560	SEALD	4162	N21270	SEALD	39302	N2223	MUSAS	1960	N2265	MUSAS	710125
N20586	SEALD	473466	N213	SEALD	5650	N22230	SEALD	710072	N22653	SEALD	722250
N20594	SEALD	472012	N21302	SEALD	473243	N2224	MUSAS	710073	N2266	MUSAS	224052
N20599	SEALD	2822V	N21320	SEALD	450867	N22306	SEALD	341022	N2267	MUSAS	710108
N20608	SEALD	6954S	N2133	MUSAS	221720	N22311	SEALD	722109	N2268	MUSAS	710070
N2062	MUSAS	1173	N21336	SEALD	413469	N22325	SEALD	43034S	N2274	MUSAS	710108
N2063	MUSAS	1979	N2135	MUSAS	710051	N2233	MUSAS	221730	N2276	MUSAS	710177
N20659	SEALD	450311	N21352	SEALD	413470	N22338	SEALD	450441	N2277	MUSAS	710434
N20669	SEALD	5756	N21353	SEALD	413470	N22340	SEALD	471341	N2278	MUSAS	710185
N20674	SEALD	200110	N21358	SEALD	415349	N22353	SEALD	471272	N2279	MUSAS	710071
N20702	SEALD	450096	N2136	MUSAS	222535	N22354	SEALD	471272	N2280	MUSAS	710104
N2074	MUSAS	710184	N21379	SEALD	475080N	N22358	SEALD	410520	N22822	SEALD	225875
N20749	SEALD	450313	N2140	MUSAS	222540	N22359	SEALD	410520	N2283	MUSAS	710598
N208	SEALD	5111S	N21400	SEALD	8312	N22361	SEALD	712250	N22830	SEALD	205035
N2084	MUSAS	1173	N21538	SEALD	450621	N22368	SEALD	40520S	N22835	SEALD	493291
N2087	MUSAS	1167	N2159	MUSAS	228010	N2237	MUSAS	710405	N2284	MUSAS	710132
N2091	MUSAS	710312	N216	SEALD	5072	N22385	SEALD	473473	N2285	MUSAS	710133
N2092	MUSAS	710518	N2160	MUSAS	712006	N22390	SEALD	473473	N2287	MUSAS	710212
N20920	SEALD	41013S	N21620	SEALD	225530	N22391	SEALD	7937N	N22870	SEALD	204035
N20952	SEALD	6590S	N21640	SEALD	55X80X8	N22392	SEALD	473473	N2289	MUSAS	228410
N20965	SEALD	40973S	N2166	MUSAS	224255	N22394	SEALD	7937N	N2290	MUSAS	710122
N2097	MUSAS	1973	N21736	SEALD	450489	N2240	MUSAS	710308	N2291	MUSAS	710123
N20975	SEALD	40973S	N21749	SEALD	472234	N22400	SEALD	471138	N2292	MUSAS	228009
N210	SEALD	39807	N21759	SEALD	472018	N22407	SEALD	471138	N2293	MUSAS	224650
N2100	MUSAS	1188	N21771	SEALD	8974S	N22424	SEALD	410737	N2297	MUSAS	710847
N21041	SEALD	2002	N21775	SEALD	473471	N22425	SEALD	470737N	N2298	MUSAS	225040
N2105	MUSAS	1949	N2178	MUSAS	710316	N22430	SEALD	200763	N2300	MUSAS	710916
N21055	SEALD	6090S	N2180	MUSAS	710458	N2244	MUSAS	710134	N2301	MUSAS	710113
N21061	SEALD	473204	N21808	SEALD	3095	N22440	SEALD	472636	N2302	MUSAS	710113
N21069	SEALD	5589	N21812	SEALD	470354	N22441	SEALD	472636	N2303	MUSAS	710195
N2107	MUSAS	444116	N21814	SEALD	6636S	N22446	SEALD	450316	N23035	SEALD	442874
N21070	SEALD	5589	N21820	SEALD	6186	N22448	SEALD	410316	N2305	MUSAS	223340
N21098	SEALD	450867	N21840	SEALD	473245	N2245	MUSAS	710107	N23061	SEALD	472150
N211	SEALD	5117	N2185	MUSAS	222030	N2246	MUSAS	710319	N23093	SEALD	411394
N2110	MUSAS	1183	N2186	MUSAS	223602	N22468	SEALD	40316S	N2310	MUSAS	710354
N21100	SEALD	470898	N2187	MUSAS	228009	N2247	MUSAS	710128	N2313	MUSAS	225040
N21101	SEALD	40566S	N2188	MUSAS	224020	N2248	MUSAS	710119	N23130	SEALD	5924
N21103	SEALD	6879H	N2189	MUSAS	710415	N22483	SEALD	44052	N2315	MUSAS	710176
N21108	SEALD	470898	N21890	SEALD	412943	N22484	SEALD	454136N	N23152	SEALD	410694
N21110	SEALD	9599S	N21910	SEALD	413472	N2249	MUSAS	710118	N2316	MUSAS	225040
N21111	SEALD	9599S	N21938	SEALD	3103	N22492	SEALD	411253	N23167	SEALD	450133
N21121	SEALD	42101S	N2195	MUSAS	710598	N22493	SEALD	411253	N2317	MUSAS	224266

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N23184	SEALD	416444	N24287	SEALD	411500	N2560	SEALD	240435	N27467	SEALD	415960
N23255	SEALD	416444	N24320	SEALD	413478	N25641	SEALD	415988	N27470	SEALD	415960
N2327	MUSAS	710246	N24340	SEALD	450104	N25661	SEALD	415988	N27471	SEALD	415009
N2328	MUSAS	226018	N24370	SEALD	411245	N25713	SEALD	417481	N27526	SEALD	476574N
N2330	MUSAS	710130	N24445	SEALD	417073	N25745	SEALD	455280	N27541	SEALD	416706
N23300	SEALD	3945	N24459	SEALD	3210	N25748	SEALD	455280	N27565	SEALD	415272N
N2331	MUSAS	710591	N2450	SEALD	343104	N2594	SEALD	350435	N27600	SEALD	416282
N2333	MUSAS	225210	N24635	SEALD	226285	N25968	SEALD	710092	N27601	SEALD	416282
N2334	MUSAS	710124	N24670	SEALD	6575S	N25970	SEALD	411330N	N27642	SEALD	3591
N2341	MUSAS	710479	N24863	SEALD	40555	N25990	SEALD	712598	N27723	SEALD	1021V
N2342	MUSAS	710397	N24865	SEALD	710027	N26110	SEALD	451143	N27725	SEALD	70X88X8
N2343	MUSAS	710397	N24875	SEALD	43290S	N26123	SEALD	450329	N27740	SEALD	227040
N2344	MUSAS	710397	N24880	SEALD	40337S	N26124	SEALD	450329	N27770	SEALD	70X100X13
N23440	SEALD	226020	N24881	SEALD	472029	N26141	SEALD	410708	N28035	SEALD	455005
N23446	SEALD	712006	N24886	SEALD	3942	N26144	SEALD	413248	N28116	SEALD	417485
N2345	MUSAS	224052	N24888	SEALD	5109	N26153	SEALD	413248	N28270	SEALD	411348
N23450	SEALD	4359V	N24889	SEALD	410752	N26163	SEALD	450412	N28275	SEALD	411348
N2348	MUSAS	228410	N24892	SEALD	471271	N26186	SEALD	415483	N28332	SEALD	710075
N2350	MUSAS	710356	N24897	SEALD	471271	N26189	SEALD	455368	N28425	SEALD	2081
N2351	MUSAS	228013	N24898	SEALD	471271	N26190	SEALD	415483	N28654	SEALD	415303
N2359	MUSAS	710363	N24899	SEALD	471271V	N26191	SEALD	475368N	N28656	SEALD	3783
N23600	SEALD	4359V	N24904	SEALD	442380	N26204	SEALD	415458V	N28669	SEALD	417344
N23631	SEALD	3393	N24910	SEALD	471271	N26209	SEALD	455003	N28686	SEALD	417344
N23640	SEALD	41026S	N24911	SEALD	410519	N26211	SEALD	415458	N28687	SEALD	417344
N23641	SEALD	3393	N24913	SEALD	471271V	N26220	SEALD	475003N	N28697	SEALD	455006N
N23644	SEALD	473474	N24914	SEALD	471271V	N26237	SEALD	415458	N28700	SEALD	455006
N23646	SEALD	470565	N24917	SEALD	4250	N26238	SEALD	475458	N28704	SEALD	417344
N23652	SEALD	470565	N24930	SEALD	410496	N26260	SEALD	415458	N28720	SEALD	9864S
N23654	SEALD	470565	N24931	SEALD	410496	N26272	SEALD	3813	N28745	SEALD	417158
N23666	SEALD	473475	N24932	SEALD	410496	N26284	SEALD	417343	N28746	SEALD	417158
N23685	SEALD	483246N	N24949	SEALD	473274N	N26297	SEALD	417343	N28751	SEALD	417158
N23701	SEALD	412119	N24951	SEALD	473274	N26298	SEALD	417343	N28760	SEALD	416921
N23702	SEALD	472856	N24954	SEALD	470605	N26310	SEALD	200392	N28761	SEALD	416921
N23703	SEALD	410101N	N24960	SEALD	415449	N26328	SEALD	415007	N28778	SEALD	416921
N23708	SEALD	412119	N24971	SEALD	415449V	N26354	SEALD	417082	N28790	SEALD	455011
N2371	MUSAS	225005	N24980	SEALD	415449	N26356	SEALD	417082	N28800	SEALD	43086S
N23710	SEALD	412119	N24982	SEALD	415449	N26358	SEALD	712625	N28817	SEALD	417134
N23725	SEALD	442507	N24984	SEALD	3894V	N26368	SEALD	418027	N28830	SEALD	2674
N2373	MUSAS	710442	N24986	SEALD	415449	N26373	SEALD	9773	N28848	SEALD	455144
N23742	SEALD	413247	N24988	SEALD	415147	N26620	SEALD	7780N	N28873	SEALD	5403
N23744	SEALD	200855	N24989	SEALD	415147N	N26747	SEALD	710091	N29223	SEALD	416956
N23755	SEALD	410987	N25007	SEALD	444042	N26761	SEALD	455151	N29260	SEALD	417159
N23756	SEALD	410987	N25028	SEALD	8975S	N26921	SEALD	455008	N29273	SEALD	35949N
N23770	SEALD	416271	N25042	SEALD	415001	N27225	SEALD	710038	N29275	SEALD	35949N
N23779	SEALD	416271	N25043	SEALD	415001	N27268	SEALD	416664	N29316	SEALD	416654
N23782	SEALD	416271	N25065	SEALD	415001N	N27269	SEALD	416664	N29317	SEALD	416654
N23808	SEALD	412861	N25071	SEALD	416273	N27280	SEALD	416664	N29322	SEALD	475012N
N23820	SEALD	415857	N25074	SEALD	416273	N27292	SEALD	475322N	N29384	SEALD	417486
N23839	SEALD	410825	N25075	SEALD	416273	N27293	SEALD	455322V	N29465	SEALD	455356
N23841	SEALD	475380N	N25078	SEALD	200851	N27295	SEALD	475322N	N29471	SEALD	712937
N23844	SEALD	455860	N25082	SEALD	7581H	N27334	SEALD	415984	N29525	SEALD	75X95X10
N23857	SEALD	712375	N25091	SEALD	455079	N27361	SEALD	417316	N29526	SEALD	3698
N23860	SEALD	710006	N25100	SEALD	415082	N27362	SEALD	417316	N29540	SEALD	227550
N23870	SEALD	5487	N25146	SEALD	3136N	N27365	SEALD	415004V	N29675	SEALD	1019
N24097	SEALD	5698	N25160	SEALD	5401	N27368	SEALD	455004	N29862	SEALD	4307V
N24243	DAVEY	410102	N25420	SEALD	65X85X10	N27370	SEALD	417316	N29863	SEALD	476023N
N24255	SEALD	471887	N25430	SEALD	226530	N27377	SEALD	417316	N29865	SEALD	415281N
N24263	SEALD	412040	N25515	SEALD	5123	N27394	SEALD	46997S	N29866	SEALD	417349
N24270	SEALD	412040	N25577	SEALD	415302	N27430	SEALD	2222	N29867	SEALD	476023N
N24286	SEALD	411500	N25587	SEALD	415098N	N27452	SEALD	415009N	N29868	SEALD	3698

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N29870	SEALD	3698	N32332	SEALD	710180	N35042	SEALD	415437	N38703	SEALD	415697
N29871	SEALD	417349	N32344	SEALD	415563	N35062	SEALD	6638S	N38730	SEALD	417366
N29872	SEALD	417349	N32385	SEALD	416470N	N35082	SEALD	455027	N38731	SEALD	417366
N29877	SEALD	455479V	N32392	SEALD	411275V	N35083	SEALD	415027N	N38745	SEALD	455958
N29887	SEALD	455479	N32393	SEALD	476470	N35086	SEALD	417495	N38774	SEALD	456618
N29907	SEALD	415995	N32395	SEALD	415304	N35096	SEALD	415559	N38777	SEALD	456618
N29925	SEALD	415013N	N32396	SEALD	476470	N35098	SEALD	6612S	N39120	SEALD	100X120X12
N29950	SEALD	455995N	N32397	SEALD	415304	N35409	SEALD	229005	N39125	SEALD	231004
N29951	SEALD	455013	N32403	SEALD	411275V	N35412	SEALD	229005	N39245	SEALD	455186
N29952	SEALD	415013	N32412	SEALD	476470	N35556	SEALD	415498	N39275	SEALD	415034
N29968	SEALD	45013S	N32424	SEALD	417181	N35593	SEALD	415711	N39350	SEALD	415263
N30000	SEALD	417351	N32441	SEALD	7208S	N35810	SEALD	9584	N39378	SEALD	370008A
N30033	SEALD	455086	N32448	SEALD	417352	N35905	SEALD	710056	N39385	SEALD	6270
N30055	SEALD	415086N	N32477	SEALD	417352	N36005	SEALD	229210	N39423	SEALD	417506
N30060	SEALD	415962	N32501	SEALD	455137	N36146	SEALD	3909	N39860	SEALD	45187S
N30070	SEALD	417488	N32502	SEALD	415137	N36155	SEALD	417698	N39895	SEALD	455035
N30087	SEALD	455088	N32510	SEALD	417353	N36158	SEALD	456744N	N39922	SEALD	415953
N30095	SEALD	415088	N32540	SEALD	417353	N36177	SEALD	416047	N39923	SEALD	475845
N30098	SEALD	455088V	N32560	SEALD	456305	N36185	SEALD	416047	N39933	SEALD	455035
N30125	SEALD	455019	N32582	SEALD	415023	N36186	SEALD	416047	N39934	SEALD	415035
N30144	SEALD	3592	N32595	SEALD	6584S	N36220	SEALD	415937	N39935	SEALD	710022
N30145	SEALD	3905	N32640	SEALD	5408	N36234	SEALD	39813	N39961	SEALD	345035
N30147	SEALD	710008	N33033	SEALD	455500	N36282	SEALD	370012A	N39975	SEALD	417356
N30148	SEALD	710008	N33073	SEALD	416292	N36314	SEALD	485497	N39975	SEALD	455188
N3050	SEALD	240698	N33136	SEALD	456648	N36363	SEALD	416125	N39997	SEALD	455192
N3060	SEALD	240698	N33412	SEALD	716102	N36364	SEALD	416125	N3A1-10-507	MAZDA	2025
N-3094	SEALD	712022	N33425	SEALD	85X110X12	N36382	SEALD	417499	N3R1-10-507	MAZDA	2025
N-3101	SEALD	712021	N33700	SEALD	415894	N3645	SEALD	311189	N40036	SEALD	416130
N31129	SEALD	45825S	N33701	SEALD	415894	N36740	SEALD	416919N	N400451	SEALD	482126
N31139	SEALD	416404	N33711	SEALD	415894	N3680	SEALD	330385	N40049	SEALD	415036
N31147	SEALD	416404	N33712	SEALD	415894	N3683	SEALD	240385	N400650	SEALD	710045
N31148	SEALD	416404	N33735	SEALD	455165	N3687	SEALD	330385	N40077	SEALD	417507
N31173	SEALD	415156N	N33772	SEALD	417354	N37015	SEALD	717005	N40078	SEALD	417507
N31177	SEALD	416011	N33807	SEALD	455249	N37026	SEALD	4359V	N40082	SEALD	455513
N31189	SEALD	2291	N34120	SEALD	228700	N37030	SEALD	710060	N40108	SEALD	415041
N31203	SEALD	8976S	N34256	SEALD	455499	N3725	SEALD	350156	N40130	SEALD	370036A
N31227	SEALD	416288	N34282	SEALD	417492	N3727	SEALD	350156	N40210	SEALD	370023A
N31228	SEALD	416288	N34283	SEALD	417492	N37330	SEALD	415983N	N40360	SEALD	6864S
N31250	SEALD	417171	N34610	SEALD	3772	N37340	SEALD	2377	N41125	SEALD	455134
N31269	SEALD	417172	N34611	SEALD	3772	N37341	SEALD	2377	N41185	SEALD	415142
N31288	SEALD	5751	N34700	SEALD	2055	N37381	SEALD	415379	N41287	SEALD	415043
N31299	SEALD	416297	N34848	SEALD	45525S	N37388	SEALD	415379	N4152A	WAYNE	471763
N31316	SEALD	416024	N34860	SEALD	416624	N37389	SEALD	415379	N41550	SEALD	9128S
N31333	SEALD	415021	N34861	SEALD	416624	N37393	SEALD	2218	N41751	SEALD	415295
N31353	SEALD	415394	N34868	SEALD	416624	N37395	SEALD	2218	N42419	SEALD	472157
N31378	SEALD	6481S	N34885	SEALD	9339S	N37396	SEALD	455379	N42426	SEALD	455195
N31390	SEALD	5313	N34886	SEALD	455146	N37405	SEALD	3893V	N42427	SEALD	416556
N31506	SEALD	228005	N34887	SEALD	415991	N3751	SEALD	50197S	N42470	SEALD	47150S
N31510	SEALD	80X100X10	N34888	SEALD	455146	N37524	SEALD	713750	N42475	SEALD	415196
N31511	SEALD	228010	N34889	SEALD	415146	N37525	SEALD	416339	N42528	SEALD	416891
N31515	SEALD	228020	N34891	SEALD	415991N	N37532	SEALD	455031	N42573	SEALD	415045
N31517	SEALD	228020	N34967	SEALD	345146	N37533	SEALD	416339	N42616	SEALD	416137
N317	NORDG	450188	N34980	SEALD	370132A	N37565	SEALD	45031S	N43051	SEALD	455197N
N31753	SEALD	3385	N34985	SEALD	417196	N37574	SEALD	415150	N43072	SEALD	455197N
N31758	SEALD	456105	N35012	SEALD	415437	N38040	SEALD	8370S	N43073	SEALD	455197
N31855	SEALD	455336	N3502	CASE	473215 <sup>2B</sup>	N38220	SEALD	455189	N43310	SEALD	110X130X12
N31870	SEALD	6358	N35020	SEALD	415437	N38653	SEALD	417210	N43311	SEALD	325776
N31955	SEALD	455022	N35029	SEALD	455173	N38669	SEALD	417211	N4355	SEALD	6863S
N32301	SEALD	228480	N3503	CASE	450765 <sup>2B</sup>	N38691	SEALD	416345	N43691	SEALD	416380
N32304	SEALD	228480	N35040	SEALD	476424N	N38692	SEALD	416345	N43751	SEALD	415047

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N43762	SEALD	370048A	N49928	SEALD	415725	N550243	SEALD	1167	N62535	SEALD	417562
N43795	SEALD	6635S	N49929	SEALD	415725	N550244	SEALD	470460	N6280	SEALD	471264
N43820	SEALD	415060	N49935	SEALD	39801	N550246	SEALD	471831	N6285D	JOHND	470548
N4478	DIA	415697 <sup>28</sup>	N49966	SEALD	416865	N550247	SEALD	1217	N6285D	JOHND	470625 <sup>28</sup>
N4478	DIA	455547	N49985	SEALD	416865	N550251	SEALD	1994	N62C204	CONTI	470543
N44913	SEALD	327303	N49998	SEALD	416865	N550253	SEALD	224235	N62C204	CONTI	474272 <sup>28</sup>
N44920	SEALD	417530	N5001	PAYEN	3476	N550258	SEALD	224235	N6315	SEALD	471264
N44959	SEALD	416888	N50070	SEALD	204509	N550259	SEALD	224025	N6316	SEALD	471264
N44967	SEALD	455200	N50130	SEALD	417278	N550270	SEALD	1174	N6323	SEALD	41264S
N44968	SEALD	416888	N50148	SEALD	417541	N550285	SEALD	482126	N6370	SEALD	240023
N450155	SEALD	471760	N50167	SEALD	8126S	N55044	DOMGA	472341 <sup>28</sup>	N6372	SEALD	471255
N45032	SEALD	416153	N5046	SEALD	471526	N5510	SEALD	313156	N6373	SEALD	471255
N45069	SEALD	416892	N5062	SEALD	471526	N55175	SEALD	370120A	N63733	SEALD	417563
N45070	SEALD	416892	N5066	SEALD	471526	N55180	SEALD	8635S	N63734	SEALD	417563
N45140	SEALD	416070	N5068	SEALD	471526	N5522	SEALD	314259	N6386	SEALD	471564
N45150	SEALD	415351	N5085	SEALD	471526	N5541	SEALD	472705	N6404	SEALD	221607
N45220	SEALD	115X140X12	N5089	CASE	471808 <sup>28</sup>	N5586	CASE	240735	N6410	SEALD	16X28X7
N46144	SEALD	416156	N5091	CASE	450984	N5587	CASE	350414	N6418	SEALD	221620
N46200	SEALD	415371	N5124	PAYEN	3476	N5587	CASE	472311 <sup>28</sup>	N64994	SEALD	415294
N46285	SEALD	416158	N51240	SEALD	416557	N5606	SEALD	472705	N65036	SEALD	416229
N46395	SEALD	7700S	N51248	SEALD	417546	N56101	SEALD	417555	N65037	SEALD	416229
N4641	SEALD	320457	N5133	SEALD	471472	N56136	SEALD	417556	N6521	SEALD	481528
N46800	SEALD	415284	N515	SEALD	5MR71	N56160	SEALD	417040	N6556	SEALD	481073
N46865	SEALD	6329S	N5150	SEALD	471549	N5652	SEALD	471281	N6580	SEALD	481397
N46920	SEALD	45637S	N5177	JOHND	470163	N5662	SEALD	471281	N6610	SEALD	17X28X7
N46970	SEALD	417537	N5177	JOHND	471766 <sup>28</sup>	N56B206	CONTI	412473 <sup>28</sup>	N6611	SEALD	221710
N4707	SEALD	12X22X7	N5178D	JOHND	350414	N56B206	CONTI	415894	N662	SEALD	5MR1008
N4710	SEALD	12X22X7	N5178D	JOHND	472311 <sup>28</sup>	N5707	SEALD	471535	N6620	SEALD	17X30X7
N47230	SEALD	120X145X12	N52445	SEALD	417262	N57510	SEALD	417362	N6622	SEALD	481481
N47382	SEALD	415138	N52445	SEALD	455448	N57521	SEALD	416666	N66241	SEALD	417298
N47394	SEALD	415138	N52475	SEALD	447060	N5800	SEALD	15X24X7	N663	SEALD	5MR1009
N47395	SEALD	415138	N52488	SEALD	415645	N5803	SEALD	221510	N6630	SEALD	17X32X7
N47426	SEALD	415138	N528	SEALD	5M89	N5804	SEALD	221510	N6640	SEALD	17X35X7
N47474	SEALD	417247	N53701	SEALD	415938	N5820	SEALD	15X30X7	N6660	SEALD	17X40X7
N47475	SEALD	417247	N53790	SEALD	3292	N58716	SEALD	416476	N671	SEALD	5MR1300
N47583	SEALD	415066	N5413	SEALD	710116	N5926	SEALD	471532	N6720	SEALD	3667
N47660	SEALD	6663S	N54929	SEALD	6872S	N5946	SEALD	471532	N6741	SEALD	471529
N48065	SEALD	455251H	N54931	SEALD	417254	N596	SEALD	5M403	N67515	SEALD	415327
N48693	SEALD	455091	N54960	SEALD	416107	N5966	SEALD	471558	N67533	SEALD	417596
N48726	SEALD	417267	N54972	SEALD	416107	N59999	SEALD	2297V	N6762	SEALD	474261
N48769	SEALD	417269	N55008	DOMGA	321460	N60000	SEALD	39807	N6763	SEALD	474261
N48882	SEALD	370005A	N550115	SEALD	473234	N60004	SEALD	417365	N6765	SEALD	8773S
N48883	SEALD	7866S	N550154	SEALD	1012N	N60016	SEALD	415072	N6767	SEALD	8773S
N48886	SEALD	370057A	N550158	SEALD	225230	N60027	SEALD	415072	N68016	SEALD	JV753
N49050	SEALD	370003A	N550185	SEALD	473455	N60028	SEALD	415072	N6806	SEALD	8773S
N4911	SEALD	342805	N550193	SEALD	226020	N6120	SEALD	340849	N6816	SEALD	471553
N4912	SEALD	8792S	N550199	SEALD	224045	N61210	SEALD	455330	N68745	SEALD	455584
N49210	SEALD	231250	N550217	SEALD	1174	N6125	SEALD	343105	N6920	SEALD	471553
N4923	SEALD	312196	N550219	SEALD	32X58X8	N61255	SEALD	457874	N6935	SEALD	471579
N49251	SEALD	417539	N550220	SEALD	224045	N6130	SEALD	7399S	N7000	SEALD	221820
N49301	SEALD	417273	N550223	SEALD	1173	N6141	SEALD	7188S	N70016	SEALD	416364
N4931	SEALD	330699	N550224	SEALD	1167	N6143	SEALD	7188S	N70026	SEALD	417597
N4938	SEALD	43080S	N550228	SEALD	1183	N6152	SEALD	314267N	N7003	SEALD	710222
N-4940	SEALD	712019	N550229	SEALD	224235	N61840	SEALD	455583N	N7005	SEALD	18X32X8
N4980	SEALD	471442V	N550230	SEALD	224045	N619	SEALD	5M466	N70052	SEALD	416239
N4985	SEALD	471442	N550231	SEALD	223542	N62000	SEALD	2628	N7005B	FORD	480491
N4988	SEALD	471442	N550233	SEALD	223542	N62001	SEALD	5613	N7006	SEALD	710156
N4990	SEALD	471442	N550237	SEALD	224210	N6215	SEALD	471466V	N7007	SEALD	710154
N49920	SEALD	3492V	N550238	SEALD	1959	N-6229	SEALD	712024	N70080	SEALD	416239
N49927	SEALD	39801	N550242	SEALD	1956	N62495	SEALD	455480	N711818	SEALD	722108

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<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N711822	SEALD	710044	N8017	SEALD	471539	N9706	SEALD	712007	N99162	SEALD	99162
N71245	SEALD	416077	N8019	SEALD	450431	N9710	SEALD	25X36X7	N99166	SEALD	99166
N7172D	JOHND	473227	N8060	SEALD	471231	N9715	SEALD	320603	N99168	SEALD	99168
N7174D	JOHND	471795	N8088	SEALD	474253	N9720	SEALD	222535	N99169	SEALD	99169
N7210	SEALD	19X32X8	N816123	WGEAR	40401	N9725	SEALD	222540	N99170	SEALD	99170
N7251	SEALD	710154	N8178	SEALD	471645V	N9727	SEALD	222540	N99171	SEALD	99171
N72539	SEALD	415116	N8215	SEALD	471686	N9745	SEALD	25X47X7	N99172	SEALD	99172
N7361D	JOHND	472560N <sup>28</sup>	N82560	SEALD	415124	N9760	SEALD	25X52X7	N99174	SEALD	99174
N7361D	JOHND	50151S	N85009	SEALD	417603	N-9805	SEALD	712012	N99175	SEALD	99175
N73745	SEALD	455117	N85015	SEALD	417604	N9815	SEALD	240731	N99176	SEALD	99176
N7412	SEALD	7214	N85085	SEALD	416394	N9818	SEALD	342517	N99177	SEALD	99177
N7413	SEALD	240816	N8510	SEALD	22X32X7	N9820	SEALD	441130	N99179	SEALD	99179
N7414	SEALD	7750	N8550	SEALD	222240	N9826	SEALD	252277	N99181	SEALD	99181
N7415	SEALD	343185	N8620	SEALD	240733	N9835	SEALD	350414	N99186	SEALD	99186
N-7434	SEALD	712027	N8625	SEALD	5976S	N9837	SEALD	350414	N99187	SEALD	99187
N7439	SEALD	470954	N8627	SEALD	7840S	N9838	SEALD	350414	N99189	SEALD	99189
N7440	SEALD	6835S	N8632	SEALD	7014S	N-9843	SEALD	712016	N99193	SEALD	99193
N7443	SEALD	470954	N8637	SEALD	340413	N9852	SEALD	471224	N99196	SEALD	99196
N-7449	SEALD	712014	N8645	SEALD	340413	N9876	SEALD	470120	N99199	SEALD	99199
N7450	SEALD	470954V	N8646	SEALD	471267V	N9878	SEALD	471224	N99200	SEALD	99200
N7464	SEALD	350954	N8648	SEALD	471267	N9879	SEALD	471224V	N99205	SEALD	99205
N7465	SEALD	6835S	N-8665	SEALD	712015	N9889	SEALD	6847S	N99210	SEALD	99210
N7474	SEALD	480821	N8677	SEALD	440131	N9894	SEALD	471270	N99212	SEALD	99212
N7475	SEALD	7013S	N8691	SEALD	712270	N9900	SEALD	343123	N99215	SEALD	99215
N7478	SEALD	470954	N8700	SEALD	471570	N9903	SEALD	473380	N99218	SEALD	99218
N7481	SEALD	7013S	N8702	SEALD	471570	N99049	SEALD	99049	N99225	SEALD	99225
N75030	SEALD	415867	N8707	SEALD	471570V	N99059	SEALD	99059	N99226	SEALD	99226
N7504	HU-WR	415138 <sup>28</sup>	N8741	SEALD	471570	N99060	SEALD	99060	N99230	SEALD	99230
N75050	SEALD	415551	N8748	SEALD	471570	N99062	SEALD	99062	N99231	SEALD	99231
N7512	SEALD	470027	N8763	SEALD	471633	N99068	SEALD	99068	N99233	SEALD	99233
N7513	SEALD	471554	N8772	SEALD	471633	N9907	SEALD	473380	N99235	SEALD	99235
N7515	SEALD	471554V	N8796	SEALD	471646	N99076	SEALD	99076	N99236	SEALD	99236
N7535	HU-WR	470358	N8821	SEALD	470590	N99078	SEALD	99078	N99237	SEALD	99237
N7535	HU-WR	473231	N8842	SEALD	471137	N99085	SEALD	99085	N99238	SEALD	99238
N7536	SEALD	471554	N8860	SEALD	471730	N99087	SEALD	99087	N99240	SEALD	99240
N7538	SEALD	481443	N8870	SEALD	470645	N99096	SEALD	99096	N99243	SEALD	99243
N7571	SEALD	471567	N90006	SEALD	55301S	N99098	SEALD	99098	N99248	SEALD	99248
N7572	SEALD	471567	N90036	SEALD	415090	N99100	SEALD	99101	N99250	SEALD	99250
N7573	SEALD	471567	N9005	SEALD	710254	N99103	SEALD	99103	N99253	SEALD	99253
N7591	SEALD	471498	N902 15 01	JPAT	710743	N99106	SEALD	99106	N99254	SEALD	99254
N76255	SEALD	417598	N902 15 02	JPAT	710746	N99111	SEALD	99111	N99256	SEALD	99256
N7627	SEALD	471643	N902 15 03	JPAT	710744	N99112	SEALD	99112	N99259	SEALD	99259
N7628	SEALD	471643	N920225	LUF	450070	N99114	SEALD	99114	N99260	SEALD	99260
N7636	SEALD	471684	N920225	LUF	472185 <sup>28</sup>	N99118	SEALD	99118	N99261	SEALD	99261
N7661	SEALD	473406	N9243	SEALD	340787	N99125	SEALD	99125	N99262	SEALD	99262
N7690	SEALD	470390	N92536	SEALD	415219	N99128	SEALD	99128	N99267	SEALD	99267
N77540	SEALD	455406	N9298	SEALD	471571	N99129	SEALD	99129	N99269	SEALD	99269
N7829	SEALD	481443	N9303	SEALD	471571	N99131	SEALD	99131	N99272	SEALD	99272
N7831	SEALD	481443	N9307	SEALD	471647	N99133	SEALD	99133	N99273	SEALD	99273
N7841	CASE	370094A	N9347	SEALD	472951	N99138	SEALD	99138	N99274	SEALD	99274
N7849	SEALD	481568	N9409	SEALD	450039	N99139	SEALD	99139	N99275	SEALD	99275
N7872	SEALD	481644	N9500	SEALD	24X35X7	N99143	SEALD	99143	N99276	SEALD	99276
N7905	SEALD	222025	N95062	SEALD	417606	N99144	SEALD	99144	N99281	SEALD	99281
N7940	SEALD	20X40X7	N9515	SEALD	222430	N99146	SEALD	99146	N99282	SEALD	99282
N7950	SEALD	20X42X10	N9613	SEALD	451583	N99147	SEALD	99147	N99286	SEALD	99286
N7965	SEALD	20X47X7	N9646	SEALD	471648	N99149	SEALD	99149	N99287	SEALD	99287
N79997	SEALD	417600	N9663	SEALD	8059S	N99150	SEALD	99150	N99290	SEALD	99290
N80010	SEALD	417601	N9664	SEALD	8059S	N99155	SEALD	99155	N99291	SEALD	99291
N80037	SEALD	417602	N9667	SEALD	471688	N99156	SEALD	99156	N99293	SEALD	99293
N80038	SEALD	417602	N-9700	SEALD	712018	N99157	SEALD	99157	N99294	SEALD	99294

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
N99296	SEALD	99296	N99606	SEALD	99606	NA5174	PAYEN	710799	NB699	PAYEN	3771
N99298	SEALD	99298	N99625	SEALD	99625	NA5178	PAYEN	710790	NB700	PAYEN	710824
N99299	SEALD	99299	N99630	SEALD	99630	NA5179	PAYEN	710788	NB701	PAYEN	710232
N99300	SEALD	99300	N99650	SEALD	99650	NA5226	PAYEN	710236	NB714	PAYEN	710580
N99303	SEALD	99303	N-9967	SEALD	712013	NA5242	PAYEN	224053	NB716	PAYEN	710618
N99311	SEALD	99311	N99675	SEALD	99675	NA5246	PAYEN	2012V	NB732	PAYEN	227409
N99312	SEALD	99312	N99700	SEALD	99700	NA5248	PAYEN	710764	NB735	PAYEN	224052
N99313	SEALD	99313	N99750	SEALD	99750	NA5263	PAYEN	710714	NB785	PAYEN	28X38X7
N99315	SEALD	99315	N99787	SEALD	99787	NA5266	PAYEN	710288	NB792	PAYEN	710403
N99322	SEALD	99322	N9982	SEALD	471689V	NA5268	PAYEN	710290	NB806	PAYEN	710237
N99324	SEALD	99324	N9995	SEALD	471689	NA5289	PAYEN	710526	NB884	PAYEN	710613
N99325	SEALD	99325	N9998	SEALD	471689	NA5310	PAYEN	711001	NB953	PAYEN	227530
N99331	SEALD	99331	NA01-27-165	MAZDA	100552	NA5320	PAYEN	710608	NB958	PAYEN	710550
N99333	SEALD	99333	NA01-27-165A	MAZDA	100552	NA5322	PAYEN	223220	NB970	PAYEN	710288
N99334	SEALD	99334	NA01-27-238	MAZDA	710429	NA5323	PAYEN	713771	NB973	PAYEN	710289
N99337	SEALD	99337	NA132	PAYEN	472397 <sup>28</sup>	NA5329	PAYEN	710279	NB974	PAYEN	710288
N99339	SEALD	99339	NA151	PAYEN	223800	NA5334	PAYEN	710697	NB975	PAYEN	710288
N9934	SEALD	470219	NA174	PAYEN	330663	NA5335	PAYEN	710574	NC048	PAYEN	710642
N99340	SEALD	99340	NA271	PAYEN	451948	NA5337	PAYEN	710747	NC065	PAYEN	223005
N99347	SEALD	99347	NA296	PAYEN	473210	NA5338	PAYEN	223235	NCA1190A	FORD	7381S
N99349	SEALD	99349	NA297	PAYEN	710058	NA5344	PAYEN	1990	NCA1237BA	JAGUA	231004
N9935	SEALD	471649	NA300	PAYEN	450154	NA5349	PAYEN	711007	NCA4251B	FORD	415449 <sup>28</sup>
N99350	SEALD	99350	NA328	PAYEN	451857	NA5365	PAYEN	710217	NCA4251B	FORD	455147
N99351	SEALD	99351	NA329	PAYEN	470358	NA5366	PAYEN	710630	NCA4676A	FORD	473228 <sup>28</sup>
N99354	SEALD	99354	NA354	PAYEN	471870 <sup>28</sup>	NA5367	PAYEN	710445	NCB42332	FORD	450118
N99356	SEALD	99356	NA355	PAYEN	224045	NA5368	PAYEN	710834	NCB42332	FORD	473449
N99362	SEALD	99362	NA378	PAYEN	225040	NA5369	PAYEN	710451	NCB-4233A	FORD	450285
N99363	SEALD	99363	NA425	PAYEN	1960	NA5390	PAYEN	710183	ND14285	GMC	417362 <sup>28</sup>
N99364	SEALD	99364	NA453	PAYEN	1174	NA5405	PAYEN	710146	ND2237A	FAIRB	471762 <sup>28</sup>
N99367	SEALD	99367	NA461	PAYEN	1012N	NA5442	PAYEN	710876	ND542A	FAIRB	415551
N99368	SEALD	99368	NA473	PAYEN	472655	NA5443	PAYEN	710456	NDA7048A	FORD	450389
N99369	SEALD	99369	NA5001	PAYEN	3476	NA5444	PAYEN	710554	NDA7048A	FORD	472492 <sup>28</sup>
N99372	SEALD	99372	NA5016	PAYEN	1172	NA5445	PAYEN	710635	NDA77086A	FORD	473445
N99374	SEALD	99374	NA5017	PAYEN	710669	NA551	PAYEN	350936	NF013	PAYEN	221540
N99376	SEALD	99376	NA5018	PAYEN	1172	NA559	PAYEN	1174	NF020	PAYEN	222240
N99387	SEALD	99387	NA5047	PAYEN	223035	NA581	PAYEN	710190	NF029	PAYEN	223831
N99393	SEALD	99393	NA5062	PAYEN	227409	NA582	PAYEN	3774	NF037	PAYEN	1012N
N99395	SEALD	99395	NA5067	PAYEN	228480	NA611	PAYEN	415001N	NF072	PAYEN	710681
N99399	SEALD	99399	NA5069	PAYEN	710127	NA727	PAYEN	228010	NF200	PAYEN	223005
N99401	SEALD	99401	NA5074	PAYEN	710812	NA736	PAYEN	712250	NF331	PAYEN	222820
N99413	SEALD	99413	NA5087	PAYEN	710553	NA748	PAYEN	455368	NF4A3044B9	FAIRB	411253 <sup>28</sup>
N99423	SEALD	99423	NA5088	PAYEN	710676	NA764	PAYEN	483246N	NF4A3044B9	FAIRB	450099
N99424	SEALD	99424	NA5090	PAYEN	710465	NA869	PAYEN	710803	NF637	PAYEN	716484
N99435	SEALD	99435	NA5103	PAYEN	710127	NA965	PAYEN	3341	NF857	PAYEN	710761
N99437	SEALD	99437	NA5104	PAYEN	229005	NAA4676A	FORD	473215 <sup>28</sup>	NJ001	PAYEN	227045
N99450	SEALD	99450	NA5105	PAYEN	716484	NB291	PAYEN	710180	NJ002	PAYEN	1177
N99452	SEALD	99452	NA5106	PAYEN	710618	NB312	CEW	228010	NJ003	PAYEN	1959
N99463	SEALD	99463	NA5108	PAYEN	224200	NB384	PAYEN	224020	NJ004	PAYEN	712006
N99468	SEALD	99468	NA512	PAYEN	471854 <sup>28</sup>	NB431	PAYEN	229005	NJ005	PAYEN	224460
N99472	SEALD	99472	NA5124	PAYEN	3476	NB432	PAYEN	223542	NJ006	PAYEN	227235
N99473	SEALD	99473	NA5132	PAYEN	231003	NB446	PAYEN	3476	NJ007	PAYEN	224465
N99475	SEALD	99475	NA5133	PAYEN	716102	NB481	PAYEN	224235	NJ008	PAYEN	227235
N99492	SEALD	99492	NA5136	PAYEN	223020	NB564	PAYEN	3393	NJ009	PAYEN	1188
N99494	SEALD	99494	NA5137	PAYEN	711002	NB567	PAYEN	1962	NJ011	PAYEN	224015
N99498	SEALD	99498	NA5138	PAYEN	710790	NB584	PAYEN	450867	NJ-012	PAYEN	710383
N99499	SEALD	99499	NA5139	PAYEN	320348	NB610	PAYEN	472439	NJ014	PAYEN	225020
N99525	SEALD	99525	NA5140	PAYEN	710894	NB644	PAYEN	227409	NJ015	PAYEN	224015
N99549	SEALD	99549	NA5143	PAYEN	710520	NB645	PAYEN	3771	NJ017	PAYEN	1176
N99599	SEALD	99599	NA5157	PAYEN	223750	NB697	PAYEN	710399	NJ018	PAYEN	710345
N9960	SEALD	474250	NA5168	PAYEN	710813	NB698	PAYEN	228008	NJ022	PAYEN	223831

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<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
NJ023	PAYEN	224210	NJ140	PAYEN	226150	NJ223	PAYEN	710862	NJ387	PAYEN	1974
NJ024	PAYEN	471847N	NJ141	PAYEN	226610	NJ233	PAYEN	227045	NJ391	PAYEN	710421
NJ025	PAYEN	224570	NJ142	PAYEN	710178	NJ239	PAYEN	225040	NJ393	PAYEN	710088
NJ026	PAYEN	712007	NJ143	PAYEN	221510	NJ240	PAYEN	4359V	NJ-394	PAYEN	710373
NJ030	PAYEN	228010	NJ144	PAYEN	222340	NJ242	PAYEN	3771	NJ395	PAYEN	226530
NJ033	PAYEN	1174	NJ146	PAYEN	226530	NJ243	PAYEN	710345	NJ397	PAYEN	710763
NJ035	PAYEN	32X58X8 <sup>28</sup>	NJ149	PAYEN	223050	NJ251	PAYEN	228005	NJ399	PAYEN	223014
NJ040	PAYEN	228020	NJ150	PAYEN	221820	NJ252	PAYEN	223018	NJ400	PAYEN	710184
NJ041	PAYEN	1992	NJ151	PAYEN	223051	NJ254	PAYEN	222743	NJ405	PAYEN	224045 <sup>29</sup>
NJ042	PAYEN	224874	NJ152	PAYEN	223550	NJ255	PAYEN	221710	NJ414	PAYEN	224045
NJ043	PAYEN	712011	NJ153	PAYEN	710634	NJ265	PAYEN	228480	NJ415	PAYEN	710051
NJ044	PAYEN	227550	NJ154	PAYEN	229004	NJ266	PAYEN	712005	NJ416	PAYEN	223230
NJ050	PAYEN	710196	NJ155	PAYEN	5685	NJ267	PAYEN	224205	NJ417	PAYEN	
NJ051	PAYEN	1183	NJ157	PAYEN	5685	NJ268	PAYEN	223240	130X150X10 <sup>28</sup>		
NJ055	PAYEN	231004	NJ158	PAYEN	710060	NJ269	PAYEN	710271	NJ417	PAYEN	710556
NJ056	PAYEN	228010	NJ159	PAYEN	710282	NJ270	PAYEN	712008	NJ420	PAYEN	710371
NJ057	PAYEN	224840	NJ160	PAYEN	710722	NJ274	PAYEN	223542	NJ424	PAYEN	227040
NJ058	PAYEN	228005	NJ161	PAYEN	710314	NJ276	PAYEN	1012N	NJ425	PAYEN	710278
NJ060	PAYEN	228480	NJ163	PAYEN	710838	NJ280	PAYEN	223340	NJ428	PAYEN	494123
NJ062	PAYEN	226285	NJ164	PAYEN	1147	NJ284	PAYEN	228411	NJ429	PAYEN	225010
NJ064	PAYEN	1959	NJ165	PAYEN	4901	NJ285	PAYEN	223420	NJ-433	PAYEN	227550
NJ068	PAYEN	1955	NJ166	PAYEN	224066	NJ286	PAYEN	223602	NJ436	PAYEN	223220
NJ069	PAYEN	1948	NJ167	PAYEN	224063	NJ287	PAYEN	228009	NJ437	PAYEN	710076
NJ070	PAYEN	710649	NJ168	PAYEN	224068	NJ288	PAYEN	224020	NJ438	PAYEN	221820
NJ071	PAYEN	1956	NJ169	PAYEN	3459	NJ297	PAYEN	225875	NJ444	PAYEN	221922
NJ072	PAYEN	710329	NJ170	PAYEN	710298	NJ300	PAYEN	228020	NJ446	PAYEN	228700
NJ077	PAYEN	1953	NJ172	PAYEN	710868	NJ307	PAYEN	25X45X8	NJ448	PAYEN	223012
NJ078	PAYEN	1188	NJ173	PAYEN	225885	NJ311	PAYEN	710331	NJ449	PAYEN	710308
NJ080	PAYEN	710324	NJ-175	PAYEN	3543	NJ312	PAYEN	228015	NJ452	PAYEN	2007N
NJ081	PAYEN	1973	NJ177	PAYEN	2012V	NJ313	PAYEN	320595	NJ453	PAYEN	1987
NJ084	PAYEN	222430	NJ178	PAYEN	1932	NJ314	PAYEN	28X48X8	NJ454	PAYEN	1981
NJ088	PAYEN	1196	NJ179	PAYEN	224235	NJ321	PAYEN	222860	NJ456	PAYEN	1012N
NJ089	PAYEN	1213N	NJ181	PAYEN	710404	NJ322	PAYEN	710060	NJ464	PAYEN	1943
NJ090	PAYEN	710320	NJ182	PAYEN	223543 <sup>28</sup>	NJ323	PAYEN	224025	NJ465	PAYEN	710087
NJ091	PAYEN	1994	NJ183	PAYEN	710199	NJ324	PAYEN	223420	NJ466	PAYEN	710275
NJ092	PAYEN	473823	NJ184	PAYEN	226018	NJ325	PAYEN	229010	NJ467	PAYEN	710084
NJ096	PAYEN	223830	NJ186	PAYEN	710633	NJ336	PAYEN	710310	NJ468	PAYEN	710085
NJ098	PAYEN	717005	NJ187	PAYEN	710122	NJ339	PAYEN	222340	NJ471	PAYEN	224020
NJ099	PAYEN	227020	NJ188	PAYEN	710123	NJ341	PAYEN	1038	NJ474	PAYEN	225230
NJ100	PAYEN	473179 <sup>28</sup>	NJ190	PAYEN	224026	NJ342	PAYEN	1021V	NJ479	PAYEN	710277
NJ101	PAYEN	473812	NJ191	PAYEN	710133	NJ343	PAYEN	1019	NJ484	PAYEN	1990
NJ102	PAYEN	710318	NJ-192	PAYEN	710397	NJ344	PAYEN	1953	NJ492	PAYEN	224510
NJ104	PAYEN	1950	NJ193	PAYEN	710246	NJ346	PAYEN	229010	NJ493	PAYEN	494122
NJ106	PAYEN	224045 <sup>29</sup>	NJ195	PAYEN	222745	NJ347	PAYEN	223801	NJ494	PAYEN	223550
NJ107	PAYEN	444116	NJ198	PAYEN	710240	NJ349	PAYEN	223235	NJ495	PAYEN	710317
NJ113	PAYEN	8X14X4	NJ199	PAYEN	4904	NJ353	PAYEN	1987	NJ503	PAYEN	227020
NJ117	PAYEN	1167	NJ200	PAYEN	710644	NJ354	PAYEN	710765	NJ510	PAYEN	60X82X7
NJ118	PAYEN	222535	NJ201	PAYEN	224210	NJ358	PAYEN	1953	NJ511	PAYEN	710518
NJ119	PAYEN	222540	NJ202	PAYEN	713771	NJ360	PAYEN	228013	NJ512	PAYEN	228025
NJ122	PAYEN	224270	NJ203	PAYEN	1209	NJ367	PAYEN	8316	NJ519	PAYEN	1981
NJ125	PAYEN	710070	NJ206	PAYEN	223800	NJ368	PAYEN	223340	NJ519	PAYEN	223014 <sup>29</sup>
NJ127	PAYEN	710642	NJ208	PAYEN	710228	NJ373	PAYEN	710325	NJ520	PAYEN	710070
NJ128	PAYEN	224870	NJ209	PAYEN	710194	NJ374	PAYEN	70X100X13	NJ521	PAYEN	710319
NJ129	PAYEN	494123	NJ210	PAYEN	1217	NJ377	PAYEN	710310	NJ525	PAYEN	68X90X10
NJ130	PAYEN	225220	NJ213	PAYEN	710118	NJ378	PAYEN	710334	NJ526	PAYEN	494117
NJ132	PAYEN	710125	NJ215	PAYEN	710765	NJ381	PAYEN	710332	NJ527	PAYEN	224250
NJ133	PAYEN	710127	NJ216	PAYEN	710352	NJ382	PAYEN	1979	NJ536	PAYEN	710311
NJ-134	PAYEN	712008	NJ217	PAYEN	710112	NJ383	PAYEN	710081	NJ537	PAYEN	4990
NJ136	PAYEN	710182	NJ219	PAYEN	225230	NJ384	PAYEN	1973	NJ538	PAYEN	229522
NJ139	PAYEN	225673	NJ220	PAYEN	710247	NJ386	PAYEN	2002	NJ539	PAYEN	225010

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
NJ540	PAYEN	4989	NJ661	PAYEN	710092	NJ807	PAYEN	220860	NJ928	PAYEN	710296
NJ541	PAYEN	2003N <sup>28</sup>	NJ662	PAYEN	1975	NJ808	PAYEN	710323	NJ933	PAYEN	713771
NJ551	PAYEN	1986	NJ663	PAYEN	3622	NJ809	PAYEN	1973	NJ934	PAYEN	222540
NJ557	PAYEN	224820	NJ665	PAYEN	710098	NJ811	PAYEN	224235	NJ939	PAYEN	710089
NJ558	PAYEN	228010	NJ674	PAYEN	229005	NJ814	PAYEN	710727	NJ940	PAYEN	224045 <sup>29</sup>
NJ559	PAYEN	223235	NJ675	PAYEN	228008	NJ815	PAYEN	8316	NJ941	PAYEN	710167
NJ562	PAYEN	224820	NJ676	PAYEN	473258 <sup>28</sup>	NJ818	PAYEN	1994	NJ942	PAYEN	710081
NJ563	PAYEN	223605	NJ677	PAYEN	17X27X7	NJ821	PAYEN	471076	NJ943	PAYEN	228480
NJ564	PAYEN	1960	NJ679	PAYEN	710309	NJ822	PAYEN	224100	NJ944	PAYEN	474133
NJ568	PAYEN	710086	NJ684	PAYEN	710195	NJ823	PAYEN	224255	NJ948	PAYEN	710401
NJ569	PAYEN	474133	NJ687	PAYEN	710319	NJ824	PAYEN	225082	NJ949	PAYEN	225875
NJ571	PAYEN	710080	NJ688	PAYEN	710124	NJ825	PAYEN	225230	NJ951	PAYEN	710415
NJ574	PAYEN	1992	NJ689	PAYEN	710134	NJ828	PAYEN	68X82X7 <sup>28</sup>	NJ952	PAYEN	222820
NJ575	PAYEN	1173	NJ690	PAYEN	2003N <sup>28</sup>	NJ832	PAYEN	222030	NJ957	PAYEN	710405
NJ577	PAYEN	224015	NJ692	PAYEN	225650	NJ833	PAYEN	225040	NJ960	PAYEN	222030
NJ578	PAYEN	225005	NJ694	PAYEN	225650	NJ838	PAYEN	710464	NJ961	PAYEN	350572
NJ580	PAYEN	1984	NJ695	PAYEN	710072	NJ841	PAYEN	710406	NJ962	PAYEN	223215
NJ582	PAYEN	717004	NJ701	PAYEN	1948	NJ843	PAYEN	473823	NJ963	PAYEN	221820
NJ585	PAYEN	710268	NJ703	PAYEN	222655	NJ846	PAYEN	710233	NJ965	PAYEN	223240
NJ587	PAYEN	1174	NJ704	PAYEN	710110	NJ847	PAYEN	225230	NJ969	PAYEN	6X22X7
NJ591	PAYEN	710325	NJ705	PAYEN	710109	NJ848	PAYEN	710230	NJ978	PAYEN	224660
NJ592	PAYEN	223605	NJ706	PAYEN	223802	NJ849	PAYEN	222630	NJ982	PAYEN	1120
NJ593	PAYEN	1176	NJ707	PAYEN	223830	NJ854	PAYEN	224462	NJ983	PAYEN	710097
NJ598	PAYEN	223012	NJ708	PAYEN	1180	NJ856	PAYEN	223843	NJ984	PAYEN	473179 <sup>28</sup>
NJ599	PAYEN	227020	NJ709	PAYEN	224210	NJ858	PAYEN	710154	NJ985	PAYEN	1940
NJ600	PAYEN	222820 <sup>29</sup>	NJ717	PAYEN	710083	NJ859	PAYEN	223010	NJ988	PAYEN	225450
NJ602	PAYEN	225875	NJ718	PAYEN	710407	NJ860	PAYEN	710109	NJ989	PAYEN	222050
NJ606	PAYEN	710306	NJ719	PAYEN	223842	NJ861	PAYEN	710806	NJ990	PAYEN	710463
NJ607	PAYEN	223542	NJ731	PAYEN	4901	NJ863	PAYEN	224820	NJ991	PAYEN	224820
NJ608	PAYEN	223840	NJ732	PAYEN	239146	NJ864	PAYEN	224815	NJ992	PAYEN	710239
NJ609	PAYEN	223840	NJ733	PAYEN	223580	NJ866	PAYEN	224872	NJ994	PAYEN	1941
NJ610	PAYEN	712007	NJ735	PAYEN	710167	NJ867	PAYEN	4898	NJ995	PAYEN	225275
NJ611	PAYEN	223014	NJ737	PAYEN	474230	NJ868	PAYEN	1993	NJ996	PAYEN	225410
NJ612	PAYEN	223608	NJ739	PAYEN	224570	NJ873	PAYEN	710894	NJ997	PAYEN	1928
NJ612	PAYEN	36X52X7 <sup>28</sup>	NJ743	PAYEN	1108	NJ874	PAYEN	223750	NJ998	PAYEN	1935
NJ614	PAYEN	28X38X7	NJ744	PAYEN	15X24X7	NJ875	PAYEN	223220	NJ999	PAYEN	1188
NJ615	PAYEN	223005	NJ748	PAYEN	710338	NJ876	PAYEN	710223	NK005	PAYEN	710332
NJ616	PAYEN	710343	NJ749	PAYEN	710396	NJ877	PAYEN	221620	NK007	PAYEN	1012N
NJ617	PAYEN	320603	NJ750	PAYEN	710073	NJ878	PAYEN	710398	NK008	PAYEN	239201
NJ620	PAYEN	222743	NJ751	PAYEN	222410	NJ879	PAYEN	65X88X10	NK009	PAYEN	710168
NJ621	PAYEN	221710	NJ755	PAYEN	710458	NJ881	PAYEN	710128	NK-010	PAYEN	710357
NJ622	PAYEN	221540	NJ756	PAYEN	710305	NJ886	PAYEN	226530	NK012	PAYEN	710193
NJ625	PAYEN	471950	NJ759	PAYEN	222860	NJ888	PAYEN	710070	NK014	PAYEN	224205
NJ626	PAYEN	1949	NJ761	PAYEN	223552	NJ889	PAYEN	1036	NK015	PAYEN	229210
NJ629	PAYEN	224255	NJ762	PAYEN	221510	NJ890	PAYEN	225530	NK-016	PAYEN	710330
NJ631	PAYEN	1126	NJ763	PAYEN	223400	NJ891	PAYEN	223830	NK022	PAYEN	710336
NJ634	PAYEN	710678	NJ764	PAYEN	470460	NJ892	PAYEN	225225	NK023	PAYEN	711181
NJ635	PAYEN	710316	NJ765	PAYEN	224052	NJ901	PAYEN	222025	NK028	PAYEN	3667
NJ637	PAYEN	224025	NJ768	PAYEN	45X80X10	NJ904	PAYEN	1953	NK034	PAYEN	1932
NJ638	PAYEN	225650	NJ769	PAYEN	710369	NJ905	PAYEN	13X22X6 <sup>28</sup>	NK035	PAYEN	1019
NJ639	PAYEN	710312	NJ774	PAYEN	710055	NJ908	PAYEN	710094	NK036	PAYEN	221720
NJ645	PAYEN	710187	NJ777	PAYEN	1147	NJ909	PAYEN	710093	NK040	PAYEN	224979
NJ650	PAYEN	228250	NJ779	PAYEN	222742	NJ-911	PAYEN	710107	NK042	PAYEN	222745
NJ654	PAYEN	710450	NJ780	PAYEN	1936	NJ912	PAYEN	710175	NK043	PAYEN	223801
NJ655	PAYEN	222025 <sup>28</sup>	NJ781	PAYEN	710337	NJ915	PAYEN	710315	NK048	PAYEN	223253
NJ657	PAYEN	222240	NJ782	PAYEN	710148	NJ919	PAYEN	1213N	NK049	PAYEN	223801
NJ657	PAYEN	22X40X7 <sup>28</sup>	NJ783	PAYEN	473677	NJ920	PAYEN	1975	NK050	PAYEN	224020
NJ658	PAYEN	225230	NJ793	PAYEN	20X38X7	NJ922	PAYEN	710239	NK053	PAYEN	225673
NJ659	PAYEN	225210	NJ798	PAYEN	710169	NJ923	PAYEN	710052	NK054	PAYEN	4899
NJ660	PAYEN	1180	NJ799	PAYEN	222835	NJ925	PAYEN	710295	NK055	PAYEN	710188

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
NK065	PAYEN	224045 <sup>29</sup>	NK168	PAYEN	710319	NN99114	SEALD	99114	NN99260	SEALD	99260
NK066	PAYEN	1146	NK169	PAYEN	710189	NN99118	SEALD	99118	NN99261	SEALD	99261
NK067	PAYEN	224026	NK170	PAYEN	229210	NN99125	SEALD	99125	NN99262	SEALD	99262
NK068	PAYEN	350609	NK-172	PAYEN	712009	NN99128	SEALD	99128	NN99267	SEALD	99267
NK071	PAYEN	25X45X8	NK-173	PAYEN	228410	NN99129	SEALD	99129	NN99269	SEALD	99269
NK075	PAYEN	710416	NK175	PAYEN	710392	NN99131	SEALD	99131	NN99272	SEALD	99272
NK076	PAYEN	710689	NK176	PAYEN	4904	NN99133	SEALD	99133	NN99273	SEALD	99273
NK084	PAYEN	320583	NK177	PAYEN	710109	NN99138	SEALD	99138	NN99274	SEALD	99274
NK085	PAYEN	710319	NK178	PAYEN	710138	NN99139	SEALD	99139	NN99275	SEALD	99275
NK-086	PAYEN	712009	NK180	PAYEN	3051N	NN99143	SEALD	99143	NN99276	SEALD	99276
NK094	PAYEN	710108	NK182	PAYEN	223235	NN99144	SEALD	99144	NN99281	SEALD	99281
NK095	PAYEN	221620	NK184	PAYEN	221820	NN99146	SEALD	99146	NN99282	SEALD	99282
NK-098	PAYEN	225220	NK195	PAYEN	710437	NN99147	SEALD	99147	NN99286	SEALD	99286
NK099	PAYEN	5686	NK-196	PAYEN	710393	NN99149	SEALD	99149	NN99287	SEALD	99287
NK100	PAYEN	350609	NK-197	PAYEN	710394	NN99150	SEALD	99150	NN99290	SEALD	99290
NK103	PAYEN	228700	NK198	PAYEN	710110	NN99155	SEALD	99155	NN99291	SEALD	99291
NK104	PAYEN	229010	NK199	PAYEN	225678	NN99156	SEALD	99156	NN99293	SEALD	99293
NK-105	PAYEN	710354	NK200	PAYEN	710571	NN99157	SEALD	99157	NN99294	SEALD	99294
NK106	PAYEN	224650	NK201	PAYEN	5695	NN99162	SEALD	99162	NN99296	SEALD	99296
NK110	PAYEN	223535	NK202	PAYEN	224053	NN99166	SEALD	99166	NN99298	SEALD	99298
NK117	PAYEN	223230	NK203	PAYEN	350609	NN99168	SEALD	99168	NN99299	SEALD	99299
NK119	PAYEN	710225	NK205	PAYEN	229004	NN99169	SEALD	99169	NN99300	SEALD	99300
NK120	PAYEN	222430	NK206	PAYEN	1019	NN99170	SEALD	99170	NN99303	SEALD	99303
NK120	PAYEN	24X40X7	NK207	PAYEN	712938	NN99171	SEALD	99171	NN99311	SEALD	99311
NK122	PAYEN	3771	NK208	PAYEN	710570	NN99172	SEALD	99172	NN99312	SEALD	99312
NK123	PAYEN	1177	NK211	PAYEN	712011	NN99174	SEALD	99174	NN99313	SEALD	99313
NK124	PAYEN	30X50X7	NK212	PAYEN	710108	NN99175	SEALD	99175	NN99315	SEALD	99315
NK125	PAYEN	223010	NK214	PAYEN	710419	NN99176	SEALD	99176	NN99322	SEALD	99322
NK126	PAYEN	225545	NK215	PAYEN	223540	NN99177	SEALD	99177	NN99324	SEALD	99324
NK127	PAYEN	223805	NK217	PAYEN	225040	NN99179	SEALD	99179	NN99325	SEALD	99325
NK128	PAYEN	223553	NK230	PAYEN	474133	NN99181	SEALD	99181	NN99331	SEALD	99331
NK129	PAYEN	710598	NK231	PAYEN	710248	NN99186	SEALD	99186	NN99333	SEALD	99333
NK131	PAYEN	710868	NK232	PAYEN	224250	NN99187	SEALD	99187	NN99334	SEALD	99334
NK133	PAYEN	221207	NK233	PAYEN	712007	NN99189	SEALD	99189	NN99337	SEALD	99337
NK134	PAYEN	224053	NK238	PAYEN	710423	NN99193	SEALD	99193	NN99339	SEALD	99339
NK137	PAYEN	710399	NK239	PAYEN	1955	NN99196	SEALD	99196	NN99340	SEALD	99340
NK139	PAYEN	710235	NK243	PAYEN	710234	NN99199	SEALD	99199	NN99347	SEALD	99347
NK140	PAYEN	710730	NK251	PAYEN	225020	NN99200	SEALD	99200	NN99349	SEALD	99349
NK141	PAYEN	710264	NK259	PAYEN	710316	NN99205	SEALD	99205	NN99350	SEALD	99350
NK143	PAYEN	710767	NK264	PAYEN	224200	NN99210	SEALD	99210	NN99351	SEALD	99351
NK144	PAYEN	710292	NK265	PAYEN	710523	NN99212	SEALD	99212	NN99354	SEALD	99354
NK-145	PAYEN	710226	NK294	PAYEN	710782	NN99215	SEALD	99215	NN99356	SEALD	99356
NK-146	PAYEN	710529	NLA307	FAIRB	417343 <sup>28</sup>	NN99218	SEALD	99218	NN99362	SEALD	99362
NK-147	PAYEN	225005	NLA90	FAIRB	471750 <sup>28</sup>	NN99225	SEALD	99225	NN99363	SEALD	99363
NK-148	PAYEN	710231	NN99049	SEALD	99049	NN99226	SEALD	99226	NN99364	SEALD	99364
NK150	PAYEN	710436	NN99059	SEALD	99059	NN99230	SEALD	99230	NN99367	SEALD	99367
NK-153	PAYEN	710236	NN99060	SEALD	99060	NN99231	SEALD	99231	NN99368	SEALD	99368
NK154	PAYEN	224663	NN99062	SEALD	99062	NN99233	SEALD	99233	NN99369	SEALD	99369
NK155	PAYEN	710766	NN99068	SEALD	99068	NN99235	SEALD	99235	NN99372	SEALD	99372
NK156	PAYEN	15X32X7	NN99076	SEALD	99076	NN99236	SEALD	99236	NN99374	SEALD	99374
NK-157	PAYEN	228250	NN99078	SEALD	99078	NN99237	SEALD	99237	NN99376	SEALD	99376
NK-158	PAYEN	710355	NN99085	SEALD	99085	NN99238	SEALD	99238	NN99387	SEALD	99387
NK159	PAYEN	224053	NN99087	SEALD	99087	NN99240	SEALD	99240	NN99393	SEALD	99393
NK160	PAYEN	710313	NN99096	SEALD	99096	NN99243	SEALD	99243	NN99395	SEALD	99395
NK162	PAYEN	8430S	NN99098	SEALD	99098	NN99248	SEALD	99248	NN99399	SEALD	99399
NK163	PAYEN	1932	NN99100	SEALD	99101	NN99250	SEALD	99250	NN99401	SEALD	99401
NK164	PAYEN	8835S	NN99103	SEALD	99103	NN99253	SEALD	99253	NN99413	SEALD	99413
NK165	PAYEN	8660S	NN99106	SEALD	99106	NN99254	SEALD	99254	NN99423	SEALD	99423
NK166	PAYEN	710453	NN99111	SEALD	99111	NN99256	SEALD	99256	NN99424	SEALD	99424
NK167	PAYEN	710439	NN99112	SEALD	99112	NN99259	SEALD	99259	NN99435	SEALD	99435

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
NN99437	SEALD	99437	NS1949	BCABG	1949	NS471950	BCABG	471950	NS710320	BCABG	710320
NN99450	SEALD	99450	NS1950	BCABG	1950	NS473367	BCABG	473367	NS710323	BCABG	710323
NN99452	SEALD	99452	NS1953	BCABG	1953	NS473677	BCABG	473677	NS710337	BCABG	710337
NN99463	SEALD	99463	NS1955	BCABG	1955	NS4739	BCABG	4739	NS710357	BCABG	710357
NN99468	SEALD	99468	NS1960	BCABG	1960	NS4740	BCABG	4740	NS710393	BCABG	710393
NN99472	SEALD	99472	NS1962	BCABG	1962	NS482126	BCABG	482126	NS710394	BCABG	710394
NN99473	SEALD	99473	NS1973	BCABG	1973	NS4898	BCABG	4898	NS710404	BCABG	710404
NN99475	SEALD	99475	NS1974	BCABG	1974	NS4899	BCABG	4899	NS710430	BCABG	710430
NN99492	SEALD	99492	NS2002	BCABG	2002	NS4904	BCABG	4904	NS710439	BCABG	710439
NN99494	SEALD	99494	NS20446	BCABG	5696	NS493291	BCABG	493291	NS710456	BCABG	710456
NN99498	SEALD	99498	NS2081	BCABG	2081	NS494122	BCABG	494122	NS710459	BCABG	710459
NN99499	SEALD	99499	NS223400	BCABG	223400	NS4990	BCABG	4990	NS710462	BCABG	710462
NN99525	SEALD	99525	NS223605	BCABG	223605	NS5121	BCABG	5121	NS710463	BCABG	710463
NN99549	SEALD	99549	NS22368	BCABG	710638	NS5682	BCABG	5682	NS710464	BCABG	710464
NN99599	SEALD	99599	NS223830	BCABG	223830	NS5685	BCABG	5685	NS710467	BCABG	710467
NN99606	SEALD	99606	NS223840	BCABG	223840	NS5686	BCABG	5686	NS710477	BCABG	710477
NN99625	SEALD	99625	NS224015	BCABG	224015	NS5694	BCABG	5694	NS710478	BCABG	710478
NN99630	SEALD	99630	NS224210	BCABG	224210	NS5695	BCABG	5695	NS710519	BCABG	710519
NN99650	SEALD	99650	NS224235	BCABG	224235	NS5696	BCABG	5696	NS710529	BCABG	710529
NN99675	SEALD	99675	NS224462	BCABG	224462	NS5697	BCABG	5697	NS710563	BCABG	710563
NN99700	SEALD	99700	NS224520	BCABG	224520	NS5698	BCABG	5698	NS710564	BCABG	710564
NN99750	SEALD	99750	NS224820	BCABG	224820	NS5699	BCABG	5699	NS710568	BCABG	710568
NN99787	SEALD	99787	NS224870	BCABG	224870	NS5700	BCABG	5700	NS710569	BCABG	710569
NO-1	ATP	2025	NS225005	BCABG	225005	NS6358	BCABG	6358	NS710570	BCABG	710570
NO-10	ATP	3771	NS225010	BCABG	225010	NS6815	BCABG	6815	NS710571	BCABG	710571
NO-11	ATP	1953	NS225082	BCABG	225082	NS710067	BCABG	710067	NS710572	BCABG	710572
NO-12	ATP	222745	NS225220	BCABG	225220	NS710069	BCABG	710069	NS710573	BCABG	710573
NO-13	ATP	223050	NS225225	BCABG	225225	NS710072	BCABG	710072	NS710584	BCABG	710584
NO-14	ATP	223510	NS225230	BCABG	225230	NS710073	BCABG	710073	NS710585	BCABG	710585
NO-16	ATP	1965	NS225275	BCABG	225275	NS710076	BCABG	710076	NS710586	BCABG	710586
NO-2	ATP	710051	NS225410	BCABG	225410	NS710092	BCABG	710092	NS710587	BCABG	710587
NO-21	ATP	710324	NS225450	BCABG	225450	NS710093	BCABG	710093	NS710588	BCABG	710588
NO-23	ATP	710133	NS225500	BCABG	225500	NS710094	BCABG	710094	NS710589	BCABG	710589
NO-27	ATP	224663	NS225650	BCABG	225650	NS710097	BCABG	710097	NS710625	BCABG	710625
NO-3	ATP	224010	NS225673	BCABG	225673	NS710098	BCABG	710098	NS710626	BCABG	710626
NO-31	ATP	710862	NS225875	BCABG	225875	NS710103	BCABG	710103	NS710637	BCABG	710637
NO-32	ATP	710265	NS226285	BCABG	226285	NS710106	BCABG	710106	NS710640	BCABG	710640
NO33	ATP	710739	NS226520	BCABG	226520	NS710108	BCABG	710108	NS710641	BCABG	710641
NO34	ATP	710724	NS226610	BCABG	226610	NS710125	BCABG	710125	NS710642	BCABG	710642
NO35	ATP	225010	NS229522	BCABG	229522	NS710127	BCABG	710127	NS710755	BCABG	710755
NO-36	ATP	710539	NS3087	BCABG	3087	NS710130	BCABG	710130	NS710756	BCABG	710756
NO-37	ATP	710540	NS3357	BCABG	3357	NS710168	BCABG	710168	NS710757	BCABG	710757
NO-39	ATP	710862	NS3553	BCABG	3553	NS710171	BCABG	710171	NS710758	BCABG	710758
NO-41	ATP	1981	NS370018A	BCABG	370018A	NS710175	BCABG	710175	NS710764	BCABG	710764
NO-57	ATP	2027	NS370047A	BCABG	370047A	NS710183	BCABG	710183	NS712938	BCABG	712938
NO-60	ATP	224255	NS370247A	BCABG	370247A	NS710191	BCABG	710191	NS8312	BCABG	8312
NO-64	ATP	710442	NS3942	BCABG	3942	NS710192	BCABG	710192	NS8430S	BCABG	8430S
NO-66	ATP	710598	NS4099	BCABG	4099	NS710194	BCABG	710194	NS8974S	BCABG	8974S
NO-70	ATP	710893	NS4148	BCABG	4148	NS710215	BCABG	710215	NS9150S	BCABG	9150S
NO-83	ATP	225110	NS415009	BCABG	415009	NS710225	BCABG	710225	NS9864s	BCABG	9864S
NO-85	ATP	710397	NS415960	BCABG	415960	NS710226	BCABG	710226	NX32440A	JOHND	415995 <sup>28</sup>
NO-86	ATP	710484	NS4160	BCABG	4160	NS710227	BCABG	710227	NX32440A	JOHND	455013
NS1208	BCABG	1208	NS417158	BCABG	417158	NS710230	BCABG	710230	NX33341	JOHND	415437 <sup>28</sup>
NS1213N	BCABG	1213N	NS4175	BCABG	4175	NS710231	BCABG	710231	NX33341	JOHND	455173
NS1928	BCABG	1928	NS4249	BCABG	4249	NS710239	BCABG	710239	NX33649	JOHND	450076
NS1932	BCABG	1932	NS4250	BCABG	4250	NS710240	BCABG	710240	NX33649	JOHND	470334 <sup>28</sup>
NS1935	BCABG	1935	NS444116	BCABG	444116	NS710266	BCABG	710266	NXA543	BENDI	470351
NS1936	BCABG	1936	NS455086	BCABG	455086	NS710292	BCABG	710292	NXA543	BENDI	471504 <sup>28</sup>
NS1941	BCABG	1941	NS455860	BCABG	455860	NS710293	BCABG	710293	O01R	TIMKE	001PKG
NS1948	BCABG	1948	NS471271	BCABG	471271	NS710311	BCABG	710311	O02R	TIMKE	002PKG

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
O03R	TIMKE	003PKG	OC6307	BGA	710449	OS2387	BGA	710894	P003024	EBERH	471571
O04R	TIMKE	004PKG	OC6369	BGA	710787	OS26	GR-DV	470328	P003026	EBERH	473236 <sup>28</sup>
O05R	TIMKE	005PKG	OC6374	BGA	710600	OS26	GR-DV	481213 <sup>28</sup>	P003032	EBERH	450342
O06R	TIMKE	006PKG	OC6397	BGA	710617	OS3304	BGA	228008	P003035	EBERH	472012
O07R	TIMKE	007PKG	OCB521	CLSTL	480630 <sup>28</sup>	OS3324	BGA	710765	P003041	EBERH	471652
O08R	TIMKE	008PKG	OCB521	CLSTL	480991	OS3383	BGA	710232	P003042	EBERH	472354 <sup>28</sup>
O09R	TIMKE	009PKG	OD248	ALLCH	416654 <sup>28</sup>	OS375	GMC	330385 <sup>28</sup>	P003042	EBERH	50395S
O10R	TIMKE	010PKG	OD248	ALLCH	455012	OS4332	BGA	710255	P003055	EBERH	481792
O11R	TIMKE	011PKG	OD2973U238	WHITE	340413	OS4370	BGA	716484	P003056	EBERH	471730
O12R	TIMKE	012PKG	OD307	ALLCH	455018	OS4373	BGA	716484	P003119	EBERH	481397
O132034	GMC	470059	OD307	ALLCH	476470	OS5309	BGA	710332	P005-27-165	MAZDA	712011
O132034	GMC	470380 <sup>28</sup>	OD5219	LETN	415371	OS5314	BGA	1108	P-0080	C-P	415058
O13R	TIMKE	013PKG	OD613	ALLCH	457874	OS5317	BGA	1108	P-0081	C-P	455151
O14R	TIMKE	014PKG	OE122	ALLCH	415995 <sup>28</sup>	OS5368	BGA	224052	P-0082	C-P	416476 <sup>28</sup>
O15R	TIMKE	015PKG	OE122	ALLCH	455013	OS5393	BGA	223235	P-0082	C-P	455075
O16R	TIMKE	016PKG	OF53	BU-SP	450082	OS5395	BGA	710824	P016-27-238	MAZDA	223842
O17R	TIMKE	017PKG	OF53	BU-SP	473238	OS6300	BGA	222743	P017-27-165	MAZDA	712011
O18R	TIMKE	018PKG	OIT4676	MARMO	473215 <sup>28</sup>	OS6306	BGA	710399	P-0305	C-P	415551
O19R	TIMKE	019PKG	OK1034	EATON	264PKG	OS6382	BGA	223005	P-0306	C-P	416158
O2003	WILYS	450183	OK211-16-213	KIA	710316	OS7317	BGA	710707	P-0307	C-P	416666
O2003	WILYS	472179	OM1177A	FORD	450067	OS7330	BGA	710850	P-0308	C-P	455280
O2004	WILYS	472179	OM1177A	FORD	473228	OS7353	BGA	710674	P-0326	C-P	450519
O2005	WILYS	471801 <sup>28</sup>	OM1177A1	FORD	450067	OS7375	BGA	710621	P-0326	C-P	471271 <sup>28</sup>
O2088	MASSE	50081	OM1177A1	FORD	473228	OS7377	BGA	710789	P-0410	C-P	415219
O20R	TIMKE	020PKG	OM1177B	FORD	450067	OS8317	BGA	710785	P043-27-238	MAZDA	223842
O21R	TIMKE	021PKG	OM1177B	FORD	473228	OS8335	BGA	710761	P043-27-238A	MAZDA	223842
O22R	TIMKE	022PKG	OM1177C	FORD	450067	OS8337	BGA	710813	P1011	JOHND	471570 <sup>28</sup>
O23R	TIMKE	023PKG	OM1177C	FORD	473228	OS8347	BGA	710614	P1012	JOHND	470045
O24R	TIMKE	024PKG	OMX10191	ALLCH	415482	OS8350	BGA	710788	P1012	JOHND	476838 <sup>28</sup>
O2501CS	CASE	450415	OMX10525	ALLCH	471442 <sup>28</sup>	OS8372	BGA	710618	P1019	DEXTR	473336
O25R	TIMKE	025PKG	OMX10526	ALLCH	240735	OS8377	BGA	224200	P116	REULD	470403
O26R	TIMKE	026PKG	OMX10660	ALLCH	471684 <sup>28</sup>	OS8379	BGA	711008	P116	REULD	470774 <sup>28</sup>
O27R	TIMKE	027PKG	OMX10660	ALLCH	471698	OS9331	BGA	712009	P127	REULD	416664 <sup>28</sup>
O28R	TIMKE	028PKG	OMX1663	ALLCH	55028	OS9335	BGA	710610	P127	REULD	455364
O29R	TIMKE	029PKG	OMX3173	ALLCH	412943	OS9386	BGA	710897	P12710	ATHEY	471689 <sup>28</sup>
O30R	TIMKE	030PKG	OMX382	ALLCH	412119 <sup>28</sup>	OT200A	MINNM	415021	P1362	JOHND	471529
O31R	TIMKE	031PKG	OMX382	ALLCH	450101	OTC19003	CONTI	470358	P14212	SKF	416888
O32R	TIMKE	032PKG	OMX9396	ALLCH	340009S	OTC19003	CONTI	473231 <sup>28</sup>	P14730	FORD	471820
O33R	TIMKE	033PKG	OP53	BU-SP	473238 <sup>28</sup>	OTC19003	ONAN	470358	P14730	PETTI	470062
O34R	TIMKE	034PKG	OP54	BU-SP	415937 <sup>28</sup>	OTC19003	ONAN	473231 <sup>28</sup>	P14730	PETTI	474264
O35R	TIMKE	035PKG	OP55	BU-SP	417351 <sup>28</sup>	P003001	EBERH	471526 <sup>28</sup>	P14731	FORD	471820
O36R	TIMKE	036PKG	OP55	BU-SP	455154	P003002	EBERH	471466 <sup>28</sup>	P14732	FORD	450066
O37R	TIMKE	037PKG	OP56	BU-SP	415001 <sup>28</sup>	P003005	EBERH	473225 <sup>28</sup>	P14732	FORD	473367 <sup>28</sup>
O3869AB	CASE	470045	OP56	BU-SP	455001	P003008	EBERH	450069	P14732	PETTI	471820
O3869AB	CASE	476838 <sup>28</sup>	OS0372	BGA	710676	P003008	EBERH	473232	P1651	C-P	415645 <sup>28</sup>
O38R	TIMKE	038PKG	OS0375	BGA	710553	P003009	EBERH	450070	P1651	C-P	455104
O39R	TIMKE	039PKG	OS0379	BGA	710465	P003009	EBERH	472185 <sup>28</sup>	P1652	C-P	417487
O40R	TIMKE	040PKG	OS1314	BGA	710767	P003010	EBERH	450082	P1652	C-P	455014
O41R	TIMKE	041PKG	OS1332	BGA	710790	P003010	EBERH	473238	P1653	C-P	415991
O42R	TIMKE	042PKG	OS1342	BGA	710056	P003012	EBERH	450117	P1653	C-P	455146 <sup>28</sup>
O43R	TIMKE	043PKG	OS1345	BGA	320348	P003012	EBERH	472572 <sup>28</sup>	P16685	ATHEY	453165
O44R	TIMKE	044PKG	OS1350	BGA	710436	P003013	EBERH	471442 <sup>28</sup>	P16685	ATHEY	471619 <sup>28</sup>
O45R	TIMKE	045PKG	OS1353	BGA	710331	P003014	EBERH	471224 <sup>28</sup>	P1780	C-P	55078S
O52115	ALLCH	417247 <sup>28</sup>	OS1362	BGA	710531	P003015	EBERH	471192	P179	KOEK	350364
O52641	ALLCH	417267	OS1379	BGA	712008	P003019	EBERH	473226	P190	BUC-E	417269 <sup>28</sup>
O750-111-152	MAZDA	3771	OS2190	BGA	710935	P003020	EBERH	471763	P19234	ATHEY	450115
O750-111-153	MAZDA	1217	OS2304	BGA	710415	P003021	EBERH	470163	P19234	ATHEY	473467 <sup>28</sup>
OC5004	LETN	416865 <sup>28</sup>	OS2323	BGA	228015	P003021	EBERH	471766 <sup>28</sup>	P1936	C-P	417247 <sup>28</sup>
OC5004	LETN	455070	OS2346	BGA	710189	P003022	EBERH	473424 <sup>28</sup>	P1941	C-P	450085
OC6303	BGA	710811	OS2356	BGA	710290	P003023	EBERH	471801 <sup>28</sup>	P1941	C-P	470530 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
P2003	TEREL	41075S	P2871	ITM	224015	P3987	TEREL	471833	P6201	ITM	224520
P20254	JOHND	472234	P2879	TEREL	471984	P3990	TEREL	J1103	P6201	ITM	45X60X10
P20255	JOHND	415991	P2900	TEREL	471649 <sup>28</sup>	P3991	TEREL	J1105	P6205	ITM	1994
P20255	JOHND	455146 <sup>28</sup>	P2BA7603	GN-TI	6283S	P39A217	CONTI	473460	P6205	ITM	48X70X9 <sup>28</sup>
P20274	JOHND	412861	P3045	TEREL	J1109	P40057	JOHND	472439	P6213	ITM	223542
P2044	TEREL	476470	P3059	TEREL	471760	P41721	JOHND	471270 <sup>28</sup>	P6213	ITM	35X55X11
P2045	TEREL	473224 <sup>28</sup>	P3091	ITM	472299	P41721H	JOHND	471270 <sup>28</sup>	P6213	ITM	28
P213587	KRSE	470605 <sup>28</sup>	P3130	ITM	473234 <sup>28</sup>	P4187	TEREL	415259 <sup>28</sup>	P6247	ITM	1174
P2180	TEREL	473446	P3140	ITM	450183	P43181	ROOTE	330385 <sup>28</sup>	P6262	BU-SP	417357
P2183	TEREL	472397 <sup>28</sup>	P3140	ITM	472179	P43561	ROOTE	472492 <sup>28</sup>	P6262	BU-SP	455192 <sup>28</sup>
P2202	ITM	1994	P3156	ITM	473241	P4535	ITM	3771	P6296	BU-SP	415991
P2202	ITM	48X70X9 <sup>28</sup>	P3167	ITM	473016 <sup>28</sup>	P4544	ITM	1174	P6296	BU-SP	455146 <sup>28</sup>
P22351	JOHND	411245 <sup>28</sup>	P3168	ITM	472492 <sup>28</sup>	P4583	ITM	33X50X12	P6298	BU-SP	417556
P22351	JOHND	455096	P3242	ITM	7399S <sup>28</sup>	P4609	ITM	471652	P6298	ITM	224270
P2269	TEREL	413246	P-328	DURA	473405	P4646	ITM	1012N	P6298	ITM	42X72X10
P2269	TEREL	413246N	P3315	ITM	450076	P4747	ITM	224045	P6299	BU-SP	416239 <sup>28</sup>
P2343	TEREL	473238 <sup>28</sup>	P3315	ITM	470334 <sup>28</sup>	P4784	ITM	223840	P629B	DURA	472826 <sup>28</sup>
P2360	TEREL	471272 <sup>28</sup>	P3337	TEREL	473442 <sup>28</sup>	P4784	ITM	38X58X8 <sup>28</sup>	P-629C	DURA	481443 <sup>28</sup>
P2374	TEREL	472179	P3339	TEREL	470682	P4785	ITM	1177	P6301	ITM	1209
P2387	TEREL	471692 <sup>28</sup>	P3348	ITM	471870 <sup>28</sup>	P4785	ITM	1177	P6304	ITM	1012N
P2388	TEREL	473215 <sup>28</sup>	P3348	ITM	471883	P4788	ITM	1176	P6304	ITM	45X62X8 <sup>28</sup>
P2410	ITM	472164 <sup>28</sup>	P3385	TEREL	413247 <sup>28</sup>	P4788	ITM	1176	P6305	ITM	1208
P2411	TEREL	473237 <sup>28</sup>	P34195	JOHND	415995 <sup>28</sup>	P4789	ITM	1180	P6305	ITM	48X72X7 <sup>28</sup>
P24112	BUC-E	470086	P34195	JOHND	455013	P4789	ITM	41X55X7 <sup>28</sup>	P6319	ITM	482126
P2412	BUC-E	416107 <sup>28</sup>	P3446	ITM	224040	P4795	ITM	1959	P6366	ITM	224015
P2412	BUC-E	455073	P3446	ITM	40X60X10	P4802	ITM	223542	P6367	ITM	224045
P24149	JOHND	450185	P3462	TEREL	476470	P4802	ITM	35X55X11	P6367	ITM	224045
P24149	JOHND	473229	P3485	ITM	226020	P49483	WABCO	240009	P6369	ITM	5778
P2419	TEREL	415449 <sup>28</sup>	P3485	ITM	60X80X8 <sup>28</sup>	P494832	WABCO	240414	P6373	ITM	1174
P2420	TEREL	472397 <sup>28</sup>	P3485	ITM	60X80X8 <sup>28</sup>	P4949	ITM	42X55X8 <sup>28</sup>	P6374	ITM	41X56X7 <sup>28</sup>
P2424	TEREL	410163	P3487	ITM	224045	P4954	ITM	1213N	P6375	ITM	1183
P2424	TEREL	471766 <sup>28</sup>	P3494	ITM	340823	P497	PORTR	415047	P6376	ITM	224045
P243	BUC-E	415116	P3498	ITM	471224 <sup>28</sup>	P501-17-335B	MAZDA	7692S	P6377	ITM	1981
P24341	JOHND	450067	P3509	ITM	473228	P502-17-335	MAZDA	1981	P6378	ITM	1992
P24341	JOHND	473228	P3509	ITM	51098	P51322	PACIF	417357	P6428	ITM	224820
P2441	TEREL	473237 <sup>28</sup>	P3511	ITM	471192	P51418	PACIF	415379	P6428	ITM	48X62X8 <sup>28</sup>
P25147	BUC-E	455195	P3573	TEREL	472924 <sup>28</sup>	P51898	PACIF	470898	P6430	ITM	1196
P25147	BUC-E	472157 <sup>28</sup>	P3587	TEREL	471692 <sup>28</sup>	P5339	MASSE	470169	P6472	ITM	32X58X8 <sup>28</sup>
P2559	TEREL	470380 <sup>28</sup>	P3591	BU-SP	450352	P5339	MASSE	473214	P6478	ITM	1167
P2562	TEREL	471138 <sup>28</sup>	P3591	BU-SP	472164 <sup>28</sup>	P5364Z	WITTE	472439	P6492	ITM	1955
P2598	TEREL	470565 <sup>28</sup>	P3592	BU-SP	415138 <sup>28</sup>	P6085	ITM	1180	P6492	ITM	52X65X9 <sup>28</sup>
P2604	TEREL	471766 <sup>28</sup>	P3597	BU-SP	450083	P6085	ITM	41X55X7 <sup>28</sup>	P6500	ITM	473823
P2612	TEREL	471981	P3597	BU-SP	472924 <sup>28</sup>	P6085	PETTI	450104	P6502	ITM	1213N
P2621	TEREL	472164 <sup>28</sup>	P3618	TEREL	471689 <sup>28</sup>	P6089	PETTI	55030	P6505	ITM	228020
P2625	ITM	470898	P3619	TEREL	471224 <sup>28</sup>	P6090	PETTI	415047	P6505	ITM	80X105X13
P2625	TEREL	473215 <sup>28</sup>	P3655	ITM	224045	P6096	PETTI	455151	P6500	ITM	28
P26500	JOHND	470027	P3835	ITM	471737	P6112	ITM	1174	P6534	ITM	1173
P26500	JOHND	471554 <sup>28</sup>	P39080002	LAVOI	240435	P611810	KRSE	473238 <sup>28</sup>	P6536	ITM	1188
P2672	TEREL	470605 <sup>28</sup>	P39080005	LAVOI	240716	P611811	KRSE	J1105	P6585	ITM	1953
P2674	ITM	224045	P391	PORTR	415302	P6131	BU-SP	455018	P6585	ITM	42X60X7 <sup>28</sup>
P2704	TEREL	473239 <sup>28</sup>	P3911	ITM	470898	P6131	BU-SP	476470	P6586	ITM	3771
P2707	TEREL	J1117	P392	PORTR	415995 <sup>28</sup>	P6132	BU-SP	417298	P6606	BU-SP	416892 <sup>28</sup>
P2749	TEREL	410102	P392	PORTR	455013	P6133	BU-SP	416865 <sup>28</sup>	P6671	ITM	1950
P2755	TEREL	451078 <sup>28</sup>	P393	ITM	2655	P6133	BU-SP	455070	P66851	VIC	224235
P2803	TEREL	471835 <sup>28</sup>	P3952	ITM	470487N	P6174	ITM	472213	P66851	VIC	42X58X7 <sup>28</sup>
P2804	TEREL	473010 <sup>28</sup>	P3971	ITM	472258 <sup>28</sup>	P6177	ITM	224235	P6800	BU-SP	415072
P2805	TEREL	473232 <sup>28</sup>	P3973	ITM	224520	P6177	ITM	42X58X7 <sup>28</sup>	P6881	BU-SP	415551
P28112	BUC-E	470086	P3973	ITM	45X60X10	P6178	ITM	224025	P70305	ALLCH	450301
P2812	BUC-E	415072	P3974	ITM	1973	P6179	ITM	35X50X8 <sup>28</sup>	P70305	ALLCH	472397 <sup>28</sup>
P283	BUC-E	417604				P6179	ITM	3771			

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
P76054-11	GLASE	223005	P77578-01	GLASE	3771	P975	PORTR	415138 <sup>28</sup>	PGF3216	AU-WS	472636 <sup>28</sup>
P76080-01	GLASE	710332	P77579-01	GLASE	223018	P977	PORTR	415196 <sup>28</sup>	PGF3216A	AU-WS	410316
P76085-01	GLASE	710824	P77580-01	GLASE	223235	PA1099	IDECO	417603 <sup>28</sup>	PGF3216A	AU-WS	472636 <sup>28</sup>
P76096-01	GLASE	710618	P77581-01	GLASE	710310	PA1099	INTDE	417603 <sup>28</sup>	PGF4373	AU-WS	417488 <sup>28</sup>
P76098-01	GLASE	713771	P77585-01	GLASE	3771	PA117	ALLCH	450441	PGF4511	AU-WS	415147
P76143-01	GLASE	710620	P77594-01	GLASE	224053	PA117	ALLCH	471341 <sup>28</sup>	PGF4511	AU-WS	415449 <sup>28</sup>
P76194-01	GLASE	710190	P77595-01	GLASE	2025	PA1188	INTDE	416666	PGF4619	AU-WS	470605 <sup>28</sup>
P76220-01	GLASE	716484	P77600-01	GLASE	222743	PA1189	IDECO	455480 <sup>28</sup>	PGF4921	AU-WS	415960
P76471-01	GLASE	710550	P77602-01	GLASE	712008	PA1189	INTDE	455480 <sup>28</sup>	PGF4922	AU-WS	39302
P76481-01	GLASE	711002	P77618-01	GLASE	710886	PA1229	IDECO	415138 <sup>28</sup>	PGF6023	AU-WS	472179
P77060-01	GLASE	223220	P77621-01	GLASE	710451	PA1229	INTDE	415138 <sup>28</sup>	PGF6024	AU-WS	415147
P77141-01	GLASE	223802	P77622-01	GLASE	710819	PA1675	INTDE	415116	PGF6024	AU-WS	415449 <sup>28</sup>
P77153-01	GLASE	710812	P77630-01	GLASE	710642	PA2108	MINNM	470548	PGF6024A	AU-WS	415147
P77181-01	GLASE	3476	P77663-01	GLASE	710531	PA2108	MINNM	470625 <sup>28</sup>	PGF6024A	AU-WS	415449 <sup>28</sup>
P77183-01	GLASE	710617	P77666-01	GLASE	710674	PA2467	INTDE	415066	PGF6050	AU-WS	415036
P77318-01	GLASE	710759	P77671-01	GLASE	710332	PA303	ATHEY	450054	PGF8089	AU-WS	412040
P77321-01	GLASE	320348	P77672-01	GLASE	228015	PA3709	AM CH	450040	PGF8447	AU-WS	416921 <sup>28</sup>
P77331-01	GLASE	320348	P77676-01	GLASE	710449	PA3710	AM CH	470169	PGF8447	AU-WS	455011
P77335-01	GLASE	710786	P77691-01	GLASE	710785	PA3710	AM CH	473214 <sup>28</sup>	PGF8486	AU-WS	470027
P77353-01	GLASE	710789	P77719-01	GLASE	228008	PA42218	MERIX	412871 <sup>28</sup>	PGF8486	AU-WS	471554 <sup>28</sup>
P77357-01	GLASE	710822	P77720-01	GLASE	710608	PA42218	MERIX	450329	PGF8611	AU-WS	450133
P77362-01	GLASE	710761	P77733-01	GLASE	223802	PA42218	ROCKW	412871 <sup>28</sup>	PGF8612	AU-WS	470605 <sup>28</sup>
P77363-01	GLASE	711001	P77735-01	GLASE	712009	PA42218	ROCKW	450329	PGF8764	AU-WS	450083
P77365-01	GLASE	710600	P77737-01	GLASE	710935	PA489	IDECO	415035 <sup>28</sup>	PGF8764	AU-WS	472924 <sup>28</sup>
P77387-01	GLASE	710788	P77738-01	GLASE	710936	PA489	IDECO	455035	PGF8809	AU-WS	412040
P77392-01	GLASE	710290	P77746-01	GLASE	710707	PA767	IDECO	415725 <sup>28</sup>	PGF8809A	B-L-H	412040
P77409-01	GLASE	710799	P77775-01	GLASE	710639	PA861	MINNM	450067	PGF8839	AU-WS	473440 <sup>28</sup>
P77410-01	GLASE	710785	P77778-01	GLASE	710621	PA861	MINNM	473228	PGF8839A	AU-WS	473440 <sup>28</sup>
P77413-01	GLASE	223801	P77789-01	GLASE	710850	PA988	IDECO	415128	PGF8840	AU-WS	450291
P77414-01	GLASE	710676	P77817-01	GLASE	710787	PA988	INTDE	415128	PGF8840	AU-WS	471141 <sup>28</sup>
P77424-1	GLASE	710790	P77823-01	GLASE	710187	PB0167	WABCO	471760	PGF8840A	AU-WS	450291
P77432-01	GLASE	2012V	P77824-01	GLASE	710526	PB1039	WABCO	415124	PGF8840A	AU-WS	471141 <sup>28</sup>
P77442-01	GLASE	224200	P77835-01	GLASE	223750	PB3096	WABCO	710028	PGF8857	AU-WS	473224 <sup>28</sup>
P77451-01	GLASE	710887	P77839-01	GLASE	710279	PB425	HART	480210 <sup>28</sup>	PGF8857A	AU-WS	473224 <sup>28</sup>
P77461-01	GLASE	320348	P77845-01	GLASE	223750	PB426	HART	451583 <sup>28</sup>	PGF8857A	CLARK	473224 <sup>28</sup>
P77463-01	GLASE	710811	P7923	ITM	224020	PB4399	WABCO	417608	PGF8861	AU-WS	450472 <sup>28</sup>
P77484-01	GLASE	710553	P7923	ITM	40X55X8 <sup>28</sup>	PB4665	CATER	455310	PGF8861A	AU-WS	450472 <sup>28</sup>
P77489-01	GLASE	710611	P7951	ITM	1217	PB4665	WABCO	455310	PGF8940	AU-WS	340385
P77490-01	GLASE	223750	P7954	ITM	1962	PBN7048A	FORD	415988	PGF8941	AU-WS	340771
P77495-01	GLASE	224460	P7955	ITM	1949	PC1571	CLARK	416167 <sup>28</sup>	PGF8946	AU-WS	350414
P77498-01	GLASE	710255	P7963	ITM	1953	PC1571	CLARK	455091	PGF8946	AU-WS	472311 <sup>28</sup>
P77505-01	GLASE	710334	P7963	ITM	42X60X7 <sup>28</sup>	PC173	CLARK	415272N	PGF8998	AU-WS	40395
P77509-01	GLASE	227235	P7967	ITM	1960	PC1731	CLARK	416167 <sup>28</sup>	PGF8998	AU-WS	40395S
P77515-01	GLASE	710465	P7968	ITM	1956	PC1731	CLARK	455091	PGF9124	AU-WS	472636 <sup>28</sup>
P77517-01	GLASE	228005	P7972	ITM	1974	PC173A	CLARK	417344 <sup>28</sup>	PGF9192	AU-WS	417487
P77522-01	GLASE	710767	P7976	ITM	473238 <sup>28</sup>	PD1039	WABCO	415124	PGF9192	AU-WS	455014
P77523-01	GLASE	710765	P7979	ITM	1012N	PD16624	MASSE	471760	PGF9736	AU-WS	450067
P77530-01	GLASE	710056	P7985	ITM	1012N	PE01-10-602	MAZDA	710264	PGF9736	AU-WS	473228
P77531-11	GLASE	229210	P7985	ITM	45X62X8 <sup>28</sup>	PECP1432	FORD	203013	PGF9736A	AU-WS	450067
P77541-01	GLASE	228250	P7989	ITM	482126	PECP1477	FORD	291099	PGF9736A	AU-WS	473228
P77542-01	GLASE	710794	P7M9697	CATER	473447	PEO9521	FORD	450352	PH0155	RACIN	450188
P77544-01	GLASE	320348	P80179KE	PARK	410519	PEO9521	FORD	472164 <sup>28</sup>	PH15	CALSO	204038
P77550-01	GLASE	710860	P80179KE	PARK	471271 <sup>28</sup>	PGF10435	AU-WS	8650S	PH200B	WISCO	40337S
P77551-01	GLASE	710189	P93188-01	GLASE	224663	PGF2788	AU-WS	417205 <sup>28</sup>	PH234A	STN-S	470027
P77559-01	GLASE	710520	P93189-01	GLASE	229005	PGF2794	AU-WS	416891 <sup>28</sup>	PH234A	STN-S	471554 <sup>28</sup>
P77560-0	GLASE	710521	P93190-01	GLASE	710436	PGF2872	AU-WS	450083	PH234A	WISCO	470027
P77565-01	GLASE	710610	P96184	KRSE	415458 <sup>28</sup>	PGF2872	AU-WS	472924 <sup>28</sup>	PH234A	WISCO	471554 <sup>28</sup>
P77566-01	GLASE	224053	P970	PORTR	476470	PGF2992	AU-WS	450085	PH264	WISCO	470120
P77575-01	GLASE	714436	P971	PORTR	415995 <sup>28</sup>	PGF2992	AU-WS	470530 <sup>28</sup>	PH264	WISCO	471224 <sup>28</sup>
P77577-01	GLASE	223012	P971	PORTR	455013	PGF3062	AU-WS	473463	PH264A	WISCO	470120

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PH264A	WISCO	471224 <sup>28</sup>	PMB7657A1	FORD	7300S	PR1123	ITM	481537	PR1240	ITM	471224 <sup>28</sup>
PH265	WISCO	470712 <sup>28</sup>	PMB7657A3	FORD	7300S	PR1127	ITM	472394	PR1242	ITM	411330N
PH265A	WISCO	470712 <sup>28</sup>	PMB7657B3	FORD	7300S	PR1128	ITM	472394	PR1245	ITM	340120
PH269	CASE	450183	PME5796	STUDE	455018	PR1130	ITM	470954 <sup>28</sup>	PR1253	ITM	5924
PH269	CASE	472179	PME5796	STUDE	476470	PR1132	ITM	350954	PR1255	ITM	410737 <sup>28</sup>
PH269	WISCO	450183	PO-1	ATP	8160S	PR1132	ITM	470954 <sup>28</sup>	PR1255	ITM	470737
PH269	WISCO	472179	PO-2	ATP	6879H	PR1134	ITM	350954	PR1257	ITM	470553
PH270A	STN-S	41264S	PO5653M	VIC	415379	PR1134	ITM	470954 <sup>28</sup>	PR1257	ITM	471224 <sup>28</sup>
PH270A	WISCO	41264S	PO9635M	VIC	416011	PR1138	ITM	472439	PR1258	ITM	410308 <sup>28</sup>
PH272A	WISCO	471689 <sup>28</sup>	PO9635M	VIC	417621 <sup>28</sup>	PR1139	ITM	2287	PR1258	ITM	473468
PH278	CASE	417316 <sup>28</sup>	PO9781M	DANA	415013N	PR1140	ITM	470954 <sup>28</sup>	PR1259	ITM	410987 <sup>28</sup>
PH278	CASE	455004	PO9781M	DANA	415995V	PR1142	ITM	470954 <sup>28</sup>	PR1261	ITM	340815
PH278	WISCO	417316 <sup>28</sup>	PP1296	ALTFO	40389S	PR1143	ITM	350954	PR1263	ITM	417481
PH278	WISCO	455004	PP347	ALTFO	415449 <sup>28</sup>	PR1143	ITM	470954 <sup>28</sup>	PR1268	ITM	472287 <sup>28</sup>
PH280	STN-S	473426	PP347	ALTFO	455147	PR1144	ITM	473179 <sup>28</sup>	PR1269	ITM	471270 <sup>28</sup>
PH280	WISCO	473426	PP393	ALTFO	415995 <sup>28</sup>	PR1145	ITM	45637S	PR1271	ITM	240151
PH283	STN-S	240119	PP393	ALTFO	455013	PR1146	ITM	470954 <sup>28</sup>	PR1273	ITM	352560
PH283	WISCO	240119	PP624	ALTFO	455018	PR1148	ITM	470954 <sup>28</sup>	PR1273	ITM	472560N <sup>28</sup>
PH284	WISCO	450117	PP624	ALTFO	476470	PR1148	ITM	480954	PR1275	ITM	473234 <sup>28</sup>
PH284	WISCO	472572 <sup>28</sup>	PP650	ALTFO	415072	PR1150	ITM	470601	PR1278	ITM	473215 <sup>28</sup>
PH285	WISCO	471529	PR1004	ITM	5751	PR1152	ITM	5976S	PR1281	ITM	481864
PH292	WISCO	471571	PR1007	ITM	350364	PR1153	ITM	340850	PR1284	ITM	450065
PH299	CASE	473227	PR1008	ITM	240385	PR1157	ITM	473467	PR1293	ITM	471647
PH299	COC	473227	PR1011	ITM	330385 <sup>28</sup>	PR1158	ITM	473440 <sup>28</sup>	PR1297	ITM	472560N <sup>28</sup>
PH299	WISCO	473227	PR1018	ITM	330385 <sup>28</sup>	PR1163	ITM	413469 <sup>28</sup>	PR1297	ITM	50151S
PH327	WISCO	471870 <sup>28</sup>	PR1023	ITM	455134 <sup>28</sup>	PR1165	ITM	480821 <sup>28</sup>	PR1298	ITM	471413 <sup>28</sup>
PH327	WISCO	471883	PR1026	ITM	415041	PR1166	ITM	342517	PR1300	ITM	471651
PH344	WISCO	470064	PR1029	HU-WR	412943	PR1171	ITM	411253 <sup>28</sup>	PR1302	ITM	43071S
PH344	WISCO	471821 <sup>28</sup>	PR1030	ITM	370036A	PR1173	ITM	473416	PR1303	ITM	471651
PH364	WISCO	471862	PR1031	ITM	473229 <sup>28</sup>	PR1174	ITM	473462	PR1305	ITM	471827 <sup>28</sup>
PH374	WISCO	472826 <sup>28</sup>	PR1037	ITM	455336	PR1175	ITM	5778	PR1306	ITM	471652
PH378	WISCO	473213 <sup>28</sup>	PR1039	ITM	350156	PR1182	ITM	471316	PR1308	ITM	471820
PH382	WISCO	450301	PR1039	ITM	473096	PR1183	ITM	5756	PR1311	ITM	471643 <sup>28</sup>
PH382	WISCO	472397 <sup>28</sup>	PR1044	ITM	43080S	PR1185	ITM	410190	PR1312	ITM	471643 <sup>28</sup>
PH382A	WISCO	450301	PR1045	ITM	353132	PR1189	ITM	470898	PR1314	ITM	471643 <sup>28</sup>
PH382A	WISCO	472397 <sup>28</sup>	PR1052	ITM	471442 <sup>28</sup>	PR1192	ITM	472452	PR1316	ITM	481644
PH391	WISCO	450085	PR1057	ITM	351487	PR1195	ITM	471267 <sup>28</sup>	PR1318	ITM	471646 <sup>28</sup>
PH391	WISCO	470530 <sup>28</sup>	PR1065	ITM	474277	PR1196	ITM	7600S	PR1319	ITM	471646 <sup>28</sup>
PH451	WISCO	6936S	PR1067	ITM	471526 <sup>28</sup>	PR1199	ITM	5836	PR1320	ITM	470062
PH529	WISCO	471737	PR1070	ITM	471526 <sup>28</sup>	PR1201	ITM	470354	PR1320	ITM	474264
PH557-A	WISCO	8597S	PR1072	ITM	471526 <sup>28</sup>	PR1202	ITM	471267 <sup>28</sup>	PR1321	ITM	6324S
PK524	AM BO	471532	PR1075	ITM	471281 <sup>28</sup>	PR1204	ITM	351267	PR1326	ITM	472705 <sup>28</sup>
PK524U	AM BO	471532	PR1076	ITM	415003	PR1204	ITM	471267 <sup>28</sup>	PR1330	ITM	471649 <sup>28</sup>
PL 30361PA,	ROLLS	710780	PR1076	ITM	415458 <sup>28</sup>	PR1206	ITM	340787	PR1331	ITM	471649 <sup>28</sup>
PL379	CONTI	470120	PR1078	ITM	351466	PR1210	ITM	40286	PR1332	ITM	473215 <sup>28</sup>
PL379	CONTI	471224 <sup>28</sup>	PR1078	ITM	471466 <sup>28</sup>	PR1214	ITM	350414	PR1333	ITM	473211 <sup>28</sup>
PM200322	JOHND	200322	PR1079	ITM	415234 <sup>28</sup>	PR1214	ITM	472311 <sup>28</sup>	PR1334	ITM	470625 <sup>28</sup>
PM200886	JOHND	200886	PR1082	ITM	416921 <sup>28</sup>	PR1220	ITM	471224 <sup>28</sup>	PR1337	ITM	471787 <sup>28</sup>
PM203029	JOHND	203029	PR1083	ITM	455151	PR1221	ITM	5827	PR1339	ITM	471652
PM204005	JOHND	204005	PR1086	ITM	351466	PR1223	ITM	471564	PR1340	ITM	6626S
PM204013	JOHND	204013	PR1086	ITM	471466 <sup>28</sup>	PR1226	ITM	474253	PR1343	ITM	415836
PM204035	JOHND	204035	PR1092	ITM	415234 <sup>28</sup>	PR1227	ITM	470680	PR1343	ITM	415995 <sup>28</sup>
PM204500	JOHND	204500 <sup>28</sup>	PR1093	ITM	40576S	PR1227	ITM	471570 <sup>28</sup>	PR1346	ITM	417316 <sup>28</sup>
PM204506	JOHND	204506 <sup>28</sup>	PR1094	ITM	471766 <sup>28</sup>	PR1234	ITM	470680	PR1349	ITM	8059S
PM204507	JOHND	204507 <sup>28</sup>	PR1095	ITM	471766 <sup>28</sup>	PR1234	ITM	471570 <sup>28</sup>	PR1353	ITM	415001 <sup>28</sup>
PM240319	JOHND	240319	PR1096	ITM	471766 <sup>28</sup>	PR1235	ITM	410737 <sup>28</sup>	PR1356	ITM	474260
PM2893	F-R-H	450441	PR1100	ITM	473450 <sup>28</sup>	PR1235	ITM	470737	PR1358	ITM	470328
PM2893	F-R-H	471341 <sup>28</sup>	PR1104	ITM	471766 <sup>28</sup>	PR1237	ITM	473473	PR1358	ITM	481213 <sup>28</sup>
PM415259	JOHND	415259 <sup>28</sup>	PR1112	ITM	416738 <sup>28</sup>	PR1238	ITM	415449 <sup>28</sup>	PR1361	ITM	474278
PMB7657A	FORD	7300S	PR1118	ITM	470954 <sup>28</sup>	PR1239	ITM	472409 <sup>28</sup>	PR1363	ITM	471419

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR1363	ITM	473367	PR1474	ITM	472354 <sup>28</sup>	PR1603	ITM	3395 <sup>28</sup>	PR1823	ITM	472439
PR1365	ITM	471684 <sup>28</sup>	PR1475	ITM	330663	PR1606	ITM	7537S	PR1824	ITM	471424 <sup>28</sup>
PR1365	ITM	471698	PR1475	ITM	472354 <sup>28</sup>	PR1612	ITM	471795	PR1834	ITM	471868
PR1366	ITM	471337	PR1476	ITM	412119 <sup>28</sup>	PR1613	ITM	416297	PR1836	ITM	471870 <sup>28</sup>
PR1367	ITM	472951	PR1482	ITM	450776 <sup>28</sup>	PR1614	ITM	471795	PR1836	ITM	471883
PR1367	ITM	474252	PR1493	ITM	410190	PR1615	ITM	471795	PR1840	ITM	450765 <sup>28</sup>
PR1368	ITM	450365	PR1495	ITM	455024	PR1617	ITM	450666	PR1841	ITM	323119
PR1368	ITM	470898	PR1501	ITM	471760	PR1618	ITM	473211 <sup>28</sup>	PR1843	ITM	323119
PR1369	ITM	472951	PR1503	ITM	416865 <sup>28</sup>	PR1620	ITM	470308N	PR1846	ITM	470543
PR1369	ITM	474252	PR1504	ITM	471762 <sup>28</sup>	PR1624	ITM	6781	PR1846	ITM	474272
PR1372	ITM	6064	PR1506	ITM	471763	PR1625	ITM	471192	PR1847	ITM	473440 <sup>28</sup>
PR1374	ITM	415960	PR1508	ITM	414268 <sup>28</sup>	PR1626	ITM	471192	PR1856	ITM	472179
PR1375	ITM	471688	PR1508	ITM	450539	PR1630	ITM	473224 <sup>28</sup>	PR1857	ITM	472572 <sup>28</sup>
PR1376	ITM	471689 <sup>28</sup>	PR1511	ITM	471765 <sup>28</sup>	PR1643	ITM	472070	PR1860	ITM	473241
PR1378	ITM	471831 <sup>28</sup>	PR1512	ITM	471765 <sup>28</sup>	PR1644	ITM	44052	PR1861	ITM	472492 <sup>28</sup>
PR1379	ITM	472636 <sup>28</sup>	PR1513	ITM	471765 <sup>28</sup>	PR1651	ITM	474255	PR1862	ITM	472492 <sup>28</sup>
PR1380	ITM	417172	PR1514	ITM	40769S	PR1652	ITM	471801 <sup>28</sup>	PR1863	ITM	472492 <sup>28</sup>
PR1381	ITM	471689 <sup>28</sup>	PR1515	ITM	417485	PR1653	ITM	471801 <sup>28</sup>	PR1865	ITM	331107N
PR1383	ITM	471869	PR1518	ITM	410694 <sup>28</sup>	PR1661	ITM	50468	PR1868	ITM	473204
PR1383	ITM	473459	PR1519	ITM	240356	PR1667	ITM	470625 <sup>28</sup>	PR1879	ITM	473444 <sup>28</sup>
PR1384	ITM	471689 <sup>28</sup>	PR1522	ITM	6635S	PR1669	ITM	470625 <sup>28</sup>	PR1883	ITM	473238 <sup>28</sup>
PR1385	ITM	450467	PR1524	ITM	415025	PR1679	ITM	450400	PR1884	ITM	473238 <sup>28</sup>
PR1387	ITM	471689 <sup>28</sup>	PR1525	ITM	471272 <sup>28</sup>	PR1681	ITM	471808 <sup>28</sup>	PR1885	ITM	472144 <sup>28</sup>
PR1390	ITM	471689 <sup>28</sup>	PR1527	ITM	5403	PR1690	ITM	7044NA	PR1886	ITM	472924 <sup>28</sup>
PR1391	ITM	472016 <sup>28</sup>	PR1528	ITM	5401	PR1696	ITM	482126	PR1887	ITM	472924 <sup>28</sup>
PR1392	ITM	471413V	PR1529	ITM	450444	PR1701	ITM	42081S <sup>28</sup>	PR1888	ITM	451948
PR1395	ITM	473203	PR1529	ITM	471835 <sup>28</sup>	PR1703	ITM	473215 <sup>28</sup>	PR1899	ITM	470989
PR1396	ITM	453165	PR1532	ITM	417172	PR1704	ITM	473215 <sup>28</sup>	PR1902	ITM	471984
PR1396	ITM	471619 <sup>28</sup>	PR1533	ITM	474253	PR1707	ITM	473231 <sup>28</sup>	PR1903	ITM	471984
PR1400	ITM	417267	PR1538	ITM	472258 <sup>28</sup>	PR1710	ITM	473231 <sup>28</sup>	PR1906	ITM	7044NA
PR1402	ITM	472636 <sup>28</sup>	PR1540	ITM	471192	PR1713	ITM	473237 <sup>28</sup>	PR1907	ITM	473239 <sup>28</sup>
PR1404	ITM	450593 <sup>28</sup>	PR1545	ITM	474276 <sup>28</sup>	PR1714	ITM	473237 <sup>28</sup>	PR1908	ITM	473239 <sup>28</sup>
PR1405	ITM	416011	PR1546	ITM	473313 <sup>28</sup>	PR1717	ITM	473237 <sup>28</sup>	PR1911	ITM	472394
PR1405	ITM	417621 <sup>28</sup>	PR1547	ITM	481163 <sup>28</sup>	PR1718	ITM	473231 <sup>28</sup>	PR1912	ITM	472394
PR1406	ITM	415437	PR1548	ITM	481163 <sup>28</sup>	PR1721	ITM	473237 <sup>28</sup>	PR1914	ITM	472394
PR1408	ITM	471141 <sup>28</sup>	PR1549	ITM	416476 <sup>28</sup>	PR1725	ITM	471818	PR1915	ITM	410308 <sup>28</sup>
PR1410	ITM	476283N	PR1551	ITM	471413 <sup>28</sup>	PR1729	ITM	470064	PR1915	ITM	473468
PR1413	ITM	416125 <sup>28</sup>	PR1554	ITM	6358	PR1729	ITM	471821 <sup>28</sup>	PR1916	ITM	472397 <sup>28</sup>
PR1419	ITM	476838 <sup>28</sup>	PR1559	ITM	471192	PR1731	ITM	473445	PR1917	ITM	450301
PR1420	ITM	476838 <sup>28</sup>	PR1561	ITM	416444	PR1732	ITM	470351	PR1917	ITM	472397 <sup>28</sup>
PR1421	ITM	412119 <sup>28</sup>	PR1562	ITM	417491	PR1736	ITM	451817	PR1918	ITM	472492 <sup>28</sup>
PR1422	ITM	415060	PR1571	ITM	453165	PR1751	ITM	470680	PR1921	ITM	330385 <sup>28</sup>
PR1423	ITM	473425	PR1571	ITM	471619 <sup>28</sup>	PR1751	ITM	471570 <sup>28</sup>	PR1924	ITM	473467
PR1426	ITM	42763	PR1572	ITM	7600S	PR1758	ITM	473214 <sup>28</sup>	PR1927	ITM	410520
PR1428	ITM	323138 <sup>28</sup>	PR1576	ITM	471785 <sup>28</sup>	PR1760	ITM	473226	PR1927	ITM	471272 <sup>28</sup>
PR1433	ITM	418028	PR1577	ITM	471785 <sup>28</sup>	PR1764	ITM	473228 <sup>28</sup>	PR1928	ITM	471272 <sup>28</sup>
PR1433	ITM	455137 <sup>28</sup>	PR1582	ITM	471787 <sup>28</sup>	PR1772	ITM	473229 <sup>28</sup>	PR1929	ITM	470605 <sup>28</sup>
PR1435	ITM	471103 <sup>28</sup>	PR1583	ITM	412871 <sup>28</sup>	PR1773	ITM	473229 <sup>28</sup>	PR1930	ITM	472397 <sup>28</sup>
PR1435	ITM	50197S	PR1583	ITM	450329	PR1779	ITM	473229 <sup>28</sup>	PR1931	ITM	471272 <sup>28</sup>
PR1451	ITM	470062	PR1584	ITM	473463	PR1781	ITM	472164 <sup>28</sup>	PR1932	ITM	471272 <sup>28</sup>
PR1451	ITM	474264	PR1585	ITM	415085 <sup>28</sup>	PR1782	ITM	472164 <sup>28</sup>	PR1933	ITM	471272 <sup>28</sup>
PR1453	ITM	471735	PR1585	ITM	456648	PR1783	ITM	472164 <sup>28</sup>	PR1934	ITM	473241
PR1457	ITM	470950 <sup>28</sup>	PR1589	ITM	471787 <sup>28</sup>	PR1788	ITM	450494	PR1937	ITM	470764 <sup>28</sup>
PR1457	ITM	6241S	PR1590	ITM	417316 <sup>28</sup>	PR1788	ITM	472164 <sup>28</sup>	PR1938	ITM	471341 <sup>28</sup>
PR1458	ITM	470712 <sup>28</sup>	PR1593	ITM	484054	PR1790	ITM	472041	PR1939	ITM	470764 <sup>28</sup>
PR1459	ITM	470712 <sup>28</sup>	PR1594	ITM	415697 <sup>28</sup>	PR1790	ITM	473454	PR1941	ITM	40555
PR1460	ITM	470712 <sup>28</sup>	PR1594	ITM	455547	PR1792	ITM	471195 <sup>28</sup>	PR1941	ITM	40555S <sup>28</sup>
PR1461	ITM	471466 <sup>28</sup>	PR1595	ITM	484054	PR1792	ITM	481195	PR1945	ITM	410308 <sup>28</sup>
PR1469	ITM	471737	PR1596	ITM	6760S	PR1810	ITM	470682	PR1945	ITM	473468
PR1474	ITM	352354	PR1599	ITM	470774 <sup>28</sup>	PR1817	ITM	472185 <sup>28</sup>	PR1951	ITM	470565 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR1952	ITM	471138 <sup>28</sup>	PR2080	ITM	450400	PR2198	ITM	70X90X10	PR2336	ITM	416404 <sup>28</sup>
PR1953	ITM	472150	PR2081	ITM	352560	PR2210	ITM	451143	PR2338	ITM	416404 <sup>28</sup>
PR1958	ITM	43290S	PR2081	ITM	472560N <sup>28</sup>	PR2211	ITM	340787	PR2339	ITM	415563
PR1965	ITM	482267	PR2082	ITM	470605 <sup>28</sup>	PR2219	ITM	416273	PR2339	ITM	417433 <sup>28</sup>
PR1968	ITM	226020	PR2086	ITM	413248	PR2223	ITM	6241S	PR2340	ITM	415563
PR1968	ITM	60X80X8 <sup>28</sup>	PR2087	ITM	470334 <sup>28</sup>	PR2224	ITM	8133S	PR2340	ITM	417433 <sup>28</sup>
PR1978	ITM	473464	PR2088	ITM	450104	PR2225	ITM	415988	PR2341	ITM	415563
PR1981	ITM	330385 <sup>28</sup>	PR2092	ITM	415984 <sup>28</sup>	PR2227	ITM	343105	PR2341	ITM	417433 <sup>28</sup>
PR1985	ITM	471887	PR2093	ITM	417082	PR2227	ITM	7399S <sup>28</sup>	PR2352	ITM	473243
PR1986	ITM	472029	PR2095	ITM	473466	PR2230	ITM	415458 <sup>28</sup>	PR2353	ITM	415138 <sup>28</sup>
PR1988	ITM	473243	PR2096	ITM	412473 <sup>28</sup>	PR2238	ITM	200851	PR2355	ITM	416011
PR1989	ITM	473245 <sup>28</sup>	PR2096	ITM	415894	PR2241	ITM	413478	PR2355	ITM	417621 <sup>28</sup>
PR1990	ITM	472636 <sup>28</sup>	PR2097	ITM	471733	PR2241	ITM	413478	PR2356	ITM	415156N
PR1993	ITM	450316	PR2099	ITM	415449 <sup>28</sup>	PR2243	ITM	470605 <sup>28</sup>	PR2360	ITM	343105
PR1993	ITM	472636 <sup>28</sup>	PR2100	ITM	411376 <sup>28</sup>	PR2244	ITM	470605 <sup>28</sup>	PR2360	ITM	7399S <sup>28</sup>
PR1998	ITM	471271 <sup>28</sup>	PR2101	ITM	417344 <sup>28</sup>	PR2245	ITM	2503N	PR2361	ITM	473010 <sup>28</sup>
PR1999	ITM	471271 <sup>28</sup>	PR2102	ITM	455186	PR2246	ITM	415449 <sup>28</sup>	PR2363	ITM	415442 <sup>28</sup>
PR2002	ITM	415150 <sup>28</sup>	PR2105	ITM	471564	PR2247	ITM	411376 <sup>28</sup>	PR2365	ITM	415086N
PR2003	ITM	417343 <sup>28</sup>	PR2106	ITM	471766 <sup>28</sup>	PR2249	ITM	473235 <sup>28</sup>	PR2365	ITM	417487 <sup>28</sup>
PR2005	ITM	416666	PR2107	ITM	471567 <sup>28</sup>	PR2253	ITM	470954 <sup>28</sup>	PR2367	ITM	415086N
PR2006	ITM	415645 <sup>28</sup>	PR2108	ITM	413246	PR2257	ITM	415563	PR2367	ITM	417487 <sup>28</sup>
PR2007	ITM	417196 <sup>28</sup>	PR2108	ITM	413246N	PR2257	ITM	417433 <sup>28</sup>	PR2368	ITM	450143
PR2008	ITM	456105	PR2111	ITM	412473 <sup>28</sup>	PR2258	ITM	417355 <sup>28</sup>	PR2369	ITM	415086N
PR2009	ITM	473423	PR2111	ITM	415894	PR2262	ITM	5408	PR2369	ITM	417487 <sup>28</sup>
PR2010	ITM	471553 <sup>28</sup>	PR2112	ITM	471763	PR2263	ITM	417343 <sup>28</sup>	PR2370	ITM	471554 <sup>28</sup>
PR2021	ITM	5487	PR2114	ITM	415449 <sup>28</sup>	PR2264	ITM	417316 <sup>28</sup>	PR2371	ITM	416288 <sup>28</sup>
PR2029	ITM	473426	PR2115	ITM	416921 <sup>28</sup>	PR2267	ITM	417316 <sup>28</sup>	PR2373	ITM	416470N
PR2030	ITM	340495	PR2116	ITM	415449 <sup>28</sup>	PR2270	ITM	455005	PR2374	ITM	455018
PR2032	ITM	412943	PR2121	ITM	472492 <sup>28</sup>	PR2272	ITM	470062	PR2374	ITM	476470
PR2033	ITM	8059S	PR2122	ITM	471271 <sup>28</sup>	PR2272	ITM	474264	PR2375	ITM	476470
PR2035	ITM	471750 <sup>28</sup>	PR2127	ITM	470898	PR2274	ITM	471862	PR2376	ITM	476470
PR2036	ITM	412119 <sup>28</sup>	PR2128	ITM	416404 <sup>28</sup>	PR2276	ITM	415281N	PR2377	ITM	471192
PR2037	ITM	417484 <sup>28</sup>	PR2131	ITM	415302	PR2277	ITM	417349 <sup>28</sup>	PR2381	ITM	416292
PR2037	ITM	417484N	PR2132	ITM	416891 <sup>28</sup>	PR2278	ITM	417349 <sup>28</sup>	PR2384	ITM	484054
PR2042	ITM	410694 <sup>28</sup>	PR2134	ITM	417549 <sup>28</sup>	PR2279	ITM	415281N	PR2386	ITM	476470
PR2043	ITM	472018	PR2135	ITM	415483	PR2280	ITM	417349 <sup>28</sup>	PR2387	ITM	415082
PR2044	ITM	340835	PR2136	ITM	415483	PR2286	ITM	455280	PR2390	ITM	476838 <sup>28</sup>
PR2045	ITM	471801 <sup>28</sup>	PR2137	ITM	415449 <sup>28</sup>	PR2287	ITM	415371	PR2396	ITM	415043
PR2050	ITM	417507 <sup>28</sup>	PR2139	ITM	455434	PR2288	ITM	456618	PR2399	ITM	415836
PR2050	ITM	455513	PR2140	ITM	416664 <sup>28</sup>	PR2290	ITM	415007	PR2399	ITM	415995 <sup>28</sup>
PR2052	ITM	410496 <sup>28</sup>	PR2143	ITM	416664 <sup>28</sup>	PR2293	ITM	417316 <sup>28</sup>	PR2401	ITM	350414
PR2053	ITM	410496 <sup>28</sup>	PR2145	ITM	240731	PR2293	ITM	455004	PR2401	ITM	472311 <sup>28</sup>
PR2054	ITM	410496 <sup>28</sup>	PR2147	ITM	8421S	PR2294	ITM	415960	PR2402	ITM	1037
PR2055	ITM	471529	PR2148	ITM	240414	PR2296	ITM	415009	PR2404	ITM	417171 <sup>28</sup>
PR2058	ITM	410102	PR2150	ITM	473237 <sup>28</sup>	PR2296	ITM	415960 <sup>28</sup>	PR2407	ITM	417490
PR2059	ITM	470380 <sup>28</sup>	PR2156	ITM	451182	PR2302	ITM	471570 <sup>28</sup>	PR2409	ITM	417491
PR2060	ITM	1167	PR2157	ITM	473214 <sup>28</sup>	PR2310	ITM	415254	PR2410	ITM	472164 <sup>28</sup>
PR2061	ITM	1167	PR2161	ITM	416024	PR2312	ITM	473203	PR2411	ITM	5976S
PR2063	ITM	472164 <sup>28</sup>	PR2165	ITM	412861	PR2317	ITM	455655 <sup>28</sup>	PR2414	ITM	416624 <sup>28</sup>
PR2064	ITM	416154 <sup>28</sup>	PR2169	ITM	471689 <sup>28</sup>	PR2320	ITM	415001 <sup>28</sup>	PR2415	ITM	412920 <sup>28</sup>
PR2065	ITM	471765 <sup>28</sup>	PR2170	ITM	417073	PR2325	ITM	471141 <sup>28</sup>	PR2416	ITM	416624 <sup>28</sup>
PR2066	ITM	471868	PR2174	ITM	240151	PR2326	ITM	416921 <sup>28</sup>	PR2419	ITM	417356 <sup>28</sup>
PR2067	ITM	413247 <sup>28</sup>	PR2176	ITM	415001 <sup>28</sup>	PR2328	ITM	480630 <sup>28</sup>	PR2423	ITM	416624 <sup>28</sup>
PR2069	ITM	473231 <sup>28</sup>	PR2183	ITM	6863S <sup>28</sup>	PR2330	ITM	472164 <sup>28</sup>	PR2425	ITM	416624 <sup>28</sup>
PR2070	ITM	450133	PR2184	ITM	5458	PR2331	ITM	415836	PR2427	ITM	456744N
PR2073	ITM	413247 <sup>28</sup>	PR2189	ITM	472409 <sup>28</sup>	PR2331	ITM	415995 <sup>28</sup>	PR2431	ITM	415138 <sup>28</sup>
PR2075	ITM	471281 <sup>28</sup>	PR2190	ITM	472492 <sup>28</sup>	PR2332	ITM	415836	PR2436	ITM	471413 <sup>28</sup>
PR2076	ITM	413247 <sup>28</sup>	PR2194	ITM	471076	PR2332	ITM	415995 <sup>28</sup>	PR2438	ITM	351487
PR2077	ITM	413247 <sup>28</sup>	PR2197	ITM	415303 <sup>28</sup>	PR2334	ITM	415013	PR2442	ITM	415088
PR2079	ITM	413478	PR2198	ITM	227040	PR2334	ITM	415995 <sup>28</sup>	PR2443	ITM	415088

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR2444	ITM	415088	PR2548	ITM	415001 <sup>2B</sup>	PR2656	ITM	471267 <sup>2B</sup>	PR2747	ITM	417533
PR2445	ITM	455356	PR2549	ITM	417205 <sup>2B</sup>	PR2657	ITM	416556 <sup>2B</sup>	PR2749	ITM	415284
PR2447	ITM	415088 <sup>2B</sup>	PR2558	ITM	455008	PR2657	ITM	472157	PR2751	ITM	415138 <sup>2B</sup>
PR2447	ITM	455088	PR2560	ITM	415021	PR2664	ITM	470380 <sup>2B</sup>	PR2759	ITM	417538
PR2449	ITM	415088 <sup>2B</sup>	PR2562	ITM	415035	PR2667	ITM	6985	PR2760	ITM	415711
PR2449	ITM	455088	PR2562	ITM	415953	PR2668	ITM	471984	PR2761	ITM	471649 <sup>2B</sup>
PR2450	ITM	415088	PR2563	ITM	415027	PR2670	ITM	473227 <sup>2B</sup>	PR2764	ITM	471643 <sup>2B</sup>
PR2452	ITM	5865	PR2564	ITM	415035	PR2673	ITM	473464	PR2767	ITM	470334 <sup>2B</sup>
PR2456	ITM	455310	PR2570	ITM	416339	PR2675	ITM	415958	PR2772	ITM	455203
PR2457	ITM	416229	PR2572	ITM	416339	PR2677	ITM	474278	PR2773	ITM	416137
PR2461	ITM	415072	PR2574	ITM	417344 <sup>2B</sup>	PR2678	ITM	415425	PR2774	ITM	416137
PR2462	ITM	417191	PR2575	ITM	415284	PR2680	ITM	415035	PR2775	ITM	472164 <sup>2B</sup>
PR2463	ITM	415437 <sup>2B</sup>	PR2577	ITM	416339	PR2680	ITM	415953	PR2777	ITM	416137
PR2463	ITM	455173	PR2577	ITM	455031 <sup>2B</sup>	PR2682	ITM	481443 <sup>2B</sup>	PR2778	ITM	471224 <sup>2B</sup>
PR2467	ITM	417542	PR2578	ITM	475004H	PR2688	ITM	471138 <sup>2B</sup>	PR2779	ITM	416321
PR2468	ITM	55419	PR2579	ITM	416339	PR2689	ITM	417514	PR2780	ITM	416149
PR2469	ITM	415991 <sup>2B</sup>	PR2580	ITM	415187	PR2690	ITM	415036	PR2781	ITM	473475
PR2469	ITM	415991N	PR2581	ITM	415035	PR2691	ITM	417247 <sup>2B</sup>	PR2782	ITM	416149
PR2471	ITM	471271 <sup>2B</sup>	PR2581	ITM	415953	PR2692	ITM	415036	PR2784	ITM	417356 <sup>2B</sup>
PR2477	ITM	415983N <sup>2B</sup>	PR2582	ITM	416345 <sup>2B</sup>	PR2694	ITM	455037	PR2785	ITM	473236 <sup>2B</sup>
PR2479	ITM	415303 <sup>2B</sup>	PR2585	ITM	417495	PR2696	ITM	471870 <sup>2B</sup>	PR2786	ITM	416149
PR2481	ITM	416404 <sup>2B</sup>	PR2586	ITM	415035	PR2696	ITM	471883	PR2787	ITM	472258 <sup>2B</sup>
PR2482	ITM	416154 <sup>2B</sup>	PR2586	ITM	415953	PR2697	ITM	471766 <sup>2B</sup>	PR2788	ITM	470954 <sup>2B</sup>
PR2483	ITM	415088	PR2587	ITM	471795	PR2698	ITM	417513	PR2791	ITM	416154 <sup>2B</sup>
PR2484	ITM	473228 <sup>2B</sup>	PR2588	ITM	455035N	PR2699	ITM	416891 <sup>2B</sup>	PR2792	ITM	416154 <sup>2B</sup>
PR2485	ITM	417354 <sup>2B</sup>	PR2589	ITM	471649 <sup>2B</sup>	PR2700	ITM	417554 <sup>2B</sup>	PR2793	ITM	416154 <sup>2B</sup>
PR2486	ITM	7840S	PR2590	ITM	470682	PR2701	ITM	473464	PR2797	ITM	416154 <sup>2B</sup>
PR2487	ITM	417354 <sup>2B</sup>	PR2593	ITM	415035	PR2702	ITM	455197N	PR2798	ITM	417534
PR2488	ITM	415483	PR2593	ITM	415953	PR2703	ITM	473010 <sup>2B</sup>	PR2800	ITM	471766 <sup>2B</sup>
PR2489	ITM	455434	PR2595	ITM	415035	PR2704	ITM	416380 <sup>2B</sup>	PR2801	ITM	416158
PR2490	ITM	3395 <sup>2B</sup>	PR2595	ITM	415953	PR2705	ITM	470088	PR2802	ITM	472319
PR2491	ITM	471785 <sup>2B</sup>	PR2597	ITM	417344 <sup>2B</sup>	PR2706	ITM	455079 <sup>2B</sup>	PR2803	ITM	6815
PR2493	ITM	417493	PR2606	ITM	417495	PR2707	ITM	416380 <sup>2B</sup>	PR2804	ITM	416158
PR2494	ITM	415711	PR2607	ITM	417316 <sup>2B</sup>	PR2708	ITM	415196 <sup>2B</sup>	PR2806	ITM	350936
PR2496	ITM	455858	PR2609	ITM	470380 <sup>2B</sup>	PR2709	ITM	471649 <sup>2B</sup>	PR2807	ITM	451857
PR2500	ITM	416047	PR2609	ITM	472189A <sup>2B</sup>	PR2710	ITM	473214 <sup>2B</sup>	PR2808	ITM	470351
PR2500	ITM	416332 <sup>2B</sup>	PR2612	ITM	416706 <sup>2B</sup>	PR2711	ITM	415991 <sup>2B</sup>	PR2809	ITM	470380 <sup>2B</sup>
PR2502	ITM	472951	PR2613	ITM	470898	PR2711	ITM	415991N	PR2809	ITM	472189A <sup>2B</sup>
PR2502	ITM	474252	PR2618	ITM	480210 <sup>2B</sup>	PR2712	ITM	415991 <sup>2B</sup>	PR2810	ITM	473231 <sup>2B</sup>
PR2507	ITM	417211 <sup>2B</sup>	PR2622	ITM	416888 <sup>2B</sup>	PR2712	ITM	415991N	PR2811	ITM	240698
PR2510	ITM	5965	PR2623	ITM	470625 <sup>2B</sup>	PR2713	ITM	473214 <sup>2B</sup>	PR2813	ITM	410987 <sup>2B</sup>
PR2512	ITM	471689 <sup>2B</sup>	PR2624	ITM	416327	PR2715	ITM	416888 <sup>2B</sup>	PR2814	ITM	451078 <sup>2B</sup>
PR2513	ITM	473237 <sup>2B</sup>	PR2625	ITM	470898	PR2717	ITM	417344 <sup>2B</sup>	PR2815	ITM	200642
PR2516	ITM	456305	PR2626	ITM	416327	PR2719	ITM	415437	PR2816	ITM	410737 <sup>2B</sup>
PR2518	ITM	415379	PR2628	ITM	455471	PR2721	ITM	473231 <sup>2B</sup>	PR2816	ITM	470737
PR2521	ITM	415937 <sup>2B</sup>	PR2631	ITM	417484 <sup>2B</sup>	PR2724	ITM	416149	PR2820	ITM	416167 <sup>2B</sup>
PR2522	ITM	417501	PR2631	ITM	417484N	PR2726	ITM	415836	PR2821	ITM	416167 <sup>2B</sup>
PR2524	ITM	415379	PR2632	ITM	415559	PR2726	ITM	415995 <sup>2B</sup>	PR2821	ITM	455091
PR2526	ITM	471442 <sup>2B</sup>	PR2633	ITM	471689 <sup>2B</sup>	PR2728	ITM	472492 <sup>2B</sup>	PR2823	ITM	474253
PR2527	ITM	450482	PR2634	ITM	415559	PR2730	ITM	471689 <sup>2B</sup>	PR2824	ITM	417539 <sup>2B</sup>
PR2530	ITM	416339	PR2636	ITM	417499	PR2731	ITM	472041	PR2825	ITM	471231 <sup>2B</sup>
PR2531	ITM	470077	PR2637	ITM	417499	PR2731	ITM	473454	PR2826	ITM	412920 <sup>2B</sup>
PR2531	ITM	474281 <sup>2B</sup>	PR2643	ITM	6835S	PR2732	ITM	416153 <sup>2B</sup>	PR2827	ITM	415725 <sup>2B</sup>
PR2536	ITM	473213 <sup>2B</sup>	PR2644	ITM	472492 <sup>2B</sup>	PR2740	ITM	416135 <sup>2B</sup>	PR2828	ITM	415449 <sup>2B</sup>
PR2540	ITM	450400	PR2647	ITM	417357	PR2741	ITM	416345 <sup>2B</sup>	PR2829	ITM	473240 <sup>2B</sup>
PR2541	ITM	473238 <sup>2B</sup>	PR2648	ITM	471224 <sup>2B</sup>	PR2742	ITM	415045 <sup>2B</sup>	PR2830	ITM	471231 <sup>2B</sup>
PR2542	ITM	471267 <sup>2B</sup>	PR2649	ITM	415142	PR2743	ITM	471766 <sup>2B</sup>	PR2831	ITM	471567 <sup>2B</sup>
PR2543	ITM	455032 <sup>2B</sup>	PR2650	ITM	455194	PR2744	ITM	471442 <sup>2B</sup>	PR2833	ITM	416267 <sup>2B</sup>
PR2545	ITM	455820	PR2653	ITM	471231 <sup>2B</sup>	PR2745	ITM	415047	PR2836	ITM	416130 <sup>2B</sup>
PR2547	ITM	417494	PR2654	ITM	471413 <sup>2B</sup>	PR2746	ITM	417525	PR2837	ITM	417353 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR2842	ITM	417522	PR2929	ITM	472179	PR3025	ITM	417365	PR3155	ITM	410694 <sup>28</sup>
PR2843	ITM	416070	PR2930	ITM	417547	PR3026	ITM	410102	PR3156	ITM	473241
PR2844	ITM	417252	PR2932	ITM	412920 <sup>28</sup>	PR3028	ITM	417365	PR3157	ITM	412725
PR2845	ITM	471272 <sup>28</sup>	PR2934	ITM	417354 <sup>28</sup>	PR3031	ITM	455330 <sup>28</sup>	PR3162	ITM	416008
PR2848	ITM	416557	PR2935	ITM	415645 <sup>28</sup>	PR3032	ITM	472299	PR3165	ITM	416239 <sup>28</sup>
PR2853	ITM	450412	PR2935	ITM	455104	PR3035	ITM	471801 <sup>28</sup>	PR3166	ITM	416239 <sup>28</sup>
PR2854	ITM	415351 <sup>28</sup>	PR2937	ITM	417350 <sup>28</sup>	PR3036	ITM	470548	PR3167	ITM	473016 <sup>28</sup>
PR2856	ITM	415066	PR2938	ITM	470712 <sup>28</sup>	PR3036	ITM	470625 <sup>28</sup>	PR3168	ITM	472492 <sup>28</sup>
PR2857	ITM	415066	PR2940	ITM	417254	PR3043	ITM	473231 <sup>28</sup>	PR3173	ITM	415867
PR2861	ITM	417269 <sup>28</sup>	PR2942	ITM	415938	PR3044	ITM	340724 <sup>28</sup>	PR3174	ITM	415867
PR2863	ITM	417273	PR2943	ITM	416271 <sup>28</sup>	PR3048	ITM	473228 <sup>28</sup>	PR3176	ITM	416077
PR2864	ITM	416865 <sup>28</sup>	PR2944	ITM	417546 <sup>28</sup>	PR3049	ITM	471195 <sup>28</sup>	PR3178	ITM	416102
PR2864	ITM	455070	PR2945	ITM	417495	PR3049	ITM	481195	PR3179	ITM	415116
PR2865	ITM	416865 <sup>28</sup>	PR2946	ITM	415938	PR3050	ITM	473455 <sup>28</sup>	PR3181	ITM	410987 <sup>28</sup>
PR2866	ITM	416865 <sup>28</sup>	PR2947	ITM	415938	PR3052	ITM	471195 <sup>28</sup>	PR3182	ITM	471419
PR2867	ITM	417258	PR2948	ITM	417360	PR3052	ITM	481195	PR3182	ITM	473367
PR2868	ITM	417258	PR2950	ITM	417555 <sup>28</sup>	PR3056	ITM	417191	PR3185	ITM	473214 <sup>28</sup>
PR2870	ITM	417262 <sup>28</sup>	PR2951	ITM	417555 <sup>28</sup>	PR3058	ITM	472041	PR3186	ITM	471646 <sup>28</sup>
PR2871	ITM	224015	PR2956	ITM	480630 <sup>28</sup>	PR3058	ITM	473454	PR3189	ITM	351267
PR2872	ITM	417262 <sup>28</sup>	PR2956	ITM	480991	PR3060	ITM	473205 <sup>28</sup>	PR3189	ITM	471267 <sup>28</sup>
PR2874	ITM	455008	PR2960	ITM	417542	PR3062	ITM	471692 <sup>28</sup>	PR3193	ITM	472213
PR2876	ITM	473232 <sup>28</sup>	PR2961	ITM	417542	PR3066	ITM	472258 <sup>28</sup>	PR3194	ITM	473231 <sup>28</sup>
PR2877	ITM	476842	PR2963	ITM	471787 <sup>28</sup>	PR3067	ITM	410102	PR3195	ITM	350414
PR2879	ITM	412473 <sup>28</sup>	PR2964	ITM	481568 <sup>28</sup>	PR3068	ITM	472924 <sup>28</sup>	PR3195	ITM	472311 <sup>28</sup>
PR2879	ITM	415894	PR2965	ITM	417549 <sup>28</sup>	PR3070	ITM	471316	PR3196	ITM	453065
PR2887	ITM	471255 <sup>28</sup>	PR2966	ITM	416664 <sup>28</sup>	PR3076	ITM	472572 <sup>28</sup>	PR3201	ITM	472070
PR2889	ITM	417546 <sup>28</sup>	PR2969	ITM	476470	PR3077	ITM	455480 <sup>28</sup>	PR3202	ITM	473443
PR2890	ITM	415035	PR2970	ITM	417554 <sup>28</sup>	PR3080	ITM	415072	PR3202	ITM	474274
PR2890	ITM	415953	PR2972	ITM	417554 <sup>28</sup>	PR3082	ITM	415294 <sup>28</sup>	PR3204	ITM	473458
PR2891	ITM	417358	PR2973	ITM	416288 <sup>28</sup>	PR3083	ITM	415294 <sup>28</sup>	PR3207	ITM	55524
PR2892	ITM	470530 <sup>28</sup>	PR2974	ITM	481163 <sup>28</sup>	PR3085	ITM	415294 <sup>28</sup>	PR3208	ITM	473238 <sup>28</sup>
PR2893	ITM	200640	PR2975	ITM	55357	PR3089	ITM	472439	PR3209	ITM	471272 <sup>28</sup>
PR2895	ITM	452222 <sup>28</sup>	PR2976	ITM	416107 <sup>28</sup>	PR3091	ITM	472299	PR3210	ITM	412027
PR2896	ITM	417551	PR2977	ITM	472354 <sup>28</sup>	PR3099	ITM	417562	PR3213	ITM	415551
PR2899	ITM	472070	PR2977	ITM	50395S	PR3108	ITM	471737	PR3221	ITM	417598
PR2901	ITM	472924 <sup>28</sup>	PR2978	ITM	412040	PR3111	ITM	415058	PR3224	ITM	455406 <sup>28</sup>
PR2906	ITM	6200	PR2979	ITM	416107 <sup>28</sup>	PR3113	ITM	470380 <sup>28</sup>	PR3228	ITM	351466
PR2908	ITM	417541	PR2980	ITM	417549 <sup>28</sup>	PR3114	ITM	415854	PR3228	ITM	471466 <sup>28</sup>
PR2909	ITM	417541	PR2981	ITM	416107 <sup>28</sup>	PR3115	ITM	417563	PR3230	ITM	416664 <sup>28</sup>
PR2910	ITM	410708	PR2983	ITM	417362 <sup>28</sup>	PR3116	ITM	417563	PR3231	ITM	417600
PR2911	ITM	417344 <sup>28</sup>	PR2986	ITM	451147H	PR3117	ITM	451948	PR3233	ITM	473234 <sup>28</sup>
PR2911	ITM	455006	PR2989	ITM	417349 <sup>28</sup>	PR3118	ITM	1992	PR3236	ITM	415138 <sup>28</sup>
PR2912	ITM	418029 <sup>28</sup>	PR2992	ITM	417544	PR3119	ITM	417563	PR3237	ITM	470605 <sup>28</sup>
PR2912	ITM	455499	PR2994	ITM	471141 <sup>28</sup>	PR3120	ITM	455480 <sup>28</sup>	PR3239	ITM	417601
PR2914	ITM	473228	PR2995	ITM	472185 <sup>28</sup>	PR3125	ITM	472164 <sup>28</sup>	PR3242	ITM	343105
PR2914	ITM	51098	PR2999	ITM	416666	PR3127	ITM	416229	PR3242	ITM	7399S <sup>28</sup>
PR2915	ITM	473215 <sup>28</sup>	PR3000	ITM	471750 <sup>28</sup>	PR3128	ITM	450639	PR3250	ITM	472492 <sup>28</sup>
PR2916	ITM	415458 <sup>28</sup>	PR3001	ITM	473475	PR3130	ITM	473234 <sup>28</sup>	PR3251	ITM	470074
PR2917	ITM	415437	PR3002	ITM	473444 <sup>28</sup>	PR3131	ITM	40337S	PR3251	ITM	474265
PR2919	ITM	417351 <sup>28</sup>	PR3004	ITM	470334 <sup>28</sup>	PR3133	ITM	470625 <sup>28</sup>	PR3252	ITM	414268 <sup>28</sup>
PR2920	ITM	472015 <sup>28</sup>	PR3007	ITM	473225 <sup>28</sup>	PR3134	ITM	416364 <sup>28</sup>	PR3252	ITM	450539
PR2921	ITM	471264 <sup>28</sup>	PR3008	ITM	417499	PR3136	ITM	416364 <sup>28</sup>	PR3254	ITM	415958
PR2923	ITM	411394 <sup>28</sup>	PR3009	ITM	473226	PR3137	ITM	416364 <sup>28</sup>	PR3259	ITM	473210
PR2924	ITM	415379	PR3011	ITM	40154S	PR3138	ITM	470625 <sup>28</sup>	PR3260	ITM	471854 <sup>28</sup>
PR2925	ITM	210945	PR3014	ITM	473010 <sup>28</sup>	PR3140	ITM	472179	PR3261	ITM	417602 <sup>28</sup>
PR2926	ITM	415379	PR3018	ITM	415683	PR3142	ITM	472572 <sup>28</sup>	PR3262	ITM	417602 <sup>28</sup>
PR2927	ITM	412473 <sup>28</sup>	PR3020	ITM	456305	PR3143	ITM	417298	PR3263	ITM	471854 <sup>28</sup>
PR2927	ITM	415894	PR3021	ITM	415683	PR3145	ITM	417596	PR3264	ITM	350954
PR2928	ITM	415991 <sup>28</sup>	PR3023	ITM	416476 <sup>28</sup>	PR3151	ITM	471760	PR3264	ITM	470954 <sup>28</sup>
PR2928	ITM	415991N	PR3024	ITM	416476 <sup>28</sup>	PR3154	ITM	43076S	PR3267	ITM	415683

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR3269	ITM	412725	PR3361	ITM	471692 <sup>28</sup>	PR3511	ITM	471192	PR3702	ITM	415035
PR3270	ITM	472492 <sup>28</sup>	PR3364	ITM	473230 <sup>28</sup>	PR3517	ITM	471141 <sup>28</sup>	PR3702	ITM	415953
PR3277	ITM	417602 <sup>28</sup>	PR3366	ITM	417191	PR3518	ITM	413248	PR3703	ITM	471316
PR3278	ITM	471766 <sup>28</sup>	PR3369	ITM	417020	PR3520	ITM	471271 <sup>28</sup>	PR3709	ITM	416654 <sup>28</sup>
PR3279	ITM	330385 <sup>28</sup>	PR3370	ITM	417020	PR3521	ITM	415045 <sup>28</sup>	PR3711	ITM	416654 <sup>28</sup>
PR3281	ITM	471224 <sup>28</sup>	PR3373	ITM	413472	PR3524	ITM	415138 <sup>28</sup>	PR3712	ITM	415086N
PR3282	ITM	340815	PR3378	ITM	415227 <sup>28</sup>	PR3525	ITM	416158	PR3712	ITM	417487 <sup>28</sup>
PR3283	ITM	351466	PR3379	ITM	417571	PR3526	ITM	417584	PR3725	ITM	471689 <sup>28</sup>
PR3283	ITM	471466 <sup>28</sup>	PR3381	ITM	415991 <sup>28</sup>	PR3527	ITM	417511	PR3726	ITM	417352
PR3284	ITM	473440 <sup>28</sup>	PR3381	ITM	415991N	PR3530	ITM	415072	PR3726	ITM	418028
PR3285	ITM	473231 <sup>28</sup>	PR3382	ITM	472572 <sup>28</sup>	PR3531	ITM	416029N <sup>28</sup>	PR3727	ITM	450084 <sup>28</sup>
PR3286	ITM	473215 <sup>28</sup>	PR3383	ITM	471801 <sup>28</sup>	PR3532	ITM	416364 <sup>28</sup>	PR3730	ITM	470530 <sup>28</sup>
PR3287	ITM	55301S	PR3385	ITM	470334 <sup>28</sup>	PR3533	ITM	416239 <sup>28</sup>	PR3731	ITM	417159
PR3289	ITM	471466 <sup>28</sup>	PR3386	ITM	471571	PR3540	ITM	473016 <sup>28</sup>	PR3732	ITM	472397 <sup>28</sup>
PR3290	ITM	471554 <sup>28</sup>	PR3391	ITM	415871	PR3547	ITM	470954 <sup>28</sup>	PR3734	ITM	416738 <sup>28</sup>
PR3291	ITM	471442 <sup>28</sup>	PR3392	ITM	471766 <sup>28</sup>	PR3548	ITM	416041	PR3735	ITM	473450 <sup>28</sup>
PR3292	ITM	471554 <sup>28</sup>	PR3395	ITM	415483	PR3551	ITM	416135 <sup>28</sup>	PR3736	ITM	470530 <sup>28</sup>
PR3293	ITM	471498	PR3396	ITM	415066	PR3552	ITM	416047	PR3737	ITM	410496 <sup>28</sup>
PR3296	ITM	470606 <sup>28</sup>	PR3398	ITM	471354 <sup>28</sup>	PR3552	ITM	416332 <sup>28</sup>	PR3738	ITM	473466
PR3297	ITM	472041	PR3399	ITM	471649 <sup>28</sup>	PR3557	ITM	471870 <sup>28</sup>	PR3739	ITM	473467
PR3297	ITM	473454	PR3402	ITM	471281 <sup>28</sup>	PR3557	ITM	471883	PR3742	ITM	416664 <sup>28</sup>
PR3298	ITM	415991 <sup>28</sup>	PR3412	ITM	417606	PR3560	ITM	350394	PR3744	ITM	350435
PR3298	ITM	415991N	PR3416	ITM	417608	PR3560	ITM	473227	PR3746	ITM	417352
PR3300	ITM	416657	PR3419	ITM	473238 <sup>28</sup>	PR3566	ITM	473444 <sup>28</sup>	PR3746	ITM	418028
PR3306	ITM	471255 <sup>28</sup>	PR3420	ITM	473423	PR3568	ITM	471652	PR3747	ITM	472016 <sup>28</sup>
PR3307	ITM	473425	PR3421	ITM	417606	PR3570	ITM	471801 <sup>28</sup>	PR3750	ITM	473447
PR3308	ITM	455476	PR3435	ITM	471763	PR3571	ITM	416158	PR3756	ITM	472029
PR3309	ITM	470351	PR3444	ITM	472492 <sup>28</sup>	PR3582	ITM	416394	PR3757	ITM	410752
PR3310	ITM	470950 <sup>28</sup>	PR3446	ITM	224040	PR3586	ITM	417605	PR3761	ITM	472636 <sup>28</sup>
PR3310	ITM	6241S	PR3446	ITM	40X60X10 <sup>28</sup>	PR3588	ITM	416257	PR3763	ITM	450067
PR3312	ITM	417352	PR3452	ITM	470565 <sup>28</sup>	PR3592	ITM	340400	PR3763	ITM	473228
PR3312	ITM	418028	PR3453	ITM	472397 <sup>28</sup>	PR3599	ITM	473427	PR3766	ITM	413470 <sup>28</sup>
PR3313	ITM	413247 <sup>28</sup>	PR3454	ITM	472164 <sup>28</sup>	PR3602	ITM	417606	PR3767	ITM	410102
PR3314	ITM	417022	PR3456	ITM	470590	PR3609	ITM	6863S <sup>28</sup>	PR3768	ITM	471554 <sup>28</sup>
PR3316	ITM	43089S	PR3458	ITM	471192	PR3610	ITM	471264 <sup>28</sup>	PR3769	ITM	471689 <sup>28</sup>
PR3318	ITM	353120	PR3460	ITM	473214 <sup>28</sup>	PR3611	ITM	471264 <sup>28</sup>	PR3773	ITM	473236 <sup>28</sup>
PR3319	ITM	455462	PR3461	ITM	473214 <sup>28</sup>	PR3612	ITM	472029	PR3775	ITM	417343 <sup>28</sup>
PR3320	ITM	473233 <sup>28</sup>	PR3464	ITM	470354	PR3614	ITM	417608	PR3776	ITM	451845
PR3323	ITM	471787 <sup>28</sup>	PR3470	ITM	1012N	PR3618	ITM	473234 <sup>28</sup>	PR3782	ITM	416664 <sup>28</sup>
PR3324	ITM	481834	PR3470	ITM	45X62X8 <sup>28</sup>	PR3622	ITM	470774 <sup>28</sup>	PR3787	ITM	416664 <sup>28</sup>
PR3326	ITM	413472	PR3476	ITM	473228 <sup>28</sup>	PR3623	ITM	471271 <sup>28</sup>	PR3789	ITM	412861
PR3329	ITM	2260	PR3477	ITM	471795	PR3624	ITM	417262 <sup>28</sup>	PR3790	ITM	412861
PR3330	ITM	1167	PR3479	ITM	471766 <sup>28</sup>	PR3628	ITM	473226	PR3793	ITM	416865 <sup>28</sup>
PR3338	ITM	481481	PR3481	ITM	472299	PR3630	ITM	474255	PR3795	ITM	323138 <sup>28</sup>
PR3340	ITM	415090	PR3484	ITM	1208	PR3631	ITM	417316 <sup>28</sup>	PR3796	ITM	455151
PR3344	ITM	55078S	PR3484	ITM	48X72X7 <sup>28</sup>	PR3631	ITM	455004	PR3804	ITM	471652
PR3345	ITM	472572 <sup>28</sup>	PR3485	ITM	226020	PR3632	ITM	417608	PR3806	ITM	416956
PR3346	ITM	240698	PR3485	ITM	60X80X8 <sup>28</sup>	PR3634	ITM	416271 <sup>28</sup>	PR3811	ITM	472299
PR3347	ITM	417073	PR3487	ITM	224045	PR3640	ITM	471646 <sup>28</sup>	PR3812	ITM	415960
PR3348	ITM	471870 <sup>28</sup>	PR3488	ITM	470351	PR3643	ITM	352560	PR3814	ITM	472475
PR3348	ITM	471883	PR3490	ITM	450593 <sup>28</sup>	PR3643	ITM	472560N <sup>28</sup>	PR3815	ITM	473466
PR3349	ITM	471526 <sup>28</sup>	PR3495	ITM	472164 <sup>28</sup>	PR3644	ITM	474255	PR3819	ITM	417269 <sup>28</sup>
PR3351	ITM	472041	PR3498	ITM	471224 <sup>28</sup>	PR3648	ITM	471649 <sup>28</sup>	PR3828	ITM	455858
PR3351	ITM	473454	PR3503	ITM	471413 <sup>28</sup>	PR3649	ITM	1012N	PR3829	ITM	416156
PR3352	ITM	471649 <sup>28</sup>	PR3504	ITM	471558	PR3649	ITM	45X62X8 <sup>28</sup>	PR3832	ITM	473203
PR3354	ITM	471868	PR3506	ITM	415302	PR3654	ITM	471692 <sup>28</sup>	PR3835	ITM	471737
PR3356	ITM	471692 <sup>28</sup>	PR3508	ITM	472299	PR3656	ITM	471692 <sup>28</sup>	PR3837	ITM	472572 <sup>28</sup>
PR3357	ITM	473441	PR3509	ITM	473228 <sup>28</sup>	PR3698	ITM	472041	PR3839	ITM	471651
PR3359	ITM	330385 <sup>28</sup>	PR3510	ITM	471224 <sup>28</sup>	PR3698	ITM	473454	PR3841	ITM	340797
PR3360	ITM	240470				PR3701	ITM	471854 <sup>28</sup>	PR3843	ITM	456744N

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR3858	ITM	471195 <sup>28</sup>	PR4507	ITM	472164 <sup>28</sup>	PR4643	ITM	416556 <sup>28</sup>	PR4773	ITM	415389
PR3858	ITM	481195	PR4508	ITM	415088	PR4643	ITM	472157	PR4774	ITM	416127
PR3859	ITM	415991 <sup>28</sup>	PR4509	ITM	416364 <sup>28</sup>	PR4650	ITM	43080S	PR4780	ITM	223240
PR3859	ITM	415991N	PR4510	ITM	471571	PR4654	ITM	410825	PR4780	ITM	32X48X8 <sup>28</sup>
PR3866	ITM	330663	PR4511	ITM	473215 <sup>28</sup>	PR4655	ITM	455966	PR4782	ITM	472324 <sup>28</sup>
PR3866	ITM	472354 <sup>28</sup>	PR4514	ITM	343186	PR4660	ITM	330663	PR4784	ITM	223840
PR3867	ITM	471692 <sup>28</sup>	PR4515	ITM	416921 <sup>28</sup>	PR4660	ITM	472354 <sup>28</sup>	PR4784	ITM	38X58X8 <sup>28</sup>
PR3868	ITM	473229 <sup>28</sup>	PR4517	ITM	473211 <sup>28</sup>	PR4662	ITM	473235 <sup>28</sup>	PR4785	ITM	1177
PR3879	ITM	417356 <sup>28</sup>	PR4519	ITM	473445	PR4666	ITM	1180	PR4788	ITM	1176
PR3888	ITM	416556 <sup>28</sup>	PR4521	ITM	471267 <sup>28</sup>	PR4666	ITM	41X55X7 <sup>28</sup>	PR4789	ITM	1180
PR3888	ITM	472157	PR4524	ITM	455584	PR4667	ITM	471737	PR4789	ITM	41X55X7 <sup>28</sup>
PR3890	ITM	473016 <sup>28</sup>	PR4528	ITM	476470	PR4668	ITM	471571	PR4790	ITM	473227 <sup>28</sup>
PR3891	ITM	471735	PR4530	ITM	224820	PR4672	ITM	455566	PR4792	ITM	1176
PR3893	ITM	416557	PR4530	ITM	48X62X8 <sup>28</sup>	PR4673	ITM	413248	PR4795	ITM	414045 <sup>28</sup>
PR3895	ITM	7600S	PR4543	ITM	415867	PR4675	ITM	417134	PR4801	ITM	1953
PR3898	ITM	417530	PR4544	ITM	1174	PR4676	ITM	472747	PR4801	ITM	42X60X7 <sup>28</sup>
PR3902	ITM	416891 <sup>28</sup>	PR4548	ITM	470354	PR4677	ITM	474278	PR4802	ITM	223542
PR3904	ITM	450984	PR4549	ITM	415958	PR4677	ITM	480356	PR4802	ITM	35X55X11 <sup>28</sup>
PR3908	ITM	471224 <sup>28</sup>	PR4550	ITM	417172	PR4678	ITM	416154 <sup>28</sup>	PR4808	ITM	473467
PR3909	ITM	471705 <sup>28</sup>	PR4551	ITM	472572 <sup>28</sup>	PR4679	ITM	473214 <sup>28</sup>	PR4809	ITM	481443 <sup>28</sup>
PR3911	ITM	470898	PR4552	ITM	40555	PR4685	ITM	471316	PR4810	ITM	473242
PR3912	ITM	471224 <sup>28</sup>	PR4552	ITM	40555S <sup>28</sup>	PR4686	ITM	470088	PR4813	ITM	473237 <sup>28</sup>
PR3916	ITM	455396	PR4553	ITM	473467	PR4692	ITM	472070	PR4814	ITM	472492 <sup>28</sup>
PR3919	ITM	471750 <sup>28</sup>	PR4557	ITM	473466	PR4695	ITM	472070	PR4817	ITM	5976S
PR3920	ITM	415697 <sup>28</sup>	PR4560	ITM	472016 <sup>28</sup>	PR4696	ITM	471785 <sup>28</sup>	PR4818	ITM	471267 <sup>28</sup>
PR3923	ITM	343186	PR4561	ITM	471271 <sup>28</sup>	PR4698	ITM	327303 <sup>28</sup>	PR4819	ITM	474253
PR3924	ITM	473224 <sup>28</sup>	PR4565	ITM	474276 <sup>28</sup>	PR4700	ITM	471472 <sup>28</sup>	PR4820	ITM	470328
PR3926	ITM	472082	PR4566	ITM	481181 <sup>28</sup>	PR4704	ITM	417597	PR4820	ITM	481213 <sup>28</sup>
PR3927	ITM	417492	PR4566	ITM	481181N	PR4708	ITM	472658	PR4822	ITM	471224 <sup>28</sup>
PR3928	ITM	416135 <sup>28</sup>	PR4569	ITM	471649 <sup>28</sup>	PR4708	ITM	473197	PR4825	ITM	352354
PR3929	ITM	450307	PR4572	ITM	472475	PR4710	ITM	450446	PR4825	ITM	472354 <sup>28</sup>
PR3933	ITM	224820	PR4573	ITM	417262 <sup>28</sup>	PR4711	ITM	416271 <sup>28</sup>	PR4826	ITM	473463
PR3933	ITM	48X62X8 <sup>28</sup>	PR4577	ITM	321460	PR4712	ITM	455251H	PR4829	ITM	415871
PR3935	ITM	417509	PR4583	ITM	33X50X12 <sup>28</sup>	PR4715	ITM	417247 <sup>28</sup>	PR4831	ITM	417262 <sup>28</sup>
PR3944	ITM	471801 <sup>28</sup>	PR4593	ITM	416107 <sup>28</sup>	PR4718	ITM	471762 <sup>28</sup>	PR4833	ITM	417556
PR3950	ITM	415150 <sup>28</sup>	PR4595	ITM	471854 <sup>28</sup>	PR4719	ITM	312518 <sup>28</sup>	PR4834	ITM	415867
PR3951	ITM	471267 <sup>28</sup>	PR4597	ITM	472179	PR4720	ITM	450177	PR4837	ITM	415458 <sup>28</sup>
PR3962	ITM	471231 <sup>28</sup>	PR4599	ITM	350435	PR4722	ITM	471466 <sup>28</sup>	PR4838	ITM	415458 <sup>28</sup>
PR3964	ITM	415483	PR4604	ITM	351466	PR4723	ITM	6663S	PR4839	ITM	470898
PR3970	ITM	450326	PR4604	ITM	471466 <sup>28</sup>	PR4724	ITM	471224 <sup>28</sup>	PR4846	ITM	45187S
PR3971	ITM	472258 <sup>28</sup>	PR4605	ITM	417601	PR4725	ITM	450311	PR4847	ITM	415836
PR3975	ITM	227040	PR4606	ITM	240733	PR4726	ITM	415449 <sup>28</sup>	PR4847	ITM	415995 <sup>28</sup>
PR3975	ITM	70X90X10 <sup>28</sup>	PR4607	ITM	471689 <sup>28</sup>	PR4731	ITM	417171 <sup>28</sup>	PR4848	ITM	473473
PR3982	ITM	450604	PR4609	ITM	471652	PR4735	ITM	417254	PR4849	ITM	412119 <sup>28</sup>
PR3985	ITM	473423	PR4610	ITM	471760	PR4736	ITM	415379	PR4854	ITM	345146
PR3988	ITM	471532	PR4613	ITM	473448	PR4737	ITM	415449 <sup>28</sup>	PR4855	ITM	55030
PR3990	ITM	471870 <sup>28</sup>	PR4614	ITM	41026S	PR4740	ITM	471684 <sup>28</sup>	PR4857	ITM	481073
PR3990	ITM	471883	PR4617	ITM	416624 <sup>28</sup>	PR4740	ITM	471698	PR4858	ITM	417191
PR3992	ITM	415984 <sup>28</sup>	PR4618	ITM	415836	PR4742	ITM	471870 <sup>28</sup>	PR4862	ITM	471570 <sup>28</sup>
PR3993	ITM	415725 <sup>28</sup>	PR4618	ITM	415995 <sup>28</sup>	PR4742	ITM	471883	PR4864	ITM	416404 <sup>28</sup>
PR3998	ITM	473227 <sup>28</sup>	PR4619	ITM	415379	PR4747	ITM	1979	PR4866	ITM	416706 <sup>28</sup>
PR3999	ITM	415036	PR4620	ITM	415938	PR4749	ITM	471835 <sup>28</sup>	PR4866	ITM	455272
PR4040	ITM	5M89	PR4621	ITM	415027	PR4750	ITM	473317	PR4868	ITM	472144 <sup>28</sup>
PR4048	ITM	5MR71	PR4634	ITM	416956	PR4757	ITM	203013	PR4869	ITM	471646 <sup>28</sup>
PR4109	ITM	5M289	PR4636	ITM	415483	PR4758	ITM	472636 <sup>28</sup>	PR4870	ITM	473475
PR4112	ITM	5MR1008	PR4638	ITM	417344 <sup>28</sup>	PR4759	ITM	411348 <sup>28</sup>	PR4871	ITM	417181 <sup>28</sup>
PR4113	ITM	5MR1009	PR4639	ITM	470605 <sup>28</sup>	PR4761	ITM	471554 <sup>28</sup>	PR4873	ITM	411245 <sup>28</sup>
PR4116	ITM	5M293	PR4640	ITM	476470	PR4768	ITM	473258 <sup>28</sup>	PR4874	ITM	1174
PR4506	ITM	473241	PR4641	ITM	417211 <sup>28</sup>	PR4770	ITM	1012N	PR4880	ITM	472826 <sup>28</sup>
						PR4770	ITM	45X62X8 <sup>28</sup>			

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR4882	ITM	471529	PR4970	ITM	470954 <sup>28</sup>	PR5051	ITM	471801 <sup>28</sup>	PR5127	ITM	473240 <sup>28</sup>
PR4883	ITM	471765 <sup>28</sup>	PR4971	ITM	340483	PR5052	ITM	471808 <sup>28</sup>	PR5128	ITM	472319
PR4884	ITM	416011	PR4973	ITM	470680	PR5053	ITM	471833	PR5129	ITM	473241
PR4884	ITM	417621 <sup>28</sup>	PR4973	ITM	471570 <sup>28</sup>	PR5055	ITM	473210	PR5130	ITM	472144 <sup>28</sup>
PR4885	ITM	472164 <sup>28</sup>	PR4974	ITM	340120	PR5056	ITM	472826 <sup>28</sup>	PR5131	ITM	472394
PR4888	ITM	471689 <sup>28</sup>	PR4975	ITM	415437	PR5057	ITM	473211 <sup>28</sup>	PR5133	ITM	471424 <sup>28</sup>
PR4889	ITM	6703S	PR4979	ITM	455121	PR5058	ITM	473212 <sup>28</sup>	PR5134	ITM	471870 <sup>28</sup>
PR4890	ITM	352541	PR4980	ITM	351466	PR5059	ITM	473213 <sup>28</sup>	PR5134	ITM	471883
PR4891	ITM	416158	PR4980	ITM	471466 <sup>28</sup>	PR5060	ITM	481834	PR5135	ITM	472492 <sup>28</sup>
PR4892	ITM	415836	PR4983	ITM	415447	PR5062	ITM	472258 <sup>28</sup>	PR5136	ITM	472924 <sup>28</sup>
PR4892	ITM	415995 <sup>28</sup>	PR4985	ITM	413247 <sup>28</sup>	PR5063	ITM	470774 <sup>28</sup>	PR5137	ITM	472397 <sup>28</sup>
PR4893	ITM	352541	PR4986	ITM	415001 <sup>28</sup>	PR5064	ITM	471192	PR5138	ITM	473242
PR4895	ITM	471424 <sup>28</sup>	PR4988	ITM	472572 <sup>28</sup>	PR5065	ITM	473214 <sup>28</sup>	PR5139	ITM	412027
PR4896	ITM	473212 <sup>28</sup>	PR4989	ITM	473215 <sup>28</sup>	PR5066	ITM	473215 <sup>28</sup>	PR5140	ITM	410102
PR4898	ITM	417134	PR4991	ITM	417349 <sup>28</sup>	PR5067	ITM	471835 <sup>28</sup>	PR5144	ITM	55524
PR4900	ITM	473426	PR4994	ITM	416239 <sup>28</sup>	PR5068	ITM	472843	PR5145	ITM	451948
PR4901	ITM	350414	PR4997	ITM	416865 <sup>28</sup>	PR5071	ITM	3395 <sup>28</sup>	PR5146	ITM	472012
PR4901	ITM	472311 <sup>28</sup>	PR5000	ITM	471526 <sup>28</sup>	PR5072	ITM	473224 <sup>28</sup>	PR5147	ITM	473204
PR4902	ITM	415449 <sup>28</sup>	PR5001	ITM	471472 <sup>28</sup>	PR5073	ITM	473016 <sup>28</sup>	PR5148	ITM	470898
PR4907	ITM	416556 <sup>28</sup>	PR5002	ITM	471549 <sup>28</sup>	PR5074	ITM	473225 <sup>28</sup>	PR5149	ITM	471646 <sup>28</sup>
PR4907	ITM	472157	PR5003	ITM	471535 <sup>28</sup>	PR5075	ITM	473226	PR5150	ITM	410308 <sup>28</sup>
PR4910	ITM	415991 <sup>28</sup>	PR5004	ITM	471551 <sup>28</sup>	PR5076	ITM	473227 <sup>28</sup>	PR5150	ITM	473468
PR4910	ITM	415991N	PR5005	ITM	471264 <sup>28</sup>	PR5077	ITM	470625 <sup>28</sup>	PR5151	ITM	472016 <sup>28</sup>
PR4912	ITM	450593 <sup>28</sup>	PR5006	ITM	471255 <sup>28</sup>	PR5078	ITM	470380 <sup>28</sup>	PR5152	ITM	473243
PR4913	ITM	473205 <sup>28</sup>	PR5007	ITM	471564	PR5079	ITM	473228 <sup>28</sup>	PR5153	ITM	413470 <sup>28</sup>
PR4915	ITM	415563	PR5008	ITM	471553 <sup>28</sup>	PR5081	ITM	473440 <sup>28</sup>	PR5154	ITM	416267 <sup>28</sup>
PR4915	ITM	417433 <sup>28</sup>	PR5009	ITM	471554 <sup>28</sup>	PR5083	ITM	471958	PR5155	ITM	473244 <sup>28</sup>
PR4919	ITM	343099	PR5010	ITM	471567 <sup>28</sup>	PR5085	ITM	472213	PR5156	ITM	472018
PR4920	ITM	473231 <sup>28</sup>	PR5011	ITM	471643 <sup>28</sup>	PR5086	ITM	472299	PR5157	ITM	473245 <sup>28</sup>
PR4923	ITM	470950 <sup>28</sup>	PR5012	ITM	471689 <sup>28</sup>	PR5088	ITM	470682	PR5158	ITM	413472
PR4923	ITM	6241S	PR5013	ITM	470390	PR5089	ITM	473441	PR5159	ITM	416268
PR4925	ITM	417601	PR5014	ITM	471570 <sup>28</sup>	PR5090	ITM	473442 <sup>28</sup>	PR5161	ITM	471272 <sup>28</sup>
PR4926	ITM	473438	PR5016	ITM	471646 <sup>28</sup>	PR5092	ITM	473230 <sup>28</sup>	PR5162	ITM	473473
PR4928	ITM	416239 <sup>28</sup>	PR5017	ITM	470590	PR5093	ITM	473231 <sup>28</sup>	PR5163	ITM	471138 <sup>28</sup>
PR4930	ITM	415219	PR5018	ITM	471730	PR5094	ITM	473010 <sup>28</sup>	PR5164	ITM	472636 <sup>28</sup>
PR4932	ITM	455308	PR5020	ITM	472951	PR5095	ITM	473232 <sup>28</sup>	PR5165	ITM	412920 <sup>28</sup>
PR4933	ITM	471419	PR5020	ITM	474252	PR5096	ITM	473443	PR5166	ITM	411376 <sup>28</sup>
PR4933	ITM	473367	PR5021	ITM	471649 <sup>28</sup>	PR5096	ITM	474274	PR5167	ITM	415234 <sup>28</sup>
PR4934	ITM	416282	PR5022	ITM	471689 <sup>28</sup>	PR5097	ITM	473444 <sup>28</sup>	PR5168	ITM	415259 <sup>28</sup>
PR4935	ITM	473232 <sup>28</sup>	PR5023	ITM	471733	PR5101	ITM	473233 <sup>28</sup>	PR5169	ITM	55337
PR4936	ITM	417269 <sup>28</sup>	PR5024	ITM	471760	PR5102	ITM	473234 <sup>28</sup>	PR5170	ITM	472150
PR4937	ITM	415023	PR5025	ITM	453165	PR5103	ITM	473235 <sup>28</sup>	PR5172	ITM	411394 <sup>28</sup>
PR4939	ITM	416380 <sup>28</sup>	PR5025	ITM	471619 <sup>28</sup>	PR5104	ITM	473236 <sup>28</sup>	PR5173	ITM	450133
PR4942	ITM	473232 <sup>28</sup>	PR5030	ITM	471705 <sup>28</sup>	PR5105	ITM	473446	PR5174	ITM	416444
PR4943	ITM	471554 <sup>28</sup>	PR5031	ITM	471735	PR5106	ITM	471981	PR5176	ITM	470565 <sup>28</sup>
PR4945	ITM	471255 <sup>28</sup>	PR5032	ITM	471762 <sup>28</sup>	PR5107	ITM	473237 <sup>28</sup>	PR5177	ITM	413246
PR4946	ITM	472810 <sup>28</sup>	PR5034	ITM	470712 <sup>28</sup>	PR5108	ITM	472164 <sup>28</sup>	PR5177	ITM	413246N
PR4948	ITM	472705 <sup>28</sup>	PR5035	ITM	471763	PR5109	ITM	472185 <sup>28</sup>	PR5178	ITM	413247 <sup>28</sup>
PR4954	ITM	224015	PR5036	ITM	471785 <sup>28</sup>	PR5110	ITM	472179	PR5179	ITM	416271 <sup>28</sup>
PR4955	ITM	481163 <sup>28</sup>	PR5037	ITM	481792	PR5111	ITM	471141 <sup>28</sup>	PR5180	ITM	410825
PR4956	ITM	417205 <sup>28</sup>	PR5038	ITM	450604	PR5112	ITM	471984	PR5181	ITM	416071
PR4959	ITM	417486	PR5040	ITM	473427	PR5118	ITM	472070	PR5182	ITM	412040
PR4963	ITM	473212 <sup>28</sup>	PR5041	ITM	472475	PR5119	ITM	473449 <sup>28</sup>	PR5183	ITM	413478
PR4964	ITM	473426	PR5042	ITM	471765 <sup>28</sup>	PR5120	ITM	473450 <sup>28</sup>	PR5184	ITM	411245 <sup>28</sup>
PR4965	ITM	473227 <sup>28</sup>	PR5043	ITM	471354 <sup>28</sup>	PR5122	ITM	472041	PR5186	ITM	472029
PR4966	ITM	472475	PR5044	ITM	473205 <sup>28</sup>	PR5122	ITM	473454	PR5187	ITM	471271 <sup>28</sup>
PR4967	ITM	471868	PR5047	ITM	471737	PR5123	ITM	472439	PR5188	ITM	470605 <sup>28</sup>
PR4968	ITM	410737 <sup>28</sup>	PR5048	ITM	471766 <sup>28</sup>	PR5124	ITM	472572 <sup>28</sup>	PR5189	ITM	415449 <sup>28</sup>
PR4968	ITM	470737	PR5049	ITM	471787 <sup>28</sup>	PR5125	ITM	473238 <sup>28</sup>	PR5190	ITM	416273
PR4969	ITM	6324S	PR5050	ITM	471795	PR5126	ITM	473239 <sup>28</sup>	PR5191	ITM	455079 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR5192	ITM	415082	PR5256	ITM	415027	PR5501	ITM	417349 <sup>28</sup>	PR5568	ITM	417351 <sup>28</sup>
PR5193	ITM	455655 <sup>28</sup>	PR5257	ITM	417495	PR5502	ITM	471571	PR5569	ITM	417488 <sup>28</sup>
PR5194	ITM	355732	PR5258	ITM	415559	PR5503	ITM	471766 <sup>28</sup>	PR5570	ITM	416011
PR5196	ITM	415302	PR5259	ITM	415389	PR5504	ITM	471868	PR5570	ITM	417621 <sup>28</sup>
PR5197	ITM	415988	PR5260	ITM	415937 <sup>28</sup>	PR5505	ITM	471442 <sup>28</sup>	PR5571	ITM	417171 <sup>28</sup>
PR5198	ITM	417481	PR5261	ITM	416125 <sup>28</sup>	PR5506	ITM	471554 <sup>28</sup>	PR5573	ITM	412473 <sup>28</sup>
PR5200	ITM	410708	PR5262	ITM	417499	PR5507	ITM	471570 <sup>28</sup>	PR5573	ITM	415894
PR5201	ITM	415483	PR5263	ITM	415983N <sup>28</sup>	PR5508	ITM	415711	PR5574	ITM	416624 <sup>28</sup>
PR5202	ITM	415458 <sup>28</sup>	PR5264	ITM	415379	PR5509	ITM	451078 <sup>28</sup>	PR5575	ITM	416047
PR5203	ITM	417343 <sup>28</sup>	PR5265	ITM	416339	PR5510	ITM	473425	PR5575	ITM	416332 <sup>28</sup>
PR5204	ITM	415007	PR5266	ITM	415150 <sup>28</sup>	PR5511	ITM	471801 <sup>28</sup>	PR5576	ITM	415263
PR5205	ITM	417082	PR5268	ITM	417210 <sup>28</sup>	PR5512	ITM	480844	PR5577	ITM	417555 <sup>28</sup>
PR5207	ITM	455151	PR5269	ITM	416345 <sup>28</sup>	PR5513	ITM	473010 <sup>28</sup>	PR5578	ITM	415036
PR5208	ITM	455008	PR5270	ITM	415697 <sup>28</sup>	PR5514	ITM	472164 <sup>28</sup>	PR5579	ITM	456641
PR5210	ITM	416664 <sup>28</sup>	PR5271	ITM	417366 <sup>28</sup>	PR5515	ITM	470334 <sup>28</sup>	PR5580	ITM	415284
PR5211	ITM	415984 <sup>28</sup>	PR5272	ITM	415958	PR5516	ITM	472492 <sup>28</sup>	PR5581	ITM	417541
PR5212	ITM	417316 <sup>28</sup>	PR5274	ITM	415034 <sup>28</sup>	PR5518	ITM	473464	PR5582	ITM	417353 <sup>28</sup>
PR5213	ITM	415960	PR5277	ITM	415035	PR5519	ITM	415001 <sup>28</sup>	PR5586	ITM	417355 <sup>28</sup>
PR5214	ITM	416706 <sup>28</sup>	PR5277	ITM	415953	PR5520	ITM	416149	PR5587	ITM	416327
PR5215	ITM	476281	PR5278	ITM	417356 <sup>28</sup>	PR5521	ITM	471570 <sup>28</sup>	PR5588	ITM	471820
PR5216	ITM	416282	PR5279	ITM	417357	PR5522	ITM	470088	PR5589	ITM	472636 <sup>28</sup>
PR5218	ITM	417485	PR5280	ITM	416130 <sup>28</sup>	PR5523	ITM	323119	PR5593	ITM	416664 <sup>28</sup>
PR5219	ITM	415303 <sup>28</sup>	PR5281	ITM	415041	PR5524	ITM	455249 <sup>28</sup>	PR5595	ITM	470954 <sup>28</sup>
PR5220	ITM	417344 <sup>28</sup>	PR5282	ITM	455134 <sup>28</sup>	PR5525	ITM	471141 <sup>28</sup>	PR5596	ITM	476838 <sup>28</sup>
PR5221	ITM	417488 <sup>28</sup>	PR5283	ITM	417511	PR5526	ITM	450593 <sup>28</sup>	PR5597	ITM	417507
PR5222	ITM	416921 <sup>28</sup>	PR5284	ITM	415142	PR5527	ITM	417223	PR5598	ITM	471195 <sup>28</sup>
PR5224	ITM	455144	PR5285	ITM	415043	PR5529	ITM	470062	PR5598	ITM	481195
PR5225	ITM	416956	PR5287	ITM	415295	PR5529	ITM	474264	PR5599	ITM	417196 <sup>28</sup>
PR5226	ITM	417159	PR5289	ITM	416556 <sup>28</sup>	PR5530	ITM	450776 <sup>28</sup>	PR5600	ITM	416156
PR5227	ITM	416654 <sup>28</sup>	PR5289	ITM	472157	PR5531	ITM	470328	PR5602	ITM	417542
PR5228	ITM	417349 <sup>28</sup>	PR5290	ITM	415196 <sup>28</sup>	PR5531	ITM	481213 <sup>28</sup>	PR5603	ITM	417549 <sup>28</sup>
PR5229	ITM	417350 <sup>28</sup>	PR5291	ITM	416891 <sup>28</sup>	PR5533	ITM	471862	PR5604	ITM	417278
PR5230	ITM	415836	PR5292	ITM	415045 <sup>28</sup>	PR5534	ITM	473458	PR5610	ITM	331228H
PR5230	ITM	415995 <sup>28</sup>	PR5293	ITM	416137	PR5537	ITM	471869	PR5611	ITM	471651
PR5231	ITM	415086N	PR5294	ITM	415058	PR5537	ITM	473459	PR5615	ITM	473258 <sup>28</sup>
PR5231	ITM	417487 <sup>28</sup>	PR5295	ITM	416556 <sup>28</sup>	PR5538	ITM	484058	PR5620	ITM	410737 <sup>28</sup>
PR5232	ITM	415088	PR5295	ITM	472157	PR5539	ITM	331107N	PR5620	ITM	470737
PR5234	ITM	455019 <sup>28</sup>	PR5296	ITM	415425	PR5540	ITM	417513	PR5623	ITM	9845
PR5235	ITM	416404 <sup>28</sup>	PR5297	ITM	416380 <sup>28</sup>	PR5541	ITM	471795	PR5624	ITM	473423
PR5236	ITM	416288 <sup>28</sup>	PR5298	ITM	415047	PR5542	ITM	470950 <sup>28</sup>	PR5625	ITM	416921 <sup>28</sup>
PR5237	ITM	417172	PR5299	ITM	416149	PR5542	ITM	6241S	PR5627	ITM	410308 <sup>28</sup>
PR5238	ITM	416024	PR5300	ITM	415060	PR5543	ITM	471419	PR5627	ITM	473468
PR5239	ITM	456105	PR5301	ITM	327303 <sup>28</sup>	PR5543	ITM	473367	PR5628	ITM	471270 <sup>28</sup>
PR5240	ITM	455336	PR5302	ITM	417530	PR5544	ITM	410524	PR5629	ITM	9569S
PR5241	ITM	415563	PR5303	ITM	416888 <sup>28</sup>	PR5545	ITM	411253 <sup>28</sup>	PR5631	ITM	415991 <sup>28</sup>
PR5241	ITM	417433 <sup>28</sup>	PR5304	ITM	416892 <sup>28</sup>	PR5550	ITM	470954 <sup>28</sup>	PR5631	ITM	415991N
PR5242	ITM	476470	PR5305	ITM	416154 <sup>28</sup>	PR5551	ITM	471466 <sup>28</sup>	PR5632	ITM	455200N
PR5243	ITM	417352	PR5306	ITM	415351 <sup>28</sup>	PR5552	ITM	481834	PR5633	ITM	416273
PR5243	ITM	418028	PR5307	ITM	415371	PR5553	ITM	415001 <sup>28</sup>	PR5634	ITM	416297
PR5244	ITM	456305	PR5308	ITM	416158	PR5555	ITM	472354 <sup>28</sup>	PR5636	ITM	417606
PR5245	ITM	415023	PR5309	ITM	415138 <sup>28</sup>	PR5555	ITM	50395S	PR5638	ITM	415836
PR5246	ITM	415085 <sup>28</sup>	PR5310	ITM	417247 <sup>28</sup>	PR5557	ITM	415138 <sup>28</sup>	PR5638	ITM	415995 <sup>28</sup>
PR5247	ITM	455024	PR5311	ITM	415066	PR5558	ITM	413248	PR5642	ITM	471570 <sup>28</sup>
PR5248	ITM	416294 <sup>28</sup>	PR5312	ITM	416167 <sup>28</sup>	PR5559	ITM	416135 <sup>28</sup>	PR5643	ITM	472258 <sup>28</sup>
PR5249	ITM	417191	PR5313	ITM	417269 <sup>28</sup>	PR5562	ITM	416271 <sup>28</sup>	PR5646	ITM	416364 <sup>28</sup>
PR5251	ITM	415025	PR5315	ITM	415725 <sup>28</sup>	PR5563	ITM	470605 <sup>28</sup>	PR5647	ITM	417316 <sup>28</sup>
PR5253	ITM	417492	PR5316	ITM	416865 <sup>28</sup>	PR5564	ITM	415449 <sup>28</sup>	PR5649	ITM	473517 <sup>28</sup>
PR5254	ITM	415991 <sup>28</sup>	PR5335	ITM	415551	PR5565	ITM	455005	PR5650	ITM	484054
PR5254	ITM	415991N	PR5337	ITM	416364 <sup>28</sup>	PR5566	ITM	455556	PR5654	ITM	415389
PR5255	ITM	415437	PR5500	ITM	472258 <sup>28</sup>	PR5567	ITM	417350 <sup>28</sup>	PR5656	ITM	417181 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR5657	ITM	412119 <sup>2B</sup>	PR6007	ITM	51098	PR6129	ITM	416557	PR6267	ITM	472164 <sup>2B</sup>
PR5658	ITM	35949N	PR6009	ITM	472179	PR6134	ITM	415327	PR6271	ITM	43290S
PR5659	ITM	410737 <sup>2B</sup>	PR6010	ITM	473214 <sup>2B</sup>	PR6135	ITM	352560	PR6272	ITM	416273
PR5659	ITM	470737	PR6011	ITM	323119	PR6135	ITM	472560N <sup>2B</sup>	PR6273	ITM	415302
PR5660	ITM	55469	PR6012	ITM	415303 <sup>2B</sup>	PR6138	ITM	415263	PR6274	ITM	415960
PR5662	ITM	473274	PR6014	ITM	40071S	PR6145	ITM	224045	PR6276	ITM	415303 <sup>2B</sup>
PR5663	ITM	450090	PR6017	ITM	471554 <sup>2B</sup>	PR6147	ITM	471835 <sup>2B</sup>	PR6277	ITM	476470
PR5665	ITM	410694 <sup>2B</sup>	PR6021	ITM	415437 <sup>2B</sup>	PR6148	ITM	472150	PR6279	ITM	456744N
PR5669	ITM	417254	PR6021	ITM	455173	PR6152	ITM	5965	PR6280	ITM	417211 <sup>2B</sup>
PR5670	ITM	417360	PR6024	ITM	470605 <sup>2B</sup>	PR6156	ITM	471267 <sup>2B</sup>	PR6281	ITM	415035
PR5672	ITM	416107 <sup>2B</sup>	PR6027	ITM	417538	PR6159	ITM	417134	PR6281	ITM	415953
PR5673	ITM	350974 <sup>2B</sup>	PR6028	ITM	417563	PR6160	ITM	6638S	PR6282	ITM	415295
PR5674	ITM	417354 <sup>2B</sup>	PR6029	ITM	471138 <sup>2B</sup>	PR6162	ITM	415958	PR6283	ITM	415196 <sup>2B</sup>
PR5675	ITM	410496 <sup>2B</sup>	PR6030	ITM	417357	PR6170	ITM	416891 <sup>2B</sup>	PR6284	ITM	416153 <sup>2B</sup>
PR5676	ITM	456744N	PR6032	ITM	473425	PR6171	ITM	417354 <sup>2B</sup>	PR6285	ITM	416167 <sup>2B</sup>
PR5677	ITM	417532	PR6035	ITM	455019 <sup>2B</sup>	PR6172	ITM	417352	PR6286	ITM	417040
PR5679	ITM	455858	PR6036	ITM	417492	PR6172	ITM	418028	PR6287	ITM	415124
PR5680	ITM	410987 <sup>2B</sup>	PR6040	ITM	471821 <sup>2B</sup>	PR6173	ITM	473214 <sup>2B</sup>	PR6288	ITM	417022
PR5681	ITM	417514	PR6042	ITM	311189	PR6183	ITM	8835S	PR6289	ITM	455129
PR5682	ITM	415045 <sup>2B</sup>	PR6043	ITM	331228H	PR6186	ITM	413248	PR6291	ITM	415076
PR5684	ITM	415349	PR6044	ITM	473245 <sup>2B</sup>	PR6187	ITM	40555	PR6292	ITM	417608
PR5688	ITM	417597	PR6046	ITM	473447	PR6187	ITM	40555S <sup>2B</sup>	PR6295	ITM	473237 <sup>2B</sup>
PR5689	ITM	471268N	PR6050	ITM	450313	PR6189	ITM	42101S	PR6304	ITM	471831 <sup>2B</sup>
PR5697	ITM	411330N	PR6051	ITM	456105	PR6190	ITM	291295	PR6310	ITM	470565 <sup>2B</sup>
PR5699	ITM	416239 <sup>2B</sup>	PR6052	ITM	417316 <sup>2B</sup>	PR6191	ITM	473228 <sup>2B</sup>	PR6311	ITM	475003N
PR5700	ITM	415991	PR6053	ITM	415034 <sup>2B</sup>	PR6192	ITM	470334 <sup>2B</sup>	PR6313	ITM	473442 <sup>2B</sup>
PR5702	ITM	450143	PR6055	ITM	7751H	PR6194	ITM	9569S	PR6315	ITM	417549 <sup>2B</sup>
PR5707	ITM	473463	PR6058	ITM	417316 <sup>2B</sup>	PR6205	ITM	1994	PR6318	ITM	473230 <sup>2B</sup>
PR5708	ITM	417509	PR6059	ITM	416738 <sup>2B</sup>	PR6205	ITM	48X70X9 <sup>2B</sup>	PR6320	ITM	415437
PR5709	ITM	417198	PR6061	ITM	470682	PR6213	ITM	223542	PR6322	ITM	471651
PR5710	ITM	415645 <sup>2B</sup>	PR6062	ITM	476842	PR6213	ITM	35X55X11 <sup>2B</sup>	PR6324	ITM	473228 <sup>2B</sup>
PR5711	ITM	417362 <sup>2B</sup>	PR6066	ITM	472572 <sup>2B</sup>	PR6214	ITM	473823	PR6332	ITM	473231 <sup>2B</sup>
PR5712	ITM	416666	PR6067	ITM	416130 <sup>2B</sup>	PR6222	ITM	417349 <sup>2B</sup>	PR6337	ITM	473228 <sup>2B</sup>
PR5714	ITM	416039	PR6068	ITM	471787 <sup>2B</sup>	PR6223	ITM	415013N	PR6338	ITM	417498
PR5716	ITM	455480 <sup>2B</sup>	PR6071	ITM	8660S	PR6223	ITM	415995V	PR6339	ITM	472082
PR5717	ITM	417562	PR6077	ITM	8976S	PR6224	ITM	415449 <sup>2B</sup>	PR6342	ITM	3395 <sup>2B</sup>
PR5718	ITM	415854	PR6084	ITM	473258 <sup>2B</sup>	PR6225	ITM	471272 <sup>2B</sup>	PR6344	ITM	415449 <sup>2B</sup>
PR5720	ITM	417205 <sup>2B</sup>	PR6087	ITM	417366 <sup>2B</sup>	PR6225	ITM	471272 <sup>2B</sup>	PR6346	ITM	475009N
PR5722	ITM	416557	PR6089	ITM	6879H	PR6227	ITM	474276 <sup>2B</sup>	PR6352	ITM	472258 <sup>2B</sup>
PR5723	ITM	417258	PR6090	ITM	415483	PR6230	ITM	470774 <sup>2B</sup>	PR6354	ITM	471652
PR5724	ITM	417546 <sup>2B</sup>	PR6091	ITM	473231 <sup>2B</sup>	PR6231	ITM	470380 <sup>2B</sup>	PR6361	ITM	8792S
PR5725	ITM	473415	PR6092	ITM	471539 <sup>2B</sup>	PR6231	ITM	472189A <sup>2B</sup>	PR6363	ITM	472409 <sup>2B</sup>
PR5726	ITM	417499	PR6093	ITM	471267 <sup>2B</sup>	PR6232	ITM	9845	PR6370	ITM	7457N
PR5727	ITM	415867	PR6094	ITM	470088	PR6234	ITM	472258 <sup>2B</sup>	PR6371	ITM	417247 <sup>2B</sup>
PR5730	ITM	473239 <sup>2B</sup>	PR6096	ITM	8935S	PR6235	ITM	415983N <sup>2B</sup>	PR6373	ITM	1174
PR5733	ITM	415294 <sup>2B</sup>	PR6097	ITM	412920 <sup>2B</sup>	PR6238	ITM	42260S	PR6374	ITM	41X56X7 <sup>2B</sup>
PR5735	ITM	416229	PR6098	ITM	456618	PR6240	ITM	415036	PR6375	ITM	1183
PR5736	ITM	415086N	PR6099	ITM	6815	PR6249	ITM	1037	PR6376	ITM	224045
PR5736	ITM	417487 <sup>2B</sup>	PR6101	ITM	41257 <sup>2B</sup>	PR6250	ITM	493637	PR6378	ITM	1992
PR5784	ITM	473447	PR6103	ITM	312518 <sup>2B</sup>	PR6252	ITM	415983N <sup>2B</sup>	PR6379	ITM	8121S
PR5795	ITM	471316	PR6105	ITM	484058	PR6254	ITM	417159	PR6389	ITM	370001A
PR5797	ITM	472397 <sup>2B</sup>	PR6107	ITM	416921 <sup>2B</sup>	PR6256	ITM	350364	PR6390	ITM	450260
PR5802	ITM	470088	PR6108	ITM	417520	PR6258	ITM	350156	PR6391	ITM	471224 <sup>2B</sup>
PR5811	ITM	416738 <sup>2B</sup>	PR6109	ITM	473244 <sup>2B</sup>	PR6258	ITM	473096	PR6392	ITM	480630 <sup>2B</sup>
PR5816	ITM	415984 <sup>2B</sup>	PR6110	ITM	6954S	PR6261	ITM	471264 <sup>2B</sup>	PR6392	ITM	480991
PR5817	ITM	476470	PR6112	ITM	1174	PR6262	ITM	471538 <sup>2B</sup>	PR6395	ITM	471854 <sup>2B</sup>
PR6000	ITM	473231 <sup>2B</sup>	PR6119	ITM	472439	PR6263	ITM	470954 <sup>2B</sup>	PR6396	ITM	471267 <sup>2B</sup>
PR6001	ITM	413247 <sup>2B</sup>	PR6121	ITM	413246N	PR6264	ITM	471649 <sup>2B</sup>	PR6399	ITM	6703S
PR6002	ITM	476023N	PR6121	ITM	483246N	PR6265	ITM	471192	PR6401	ITM	473179 <sup>2B</sup>
PR6007	ITM	473228	PR6126	ITM	350936	PR6266	ITM	471192	PR6409	ITM	415303 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR6414	ITM	370037A	PR6629	ITM	416102	PR8167	ITM	35X50X8 <sup>28</sup>	PR8278	ITM	50X68X8 <sup>28</sup>
PR6415	ITM	370036A	PR6630	ITM	475009N	PR8167	ITM	3771	PR8279	ITM	1960
PR6416	ITM	5092	PR6631	ITM	35949N	PR8168	ITM	223535	PR8280	ITM	50X72X8
PR6417	ITM	417158 <sup>28</sup>	PR6632	ITM	417484N	PR8170	ITM	223542	PR8283	ITM	50X80X8
PR6422	ITM	416888 <sup>28</sup>	PR6632	ITM	475322N	PR8170	ITM	35X55X11	PR8284	ITM	225082
PR6430	ITM	1196	PR6634	ITM	412119 <sup>28</sup>	PR8171	ITM	223543 <sup>28</sup>	PR8288	ITM	4990
PR6433	ITM	476574N	PR6637	ITM	417352	PR8171	ITM	35X56X10	PR8290	ITM	225230
PR6438	ITM	471831 <sup>28</sup>	PR6637	ITM	418028	PR8171	ITM	35X56X10	PR8290	ITM	52X72X8 <sup>28</sup>
PR6439	ITM	417357	PR6640	ITM	1174	PR8174	ITM	35X62X7 <sup>28</sup>	PR8297	ITM	55X72X8 <sup>28</sup>
PR6444	ITM	350909	PR6644	ITM	416271 <sup>28</sup>	PR8174	ITM	35X62X7 <sup>28</sup>	PR8300	ITM	55X80X8
PR6444	ITM	471224 <sup>28</sup>	PR6647	ITM	2443	PR8176	ITM	223580	PR8315	ITM	225875
PR6445	ITM	417343 <sup>28</sup>	PR6666	ITM	471984	PR8182	ITM	223605	PR8317	ITM	58X80X8
PR6449	ITM	470989	PR6673	ITM	343104	PR8182	ITM	36X50X7 <sup>28</sup>	PR8324	ITM	226020
PR6455	ITM	472258 <sup>28</sup>	PR7003	ITM	415001 <sup>28</sup>	PR8184	ITM	710197 <sup>28</sup>	PR8324	ITM	60X80X8 <sup>28</sup>
PR6462	ITM	226020	PR7004	ITM	200322	PR8185	ITM	2003N <sup>28</sup>	PR8326	ITM	60X85X8
PR6462	ITM	60X80X8 <sup>28</sup>	PR7006	ITM	415077	PR8190	ITM	710057	PR8336	ITM	226285
PR6467	ITM	7044NA	PR7008	ITM	417606	PR8194	ITM	1174	PR8336	ITM	62X85X8 <sup>28</sup>
PR6468	ITM	340835	PR7014	ITM	415072	PR8196	ITM	223830	PR8349	ITM	65X85X10
PR6472	ITM	32X58X8 <sup>28</sup>	PR7016	ITM	416921 <sup>28</sup>	PR8196	ITM	38X55X7 <sup>28</sup>	PR8351	ITM	65X90X10
PR6502	ITM	1213N	PR7037	ITM	471255 <sup>28</sup>	PR8198	ITM	223840	PR8351	ITM	65X90X10
PR6505	ITM	228020	PR8015	ITM	14X35X7	PR8198	ITM	38X58X8 <sup>28</sup>	PR8353	ITM	65X100X10
PR6510	ITM	3051N	PR8017	ITM	15X30X7	PR8201	ITM	1176	PR8360	ITM	68X90X10
PR6511	ITM	223240	PR8018	ITM	15X32X8	PR8208	ITM	1213N	PR8362	ITM	68X100X13
PR6511	ITM	32X48X8 <sup>28</sup>	PR8019	ITM	15X35X7	PR8209	ITM	224020	PR8364	ITM	227020
PR6513	ITM	7013S	PR8024	ITM	16X30X7	PR8209	ITM	40X55X8 <sup>28</sup>	PR8364	ITM	70X88X8 <sup>28</sup>
PR6524	ITM	482126	PR8026	ITM	16X35X7	PR8210	ITM	224025	PR8365	ITM	227040
PR6531	ITM	2503N	PR8031	ITM	17X30X7	PR8212	ITM	224040	PR8365	ITM	70X90X10
PR6532	ITM	331227H	PR8032	ITM	17X32X7	PR8212	ITM	40X60X10	PR8365	ITM	70X90X10
PR6533	ITM	51322	PR8037	ITM	17X40X7	PR8212	ITM	40X60X10	PR8367	ITM	70X100X13
PR6534	ITM	1173	PR8042	ITM	18X32X8	PR8213	ITM	224045	PR8377	ITM	75X95X10
PR6536	ITM	224820	PR8058	ITM	20X35X7 <sup>28</sup>	PR8218	ITM	712011	PR8378	ITM	227550
PR6536	ITM	48X62X8 <sup>28</sup>	PR8062	ITM	20X40X7 <sup>28</sup>	PR8225	ITM	494117	PR8378	ITM	75X100X12
PR6539	ITM	7751H	PR8062	ITM	222050	PR8227	ITM	1953	PR8378	ITM	75X100X12
PR6553	ITM	470361	PR8066	ITM	20X47X7	PR8227	ITM	1953	PR8387	ITM	228010
PR6553	ITM	472193 <sup>28</sup>	PR8069	ITM	20X52X7	PR8228	ITM	42X62X8 <sup>28</sup>	PR8388	ITM	228020
PR6557	ITM	472258 <sup>28</sup>	PR8077	ITM	22X40X7	PR8229	ITM	224255	PR8388	ITM	80X105X13
PR6558	ITM	471766 <sup>28</sup>	PR8086	ITM	24X40X7 <sup>28</sup>	PR8229	ITM	42X65X10	PR8388	ITM	80X105X13
PR6565	ITM	476574N	PR8090	ITM	24X47X7	PR8229	ITM	42X65X10	PR8397	ITM	85X110X12
PR6569	ITM	471765 <sup>28</sup>	PR8094	ITM	222540	PR8232	ITM	224270	PR8399	ITM	85X120X12
PR6571	ITM	226020	PR8098	ITM	25X47X7	PR8232	ITM	42X72X10	PR8405	ITM	229005
PR6571	ITM	60X80X8 <sup>28</sup>	PR8101	ITM	25X52X7 <sup>28</sup>	PR8232	ITM	42X72X10	PR8413	ITM	95X120X12
PR6573	ITM	416892 <sup>28</sup>	PR8113	ITM	222655	PR8238	ITM	224462	PR8415	ITM	95X130X12
PR6575	ITM	415379	PR8113	ITM	26X48X7 <sup>28</sup>	PR8238	ITM	44X62X8 <sup>28</sup>	PR8415	ITM	95X130X12
PR6576	ITM	473444 <sup>28</sup>	PR8117	ITM	222745	PR8242	ITM	224270	PR8416	ITM	100X120X12
PR6577	ITM	416071	PR8117	ITM	27X45X8 <sup>28</sup>	PR8242	ITM	42X72X10	PR8417	ITM	100X125X12
PR6578	ITM	472397 <sup>28</sup>	PR8126	ITM	222860	PR8242	ITM	42X72X10	PR8418	ITM	100X125X12
PR6586	ITM	2443	PR8126	ITM	28X47X7 <sup>28</sup>	PR8243	ITM	224520	PR8418	ITM	100X125X12
PR6590	ITM	416153 <sup>28</sup>	PR8129	ITM	28X52X7	PR8243	ITM	45X60X10	PR8424	ITM	105X130X12
PR6592	ITM	252277	PR8130	ITM	223014	PR8245	ITM	1992	PR8426	ITM	105X140X12
PR6594	ITM	417536	PR8132	ITM	30X47X7	PR8248	ITM	224570	PR8428	ITM	110X130X12
PR6595	ITM	1213N	PR8135	ITM	223035	PR8248	ITM	224570	PR8430	ITM	110X130X12
PR6610	ITM	417316 <sup>28</sup>	PR8141	ITM	30X62X7	PR8265	ITM	224820	PR8430	ITM	110X130X12
PR6612	ITM	8695S	PR8146	ITM	32X45X7	PR8265	ITM	224820	PR8439	ITM	115X140X12
PR6614	ITM	471424 <sup>28</sup>	PR8147	ITM	223235	PR8266	ITM	1973	PR8441	ITM	115X150X12
PR6615	ITM	472012	PR8147	ITM	32X46X6 <sup>28</sup>	PR8268	ITM	1994	PR8444	ITM	115X150X12
PR6620	ITM	416383	PR8149	ITM	223240	PR8268	ITM	1994	PR8444	ITM	115X150X12
PR6623	ITM	1953	PR8149	ITM	32X48X8 <sup>28</sup>	PR8268	ITM	48X70X9 <sup>28</sup>	PR8444	ITM	120X140X13 <sup>28</sup>
PR6623	ITM	42X60X7 <sup>28</sup>	PR8151	ITM	223255	PR8269	ITM	48X72X7 <sup>28</sup>	PR8444	ITM	717004
PR6625	ITM	376590A	PR8151	ITM	32X52X7 <sup>28</sup>	PR8277	ITM	225010	PR8445	ITM	717004
PR6627	ITM	416394	PR8154	ITM	32X56X10	PR8277	ITM	50X65X8 <sup>28</sup>	PR8445	ITM	717004
						PR8278	ITM	225020	PR8446	ITM	120X150X12

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
PR8449	ITM		PR8711	ITM	415035	PR9022	ITM	1012N	PS4621	C-P	470027
125X150X12 <sup>28</sup>			PR8711	ITM	415953	PR9022	ITM	45X62X8 <sup>28</sup>	PS4621	C-P	471554 <sup>28</sup>
PR8449	ITM	231250	PR8712	ITM	417356 <sup>28</sup>	PR9023	ITM	1992	PS46211	C-P	471466 <sup>28</sup>
PR8451	ITM	125X160X12	PR8713	ITM	417357	PR9023	ITM	45X65X8 <sup>28</sup>	PS46212	C-P	480630 <sup>28</sup>
PR8455	ITM	130X160X12	PR8714	ITM	416130 <sup>28</sup>	PR9026	ITM	224570	PS46213	C-P	416865 <sup>28</sup>
PR8456	ITM	130X170X15	PR8715	ITM	415041	PR9032	ITM	225010	PS46213	C-P	455070
PR8542	ITM	415991 <sup>28</sup>	PR8717	ITM	415196 <sup>28</sup>	PR9032	ITM	50X65X8 <sup>28</sup>	PS46214	C-P	415072
PR8542	ITM	415991N	PR8718	ITM	416891 <sup>28</sup>	PR9033	ITM	225020	PS46215	C-P	471538 <sup>28</sup>
PR8544	ITM	417349 <sup>28</sup>	PR8719	ITM	415045 <sup>28</sup>	PR9033	ITM	50X68X8 <sup>28</sup>	PS4622	C-P	471570 <sup>28</sup>
PR8592	ITM		PR8720	ITM	416137	PR9034	ITM	1960	PS4623	C-P	450593 <sup>28</sup>
125X150X12 <sup>28</sup>			PR8721	ITM	415058	PR9035	ITM	50X72X8	PS4624	C-P	416239 <sup>28</sup>
PR8592	ITM	231250	PR8722	ITM	327303 <sup>28</sup>	PR9038	ITM	50X80X8	PS4625	C-P	470163
PR8605	ITM	220X250X15	PR8723	ITM	417530	PR9043	ITM	473227 <sup>28</sup>	PS4625	C-P	471766 <sup>28</sup>
PR8657	ITM	471870 <sup>28</sup>	PR8724	ITM	416892 <sup>28</sup>	PR9044	ITM	470625 <sup>28</sup>	PS4626	C-P	471255 <sup>28</sup>
PR8657	ITM	471883	PR8725	ITM	416154 <sup>28</sup>	PR9045	ITM	470380 <sup>28</sup>	PS4628	C-P	415035 <sup>28</sup>
PR8658	ITM	472492 <sup>28</sup>	PR8726	ITM	415351 <sup>28</sup>	PR9045	ITM	472189A <sup>28</sup>	PS4628	C-P	455035
PR8659	ITM	472924 <sup>28</sup>	PR8728	ITM	415725 <sup>28</sup>	PR9046	ITM	473228 <sup>28</sup>	PS4629	C-P	471413 <sup>28</sup>
PR8660	ITM	472397 <sup>28</sup>	PR8729	ITM	416865 <sup>28</sup>	PR9047	ITM	451857	PSF24671	B-L-H	473313
PR8661	ITM	473242	PR8758	ITM	50X72X8	PR9048	ITM	473440 <sup>28</sup>	PSF24672	B-L-H	450085
PR8662	ITM	412027	PR8761	ITM	50X80X8	PR9049	ITM	450523	PSF24672	B-L-H	470530 <sup>28</sup>
PR8663	ITM	410102	PR8767	ITM	55X72X8 <sup>28</sup>	PR9050	ITM	471958	PSI50851	WABCO	240009
PR8665	ITM	487945	PR8770	ITM	55X80X8	PR9052	ITM	471424 <sup>28</sup>	PT1110B	BORGW	480889
PR8667	ITM	55524	PR8778	ITM	226020	PR9053	ITM	471870 <sup>28</sup>	PT1226	BORGW	412871 <sup>28</sup>
PR8669	ITM	473473	PR8778	ITM	60X80X8 <sup>28</sup>	PR9053	ITM	471883	PT1226	BORGW	450329
PR8670	ITM	471138 <sup>28</sup>	PR8780	ITM	60X85X8	PR9054	ITM	472492 <sup>28</sup>	PT1227	BORGW	412119 <sup>28</sup>
PR8671	ITM	472636 <sup>28</sup>	PR8789	ITM	65X85X10	PR9055	ITM	472924 <sup>28</sup>	PT1227	BORGW	450101
PR8672	ITM	412920 <sup>28</sup>	PR8791	ITM	65X90X10	PR9056	ITM	470530 <sup>28</sup>	PT1342	BORGW	415142
PR8674	ITM	415234 <sup>28</sup>	28			PR9057	ITM	473242	PT1392	BORGW	417350 <sup>28</sup>
PR8675	ITM	415259 <sup>28</sup>	PR8793	ITM	65X100X10	PR9058	ITM	412027	PT1392	BORGW	455479
PR8676	ITM	55337	PR8798	ITM	227020	PR9059	ITM	410102	PT1452	BORGW	415034 <sup>28</sup>
PR8677	ITM	472029	PR8798	ITM	70X88X8 <sup>28</sup>	PR9061	ITM	487945	PT1511	BORGW	415035
PR8678	ITM	470605 <sup>28</sup>	PR8799	ITM	227045	PR9063	ITM	55524	PT4108	BORGW	470120
PR8679	ITM	415449 <sup>28</sup>	PR8801	ITM	70X100X13	PS105	OLIVE	470189	PT4108	BORGW	471224 <sup>28</sup>
PR8680	ITM	416273	PR8805	ITM	75X95X10	PS105	OLIVE	471692 <sup>28</sup>	PT4110	BORGW	473215 <sup>28</sup>
PR8681	ITM	455079 <sup>28</sup>	PR8806	ITM	227550	PS212	MASSE	450444	PT4112	BORGW	471466 <sup>28</sup>
PR8682	ITM	415082	PR8806	ITM	75X100X12	PS212	MASSE	471835 <sup>28</sup>	PT44110	BORGW	471442 <sup>28</sup>
PR8683	ITM	455655 <sup>28</sup>	28			PS22123	C-P	471472 <sup>28</sup>	PT44110A	BORGW	450030
PR8684	ITM	355732	PR8810	ITM	228020	PS2216	C-P	450389	PT44110A	BORGW	474253 <sup>28</sup>
PR8686	ITM	416664 <sup>28</sup>	PR8810	ITM	80X105X13	PS2216	C-P	472492 <sup>28</sup>	PT581	BORGW	470064
PR8687	ITM	415984 <sup>28</sup>	28			PS25310	C-P	470077	PT581	BORGW	471821 <sup>28</sup>
PR8688	ITM	417316 <sup>28</sup>	PR8819	ITM	90X120X12	PS25310	C-P	474281 <sup>28</sup>	PT7523	JOHND	471760
PR8690	ITM	416706 <sup>28</sup>	PR8824	ITM	100X120X12	PS25311	C-P	450085	PT7524	JOHND	471643 <sup>28</sup>
PR8691	ITM	476281	PR8825	ITM	100X125X12	PS25311	C-P	470530 <sup>28</sup>	PTA122	F-R-H	481864
PR8692	ITM	416282	PR8826	ITM		PS25312	C-P	455195	PTS913	AT SU	473215 <sup>28</sup>
PR8694	ITM	417350 <sup>28</sup>	100X130X12 <sup>28</sup>			PS25312	C-P	472157 <sup>28</sup>	PX6060742	CATER	415284
PR8695	ITM	453182	PR8830	ITM		PS25313	C-P	450316	PXS47	COC	450365
PR8697	ITM	415088	110X140X13 <sup>28</sup>			PS25313	C-P	472636 <sup>28</sup>	PXS47	COC	470898 <sup>28</sup>
PR8699	ITM	455019 <sup>28</sup>	PR8834	ITM	115X140X12	PS25314	C-P	470077	PXS89	COC	240356
PR8700	ITM	416404 <sup>28</sup>	PR8840	ITM	125X160X12	PS25314	C-P	474281 <sup>28</sup>	PY623	GRAY	450025
PR8701	ITM	416288 <sup>28</sup>	PR9003	ITM	223035	PS2532	C-P	415041	PY623	GRAY	471553 <sup>28</sup>
PR8702	ITM	416024	PR9004	ITM	35X62X7 <sup>28</sup>	PS2534	C-P	450519	Q00688033	GMC	J1113
PR8703	ITM	415563	PR9005	ITM	224020	PS2534	C-P	471271 <sup>28</sup>	Q27958	JOHND	415988
PR8703	ITM	417433 <sup>28</sup>	PR9005	ITM	40X55X8 <sup>28</sup>	PS2535	C-P	415995 <sup>28</sup>	Q27958K	JOHND	415988
PR8704	ITM	476470	PR9006	ITM	224025	PS2535	C-P	455013	Q28735	JOHND	471870 <sup>28</sup>
PR8705	ITM	456305	PR9008	ITM	224040	PS2536	C-P	470027	Q28735	JOHND	471883
PR8706	ITM	415023	PR9008	ITM	40X60X10	PS2536	C-P	471554 <sup>28</sup>	QM1333	DEVIL	470712 <sup>28</sup>
PR8707	ITM	415437	28			PS2537	C-P	471570 <sup>28</sup>	QR631	BUC-E	471570 <sup>28</sup>
PR8708	ITM	415027	PR9009	ITM	224045	PS2538	C-P	330385 <sup>28</sup>	QS100	DEVIL	451583 <sup>28</sup>
PR8709	ITM	417495	PR9021	ITM	224520	PS2539	C-P	450593 <sup>28</sup>	QS141	DEVIL	471526 <sup>28</sup>
PR8710	ITM	415559	PR9021	ITM	45X60X10	PS462	C-P	415072	QS186	DEVIL	471442 <sup>28</sup>
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INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
QS187	DEVIL	471472 <sup>28</sup>	QWB803	QUINT	710338	R14134	GAL	455188	R33543	GAL	415007
QWB1053	QUINT	710642	QWB809	QUINT	1973	R14189	GAL	417538	R34650	JOHND	471413 <sup>28</sup>
QWB1072	QUINT	710338	QWB810	QUINT	1973	R14190	GAL	415938	R354216	WILSO	415001 <sup>28</sup>
QWB1073	QUINT	710404	QWB812	QUINT	710239	R15028	WILSO	471570 <sup>28</sup>	R354216	WILSO	455001
QWB1078	QUINT	710404	QWB814	QUINT	224015	R16287	CASE	470059	R35735	JOHND	416047
QWB1155	QUINT	1962	QWB842	QUINT	1196	R16287	CASE	470380 <sup>28</sup>	R35735	JOHND	416332 <sup>28</sup>
QWB1170	QUINT	710239	QWB843	QUINT	473367	R18438	GAL	415072	R35735R	JOHND	416047
QWB155C	QUINT	4175	QWB851	QUINT	224235	R18462	GAL	450183	R35735R	JOHND	416332 <sup>28</sup>
QWB203	QUINT	224235	QWB890	QUINT	1932	R18462	GAL	472179	R35738	JOHND	240356
QWB212	QUINT	224015	QWB895	QUINT	4904	R19970	GAL	411376 <sup>28</sup>	R35738R	JOHND	340356
QWB214	QUINT	224100	QWB896	QUINT	224462	R19970	GAL	455093	R35798R	JOHND	470380 <sup>28</sup>
QWB239	QUINT	472213	QWB904	QUINT	224820	R19974	GAL	415379 <sup>28</sup>	R362220	WILSO	415458 <sup>28</sup>
QWB256	QUINT	1012N	QWB915	QUINT	1948	R19974	GAL	455379	R362220	WILSO	455003
QWB285	QUINT	1174	QWB916	QUINT	225005	R19987	GAL	417247 <sup>28</sup>	R36423	JOHND	476470
QWB337	QUINT	1955	QWB928	QUINT	710125	R2001	WILSO	471760	R37410	JOHND	417343 <sup>28</sup>
QWB343	QUINT	482126	QWB931	QUINT	710107	R20080	BTM	450076	R37410R	JOHND	417343 <sup>28</sup>
QWB344	QUINT	1183	QWB934	QUINT	1993	R20080	BTM	470334 <sup>28</sup>	R375224	WILSO	417316 <sup>28</sup>
QWB360	QUINT	1955	QWB940	QUINT	224210	R20798	CASE	416011	R375224	WILSO	455004
QWB367	QUINT	224210	QWB958	QUINT	225230	R20798	CASE	417621 <sup>28</sup>	R4003	WILSO	415995 <sup>28</sup>
QWB376	QUINT	1955	QWB961	QUINT	710108	R20869	BTM	450185	R4003	WILSO	455013
QWB429	QUINT	1962	QWB963	QUINT	710168	R20869	BTM	473229	R401-17-335	MAZDA	2443
QWB443	QUINT	1973	QWB972	QUINT	4904	R20894	BTM	471466 <sup>28</sup>	R401-17-399	MAZDA	2443
QWB449	QUINT	1213N	QWB977	QUINT	1974	R20965	BTM	5778	R4253	WILSO	417487
QWB457	QUINT	482126	QWB985	QUINT	1955	R21017	BTM	40140S	R4253	WILSO	455014
QWB469	QUINT	4990	QX22260	JOHND	240319	R21050	BTM	40576S	R42532	WILSO	455015
QWB470	QUINT	710311	QX34751B	JOHND	450316	R21164	BTM	40566S	R42536	WILSO	456105
QWB494	QUINT	1208	QX34751B	JOHND	472636 <sup>28</sup>	R21263	BTM	350414	R42538	WILSO	455018
QWB508	QUINT	239155	QX38201	JOHND	418028	R21263	BTM	472311 <sup>28</sup>	R42538	WILSO	476470
QWB535	QUINT	710097	QX38201	JOHND	455137 <sup>28</sup>	R22209	GAL	415001 <sup>28</sup>	R434	FULLE	455134 <sup>28</sup>
QWB552	QUINT	1126	QX52280	JOHND	413246	R22209	GAL	455001	R4373	WILSO	417488 <sup>28</sup>
QWB557	QUINT	225650	QX52280	JOHND	413246N	R22518	WILSO	471801 <sup>28</sup>	R44508	FORD	471354 <sup>28</sup>
QWB558	QUINT	710215	QX52281	JOHND	473466	R23024	B-L-H	55301S	R44508	WOODB	471354 <sup>28</sup>
QWB578	QUINT	226285	QX52282	JOHND	471760	R23437	CONTI	471868	R450316	WILSO	415991
QWB579	QUINT	2002	QX62779	JOHND	474274	R24226	GAL	416654 <sup>28</sup>	R450316	WILSO	455146 <sup>28</sup>
QWB597	QUINT	223605	QX72410	JOHND	473229 <sup>28</sup>	R24226	GAL	455012	R45406	JOHND	J1126
QWB602	QUINT	1126	R001-27-165	MAZDA	712011	R24752	US-EL	415498	R462	FULLE	416654 <sup>28</sup>
QWB62	QUINT	224100	R005500	MERIX	357PKG	R250116	WILSO	450067	R462	FULLE	455012
QWB620	QUINT	224100	R1075824	WILSO	415128	R250116	WILSO	473228	R5003	WILSO	455019 <sup>28</sup>
QWB625	QUINT	1950	R10778	GAL	455024	R262124	WILSO	450070	R500316	WILSO	415027 <sup>28</sup>
QWB628	QUINT	225225	R10779	GAL	416339	R262124	WILSO	472185 <sup>28</sup>	R500316	WILSO	455027
QWB637	QUINT	1180	R10779	GAL	455031 <sup>28</sup>	R27347	GAL	473405	R50032	WILSO	415021
QWB640	QUINT	1955	R1080	WILSO	417602 <sup>28</sup>	R3002	WILSO	450301	R500324	WILSO	416339
QWB692	QUINT	225010	R10C110	BORGW	410059	R3002	WILSO	472397 <sup>28</sup>	R500324	WILSO	455031 <sup>28</sup>
QWB693	QUINT	1948	R10C110	BORGW	470380 <sup>28</sup>	R3024	B-L-H	55301S	R500330	WILSO	415034 <sup>28</sup>
QWB694	QUINT	1956	R10H110	BORGW	9613S	R304	IRON	471354 <sup>28</sup>	R500330	WILSO	455034
QWB695	QUINT	494122	R10H110B	BORGW	9613S	R30HH102	DANA	416865 <sup>28</sup>	R50036	WILSO	455022
QWB702	QUINT	5686	R11076	GAL	470059	R31324	WILSO	410312N	R50038	WILSO	415023
QWB703	QUINT	224210	R11076	GAL	470380 <sup>28</sup>	R31440	JOHND	412473 <sup>28</sup>	R5004	WILSO	415035 <sup>28</sup>
QWB704	QUINT	1180	R11077	GAL	470088	R31440	JOHND	415894	R5004	WILSO	455035
QWB705	QUINT	224820	R11560	GAL	416476 <sup>28</sup>	R319124	WILSO	470088	R502-17-335	MAZDA	710283
QWB710	QUINT	1984	R11560	GAL	455075	R32349	CASE	417601	R5110	BORGW	450095
QWB714	QUINT	225230	R115916	WILSO	417606	R33214	GAL	471354 <sup>28</sup>	R5110	BORGW	473464 <sup>28</sup>
QWB717	QUINT	1975	R1251016	WILSO	415227 <sup>28</sup>	R33338	JOHND	473227 <sup>28</sup>	R5504	WILSO	415036
QWB721	QUINT	225220	R13881	CASE	450867	R33338R	JOHND	473227 <sup>28</sup>	R550412	WILSO	415196 <sup>28</sup>
QWB723	QUINT	710311	R13881	CASE	470898	R33339R	JOHND	473227 <sup>28</sup>	R550416	WILSO	416888 <sup>28</sup>
QWB724	QUINT	710311	R14090	GAL	417269 <sup>28</sup>	R33340	JOHND	416404 <sup>28</sup>	R550416	WILSO	455200
QWB727	QUINT	225650	R14132	GAL	472012	R335212	WILSO	412119 <sup>28</sup>	R55048	WILSO	416891 <sup>28</sup>
QWB747	QUINT	225010	R14133	GAL	415449 <sup>28</sup>	R335212	WILSO	450101	R575416	WILSO	416892 <sup>28</sup>
QWB748	QUINT	223550	R14133	GAL	455147	R33528	WILSO	411253 <sup>28</sup>	R575424	WILSO	415138 <sup>28</sup>
QWB785	QUINT	224820	R14134	GAL	417356 <sup>28</sup>	R33528	WILSO	450099	R600L-204	CONTI	417344 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
R600L-204	CONTI	455006	RD41544	GAL	450441	RF24187	GUY	471766 <sup>28</sup>	RM14642	HEIL	450094
R600L-293	CONTI	471466 <sup>28</sup>	RD41544	GAL	471341 <sup>28</sup>	RF2523	GUY	471316	RM14642	HEIL	473462
R600S-247	CONTI	330385 <sup>28</sup>	RD46540	GAL	416706 <sup>28</sup>	RF2913	GUY	472012	RM1466	HEIL	415072
R6110	BORGW	8160S	RD46540	GAL	455272	RF2921	GUY	470169	RM14671	HEIL	415001 <sup>28</sup>
R6110A	BORGW	8160S	RD49164	GAL	417604	RF2921	GUY	473214	RM14671	HEIL	455001
R625416	WILSO	415351 <sup>28</sup>	RD49243	GAL	455356	RF2922	GUY	472015 <sup>28</sup>	RM1468	HEIL	417357
R625430	WILSO	417273	RD50	UNIVE	450316	RF2925	GUY	450352	RM1468	HEIL	455192 <sup>28</sup>
R6542Z	WITTE	416921 <sup>28</sup>	RD50	UNIVE	472636 <sup>28</sup>	RF2925	GUY	472164 <sup>28</sup>	RM1469	HEIL	471231 <sup>28</sup>
R6542Z	WITTE	455011	RD51	UNIVE	473211 <sup>28</sup>	RF2932	GUY	415991	RM14692	HEIL	410316
R675516	WILSO	416107 <sup>28</sup>	RD52688	GAL	415449 <sup>28</sup>	RF2932	GUY	455146 <sup>28</sup>	RM14692	HEIL	472636 <sup>28</sup>
R675516	WILSO	455073	RD52688	GAL	455147	RF2956	GUY	415995 <sup>28</sup>	RM146A15	HEIL	470403
R746D	JOHND	471737	RD52761	GAL	418028	RF2956	GUY	455013	RM146A15	HEIL	470774 <sup>28</sup>
R7506	WILSO	415072	RD52761	GAL	455137 <sup>28</sup>	RF3702	GUY	471760	RM146A173	HEIL	450115
R769DN	JOHND	40652S	RD53870	AMC	351487	RF3932	GUY	415991	RM146A173	HEIL	473467
R800616	WILSO	416229	RD54429	AMC	450066	RF3932	GUY	455146 <sup>28</sup>	RM146A189	HEIL	471466 <sup>28</sup>
R-84114	JOHND	J1396	RD54429	AMC	473367 <sup>28</sup>	RF4018	GUY	473440 <sup>28</sup>	RM146A194	HEIL	417316 <sup>28</sup>
R8592	LETN	450183	RD55363	GAL	415150 <sup>28</sup>	RF5409	GUY	471466 <sup>28</sup>	RM146A194	HEIL	455004
R8592	LETN	472179	RD55426	GAL	416288 <sup>28</sup>	RF5410	GUY	471442 <sup>28</sup>	RM146A2	HEIL	416888 <sup>28</sup>
R86374	WILSO	416077	RD56	UNIVE	471762 <sup>28</sup>	RF5613	GUY	416664 <sup>28</sup>	RM146A2	HEIL	455200
R8643	LETN	450269	RE11036	JOHND	39952	RF5613	GUY	455364	RM146A202	HEIL	415076
R88597	JOHND	J1121	RE-13181	JOHND	417344 <sup>28</sup>	RF5800	GUY	410520	RM146A29	HEIL	417562
R888712	WILSO	455117	RE13310	JOHND	39956	RF5800	GUY	471272 <sup>28</sup>	RM146A34	HEIL	450154
R901716	WILSO	415551	RE-14439	JOHND	3173	RF5801	GUY	450519	RM146A34	HEIL	473234
R945001	MERIX	100494	RE1537	FUNK	416154 <sup>28</sup>	RF5801	GUY	471271 <sup>28</sup>	RM146A344	HEIL	416891 <sup>28</sup>
R945001	ROCKW	100494	RE17352	JOHND	39954	RF5866	GUY	471272 <sup>28</sup>	RM146A346	HEIL	470548
R945002	MERIX	100495	RE22764	JOHND	39954	RF8619	GUY	450494	RM146A346	HEIL	470625 <sup>28</sup>
R945002	ROCKW	100495	RE24959	JOHND	39952	RF8619	GUY	472164 <sup>28</sup>	RM146A390	HEIL	40027S
R945003	MERIX	100263	RE35885	GMC	39952	RF8628	GUY	450365	RM146A8	HEIL	417357
R945003	ROCKW	100263	RES3905	CONTI	415025	RF8628	GUY	470898	RM146A8	HEIL	455192 <sup>28</sup>
R945004	MERIX	100557	RF01-12-062	MAZDA	223012	RF8660	GUY	473179 <sup>28</sup>	RM146A92	HEIL	410316
R945004	ROCKW	100557	RF01-12-602	MAZDA	223012	RF8945	GUY	472150	RM146A92	HEIL	472636 <sup>28</sup>
R945007	MERIX	100557	RF03-12-603	MAZDA	223235	RL6491	HART	470027	RO-1	ATP	480479H
R945007	ROCKW	100557	RF03-12-603A	MAZDA	223235	RL6491	HART	471554 <sup>28</sup>	RO-21	ATP	223830
R945008	MERIX	100495	RF10513	GUY	410987 <sup>28</sup>	RL8360	CASE	470358	RO-21	ATP	223831
R945008	ROCKW	100495	RF10513	GUY	450686	RL8360	CASE	473231	RO2358	MASSE	471733
R945009	MERIX	100263	RF10624	GUY	415449 <sup>28</sup>	RM14610	HEIL	417538	RO2364	MASSE	474276 <sup>28</sup>
R945009	ROCKW	100263	RF10624	GUY	455147	RM14611	HEIL	416229	RO-27	ATP	223540
R945010	MERIX	100494	RF10676	GUY	415035	RM14612	HEIL	450194	RO-28	ATP	223830
R945010	ROCKW	100494	RF10676	GUY	415953	RM14612	HEIL	473010 <sup>28</sup>	RO-32	ATP	710876
RA02-27-165	MAZDA	712011	RF14519	GUY	470169	RM14613	HEIL	471442 <sup>28</sup>	RO-33	ATP	710173
RA14755	PETTI	40555	RF14519	GUY	473214	RM14614	HEIL	472560N <sup>28</sup>	RO-34	ATP	224810
RA14755	PETTI	40555S <sup>28</sup>	RF15232	GUY	417492	RM14614	HEIL	50151S	RO-4	ATP	223520 <sup>28</sup>
RA17455	PETTI	40555	RF16207	GUY	417247 <sup>28</sup>	RM14619	HEIL	412119 <sup>28</sup>	RO-43	ATP	710689
RA17455	PETTI	40555S <sup>28</sup>	RF16292	GUY	416135 <sup>28</sup>	RM14619	HEIL	450101	RO-49	ATP	710329
RA2277310	TW-DI	415304	RF17920	GUY	473179 <sup>28</sup>	RM14620	HEIL	416476 <sup>28</sup>	RO-51	ATP	223830
RA2277310	TW-DI	476470 <sup>28</sup>	RF18517	GUY	415995 <sup>28</sup>	RM14620	HEIL	455075	RO5109A	MASSE	416107 <sup>28</sup>
RAG350	PERFC	473517 <sup>28</sup>	RF18517	GUY	455013	RM14621	HEIL	455197N	RO5109A	MASSE	455073
RAG351A	PERFC	471192	RF18800	GUY	450365	RM14622	HEIL	470163	RO5118	MASSE	412943
RAG450	PERFC	471870 <sup>28</sup>	RF18800	GUY	470898	RM14622	HEIL	471766 <sup>28</sup>	RO5118A	MASSE	412943
RAG450	PERFC	471883	RF193	IRON	450082	RM14624	HEIL	415088 <sup>28</sup>	RO5119A	MASSE	472439
RC07004	FUNK	471192	RF193	IRON	473238	RM14624	HEIL	455088	RO5121A	MASSE	417554 <sup>28</sup>
RC446	GRAY	417191	RF19620	GUY	415281N	RM14627	HEIL	470027	RO5188A	MASSE	412943
RCF7206	FUNK	340724 <sup>28</sup>	RF20382	GUY	471689 <sup>28</sup>	RM14627	HEIL	471554 <sup>28</sup>	RO-53	ATP	710247
RCO7004	FUNK	471192	RF20691	GUY	471820	RM1463	HEIL	416271 <sup>28</sup>	RO-54	ATP	710806
RCP71164	FUNK	6936S <sup>28</sup>	RF20795	GUY	415995 <sup>28</sup>	RM14631	HEIL	471442 <sup>28</sup>	RO5519A	MASSE	472439
RCP71164	FUNK	9845	RF20795	GUY	455013	RM14632	HEIL	416345 <sup>28</sup>	RO-57	ATP	710704
RD33266	GAL	470077	RF20882	GUY	415458 <sup>28</sup>	RM14632	HEIL	455033	RO-58	ATP	710731
RD33266	GAL	474281 <sup>28</sup>	RF20882	GUY	455003	RM14633	HEIL	416865 <sup>28</sup>	RO-59	ATP	710702
RD41543	GAL	450069	RF23395	GUY	472439	RM1464	HEIL	416107 <sup>28</sup>	RO-60	ATP	223830
RD41543	GAL	473232	RF24187	GUY	470163	RM1464	HEIL	455073	RO-61	ATP	710732

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
RO-62	ATP	223830	RV538282	SKF	100944	S125	EIMCO	471766 <sup>28</sup>	S16101	CUMMI	470163
RO-64	ATP	2025	RW20-25	ACDEL	370023A	S1251	EIMCO	410752	S16101	CUMMI	471766 <sup>28</sup>
RO-67	ATP	710582	RW20-25	ACDEL	380023A	S126	EL-MO	471950	S16103	CUMMI	471192
RO-68	ATP	710740	RW507	FED	353120	S1275	EIMCO	416664 <sup>28</sup>	S16106	BORGW	415138 <sup>28</sup>
RO-69	ATP	710616	RW507D850	GMC	5458 <sup>30</sup>	S128	EIMCO	471808 <sup>28</sup>	S16106	CUMMI	471103 <sup>28</sup>
RO-70	ATP	710752	RW507E850	GMC	5458 <sup>30</sup>	S128	EL-MO	J1127	S16106	CUMMI	50197S
RO-74	ATP	471950	RW509850	GMC	5589 <sup>30</sup>	S129	EIMCO	470347	S16106	FMC	415138 <sup>28</sup>
RO-76	ATP	710141	RW707	GMC	5573 <sup>30</sup>	S129	EIMCO	474254 <sup>28</sup>	S16106	TRANG	415138 <sup>28</sup>
RO-77	ATP	712551	RW707	HYST	5573 <sup>30</sup>	S129	EL-MO	473233 <sup>28</sup>	S16108	CUMMI	470045
RO-79	ATP	712551	RX1582	OLIVE	470163	S130	EIMCO	450341	S16108	CUMMI	476838 <sup>28</sup>
RO-80	ATP	710112	RX1582	OLIVE	471766 <sup>28</sup>	S1301	EIMCO	415013	S16109	CUMMI	2291
RO-81	ATP	710319	RX1583	OLIVE	471424 <sup>28</sup>	S1301	EIMCO	415995 <sup>28</sup>	S16110	CUMMI	450083
RO-83	ATP	223840	RX19279	GMC	471554 <sup>28</sup>	S131	EIMCO	473423	S16110	CUMMI	472924 <sup>28</sup>
RO-84	ATP	710319	RX44183	JOHND	415142	S1311	EIMCO	416404 <sup>28</sup>	S16111	CUMMI	470219
RO-85	ATP	710319	RX44565	JOHND	415995 <sup>28</sup>	S1313	EIMCO	416011	S16111	CUMMI	471649 <sup>28</sup>
RO-87	ATP	710109	RX44565	JOHND	455013	S1313	EIMCO	417621 <sup>28</sup>	S16113	CUMMI	473458
ROLL2X	LK-BT	471689 <sup>28</sup>	RX45715	JOHND	455195	S1314	EIMCO	415016N	S16114	CUMMI	416654 <sup>28</sup>
ROO083041	FWD	471646 <sup>28</sup>	RX45715	JOHND	472157 <sup>28</sup>	S133	EIMCO	416011	S16114	CUMMI	455012
RP5087	ITM	473229 <sup>28</sup>	RX45933	JOHND	470027	S133	EIMCO	417621 <sup>28</sup>	S16115	CUMMI	470059
RQ00366	READY	473473	RX45933	JOHND	471554 <sup>28</sup>	S134	MACK	450316	S16115	CUMMI	470380 <sup>28</sup>
RQ88222	READY	471763	RX45951	JOHND	470027	S134	MACK	472636 <sup>28</sup>	S16116	CUMMI	39302
RQ88302	READY	473473	RX45951	JOHND	471554 <sup>28</sup>	S1350	EIMCO	415437	S16118	CUMMI	450316
RQ92993	READY	471763	RZL12	AM CA	480630 <sup>28</sup>	S137	EIMCO	472258 <sup>28</sup>	S16118	CUMMI	472636 <sup>28</sup>
RT1027	MASSE	415284	S00506	GR-RP	470380 <sup>28</sup>	S137	EL-MO	J1111	S16119	CUMMI	450095
RT153	MINNM	473213 <sup>28</sup>	S02047	CARDX	417191	S1386	EIMCO	417211 <sup>28</sup>	S16119	CUMMI	473464 <sup>28</sup>
RT3718	BL-KN	450183	S02047	CARDX	455165 <sup>28</sup>	S139	EIMCO	473215 <sup>28</sup>	S16120	CUMMI	470059
RT3718	BL-KN	472179	S-0283343	IH	455186	S140	EIMCO	473446	S16120	CUMMI	470380 <sup>28</sup>
RT3719	BL-KN	416738 <sup>28</sup>	S100	EIMCO	240731	S140	EL-MO	473445	S16121	CUMMI	470950 <sup>28</sup>
RT3719	BL-KN	450096	S101	EIMCO	470120	S14048	KELSE	6064	S16121	CUMMI	6241S
RT442	PERFC	417344 <sup>28</sup>	S101	EIMCO	471224 <sup>28</sup>	S141	EIMCO	472658	S16122	CUMMI	471744 <sup>28</sup>
RT450B	TRANG	473215 <sup>28</sup>	S102	EIMCO	340724 <sup>28</sup>	S141	EIMCO	473197	S16123	CUMMI	470712 <sup>28</sup>
RT502A	TRANG	450121	S1050	EIMCO	410119	S142	EIMCO	413469 <sup>28</sup>	S16124	CUMMI	411253 <sup>28</sup>
RT502A	TRANG	472409 <sup>28</sup>	S1050	EIMCO	471442 <sup>28</sup>	S142	EL-MO	473228 <sup>28</sup>	S16124	CUMMI	450099
RT513547	TRANG	415498	S106	EL-MO	471231 <sup>28</sup>	S143	EIMCO	473016 <sup>28</sup>	S16125	CUMMI	450069
RT514D	TRANG	450316	S1072	C-W	416476 <sup>28</sup>	S145	EIMCO	473226	S16125	CUMMI	473232
RT514D	TRANG	472636 <sup>28</sup>	S1072	C-W	455075	S146	EIMCO	450621	S16126	CUMMI	470169
RT525B	TRANG	455195	S1072	WOOL	416476 <sup>28</sup>	S147	EIMCO	473439 <sup>28</sup>	S16126	CUMMI	473214 <sup>28</sup>
RT525B	TRANG	472157 <sup>28</sup>	S1072	WOOL	455075	S148	EIMCO	40382	S16127	CUMMI	450067
RT5317	BL-KN	450085	S107211035	WOOL	416476 <sup>28</sup>	S150	EIMCO	473227	S16127	CUMMI	473228
RT5317	BL-KN	470530 <sup>28</sup>	S107211035	WOOL	455075	S15088	NOVO	472826 <sup>28</sup>	S16128	CUMMI	471829
RT5756	BU-SP	471192	S1077	EIMCO	470954 <sup>28</sup>	S15089	NOVO	415995 <sup>28</sup>	S16129	CUMMI	471820
RT6000A-51	BL-KN	450183	S1089	EIMCO	471795	S15089	NOVO	455013	S16130	CUMMI	415003
RT6000A-51	BL-KN	472179	S109	EIMCO	471651	S151	EIMCO	470059	S16130	CUMMI	415458 <sup>28</sup>
RT6000A-52	BL-KN	473460	S110	EIMCO	470045	S151	EIMCO	470380 <sup>28</sup>	S16132	BORGW	450365
RT6076	BL-KN	450183	S110	EIMCO	476838 <sup>28</sup>	S15171	LETN	450066	S16132	BORGW	470898 <sup>28</sup>
RT6076	BL-KN	472179	S110	MACK	323138 <sup>28</sup>	S15171	LETN	473367 <sup>28</sup>	S16132	FMC	450365
RT6223	BL-KN	473215 <sup>28</sup>	S1101	EIMCO	473228 <sup>28</sup>	S153	EIMCO	240319	S16132	FMC	470898 <sup>28</sup>
RT6224	BL-KN	473236 <sup>28</sup>	S111	EIMCO	471652	S154	EIMCO	473458	S16134	CUMMI	340385
RT7330	BL-KN	413247 <sup>28</sup>	S113-33-067	MAZDA	225225	S15415	C-P	471354 <sup>28</sup>	S16135	CUMMI	472287 <sup>28</sup>
RT7330	BL-KN	450350	S1140	EIMCO	473239 <sup>28</sup>	S15485	NOVO	473016 <sup>28</sup>	S16136	CUMMI	472826 <sup>28</sup>
RT7412	BL-KN	450085	S115	EIMCO	473427	S155	EIMCO	450326	S16138	CUMMI	471570 <sup>28</sup>
RT7412	BL-KN	470530 <sup>28</sup>	S1160	EIMCO	473242	S1550	EIMCO	416107 <sup>28</sup>	S16140	CUMMI	471765 <sup>28</sup>
RT7413	BL-KN	450183	S1180	LETN	417562	S156	EIMCO	416892 <sup>28</sup>	S16141	CUMMI	471354 <sup>28</sup>
RT7413	BL-KN	472179	S119	EIMCO	470077	S15804485A000	EMRSN	471549 <sup>28</sup>	S16142	CUMMI	39302
RT908	MINNM	473225 <sup>28</sup>	S119	EIMCO	474281 <sup>28</sup>	S160	EIMCO	450185	S16143	CUMMI	415449 <sup>28</sup>
RTB3920	GACO	470088	S1200	EIMCO	473243	S160	EIMCO	473229	S16143	CUMMI	455147
RTC4289	ROVER	710780	S121	EIMCO	473205	S161	EIMCO	415294 <sup>28</sup>	S16147	CUMMI	450070
RTC5102	ROVER	224010	S123	GRAY	473438	S161	EIMCO	455294	S16147	CUMMI	472185 <sup>28</sup>
RTL366	FAIRB	450067	S124	EIMCO	471413 <sup>28</sup>	S16100	CUMMI	470120	S16148	CUMMI	417316 <sup>28</sup>
RTL366	FAIRB	473228	S125	EIMCO	470163	S16100	CUMMI	471224 <sup>28</sup>	S16148	CUMMI	455004

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
S16149	CUMMI	450194	S2025	LUF	471870 <sup>28</sup>	S2388	EIMCO	415034 <sup>28</sup>	S2975119	NATAU	472439
S16149	CUMMI	473010 <sup>28</sup>	S2025	LUF	471883	S244	CONST	471887	S300	EIMCO	417350 <sup>28</sup>
S16150	CUMMI	340385	S2027B	LUF	450441	S250	EIMCO	411245 <sup>28</sup>	S300	EIMCO	455479
S16151	FMC	415449 <sup>28</sup>	S2027B	LUF	471341 <sup>28</sup>	S250	EIMCO	455096	S301	EIMCO	415995 <sup>28</sup>
S16152	CUMMI	417501	S2032	LUF	416654 <sup>28</sup>	S2500	EIMCO	415725 <sup>28</sup>	S301	EIMCO	455013
S16153	CUMMI	473016 <sup>28</sup>	S2032	LUF	455012	S253	EIMCO	450519	S3013G	REPUB	351267
S16154	CUMMI	471785 <sup>28</sup>	S2035	LUF	415304	S253	EIMCO	471271 <sup>28</sup>	S3013G	REPUB	471267 <sup>28</sup>
S16155	CUMMI	472705 <sup>28</sup>	S2035	LUF	476470 <sup>28</sup>	S254	EIMCO	415001 <sup>28</sup>	S3014G	REPUB	472560N <sup>28</sup>
S16157	CUMMI	340385	S2049	CUMMI	450076	S254	EIMCO	455001	S3014G	REPUB	50151S
S16158	CUMMI	471529	S2049	CUMMI	470334 <sup>28</sup>	S255	EIMCO	40555	S3015G	REPUB	471413 <sup>28</sup>
S16161	CUMMI	471571	S2049A	LUF	417541	S255	EIMCO	40555S <sup>28</sup>	S3016G	REPUB	471466 <sup>28</sup>
S1617	GR-RP	471267 <sup>28</sup>	S205	EIMCO	473242	S2580	MIXMO	473446	S3017G	REPUB	340151
S162	EIMCO	450066	S2050	BORGW	450335	S2601	EIMCO	471554 <sup>28</sup>	S3019	MIXMO	450519
S162	EIMCO	473367 <sup>28</sup>	S2051	BORGW	470548	S2601	LETN	471192	S3019	MIXMO	471271 <sup>28</sup>
S16216	WABCO	415027 <sup>29</sup>	S2051	BORGW	470625 <sup>28</sup>	S2603	LETN	417512	S302	EIMCO	417351 <sup>28</sup>
S1631	FMC	471192	S2052	BORGW	350435	S2604	EIMCO	473215 <sup>28</sup>	S302	EIMCO	455154
S164	EIMCO	352541	S2054	BORGW	470565 <sup>28</sup>	S2604	LETN	412943	S3023G	REPUB	351267
S1642	GR-RP	471808 <sup>28</sup>	S2055	BORGW	415984 <sup>28</sup>	S2610	EIMCO	471224 <sup>28</sup>	S3023G	REPUB	471267 <sup>28</sup>
S165	EIMCO	450275	S2057	IG-RA	470712 <sup>28</sup>	S2611	EIMCO	40140S	S3024C	REPUB	474278
S167	EIMCO	450069	S206	EIMCO	410102	S2615	MIXMO	450115	S3024C	REPUB	6859S
S167	EIMCO	473232	S2063	BORGW	450291	S2615	MIXMO	473467	S3026F	REPUB	6835S
S1699	GR-RP	481163 <sup>28</sup>	S2063	BORGW	471141 <sup>28</sup>	S2617	MIXMO	450117	S3027C	REPUB	7188S
S1700	GR-RP	450301	S2065	BORGW	415138 <sup>28</sup>	S2617	MIXMO	472572 <sup>28</sup>	S3029C	REPUB	6835S
S1700	GR-RP	472397 <sup>28</sup>	S2065	TRANG	415138 <sup>28</sup>	S2621	EIMCO	410316	S3031C	REPUB	8773S
S1715	LETN	450273	S207	EIMCO	416738 <sup>28</sup>	S2621	EIMCO	472636 <sup>28</sup>	S3036C	REPUB	474278
S176	EIMCO	450352	S207	EIMCO	450096	S2625	EIMCO	240736	S3036C	REPUB	6859S
S176	EIMCO	472164 <sup>28</sup>	S2074	BORGW	471192	S263	CONST	416239 <sup>28</sup>	S3039G	REPUB	7013S
S1765	WOOL	415047	S2077	BORGW	470548	S263	EIMCO	415483 <sup>28</sup>	S304	EIMCO	417487
S177	EIMCO	450291	S2077	BORGW	470625 <sup>28</sup>	S263	EIMCO	455368	S304	EIMCO	455086
S177	EIMCO	471141 <sup>28</sup>	S208	EIMCO	450365	S265	CONST	450078	S3041G	REPUB	8059S
S178	EIMCO	473448	S208	EIMCO	470898 <sup>28</sup>	S265	CONST	473444	S306	EIMCO	55548
S1796	CUMMI	471419	S213	EIMCO	472015 <sup>28</sup>	S265	EIMCO	417082	S310	CONST	472185 <sup>28</sup>
S1796	CUMMI	473367 <sup>28</sup>	S214	EIMCO	410312N	S2655	EIMCO	415447	S312	EIMCO	416404 <sup>28</sup>
S1800	CUMMI	410085	S2140	EIMCO	471466 <sup>28</sup>	S2660	MIXMO	471763	S313	EIMCO	416011
S1800	CUMMI	470530 <sup>28</sup>	S215	EIMCO	413469 <sup>28</sup>	S2677	MIXMO	450177	S313	EIMCO	417621 <sup>28</sup>
S1805F162	CUMMI	415086N	S2166	MIXMO	450066	S268	EIMCO	455151	S314	EIMCO	416288 <sup>28</sup>
S1805F162	CUMMI	417487 <sup>28</sup>	S2166	MIXMO	473367 <sup>28</sup>	S2684D	JOHND	473179 <sup>28</sup>	S319	EIMCO	417490
S181	EIMCO	473450	S2177	EIMCO	472185 <sup>28</sup>	S-27267	HENDR	370025A	S3208	MIXMO	416345 <sup>28</sup>
S184	EIMCO	473451 <sup>28</sup>	S218	EIMCO	472234	S-27267	HENDR	380025A	S3208	MIXMO	455033
S185	EIMCO	450298	S219	EIMCO	472018	S2786	MIXMO	474274	S3216	MIXMO	415041
S185	EIMCO	473239	S220	EIMCO	473245 <sup>28</sup>	S279	EIMCO	415303 <sup>28</sup>	S3246	MIXMO	417546 <sup>28</sup>
S1855	CUMMI	415060	S2202	EIMCO	472924 <sup>28</sup>	S280	EIMCO	417316 <sup>28</sup>	S325	EIMCO	455018
S186	EIMCO	473240 <sup>28</sup>	S2204	GMC	471413 <sup>28</sup>	S280	EIMCO	455004	S325	EIMCO	476470
S187	EIMCO	410524	S2213	EIMCO	472015 <sup>28</sup>	S281	EIMCO	417484N	S3254	MIXMO	455079 <sup>28</sup>
S188	EIMCO	450082	S2225	EIMCO	411376 <sup>28</sup>	S281	EIMCO	455322	S3276	MIXMO	416282
S188	EIMCO	473238	S223	EIMCO	450441	S2819	MIXMO	481163 <sup>28</sup>	S328	EIMCO	415023
S189	LETN	415025	S223	EIMCO	471341 <sup>28</sup>	S2828	MIXMO	470328	S329	EIMCO	415023
S190	LETN	455406 <sup>28</sup>	S225	EIMCO	450316	S2828	MIXMO	481213 <sup>28</sup>	S336	EIMCO	415442 <sup>28</sup>
S1918	CUMMI	471466 <sup>28</sup>	S225	EIMCO	472636 <sup>28</sup>	S284	EIMCO	475384	S338	EIMCO	417191
S197	EIMCO	50528	S228	EIMCO	415234 <sup>28</sup>	S2852	MIXMO	450352	S338	EIMCO	455165 <sup>28</sup>
S199	EIMCO	352541	S2293	EIMCO	475012N	S2852	MIXMO	472164 <sup>28</sup>	S339	EIMCO	455249 <sup>28</sup>
S200	EIMCO	450389	S2298	LETN	455026	S287	EIMCO	417344 <sup>28</sup>	S340	ELGIN	223340
S200	EIMCO	472492 <sup>28</sup>	S2299	LETN	417269 <sup>28</sup>	S287	EIMCO	455006	S350	EIMCO	415437
S2002	CUMMI	473215 <sup>28</sup>	S2300	EIMCO	415836	S288	EIMCO	455310	S360	EIMCO	415991
S2013	LUF	410163	S2300	EIMCO	415995 <sup>28</sup>	S289	EIMCO	416921 <sup>28</sup>	S360	EIMCO	455146 <sup>28</sup>
S2013	LUF	471766 <sup>28</sup>	S2383	LETN	416167 <sup>28</sup>	S289	EIMCO	455011	S3621	CARDX	417191
S202	EIMCO	450083	S2383	LETN	455091	S290	EIMCO	455144	S3621	CARDX	455165 <sup>28</sup>
S202	EIMCO	472924 <sup>28</sup>	S2384	LETN	417171 <sup>28</sup>	S2901	MIXMO	352541	S363	EIMCO	415937 <sup>28</sup>
S2021	LUF	450070	S2385	LETN	457874	S293	EIMCO	416654 <sup>28</sup>	S366	EIMCO	415379 <sup>28</sup>
S2021	LUF	472185 <sup>28</sup>	S2386	LETN	417539 <sup>28</sup>	S293	EIMCO	455012	S366	EIMCO	455379

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
S3665	EIMCO	J1117	S5M293	TIMKE	5M293	S6314	WHITE	415138 <sup>28</sup>	S9925	MASSE	471760
S3679	MIXMO	450066	S5M403	TIMKE	5M403	S63323	C-P	240356	S9931	MASSE	413247 <sup>28</sup>
S3679	MIXMO	473367 <sup>28</sup>	S5M466	TIMKE	5M466	S63324	C-P	473466	S9931	MASSE	450350
S3680	MIXMO	415437	S5M643	TIMKE	5M643	S64	EIMCO	471466 <sup>28</sup>	S9932	MASSE	450083
S380	EIMCO	415958 <sup>28</sup>	S5M81	TIMKE	5M81	S6501	MUSAS	710227	S9932	MASSE	472924 <sup>28</sup>
S380	EIMCO	455958	S5M89	TIMKE	5M89	S6502	MUSAS	710228	S9936	MASSE	480630 <sup>28</sup>
S381-26-157	VILA	710150	S5MR1008	TIMKE	5MR1008	S65038	CASE	417344 <sup>28</sup>	S9937	MASSE	470120
S381-26-157A	MAZDA	710150	S5MR1009	TIMKE	5MR1009	S65046	C-P	471750 <sup>28</sup>	S9937	MASSE	471224 <sup>28</sup>
S390	EIMCO	415034 <sup>28</sup>	S5MR1300	TIMKE	5MR1300	S6514	MUSAS	222745	S9940	MASSE	418028
S390	EIMCO	455034	S5MR71	TIMKE	5MR71	S6520	MUSAS	710859	S9940	MASSE	455137 <sup>28</sup>
S400	CLOYE	223400	S600	EIMCO	415072	S6524	MUSAS	223801	S9942	MASSE	470403
S400	ELGIN	223400	S6050	WHITE	415449 <sup>28</sup>	S6616	LETN	472144 <sup>28</sup>	S9942	MASSE	470774 <sup>28</sup>
S401	EIMCO	417356 <sup>28</sup>	S6050	WHITE	455147	S7214	WHITE	417158 <sup>28</sup>	S9943	MASSE	415150 <sup>28</sup>
S401	EIMCO	455188	S6051	WHITE	417344 <sup>28</sup>	S7214	WHITE	455355	S9948	MASSE	470712 <sup>28</sup>
S410	ELGIN	710416	S6053	MERIX	470045	S7215	WHITE	415960 <sup>28</sup>	S9949	MASSE	450194
S412	EIMCO	415043	S6053	MERIX	476838 <sup>28</sup>	S7215	WHITE	455009	S9949	MASSE	473010 <sup>28</sup>
S413	EIMCO	417512	S6053	ROCKW	470045	S7243	LETN	472439	SA10028	CLARK	417354 <sup>28</sup>
S4135	CARDX	411253 <sup>28</sup>	S6053	ROCKW	476838 <sup>28</sup>	S7306	WHITE	415023	SA10177	CLARK	417344 <sup>28</sup>
S4135	CARDX	450099	S6053	WHITE	470045	S760423	MIXMO	240151	SA10177	CLARK	455006
S414	EIMCO	455203	S6053	WHITE	476838 <sup>28</sup>	S79567	C-P	40370S	SA10279	CLARK	415991
S415	EIMCO	415295	S6054	WHITE	470027	S8337	JOHND	450765 <sup>28</sup>	SA10279	CLARK	455146 <sup>28</sup>
S420T	ELGIN	223420	S6054	WHITE	471554 <sup>28</sup>	S84143	C-P	340151	SA10570	CLARK	415263
S425	EIMCO	455195	S6056	WHITE	450066	S843	LETN	473245 <sup>28</sup>	SA10612	CLARK	450389
S425	EIMCO	472157 <sup>28</sup>	S6056	WHITE	473367 <sup>28</sup>	S85318	C-P	350414	SA10612	CLARK	472492 <sup>28</sup>
S4250	CARDX	415007	S6101	WHITE	450117	S85318	C-P	472311 <sup>28</sup>	SA10792	CLARK	450867
S430	EIMCO	455197N	S6101	WHITE	472572 <sup>28</sup>	S85513	GMC	416888 <sup>28</sup>	SA10792	CLARK	470898
S452	EIMCO	416154 <sup>28</sup>	S6102	WHITE	412943	S85513	GMC	455200	SA10951	CLARK	481163 <sup>28</sup>
S455	EIMCO	416892 <sup>28</sup>	S6103	WHITE	450115	S86830	C-P	351267	SA11361	CLARK	415995 <sup>28</sup>
S4553	LETN	415437 <sup>28</sup>	S6103	WHITE	473467 <sup>28</sup>	S86830	C-P	471267 <sup>28</sup>	SA11361	CLARK	455013
S4553	LETN	455173	S6104	WHITE	416339	S86832	C-P	416404 <sup>28</sup>	SA12419	CLARK	471316
S465154	MIXMO	410308 <sup>28</sup>	S6104	WHITE	455031 <sup>28</sup>	S86B1535	GREEN	240731	SA12495	CLARK	417556
S465154	MIXMO	450308	S6105	WHITE	450316	S86B428	GREEN	240736	SA13011	CLARK	416125 <sup>28</sup>
S480785	MIXMO	5751	S6105	WHITE	472636 <sup>28</sup>	S87	EIMCO	471570 <sup>28</sup>	SA13104	CLARK	470565 <sup>28</sup>
S4809112	MIXMO	455336	S6106	WHITE	412943	S88	EIMCO	471267 <sup>28</sup>	SA13222	CLARK	455117
S4874	MUSAS	225005	S6108	WHITE	450067	S89	EIMCO	470590	SA13223	CLARK	415683
S4876	MUSAS	710230	S6108	WHITE	473228	S8900	LETN	417158 <sup>28</sup>	SA13332	CLARK	415035 <sup>28</sup>
S4881	MUSAS	710464	S6109	WHITE	411253 <sup>28</sup>	S8900	LETN	455355	SA13332	CLARK	455035
S4882	MUSAS	710463	S6109	WHITE	450099	S96168	CASE	416888 <sup>28</sup>	SA13437	CLARK	415379 <sup>28</sup>
S4883	MUSAS	710226	S6110	WHITE	450593 <sup>28</sup>	S9694	LETN	471579	SA13437	CLARK	455379
S4884	MUSAS	710529	S6112	WHITE	450183	S9697	LETN	415711	SA13514	CLARK	415995 <sup>28</sup>
S4885	MUSAS	223050	S6112	WHITE	472179	S971	LETN	415351 <sup>28</sup>	SA13514	CLARK	455013
S4886	MUSAS	222558	S6119	CUMMI	415995 <sup>28</sup>	S977	MACK	450400	SA14931	CLARK	417541
S4887	MUSAS	223230	S6119	CUMMI	455013	S99	EIMCO	450457	SA15511	CLARK	472150
S4888	MUSAS	710236	S6207	WHITE	411245 <sup>28</sup>	S9900	MASSE	473461 <sup>28</sup>	SA15872	CLARK	470950 <sup>28</sup>
S4889	MUSAS	710235	S6207	WHITE	455096	S9901	MASSE	50528	SA15872	CLARK	6241S
S4892	MUSAS	710235	S6208	WHITE	415449 <sup>28</sup>	S9904	LILIS	473236 <sup>28</sup>	SA16434	CLARK	450073
S4894	MUSAS	3051N	S6208	WHITE	455147	S9904	MASSE	473236 <sup>28</sup>	SA16899	CLARK	416154 <sup>28</sup>
S4895	MUSAS	710819	S6209	WHITE	415302	S9905	MASSE	470169	SA17087	CLARK	472492 <sup>28</sup>
S4896	MUSAS	710739	S6212	WHITE	417316 <sup>28</sup>	S9905	MASSE	473214	SA17393	CLARK	240731
S490	EIMCO	417273	S6212	WHITE	455004	S9906	BORGW	450474	SA17781	CLARK	351028
S501	EIMCO	417278	S6214	WHITE	417158 <sup>28</sup>	S9906	MASSE	450474	SA17918	CLARK	413248
S501-16-103	MAZDA	223012	S6214	WHITE	455355	S9907	MASSE	5872S	SA179543	BENDI	351267
S502	EIMCO	417541	S6249	LETN	417509	S9910	CONTI	473423	SA179543	BENDI	471267 <sup>28</sup>
S51	EIMCO	471442 <sup>28</sup>	S62491	LETN	417509	S9910	MASSE	473423	SA18965	CLARK	370021A
S5265	EIMCO	417082	S625	EIMCO	417562	S9911	MASSE	350954	SA19653	CLARK	416070
S535383	BORGW	470625 <sup>28</sup>	S630	EIMCO	415294 <sup>28</sup>	S9911	MASSE	470954 <sup>28</sup>	SA20407	CLARK	6663S
S538	EIMCO	455576 <sup>28</sup>	S630	EIMCO	455294	S9912	BORGW	471829	SA30050	CLARK	471538 <sup>28</sup>
S5452	EIMCO	416154 <sup>28</sup>	S6302	WHITE	417171 <sup>28</sup>	S9912	MASSE	471829	SA30119	CLARK	350156
S560	EIMCO	415447	S6305	WHITE	475009N	S9922	MASSE	450444	SA30119	CLARK	473096
S5M289	TIMKE	5M289	S6312	WHITE	417181 <sup>28</sup>	S9922	MASSE	471835 <sup>28</sup>	SA30614	CLARK	5865

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
SA31026	CLARK	416422	SC5478	LETN	455093	SE-42	CTD	45013S <sup>29</sup>	SK12336	CLARK	455272
SA31030	CLARK	415371	SC5485	LETN	417344 <sup>28</sup>	SE-43	CTD	204020	SK12413	CLARK	470347
SA31076	CLARK	415076	SC5485	LETN	455006	SE-43	CTD	204505 <sup>29</sup>	SK12413	CLARK	474254 <sup>28</sup>
SA31305	CLARK	417344 <sup>28</sup>	SC5531	LETN	450085	SE-44	CTD	204508	SK1283	HYST	417181 <sup>28</sup>
SA31305	CLARK	455006	SC5531	LETN	470530 <sup>28</sup>	SE-47	CTD	410102	SK13081	CLARK	450444
SA31409	CLARK	410316	SC555	FMC	455396	SE-48	CTD	415088	SK13081	CLARK	471835 <sup>28</sup>
SA31409	CLARK	472636 <sup>28</sup>	SC7611	LETN	416654 <sup>28</sup>	SE-54	CTD	416149	SK13082	CLARK	450352
SA31568	CLARK	415146 <sup>28</sup>	SC7611	LETN	455012	SE-57	CTD	204506 <sup>29</sup>	SK13082	CLARK	472164 <sup>28</sup>
SA31568	CLARK	415991	SC8133	LETN	417191	SE-58	CTD	46997S	SK13505	CLARK	416404 <sup>28</sup>
SA31670	CLARK	204017	SC8674	LETN	417485	SE-59	CTD	412725	SK14164	CLARK	415004
SA31713	CLARK	471341 <sup>28</sup>	SC8675	LETN	455032 <sup>28</sup>	SE-61	CTD	7750	SK14164	CLARK	417316 <sup>28</sup>
SA33616	CLARK	417344 <sup>28</sup>	SC8965	LETN	416154 <sup>28</sup>	SE-63	CTD	473473	SK15028	CLARK	415449 <sup>28</sup>
SA33990	CLARK	450067	SD1-10005176	SELAS	3698	SE-64	CTD	204013	SK15028	CLARK	455147
SA33990	CLARK	473228	SD113X2	FAWIC	415045 <sup>28</sup>	SE-65	CTD	204020	SK16892	CLARK	413247 <sup>28</sup>
SA34395	CLARK	J1125	SD113X3	FAWIC	415036	SF1707	LETN	417520	SK16892	CLARK	450350
SA34776	CLARK	470605 <sup>28</sup>	SD113X4	FAWIC	472144 <sup>28</sup>	SF1707	WABCO	417520	SK17271	SPICE	40769S
SA35449	CLARK	417247 <sup>28</sup>	SD113X5	FAWIC	415437 <sup>28</sup>	SF17073	LETN	417520	SK1767	CLARK	472258 <sup>28</sup>
SA35454	CLARK	415001 <sup>28</sup>	SD113X5	FAWIC	455173	SF1708	LETN	415645 <sup>28</sup>	SK1829	CHRYSLER	7412S
SA45107	CLARK	473237 <sup>28</sup>	SD113X6	FAWIC	455406 <sup>28</sup>	SF1708	LETN	455104	SK20257	CLARK	473245 <sup>28</sup>
SA45120	CLARK	470565 <sup>28</sup>	SD1827	STDFG	6663S	SF1723	LETN	417247 <sup>28</sup>	SK20505	BORGW	8160S
SA48949	CLARK	415035V	SD2289	LETN	416892 <sup>28</sup>	SF1724	LETN	416476 <sup>28</sup>	SK20883	CLARK	473245 <sup>28</sup>
SA4996	CLARK	416921 <sup>28</sup>	SD2516	LETN	455310	SF1724	LETN	455075	SK25899	CLARK	471276
SA5043	CLARK	450070	SD3008	LETN	416107 <sup>28</sup>	SF17241	LETN	416476 <sup>28</sup>	SK25906	CLARK	472164 <sup>28</sup>
SA5043	CLARK	472185 <sup>28</sup>	SD3008	LETN	455073	SF17241	LETN	455075	SK25910	CLARK	472658
SA5195	CLARK	417507 <sup>28</sup>	SD5430	LETN	415991 <sup>28</sup>	SF4210	LETN	415437 <sup>28</sup>	SK25910	CLARK	473197
SA5195	CLARK	455513	SD5430	LETN	415991N	SF4210	LETN	455173	SK25911	CLARK	471466 <sup>28</sup>
SA5208	CLARK	415036	SD553487	SELAS	8610	SF5344	LETN	415284	SK27234	SPICE	450117
SA5889	CLARK	470351	SD5885	LETN	413469 <sup>28</sup>	SF5345	LETN	416345 <sup>28</sup>	SK27234	SPICE	472572 <sup>28</sup>
SA5889	CLARK	471504 <sup>28</sup>	SD6612	LETN	417491	SF5345	LETN	455033	SK28389	CLARK	471267 <sup>28</sup>
SA64601	EATON	712625	SD8181	GMC	450365	SF53456	WABCO	416345 <sup>28</sup>	SK31097	CLARK	471281 <sup>28</sup>
SA6725	CLARK	417210 <sup>28</sup>	SD8181	GMC	470898	SF53456	WABCO	455033	SK31284	CLARK	472572 <sup>28</sup>
SA7465	CLARK	417488 <sup>28</sup>	SD970	HU-WR	470027	SF5346	LETN	417205 <sup>28</sup>	SK3880	CHRYSLER	471271 <sup>28</sup>
SA7753	CLARK	450083	SD970	HU-WR	471554 <sup>28</sup>	SF5347	LETN	455018	SK408554HH	BORGW	450069
SA7753	CLARK	472924 <sup>28</sup>	SD9705	LETN	417598	SF5347	LETN	476470	SK408554HH	BORGW	473232
SA7794	CLARK	417264 <sup>28</sup>	SE08-10-602	MAZDA	8316	SF53471	LETN	455018	SK4328	CLARK	472287 <sup>28</sup>
SA8814	CLARK	6584S	SE-10	CTD	203025	SF53471	LETN	476470	SK4329K110	BORGW	450362
SA8856	CLARK	45031S	SE1000008	AMBO	350364	SF5348	LETN	416229	SK4357B110	BORGW	470064
SA9177	CLARK	471763	SE1015	AMBO	40162S	SF53481	LETN	416229	SK4357B110	BORGW	471821 <sup>28</sup>
SA9962	CLARK	415991	SE-11	CTD	203013	SG-1Q	ATP	342805	SK4357LL54	BORGW	473436
SA9962	CLARK	455146 <sup>28</sup>	SE-12	CTD	204017	SG2031	LETN	415437 <sup>28</sup>	SK4359BB110	BORGW	450066
SB1354S	PERFC	351028	SE-13	CTD	204038	SG2031	LETN	455173	SK4359BB110	BORGW	473367 <sup>28</sup>
SB207	COFAP	6936S	SE-15	CTD	204027	SG2034	LETN	415142	SK4372B4	BORGW	472560N <sup>28</sup>
SB901241178	JOY	412473 <sup>28</sup>	SE-16	CTD	204506	SG2036	LETN	450389	SK4372B4	BORGW	50151S
SB901241178	JOY	415894	SE-16	CTD	415082	SG2036	LETN	472492 <sup>28</sup>	SK4380108	BORGW	470027
SB-938151	AMGEN	8430S	SE-19	CTD	204005	SG2039	LETN	455134 <sup>28</sup>	SK4380108	BORGW	471554 <sup>28</sup>
SB-994258	AMGEN	481837	SE-21	CTD	412027	SG-21A	ATP	8792S	SK4380A108	BORGW	471267 <sup>28</sup>
SB-994261	AMGEN	9912	SE-23	CTD	204035	SG4302	LETN	455336	SK438179	BORGW	410312N
SB-998092	AMGEN	5778	SE-25	CTD	204508 <sup>29</sup>	SG4349	LETN	415138 <sup>28</sup>	SK4391110	BORGW	411376 <sup>28</sup>
SBG41M91723	CINMI	471442 <sup>28</sup>	SE-26	CTD	442109	SG43492	LETN	415138 <sup>28</sup>	SK4391110	BORGW	455093
SC1508	LETN	411348 <sup>28</sup>	SE-30	CTD	455253	SG43496	WABCO	415138 <sup>28</sup>	SK4407A110	BORGW	471795
SC160	EMSCO	417181 <sup>28</sup>	SE3013	AMBO	350156	SG7	CALSO	410524	SK4412	CLARK	470347
SC2504	LETN	416339	SE3013	AMBO	473096	SG7067	LETN	7208S	SK4412	CLARK	474254 <sup>28</sup>
SC2504	LETN	455031 <sup>28</sup>	SE-31	CTD	55337	SG7612	LETN	415937 <sup>28</sup>	SK4413A1110	BORGW	410059
SC2978	LETN	416921 <sup>28</sup>	SE-34	CTD	40286	SG8717	LETN	417298	SK4413A1110	BORGW	470380 <sup>28</sup>
SC2978	LETN	455011	SE-35	CTD	455079	SGR42609A	NOK	2025	SK4413AJ10	BORGW	8160S
SC4613	LETN	415995 <sup>28</sup>	SE-36	CTD	455655	SK10045	CLARK	417316 <sup>28</sup>	SK4413DP110	BORGW	471344
SC4613	LETN	455013	SE-37	CTD	42421S <sup>29</sup>	SK10045	CLARK	455004	SK4413LL110	BORGW	470548
SC525	LETN	450070	SE-38	CTD	204506 <sup>29</sup>	SK10088	CLARK	345035	SK4413LL110	BORGW	470625 <sup>28</sup>
SC525	LETN	472185 <sup>28</sup>	SE-40	CTD	41013S	SK10332	CLARK	473405	SK4413R108	BORGW	471648
SC5478	LETN	411376 <sup>28</sup>	SE-41	CTD	204506	SK12336	CLARK	416706 <sup>28</sup>	SK4413R110	BORGW	472287 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
SK4427AA110	BORGW	473235 <sup>28</sup>	SKA16333	SPICE	5778	SKT27720	SPICE	482253	SL260002	TIMKE	710568
SK4427CC110	BORGW	450194	SKA165229	SPICE	482253	SKT27824	SPICE	5976S	SL260003	TIMKE	710574
SK4427CC110	BORGW	473010 <sup>28</sup>	SKA165547	SPICE	240736	SKT27971	SPICE	415988	SL260004	TIMKE	710498
SK4439110	BORGW	410059	SKA168814	SPICE	472258 <sup>28</sup>	SKT27978	SPICE	412119 <sup>28</sup>	SL260006	TIMKE	710552
SK4439110	BORGW	470380 <sup>28</sup>	SKA24751	SPICE	472234	SKT27978	SPICE	450101	SL260007	TIMKE	710602
SK4440110	BORGW	473445	SKA24807	SPICE	473448	SKT29097	SPICE	450025	SL260008	TIMKE	710603
SK4444W500	BORGW	473227	SKA43746	SPICE	450183	SKT29097	SPICE	471553 <sup>28</sup>	SL260011	TIMKE	710758
SK4447B179	BORGW	450441	SKA43746	SPICE	472179	SKT30561	SPICE	473235 <sup>28</sup>	SL260012	TIMKE	710891
SK4447B179	BORGW	471341 <sup>28</sup>	SKA44871	SPICE	474274	SKT31377	SPICE	450301	SL260013	TIMKE	710950
SK444854	BORGW	471267 <sup>28</sup>	SKA46857	SPICE	40059S	SKT31377	SPICE	472397 <sup>28</sup>	SL260014	TIMKE	710674
SK4449108	BORGW	470163	SKA65289	SPICE	450444	SKT31380	SPICE	470064	SL260015	TIMKE	710896
SK4449108	BORGW	471766 <sup>28</sup>	SKA65289	SPICE	471835 <sup>28</sup>	SKT31380	SPICE	471821 <sup>28</sup>	SL260016	TIMKE	710890
SK4461L110F	BORGW	410308 <sup>28</sup>	SKA65765	SPICE	6808N	SKT37866	SPICE	472705 <sup>28</sup>	SL260017	TIMKE	7412S
SK4461L110F	BORGW	450308	SKA69076	SPICE	471192	SKT41977	SPICE	416339	SL260018	TIMKE	155PKG
SK4468B62	BORGW	450441	SKA69835	SPICE	450159	SKT41977	SPICE	455031 <sup>28</sup>	SL260019	TIMKE	710702
SK4468B62	BORGW	471341 <sup>28</sup>	SKB37478	SPICE	417267	SKT42821	SPICE	416888 <sup>28</sup>	SL260021	TIMKE	710572
SK4514	CLARK	450194	SKB41934	SPICE	416345 <sup>28</sup>	SKT42821	SPICE	455200	SL260025	TIMKE	710878
SK4514	CLARK	473010 <sup>28</sup>	SKB41934	SPICE	455033	SKT42913	SPICE	455019 <sup>28</sup>	SL260026	TIMKE	710910
SK4520317	BORGW	340385	SKB49361	SPICE	5976S	SKT43885	SPICE	450082	SL260027	TIMKE	710639
SK4570DR44	BORGW	471141 <sup>28</sup>	SKB49363	SPICE	416229	SKT43885	SPICE	473238	SL260028	TIMKE	710842
SK4572	CLARK	471744 <sup>28</sup>	SKG49524	SPICE	416158	SKT44550	SPICE	415379 <sup>28</sup>	SL260029	TIMKE	710625
SK4739	CLARK	415995 <sup>28</sup>	SKG53896	SPICE	417343 <sup>28</sup>	SKT44550	SPICE	455379	SL260030	TIMKE	710754
SK4739	CLARK	455013	SKH47752	SPICE	45637S	SKT44966	SPICE	450082	SL260031	TIMKE	710624
SK4769	CLARK	415991	SKH52164	SPICE	416011	SKT44966	SPICE	473238	SL260034	TIMKE	710902
SK4769	CLARK	455146 <sup>28</sup>	SKH52164	SPICE	417621 <sup>28</sup>	SKT44976	SPICE	471705 <sup>28</sup>	SL260038	TIMKE	710803
SK4834	CLARK	470328	SKH53119	SPICE	418029 <sup>28</sup>	SKT45107	SPICE	450183	SL260039	TIMKE	710788
SK4834	CLARK	481213 <sup>28</sup>	SKH53119	SPICE	455499	SKT45107	SPICE	472179	SL260040	TIMKE	710837
SK51537	SPICE	450400	SKH53422	SPICE	471549 <sup>28</sup>	SKT48669	SPICE	417267	SL260041	TIMKE	711004
SK5223	CLARK	412943	SKH54128	SPICE	418029 <sup>28</sup>	SKT50913	SPICE	410520	SL260042	TIMKE	711003
SK5264	CLARK	240731	SKH54128	SPICE	455499	SKT50913	SPICE	471272 <sup>28</sup>	SL260043	TIMKE	710936
SK5329	CLARK	415003	SKL1667355	GE	473445	SKT51818	SPICE	470358	SL260044	TIMKE	710858
SK5329	CLARK	415458 <sup>28</sup>	SKN1800047	SPICE	470351	SKT51818	SPICE	473231	SL260045	TIMKE	710858
SK5338	CLARK	473447	SKN1800047	SPICE	471504 <sup>28</sup>	SKT71069	SPICE	350909	SL260047	TIMKE	710789
SK5409	CLARK	415001 <sup>28</sup>	SKN1800048	SPICE	416865 <sup>28</sup>	SKT71069	SPICE	471224 <sup>28</sup>	SL260048	TIMKE	711002
SK5409	CLARK	455001	SKS351106	HYST	417537	SKT71076	SPICE	471765 <sup>28</sup>	SL260052	TIMKE	711001
SK5426	CLARK	416047	SKT1301854	SPICE	473235 <sup>28</sup>	SKT71447	SPICE	470954 <sup>28</sup>	SL260053	TIMKE	710896
SK5426	CLARK	416332 <sup>28</sup>	SKT22273	GMC	418028	SKT72405	SPICE	416011	SL260054	TIMKE	710860
SK55566	GMC	415004	SKT22273	GMC	455137 <sup>28</sup>	SKT72405	SPICE	417621 <sup>28</sup>	SL260055	TIMKE	710899
SK55566	GMC	417316 <sup>28</sup>	SKT22273	SPICE	418028	SKT72993	SPICE	450365	SL260056	TIMKE	710550
SK6244	CLARK	473179 <sup>28</sup>	SKT22273	SPICE	455137 <sup>28</sup>	SKT72993	SPICE	470898	SL260059	TIMKE	229005
SK6303	CLARK	470565 <sup>28</sup>	SKT22419	SPICE	472015 <sup>28</sup>	SKT75966	SPICE	330385 <sup>28</sup>	SL260067	TIMKE	710824
SK6474	CLARK	450076	SKT22844	SPICE	416167 <sup>28</sup>	SKT84544	SPICE	415146 <sup>28</sup>	SL260070	TIMKE	710871
SK6474	CLARK	470334 <sup>28</sup>	SKT22844	SPICE	455091	SKT84544	SPICE	415991	SL260073	TIMKE	710055
SK65795	GMC	416664 <sup>28</sup>	SKT23217	SPICE	450067	SKT84582	SPICE	450867	SL260075	TIMKE	710593
SK6739	CLARK	471192	SKT23217	SPICE	473228	SKT84582	SPICE	470898	SL260076	TIMKE	710741
SK700723	GMC	415035	SKT24088	SPICE	415995 <sup>28</sup>	SKT85537	SPICE	471466 <sup>28</sup>	SL260077	TIMKE	710857
SK7084	CLARK	416404 <sup>28</sup>	SKT24088	SPICE	455013	SKT87304	SPICE	473243	SL260078	TIMKE	710857
SK7695	CLARK	415147	SKT24089	SPICE	417484N	SKTM56763	SPICE	416404 <sup>28</sup>	SL260081	TIMKE	710877
SK7695	CLARK	415449 <sup>28</sup>	SKT24089	SPICE	455322	SKTM56764	SPICE	481073	SL260083	TIMKE	710795
SK793	SCHWI	J1115	SKT24095	SPICE	471570 <sup>28</sup>	SKTM56786	SPICE	417533	SL260084	TIMKE	710914
SK800723	GMC	416147	SKT25231	SPICE	415035 <sup>28</sup>	SKTM56798	SPICE	455197N	SL260085	TIMKE	710912
SK8286	CLARK	450316	SKT25231	SPICE	455035	SKW140233	SPICE	416288 <sup>28</sup>	SL260086	TIMKE	711007
SK8286	CLARK	472636 <sup>28</sup>	SKT25601	GMC	417344 <sup>28</sup>	SKW140577	SPICE	472164 <sup>28</sup>	SL260087	TIMKE	710887
SK8596	CLARK	415263	SKT25601	GMC	455006	SKW140799	SPICE	471344	SL260088	TIMKE	370247A
SK8739	CLARK	415379 <sup>28</sup>	SKT25601	SPICE	417344 <sup>28</sup>	SKW141443	SPICE	473204	SL260089	TIMKE	710308
SK8739	CLARK	455379	SKT25601	SPICE	455006	SL10405	FORD	416404 <sup>28</sup>	SL260092	TIMKE	710887
SK8890	CLARK	470954 <sup>28</sup>	SKT26824	SPICE	470027	SL11171	FORD	472705 <sup>28</sup>	SL260100	TIMKE	710937
SK8893	CLARK	471442 <sup>28</sup>	SKT26824	SPICE	471554 <sup>28</sup>	SL250158	TIMKE	710863	SL260101	TIMKE	711030
SKA1601134	SPICE	471950	SKT27711	SPICE	412119 <sup>28</sup>	SL250159	TIMKE	710863	SL260103	TIMKE	710884
SKA1618982	SPICE	2043	SKT27711	SPICE	450101	SL260001	TIMKE	5693	SL260113	TIMKE	710879

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
SL260116	TIMKE	710713	SP010775	LUF	417349 <sup>2B</sup>	SS46842-4	VIC	380036A	SS64227-2	VIC	370002A
SL260117	TIMKE	710708	SP010776	LUF	415991	SS46845	VIC	370036A	SS64227-3	VIC	370012A
SL260118	TIMKE	710976	SP010776	LUF	455146 <sup>2B</sup>	SS46845	VIC	370349A	SS64229	VIC	370002A
SL260121	TIMKE	710978	SP010777	LUF	455195	SS46845	VIC	380036A	SS64231	VIC	370029A
SL260125	TIMKE	710719	SP010777	LUF	472157 <sup>2B</sup>	SS46847	VIC	370037A <sup>31</sup>	SS64231-1	VIC	370011A
SL260126	TIMKE	710718	SP010778	LUF	416865 <sup>2B</sup>	SS46847	VIC	370338A <sup>16</sup>	SS-64234	VIC	370008A
SL260128	TIMKE	710714	SP010779	LUF	415867	SS46848	VIC	370107A	SS64234-3	VIC	370008A
SL260129	TIMKE	710802	SP010780	LUF	417606	SS46848-1	VIC	370036A	SS64236	VIC	370025A
SL260132	TIMKE	710673	SP010792	LUF	415995 <sup>2B</sup>	SS46848-1	VIC	370349A	SS64236	VIC	380025A
SL260133	TIMKE	710672	SP010792	LUF	455013	SS46848-1	VIC	380036A	SS64236	VIC	386025A
SL260137	TIMKE	710709	SP010794	LUF	415027 <sup>2B</sup>	SS46849	VIC	370027A	SS64238	VIC	370004A
SL260138	TIMKE	710705	SP010794	LUF	455027	SS47095	VIC	417344	SS64238-2	VIC	370121A
SL260139	TIMKE	710706	SP010812	LUF	418028	SS47275	VIC	5573	SS64238-3	VIC	370121A
SL260142	TIMKE	710967	SP010812	LUF	455137 <sup>2B</sup>	SS472751	VIC	5573	SS64240-1	VIC	370192A
SL260144	TIMKE	710798	SP10	SHOV	471138 <sup>2B</sup>	SS47361	VIC	5202	SS64240-2	VIC	370192A
SL260148	TIMKE	710712	SP120572	SHOV	415138 <sup>2B</sup>	SS47362	VIC	5203	SS642403	VIC	370057A
SL260149	TIMKE	710699	SP22512	SHOV	415187	SS47407	VIC	5666	SS64410	VIC	370027A
SL260150	TIMKE	710801	SP2367	LETN	6565N	SS47515	VIC	5397	SS64412	VIC	370002A
SL260151	TIMKE	320583	SP35542	SHOV	417254	SS47537	VIC	5629	SS64412-1	VIC	370011A
SL260152	TIMKE	320583	SP35543	SHOV	415991	SS47650	VIC	411275V	SS64412-3	VIC	370002A
SL260154	TIMKE	710816	SP35543	SHOV	455146 <sup>2B</sup>	SS47777	VIC	5487	SS64414	VIC	370001A
SL260161	TIMKE	710926	SP-35702	SHOV	415437 <sup>2B</sup>	SS47789	VIC	5460	SS64414	VIC	380001A
SL260197	TIMKE	710678	SP-35702	SHOV	455173	SS47795	VIC	370009A	SS64415	VIC	370124A
SL6050	LETN	417602 <sup>2B</sup>	SP505	SHOV	471138 <sup>2B</sup>	SS47795	VIC	380009A	SS64415-1	VIC	370015A
SL6051	LETN	417602 <sup>2B</sup>	SP6516	STEEL	470027	SS47795-1	VIC	370024A	SS64437	VIC	370057A
SL9351	CATER	472287 <sup>2B</sup>	SP6516	STEEL	471554 <sup>2B</sup>	SS47866	VIC	5624	SS64437-2	VIC	370005A
SM0454	NATEN	417539 <sup>2B</sup>	SP6517	STEEL	471267 <sup>2B</sup>	SS47869	VIC	370019A	SS64443	VIC	370030A
SM1636	NATEN	417543	SP67127S	MESC	1994	SS47870	VIC	5460	SS64456	VIC	370002A
SM281C	BORGW	450183	SP67127S	MESC	48X70X9 <sup>2B</sup>	SS47877	VIC	370046A	SS64460	VIC	370014A
SM281C	BORGW	472179	SP75906	LUF	455018	SS47878	VIC	370069A	SS64462	VIC	370015A
SM7101	MC-NO	471344	SP75906	LUF	476470	SS47878	VIC	380069A	SS64464	VIC	370145A
SM93	PETTI	450194	SP76127	LUF	473243	SS47880SF	VIC	370047A	SS64468	VIC	370007A
SM93	PETTI	473010 <sup>2B</sup>	SP76371	LUF	450067	SS47880SF	VIC	5649	SS64471	VIC	370014A
SM95	PETTI	415483 <sup>2B</sup>	SP76371	LUF	473228	SS47882	VIC	417360	SS64482	VIC	370165A
SM95	PETTI	455368	SP76700	LUF	416888 <sup>2B</sup>	SS47883	VIC	370033A	SS64487	VIC	370010A
SN4388	GMC	415137 <sup>2B</sup>	SPR1434	HU-WR	417223	SS47885	VIC	370018A	SS64491	VIC	370011A
SN4388	GMC	418028	SS46057	VIC	5589	SS47887	VIC	370012A	SS64495	VIC	370033A
SN4415	GMC	417316 <sup>2B</sup>	SS460571	VIC	5589	SS47889	VIC	370019A	SS64502	VIC	370018A
SN6933	GMC	470898	SS46098	VIC	5200	SS47890	VIC	370005A	SS64511	VIC	370012A
SN6955	GMC	353141 <sup>2B</sup>	SS46140	VIC	5201	SS47891	VIC	370021A	SS64517	VIC	370048A
SN9693	GMC	472394	SS46328	VIC	5200	SS47983	VIC	370150A	SS64517	VIC	370182A
SO-19	ATP	8792S	SS46328SF	VIC	5200	SS48005	VIC	710022	SS64517	VIC	380048A
SO-2	ATP	342805	SS46369	VIC	471801 <sup>2B</sup>	SS48048	VIC	416154 <sup>2B</sup>	SS64530	VIC	370001A
SO-22	ATP	9613S	SS46489	VIC	712250	SS48173	VIC	417365	SS64530	VIC	380001A
SO-47	ATP	710533	SS46753	VIC	6649	SS49212	VIC	470354	SS64534	VIC	370054A
SO-48	ATP	710830	SS46829	VIC	370027A	SS49251	VIC	6186	SS64536	VIC	370023A
SO-49	ATP	710873	SS46841	VIC	370065A	SS49521	VIC	6186	SS64536	VIC	380023A
SO-50	ATP	710875	SS46841	VIC	380065A	SS49521-1	VIC	6186	SS64538	VIC	370132A
SO-51	ATP	710867	SS46841-1	VIC	370026A	SS49742	VIC	5458	SS64539	VIC	370131A
SO-55	ATP	710561	SS46841-3	VIC	370020A	SS49745	VIC	416271 <sup>2B</sup>	SS64539	VIC	380131A
SO-56	ATP	710546	SS468414	VIC	370065A	SS49745	VIC	5066	SS64539	VIC	455685
SO-57	ATP	710583	SS468414	VIC	380065A	SS49929	VIC	5408	SS64541	VIC	370011A
SP010371	LUF	472164 <sup>2B</sup>	SS46842	VIC	370036A	SS499291	VIC	5408	SS64542	VIC	370022A
SP010732	LUF	411376 <sup>2B</sup>	SS46842	VIC	370349A	SS49932	VIC	5401	SS64542	VIC	380022A
SP010732	LUF	455093	SS46842	VIC	380036A	SS49933	VIC	5403	SS64546	VIC	370006A
SP010745	LUF	417247 <sup>2B</sup>	SS46842-1	VIC	370036A	SS61197	VIC	5065	SS64550	VIC	416888 <sup>2B</sup>
SP010746	LUF	415072	SS46842-1	VIC	370349A	SS62106	VIC	3492V	SS64553	VIC	370019A
SP010747	LUF	417606	SS46842-1	VIC	380036A	SS64225	VIC	370013A	SS64558	VIC	370047A
SP010749	LUF	410059	SS46842-4	VIC	370036A <sup>31</sup>	SS64225-2	VIC	370002A	SS64558	VIC	9584
SP010749	LUF	470380 <sup>2B</sup>	SS46842-4	VIC	370349A <sup>16</sup>	SS64227	VIC	370012A	SS64558-1	VIC	370169A

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
SS64561	VIC	370046A	SX13831	ALLCH	450365	T1021	GERL	472397 <sup>28</sup>	T1078	MOPAR	471801 <sup>28</sup>
SS64564	VIC	370046A	SX13831	ALLCH	470898 <sup>28</sup>	T1021	MOPAR	340356	T1078	MUSAS	1959
SS64567	VIC	370031A	SX46673	JOHND	411394 <sup>28</sup>	T10219	TROS	471649 <sup>28</sup>	T1079	MUSAS	1959
SS64567	VIC	380031A	SX46673	JOHND	450317	T1023	MOPAR	474278	T1080	MUSAS	224820
SS64569	VIC	370069A	SX47271	JOHND	415379 <sup>28</sup>	T1023	MOPAR	480356	T10814S	TROS	471344
SS64569	VIC	380069A	SX47271	JOHND	455379	T1024	MOPAR	474278	T1083	MOPAR	471808 <sup>28</sup>
SS64571	VIC	370028A	SZ311-00002	HINO	231004	T1027	MOPAR	474278	T1083	MUSAS	224820
SS64584	VIC	370024A	SZ311-01033	HINO	710369	T1027	MOPAR	6859S	T1084	MOPAR	471818
SS64589	VIC	370009A	SZ311-1034	HINO	710295	T1029	MOPAR	7412S	T1086	MUSAS	710649
SS64589	VIC	380009A	SZ311-01046	HINO	710421	T10308	TROS	410308 <sup>28</sup>	T1088	MUSAS	1948
SS64589	VIC	5089	SZ311-01047	HINO	710052	T10308S	TROS	410308 <sup>28</sup>	T1089	MUSAS	1955
SS64603	VIC	370003A	SZ311-01048	HINO	710371	T1033	GERL	417509	T1092	MOPAR	470806
SS64603	VIC	380003A	SZ311-11046	HINO	710421	T1034	MOPAR	471413 <sup>28</sup>	T1095	MOPAR	8429S
SS66734	VIC	1943	SZ311-52002	HINO	225225	T1035	MOPAR	7412S	T1095	MUSAS	226285
SS66740	VIC	494117	SZ311-58003	HINO	225875	T1036	MOPAR	40140S	T1100	MOPAR	470050
SS66755	VIC	225110	SZ311-90003	HINO	229005	T1037	MOPAR	471413 <sup>28</sup>	T1102	MOPAR	473424 <sup>28</sup>
SS66802	VIC	223840 <sup>29</sup>	SZ313-80001	HINO	228020	T1038	MOPAR	471413 <sup>28</sup>	T1103	MUSAS	227550
SS66872	VIC	800451	SZ319-27001	HINO	712009	T1041	MOPAR	471737	T1109	MOPAR	6370N
SS6691	VIC	4899	SZ319-48004	HINO	710296	T1044	MOPAR	6906S	T1110	MOPAR	473423
SS66912	VIC	5695	SZ319-66001	HINO	710055	T10441S	TROS	471341 <sup>28</sup>	T1113	MOPAR	472826 <sup>28</sup>
SS66914	VIC	5696	T005-27-165A	MAZDA	710217	T1047	MOPAR	203029	T1115	MUSAS	1956
SS66914	VIC	5700	T005-27-238A	MAZDA	710218	T10482D	HARN	415995 <sup>28</sup>	T1116	MOPAR	472826 <sup>28</sup>
SS66926	VIC	710097	T006-33-065	MAZDA	710392	T10482D	HARN	455013	T1117	MOPAR	473421
SS67139	VIC	5700	T020-27-165	MAZDA	710199	T10482P	HARN	415836	T1117	MUSAS	1176
SS68001	VIC	370036A	T020-27-238	MAZDA	710218	T10482P	HARN	415995 <sup>28</sup>	T1118	MOPAR	473211 <sup>28</sup>
SS68001	VIC	370349A	T0247576	CHRYSLER	710196	T10496S	TROS	410496 <sup>28</sup>	T1119	MOPAR	473211 <sup>28</sup>
SS68001	VIC	380036A	T0247576	JEEP	710196	T1050	MUSAS	1981	T1120	MOPAR	473212 <sup>28</sup>
SS68002	VIC	370065A	T0267475	JEEP	1172	T1051	MOPAR	471750 <sup>28</sup>	T1123	MOPAR	40769S
SS68002	VIC	380065A	T0695940	RENAULT	716102	T1052	MOPAR	7781S	T1125	MOPAR	473213 <sup>28</sup>
SS-68003	VIC	370025A	T1002	MOPAR	471354 <sup>28</sup>	T1052	MUSAS	710306	T1126	MOPAR	473213 <sup>28</sup>
SS-68003	VIC	380025A	T1004	MOPAR	473205	T1053	MOPAR	471750 <sup>28</sup>	T11275S	TROS	415304
SS-68003	VIC	386025A	T1005	MOPAR	474255	T1054	MUSAS	223240	T11275S	TROS	476470 <sup>28</sup>
SS-68004	VIC	370005A	T1005	MUSAS	710325	T1056	MOPAR	410163	T1128	MUSAS	4359V
SS-68005	VIC	370107A	T10055S	TROS	473215 <sup>28</sup>	T1056	MOPAR	471766 <sup>28</sup>	T1129	MUSAS	228010
SS-68006	VIC	370003A	T10059S	TROS	410059	T10567	TROS	471267 <sup>28</sup>	T113	MOPAR	5MR71
SS-68006	VIC	380003A	T10059S	TROS	470380 <sup>28</sup>	T1057	MOPAR	471766 <sup>28</sup>	T1130	MUSAS	223605
SS-68007	VIC	370037A	T1006	MOPAR	470347	T1057	MUSAS	223542	T1132	MUSAS	225040
SS-68007	VIC	370338A	T1006	MOPAR	474254	T1059	MOPAR	471763	T1133	MOPAR	450147
SS68008	VIC	370025A	T1007	MOPAR	472432	T1060	MUSAS	710318	T1134	MOPAR	484054
SS68008	VIC	380025A	T1007	MOPAR	474256	T1061	MUSAS	710319	T1136	MOPAR	484058
SS68008	VIC	386025A	T1008	MUSAS	710076	T1062	MOPAR	410163	T1137	MOPAR	473435
ST1013	HOUGH	455195	T101	BUTBN	470163	T1062	MOPAR	471766 <sup>28</sup>	T1137	MUSAS	710765
ST1013	HOUGH	472157 <sup>28</sup>	T101	BUTBN	471766 <sup>28</sup>	T1063	MOPAR	40652S	T1138	MOPAR	473436
ST22518	CLARK	470088	T1010	MOPAR	203016	T1063	MUSAS	223840	T1140	MOPAR	450054
ST51258	CLARK	455330 <sup>28</sup>	T1011	MOPAR	203025	T1064	MOPAR	470163	T1140	MUSAS	1129
STC1969	ROVER	714503	T1012	MOPAR	450048	T1064	MOPAR	471766 <sup>28</sup>	T1141	MUSAS	222535
STC2037	ROVER	716484	T10121S	TROS	39302	T1066	MOPAR	41787S	T1142	MOPAR	8594S
STC4397	ROVER	716484	T10136S	TROS	470625 <sup>28</sup>	T10660S	TROS	410119	T1143	MOPAR	8133S
STD1473	AVCO	471765 <sup>28</sup>	T1014	MUSAS	231004	T10660S	TROS	471442 <sup>28</sup>	T1143	MUSAS	710070
STD1484	AVCO	473236 <sup>28</sup>	T1016	MUSAS	221510	T1067	MOPAR	471787 <sup>28</sup>	T1144	MOPAR	8549S
STD1568	AVCO	450352	T10160	TROS	471763	T1067	MUSAS	1177	T1145	MOPAR	6597S
STD1568	AVCO	472164 <sup>28</sup>	T10163S	TROS	410163	T1069	MOPAR	450177	T1146	MOPAR	6597S
STD1569	AVCO	470169	T10163S	TROS	471766 <sup>28</sup>	T10708S	TROS	410708	T1147	MUSAS	224874
STD1569	AVCO	473214 <sup>28</sup>	T10171S	TROS	473016 <sup>28</sup>	T10719S	TROS	471984	T1148	MOPAR	323138 <sup>28</sup>
SU001-00527	TOYOT	710849	T1018	MUSAS	710156	T1073	MOPAR	471795	T1148	MUSAS	224820
SU001-00530	TOYOT	710849	T10181	CASE	411253 <sup>28</sup>	T1074	MUSAS	1950	T1149	MOPAR	330663
SU003-03629	TOYOT	223830	T10181	CASE	450099	T1075	MOPAR	471801 <sup>28</sup>	T1149	MOPAR	472354 <sup>28</sup>
SU8854	LF-PT	471337	T1019	MUSAS	221922	T1075	MUSAS	224200	T1150	MOPAR	330663
SV125	LETN	417556	T1020	MOPAR	240736	T1076	MOPAR	8293S	T1150	MOPAR	472354 <sup>28</sup>
SX13830	ALLCH	412040	T1021	GERL	450301	T1077	MUSAS	710345	T1150	MUSAS	223540

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T11501317	CHRYS	370009A	T1193	MOPAR	42763	T126	MOPAR	5M89	T1314	MUSAS	223801
T11501317	CHRYS	380009A	T1193	MUSAS	223253	T1260	MUSAS	221510	T1315	MUSAS	223800
T1152	MOPAR	472354 <sup>28</sup>	T11936	COC	5872S	T1261	MOPAR	473225 <sup>28</sup>	T1316	MOPAR	470625 <sup>28</sup>
T1152	MOPAR	50395S	T1194	MOPAR	473215 <sup>28</sup>	T1261	MUSAS	710450	T1316	MUSAS	710615
T1153	MOPAR	40395	T11943	COC	473226	T1262	MUSAS	223235	T1317	MOPAR	340136
T1153	MOPAR	40395S	T1195	MUSAS	223010	T1264	MUSAS	227045	T1318	MOPAR	470548
T1155	MOPAR	5872S	T1196	MUSAS	710806	T1266	MUSAS	228013	T1318	MOPAR	470625 <sup>28</sup>
T1155	MUSAS	710319	T11961	COC	415449 <sup>28</sup>	T1267	MUSAS	229010	T1318	MUSAS	1987
T1156	MUSAS	2025	T11961	COC	455147	T1268	MOPAR	470062	T1319	MOPAR	40468
T1157	MOPAR	472258 <sup>28</sup>	T1197	MUSAS	225410	T1268	MOPAR	474264	T1319	MUSAS	710715
T1157	MUSAS	1177	T1201	MOPAR	43089S	T1270	MUSAS	710765	T1320	MUSAS	710716
T1158	MOPAR	472258 <sup>28</sup>	T1201	MUSAS	226610	T1271	MOPAR	473226	T1321	MOPAR	203013
T1162	MOPAR	470403	T1203	MOPAR	9568	T1271	MUSAS	710138	T1321	MUSAS	223830
T1162	MOPAR	470774 <sup>28</sup>	T1203	MUSAS	1177	T1272	MOPAR	473437	T1322	MOPAR	204013
T1162	MUSAS	224872	T1204	MOPAR	473215 <sup>28</sup>	T1272	MUSAS	710109	T1323	MOPAR	7692S
T1165	MOPAR	470403	T1204	MUSAS	710319	T1274	MUSAS	710144	T1323	MUSAS	710553
T1165	MOPAR	470774 <sup>28</sup>	T1205	MUSAS	5696	T1275	MUSAS	710173	T1324	MOPAR	470059
T11656	COC	450115	T1206	MUSAS	1941	T1276	MUSAS	710343	T1324	MOPAR	470380 <sup>28</sup>
T11656	COC	473467 <sup>28</sup>	T1208	MUSAS	1928	T1277	MUSAS	225040	T1324	MUSAS	710676
T1166	MOPAR	470774 <sup>28</sup>	T1209	MOPAR	6241S	T1280	MUSAS	228009	T1325	MUSAS	710704
T1166	MUSAS	5700	T1210	MOPAR	470950 <sup>28</sup>	T1281	MOPAR	473438	T1326	MUSAS	2025
T1167	MUSAS	224210	T1210	MOPAR	6241S	T1282	MOPAR	473439 <sup>28</sup>	T1327	MOPAR	410059
T1168	MOPAR	6760S	T1210	MUSAS	223801	T1283	MOPAR	8597S	T1327	MOPAR	470380 <sup>28</sup>
T1168	MUSAS	5686	T1211	MOPAR	470950 <sup>28</sup>	T1283	MUSAS	221820	T1327	MUSAS	224660
T1169	MOPAR	51322	T1211	MOPAR	6241S	T1285	MUSAS	710525	T1328	MOPAR	470380 <sup>28</sup>
T1169	MUSAS	1180	T1212	MUSAS	229010	T1286	MOPAR	474276 <sup>28</sup>	T1328	MUSAS	710702
T1170	MOPAR	472287 <sup>28</sup>	T1213	MOPAR	471276	T1286	MUSAS	710142	T1329	MUSAS	710703
T1171	MUSAS	223842	T1213	MUSAS	2025	T1287	MUSAS	710784	T1330	MUSAS	710689
T1172	MOPAR	472287 <sup>28</sup>	T1220	MOPAR	450444	T1288	MOPAR	40382	T13305	COC	240414
T1172	MUSAS	227045	T1220	MOPAR	471835 <sup>28</sup>	T1289	MOPAR	41257 <sup>28</sup>	T13306	COC	240414
T11721	COC	5M403	T1220	MUSAS	5694	T1290	MOPAR	240319	T13306	WHITE	240414
T1173	MOPAR	472287 <sup>28</sup>	T1221	MUSAS	5694	T1291	MOPAR	481163 <sup>28</sup>	T1331	MOPAR	470380 <sup>28</sup>
T1173	MUSAS	1987	T1223	MOPAR	5458	T1292	MOPAR	240319	T1331	MUSAS	223830
T1174	MOPAR	471192	T1225	MOPAR	472843	T12926	CASE	204008	T1333	MUSAS	710570
T1174	MUSAS	320603	T1228	MOPAR	450776 <sup>28</sup>	T1293	MOPAR	6759S	T1334	MOPAR	410059
T1175	MUSAS	710110	T1228	MUSAS	3771	T1293	MUSAS	710187	T1334	MOPAR	470380 <sup>28</sup>
T1176	MOPAR	471192	T1229	MOPAR	450456 <sup>28</sup>	T1294	MOPAR	6545	T1334	MUSAS	710571
T1176	MUSAS	710109	T1231	MOPAR	450463	T1294	MUSAS	710526	T1335	MOPAR	40059S
T1178	MOPAR	471192	T1231	MUSAS	226150	T1295	MOPAR	7537S	T1335	MUSAS	710456
T1178	MUSAS	2025	T1234	MOPAR	472658	T1296	MOPAR	480630 <sup>28</sup>	T1336	MUSAS	710635
T1180	MUSAS	228013	T1234	MOPAR	473197	T1297	MUSAS	710615	T1337	MOPAR	470059
T1181	MOPAR	471192	T1235	MUSAS	710876	T1298	MUSAS	223800	T1337	MOPAR	470380 <sup>28</sup>
T1182	MOPAR	5113	T1236	MUSAS	226285	T1299	MOPAR	473227	T1337	MUSAS	710574
T1183	MUSAS	710765	T1237	MOPAR	450516	T1299	MUSAS	20X32X7	T1338	MOPAR	9613S
T11835	COC	450161	T1237	MUSAS	710575	T1300	MOPAR	473227 <sup>28</sup>	T1339	MUSAS	710114
T11835	COC	471764 <sup>28</sup>	T1239	MUSAS	1981	T1300	MUSAS	710436	T-13391	AA&M	710547
T11854	COC	470163	T1240	MOPAR	8660S	T1301	MUSAS	224020	T1340	MUSAS	710141
T11854	COC	471766 <sup>28</sup>	T1243	MUSAS	710252	T1303	MUSAS	712551	T1342	MUSAS	229010
T1186	MUSAS	1180	T1245	MUSAS	4899	T1304	MUSAS	710115	T1344	MOPAR	7886S
T1187	MOPAR	40169S	T1246	MUSAS	225275	T1305	MOPAR	6312	T1344	MUSAS	710644
T1187	MUSAS	710092	T1247	MUSAS	710110	T1305	MUSAS	710112	T1345	MOPAR	471820
T1188	MOPAR	7495S	T1248	MUSAS	710154	T1306	MOPAR	50468	T1346	MOPAR	7886S
T1189	MOPAR	470169	T1250	MUSAS	2025	T1306	MUSAS	710112	T1347	MOPAR	471344
T1189	MOPAR	473214	T1251	MOPAR	473224 <sup>28</sup>	T1307	MOPAR	331228H	T1348	MOPAR	471344
T1189	MUSAS	223840	T1253	MUSAS	4899	T1308	MOPAR	470548	T1349	MOPAR	471344
T119	MOPAR	5M81	T1254	MOPAR	473016 <sup>28</sup>	T1308	MOPAR	470625 <sup>28</sup>	T1349	MUSAS	710554
T1190	MUSAS	224815	T1256	MOPAR	473016 <sup>28</sup>	T1309	MOPAR	470548	T1349595	AMC	225020
T1191	MOPAR	9569S	T1256	MUSAS	223830	T1309	MOPAR	470625 <sup>28</sup>	T1349596	AMC	229005
T1191	MUSAS	224820	T1258	MOPAR	473016 <sup>28</sup>	T1311	MOPAR	470625 <sup>28</sup>	T1349626	CHRYS	1172
T1192	MUSAS	223801	T1258	MUSAS	470460	T1312	MOPAR	470625 <sup>28</sup>	T1350	MOPAR	471344

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T13501317	CHRYS	370023A	T1409	MOPAR	472299	T1497	MOPAR	473232 <sup>28</sup>	T1613	MOPAR	8705S
T13501317	CHRYS	380023A	T1409	MUSAS	710143	T15013S	TROS	415013N	T1614	MOPAR	8460N
T1352	MOPAR	473228	T1410	MOPAR	450666	T15013S	TROS	415995V	T1615	MOPAR	450400
T1352	MOPAR	51098	T1410	MUSAS	4904	T1502	MOPAR	473232 <sup>28</sup>	T1620	MOPAR	7486S
T1353	MUSAS	710465	T1411	MOPAR	450666	T1503	MOPAR	450069	T1621	MOPAR	473237 <sup>28</sup>
T1354	MOPAR	473228 <sup>28</sup>	T1411	MUSAS	710707	T1503	MOPAR	473232	T1622	MOPAR	473237 <sup>28</sup>
T1355	MOPAR	473228	T1412	MOPAR	471821 <sup>28</sup>	T1504	MOPAR	40568S	T1626	MOPAR	470351
T1355	MOPAR	51098	T1412	MUSAS	710731	T1505	MOPAR	481864	T1627	MOPAR	471526 <sup>28</sup>
T1356	MOPAR	473228 <sup>28</sup>	T1413	MOPAR	470064	T1509	MOPAR	40286	T16377	HARN	416888 <sup>28</sup>
T1356	MUSAS	710189	T1413	MOPAR	471821 <sup>28</sup>	T15095S	TROS	416271 <sup>28</sup>	T16377	HARN	455200
T1357	MOPAR	473228	T1413	MUSAS	710732	T1510	MOPAR	474274	T1641	MOPAR	450494
T1357	MOPAR	481837	T1414	MOPAR	8160S	T1511	MOPAR	450275	T1641	MOPAR	472164 <sup>28</sup>
T1358	MOPAR	473228 <sup>28</sup>	T1415	MOPAR	471827 <sup>28</sup>	T15149	TROS	417343 <sup>28</sup>	T1643	MOPAR	472164 <sup>28</sup>
T1360	MUSAS	710823	T1417	MOPAR	8160S	T1515	MOPAR	450078	T1644	MOPAR	472164 <sup>28</sup>
T1362	MOPAR	473228 <sup>28</sup>	T1418	MOPAR	8160S	T1515	MOPAR	473444	T1645	MOPAR	472164 <sup>28</sup>
T1363	MUSAS	710733	T1423	MOPAR	450185	T1517	MOPAR	450415	T1646	MOPAR	7834
T1366	MOPAR	450067	T1423	MOPAR	473229	T15177S	TROS	415379	T1647	MOPAR	40494S
T1366	MOPAR	473228	T1424	MOPAR	200640	T15192S	TROS	415192N	T1648	MOPAR	472164 <sup>28</sup>
T1366	MUSAS	710112	T1427	MOPAR	450143	T1522	MOPAR	450467	T1649	MOPAR	451147H
T1367	MOPAR	410190	T1429	MOPAR	470682	T1528	MOPAR	450260	T1650	MOPAR	450352
T1367	MUSAS	710711	T1430	MOPAR	6336S	T15281S	TROS	415281N	T1650	MOPAR	472164 <sup>28</sup>
T1370	MOPAR	9613S	T1431	MOPAR	471316	T1530	MOPAR	7457N	T1652	MOPAR	205015
T1371	MOPAR	451857	T1434	MOPAR	5796	T1531	MOPAR	7457N	T1653	MOPAR	450361
T1373	MOPAR	470487N	T1435	MOPAR	450803	T1533	MOPAR	450073	T1653	MOPAR	472193 <sup>28</sup>
T1374	MOPAR	450984	T1437	MOPAR	473441	T15379S	TROS	415379	T1656	MOPAR	472185 <sup>28</sup>
T1376	MOPAR	473440 <sup>28</sup>	T1438	MOPAR	450273	T1538	MOPAR	353141 <sup>28</sup>	T1657	MOPAR	472185 <sup>28</sup>
T1378	MUSAS	710419	T1443	MOPAR	473442 <sup>28</sup>	T1540	MOPAR	203008	T1660	MOPAR	472185 <sup>28</sup>
T1379	MOPAR	470077	T1445	MOPAR	5778	T1541	MOPAR	204008	T1661	MOPAR	450070
T1379	MOPAR	474281 <sup>28</sup>	T1446	MOPAR	480581	T1542	MOPAR	7022S	T1661	MOPAR	472185 <sup>28</sup>
T1379	MUSAS	710697	T1450	MOPAR	450065	T1550	MOPAR	480479H	T1663	MOPAR	470334 <sup>28</sup>
T1380	MUSAS	710595	T145035	TROS	345035	T1551	MOPAR	473445	T1666	MOPAR	450076
T1381	MOPAR	450523	T1451	MOPAR	482253	T1553	MOPAR	473234 <sup>28</sup>	T1666	MOPAR	470334 <sup>28</sup>
T1381	MUSAS	710596	T1452	MOPAR	451469	T1555	MOPAR	7300S	T1670	MOPAR	472179
T1382	MOPAR	450326	T1453	MOPAR	450274	T1558	MOPAR	450154	T1674	MOPAR	410183N
T1382	MUSAS	710713	T1455	MOPAR	8477S	T1558	MOPAR	473234	T1675	MOPAR	450183
T1384	MUSAS	710639	T145637	TROS	45637S	T1560	MOPAR	473234 <sup>28</sup>	T1675	MOPAR	472179
T1388	MOPAR	473228	T1458	MOPAR	205017	T1564	MOPAR	473235 <sup>28</sup>	T1680	MOPAR	5827
T1388	MOPAR	51098	T1459	MOPAR	473231 <sup>28</sup>	T1566	MOPAR	473235 <sup>28</sup>	T1682	MOPAR	473447
T1389	MOPAR	8610	T1460	MOPAR	204017	T1568	MOPAR	440265	T1683	MOPAR	200354
T1391	MOPAR	452222 <sup>28</sup>	T1465	MOPAR	473231 <sup>28</sup>	T1570	MOPAR	7381S	T1686	MOPAR	204002
T1391	MUSAS	223235	T1466	MOPAR	473231 <sup>28</sup>	T1573	MOPAR	470074	T1687	MOPAR	200600
T1392	MOPAR	470059	T1468	MOPAR	470358	T1573	MOPAR	474265	T1688	MOPAR	470334 <sup>28</sup>
T1392	MOPAR	470380 <sup>28</sup>	T1468	MOPAR	473231	T1574	MOPAR	450765 <sup>28</sup>	T1688	MOPAR	50289
T1393	MUSAS	224026	T1469	MOPAR	473231 <sup>28</sup>	T1575	MOPAR	7038SA	T1695	MOPAR	450291
T1394	MUSAS	710736	T1472	MOPAR	471419	T1578	MOPAR	473236 <sup>28</sup>	T1695	MOPAR	471141 <sup>28</sup>
T1397	MUSAS	710139	T1472	MOPAR	473367	T1583	MOPAR	8516N	T1696	MOPAR	450291
T1398	MUSAS	471950	T14720	CASE	200110	T1585	MOPAR	470596	T1696	MOPAR	471141 <sup>28</sup>
T1399	MOPAR	8610	T1475	MOPAR	471419	T1587	MOPAR	473446	T1697	MOPAR	450291
T140	GERL	415991	T1475	MOPAR	473367	T15899S	TROS	415899N	T1697	MOPAR	471141 <sup>28</sup>
T140	GERL	455146 <sup>28</sup>	T1476	MOPAR	450066	T15899S	TROS	416624N	T170	MOPAR	5M289
T140009	TROS	240009	T1476	MOPAR	473367 <sup>28</sup>	T1592	MOPAR	470086	T1700	MOPAR	473448
T140009S	TROS	340009S	T1478	MOPAR	471829	T15939	COC	6835S	T1704	MOPAR	473448
T1402	MOPAR	7994S	T1480	MOPAR	471829	T1595	MOPAR	8121S	T1706	MOPAR	471984
T1403	MOPAR	340927	T1483	MOPAR	450066	T1596	MOPAR	6840S	T1707	MOPAR	473313
T140364	TROS	350364	T1483	MOPAR	473367 <sup>28</sup>	T1598	MOPAR	50327	T171	MOPAR	5M293
T1404	MOPAR	473517 <sup>28</sup>	T1487	MOPAR	473010 <sup>28</sup>	T1600	MOPAR	450068	T1710	MOPAR	6818
T1405	MOPAR	472213	T1488	MOPAR	473010 <sup>28</sup>	T1602	MOPAR	5836	T1714	MOPAR	470088
T140629	TROS	340469	T1493	MOPAR	450194	T16038Z	WITTE	470548	T1716	MOPAR	210945
T140771	TROS	340771	T1493	MOPAR	473010 <sup>28</sup>	T16038Z	WITTE	470625 <sup>28</sup>	T1717	MOPAR	455536
T1408	MOPAR	40438S	T1494	MOPAR	6283S	T1606	MOPAR	50081	T1725	MOPAR	321460

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T1727	MOPAR	7607	T1830	MOPAR	473238	T1932	MOPAR	473461 <sup>28</sup>	T2063	MOPAR	5877
T1728	MOPAR	50266	T1832	MOPAR	473238 <sup>28</sup>	T1934	MOPAR	471391 <sup>28</sup>	T2065	MOPAR	451948
T1730	MOPAR	450269	T1834	MOPAR	6064	T1935	MOPAR	471391 <sup>28</sup>	T2066	MOPAR	451948
T1731	MOPAR	6781	T1835	MOPAR	5126	T194	MOPAR	5M403	T2070	MOPAR	473466
T1732	MOPAR	450285	T1838	MOPAR	450084 <sup>28</sup>	T1940	MOPAR	450094	T2071	MOPAR	472012
T1738	MOPAR	451817	T1839	MOPAR	203034	T1940	MOPAR	473462	T2073	MOPAR	6954S
T1740	MOPAR	203006 <sup>28</sup>	T1840	MOPAR	450084 <sup>28</sup>	T1945	MOPAR	417474	T2074	MOPAR	450307
T1741	MOPAR	44053	T1842	MOPAR	205044	T1948	MOPAR	7751H	T2075	MOPAR	450311
T1744	MOPAR	8181NA	T1844	MOPAR	410085	T1949	MOPAR	450472 <sup>28</sup>	T2076	MOPAR	5756
T1745	MOPAR	472070	T1844	MOPAR	470530 <sup>28</sup>	T1951	MOPAR	450911N <sup>28</sup>	T2077	MOPAR	200110
T1749	MOPAR	7600S	T1845	MOPAR	410085	T1954	MOPAR	450474	T2080	MOPAR	416738 <sup>28</sup>
T1750	MOPAR	450118	T1845	MOPAR	470530 <sup>28</sup>	T1956	MOPAR	40370S	T2080	MOPAR	450096
T1750	MOPAR	473449	T1847	MOPAR	410085	T1958	MOPAR	450111	T2081	MOPAR	416738 <sup>28</sup>
T1751	MOPAR	480281 <sup>28</sup>	T1847	MOPAR	470530 <sup>28</sup>	T19580	JOHND	340835	T2087	MOPAR	450313
T1753	MOPAR	203006 <sup>28</sup>	T1848	MOPAR	410085	T1961	MOPAR	352541	T2092	MOPAR	41013S
T1755	MOPAR	473450	T1848	MOPAR	470530 <sup>28</sup>	T1968	MOPAR	470409 <sup>28</sup>	T2095	MOPAR	6590S
T1756	MOPAR	473450 <sup>28</sup>	T1849	MOPAR	450085	T1970	MOPAR	6815	T2097	MOPAR	8243
T1757	MOPAR	5070	T1849	MOPAR	470530 <sup>28</sup>	T1971	MOPAR	471195 <sup>28</sup>	T2099	MOPAR	40973S
T1758	MOPAR	7044NA	T1850	MOPAR	472397 <sup>28</sup>	T1971	MOPAR	481195	T2101	MOPAR	6090S
T1760	MOPAR	450090	T1851	MOPAR	410085	T1972	MOPAR	472319	T2103	MOPAR	5589 <sup>30</sup>
T1762	MOPAR	6930	T1851	MOPAR	470530 <sup>28</sup>	T1975	MOPAR	471869	T2104	MOPAR	5589
T1764	MOPAR	291295	T1853	MOPAR	40301S	T1975	MOPAR	473459	T2105	MOPAR	450867
T1765	MOPAR	6960	T1854	MOPAR	450301	T19761613	HYST	200861	T2105	MOPAR	470898
T1766	MOPAR	473451 <sup>28</sup>	T1854	MOPAR	472397 <sup>28</sup>	T19761614	HYST	JV933	T2106	MOPAR	450867
T1771	MOPAR	473452	T1860	MOPAR	473463	T1977	MOPAR	6988H	T2106	MOPAR	470898
T1772	MOPAR	470331N	T1862	MOPAR	5113	T1978	MOPAR	471869	T2108	MOPAR	470898
T1774	MOPAR	473453	T1864	MOPAR	473242	T1978	MOPAR	473459	T2109	MOPAR	470898
T1776	MOPAR	332062	T1868	MOPAR	473235 <sup>28</sup>	T19802	JOHND	473474	T2110	MOPAR	40566S
T1777	MOPAR	6988H	T1870	MOPAR	473464	T19802T	JOHND	473474	T2111	MOPAR	6879H
T1778	MOPAR	7934S	T18708	MOPAR	5126	T1982	MOPAR	473241	T2112	MOPAR	450365
T1781	MOPAR	5458	T1872	MOPAR	450095	T1983	MOPAR	473241	T2112	MOPAR	470898
T1782	MOPAR	5458 <sup>30</sup>	T1872	MOPAR	473464 <sup>28</sup>	T1987	MOPAR	472144 <sup>28</sup>	T2113	MOPAR	6626S
T1783	MOPAR	350823	T1873	MOPAR	412027	T1990	MOPAR	472144 <sup>28</sup>	T2115	MOPAR	6879H
T1783	MOPAR	473454	T1875	MOPAR	8139	T1992	MOPAR	472144 <sup>28</sup>	T2117	MOPAR	8650S
T1784	MOPAR	340823	T1880	MOPAR	410102	T19922	MOPAR	472082	T2119	MOPAR	450115
T1785	MOPAR	2692	T1882	MOPAR	40401	T1997	MOPAR	6988H	T2119	MOPAR	473467
T1787	MOPAR	350936	T1884	MOPAR	9015S	T1998	MOPAR	9150S	T2123	MOPAR	472015 <sup>28</sup>
T1789	MOPAR	472439	T1885	MOPAR	471424 <sup>28</sup>	T2	MOPAR	5414	T2124	MOPAR	472015 <sup>28</sup>
T1790	MOPAR	472439	T1886	MOPAR	40410S	T200	BUTBN	471735	T2126	MOPAR	8430S
T1791	MOPAR	472439	T1889	MOPAR	471870 <sup>28</sup>	T2002	MOPAR	450298	T2127	MOPAR	472015 <sup>28</sup>
T1793	MOPAR	40071S	T1889	MOPAR	471883	T2002	MOPAR	473239	T2128	MOPAR	472015 <sup>28</sup>
T1794	MOPAR	472439	T1893	MOPAR	470543	T20036	CASE	453279 <sup>28</sup>	T2130	MOPAR	410308 <sup>28</sup>
T1795	MOPAR	331227H	T1893	MOPAR	474272	T20076S	TROS	470334 <sup>28</sup>	T2130	MOPAR	450308
T1798	MOPAR	6985	T1895	MOPAR	331107N	T20081	CASE	204035	T2131	MOPAR	410308 <sup>28</sup>
T1801	MOPAR	471868	T1897	MOPAR	5865	T20120	TROS	471224 <sup>28</sup>	T2131	MOPAR	450308
T1807	MOPAR	472572 <sup>28</sup>	T1901	MOPAR	40389S	T2014	MOPAR	6808N	T2132	MOPAR	410308 <sup>28</sup>
T1810	MOPAR	450117	T1902	MOPAR	450389	T2017	MOPAR	473458	T2134	MOPAR	410312N
T1810	MOPAR	472572 <sup>28</sup>	T1902	MOPAR	472492 <sup>28</sup>	T2019	MOPAR	451078 <sup>28</sup>	T2136	MOPAR	472016 <sup>28</sup>
T1811	MOPAR	450117	T1905	MOPAR	331301N	T2020	MOPAR	7216	T2140	MOPAR	410312N
T1811	MOPAR	472572 <sup>28</sup>	T1906	MOPAR	472924 <sup>28</sup>	T2021	MOPAR	410524	T2141	MOPAR	410312N
T1812	MOPAR	6712NA	T1907	MOPAR	472924 <sup>28</sup>	T20223	JOHND	343101	T2144	MOPAR	39302
T1813	MOPAR	473179 <sup>28</sup>	T1908	MOPAR	6163S	T202964	CUMMI	471795	T2149	MOPAR	450121
T1814	MOPAR	6712NA	T1912	MOPAR	450083	T2033	MOPAR	5573 <sup>30</sup>	T2149	MOPAR	472409 <sup>28</sup>
T1816	MOPAR	6712NA	T1912	MOPAR	472924 <sup>28</sup>	T2034	MOPAR	5573	T2152	MOPAR	473243
T1817	MOPAR	6712NA	T1914	MOPAR	472082	T2042	MOPAR	455253	T2158	MOPAR	413469 <sup>28</sup>
T1819	MOPAR	6460S	T1915	MOPAR	472082	T20425	MOPAR	3087	T2161	MOPAR	415349
T1820	MOPAR	414045 <sup>28</sup>	T1920	MOPAR	470530 <sup>28</sup>	T2048	MOPAR	55524	T2165	MOPAR	450621
T1822	MOPAR	414045 <sup>28</sup>	T1924	MOPAR	473460	T205006	TROS	203006 <sup>28</sup>	T2169	MOPAR	450489
T1827	MOPAR	473238 <sup>28</sup>	T1930	MOPAR	472394	T205008	TROS	205017	T2169	MOPAR	473244
T1830	MOPAR	450082	T1931	MOPAR	472394	T205017	TROS	204017	T217	MOPAR	5M466

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T2171	MOPAR	472234	T225003	TROS	415003	T235086	TROS	417487 <sup>28</sup>	T2410	MOPAR	415449 <sup>28</sup>
T2173	MOPAR	472018	T225003	TROS	415458 <sup>28</sup>	T235095	TROS	416271 <sup>28</sup>	T2411	MOPAR	415449 <sup>28</sup>
T2175	MOPAR	8974S	T225086	TROS	415086N	T2352	MOPAR	417480 <sup>28</sup>	T2411	MOPAR	455147
T2176	MOPAR	473471	T225086	TROS	417487 <sup>28</sup>	T2352	MOPAR	455860	T2412	MOPAR	415449 <sup>28</sup>
T2177	MOPAR	472020	T2251	MOPAR	455136	T235315	TROS	415984 <sup>28</sup>	T2412	MOPAR	455147
T2180	MOPAR	470354	T225146	TROS	415146 <sup>28</sup>	T235354	TROS	416404 <sup>28</sup>	T2413	MOPAR	415449 <sup>28</sup>
T2181	MOPAR	6636S	T225146	TROS	415991	T235498	TROS	415498	T2415	MOPAR	415001 <sup>28</sup>
T2182	MOPAR	6186	T2256	MOPAR	411376 <sup>28</sup>	T2358	MOPAR	5487	T2417	MOPAR	415001 <sup>28</sup>
T2185	MOPAR	473245 <sup>28</sup>	T2256	MOPAR	455093	T2359	MOPAR	471887	T2419	MOPAR	415001 <sup>28</sup>
T2188	MOPAR	473245 <sup>28</sup>	T2258	MOPAR	3095	T235949	TROS	35949N	T2420	MOPAR	415001 <sup>28</sup>
T219	BUC-E	416892 <sup>28</sup>	T2259	MOPAR	415234 <sup>28</sup>	T2360	MOPAR	412040	T2420	MOPAR	455001
T2190	MOPAR	412943	T2263	MOPAR	415259 <sup>28</sup>	T2361	MOPAR	412040	T2422	MOPAR	416273 <sup>28</sup>
T2194	MOPAR	3103 <sup>28</sup>	T2266	MOPAR	55337	T2363	MOPAR	411500	T2425	MOPAR	7581H
T2195	MOPAR	415350	T2267	MOPAR	415254	T2364	MOPAR	413478	T2426	MOPAR	455079 <sup>28</sup>
T2197	MOPAR	472234	T2275	MOPAR	205035	T2365	MOPAR	450104	T2427	MOPAR	415082
T2201	MOPAR	471341 <sup>28</sup>	T2276	MOPAR	493291	T2367	MOPAR	411245 <sup>28</sup>	T2428	MOPAR	455655 <sup>28</sup>
T220120	TROS	471224 <sup>28</sup>	T2282	MOPAR	472150	T2367	MOPAR	455096	T2436	MOPAR	5401
T2202	MOPAR	450441	T2284	MOPAR	411394 <sup>28</sup>	T2370	MOPAR	417073	T2439	MOPAR	413479
T2202	MOPAR	471341 <sup>28</sup>	T2284	MOPAR	450317	T23709	CASE	41461S	T2440	MOPAR	415302
T220301	TROS	472397 <sup>28</sup>	T2286	MOPAR	5924	T2371	MOPAR	3210	T2445	MOPAR	415302
T2206	MOPAR	471272 <sup>28</sup>	T2288	MOPAR	410694 <sup>28</sup>	T23755	MOPAR	410987 <sup>28</sup>	T2446	MOPAR	415988
T22069	JOHND	471192	T2289	MOPAR	450133	T23755	MOPAR	450103	T2453	MOPAR	417481
T2207	MOPAR	410520	T2292	MOPAR	416444	T2376	MOPAR	6575S	T2455	MOPAR	455280
T2207	MOPAR	471272 <sup>28</sup>	T2296	MOPAR	416444	T2377	MOPAR	40555	T2463	MOPAR	411330N
T2209	MOPAR	410520	T2299	MOPAR	455321	T2377	MOPAR	40555S <sup>28</sup>	T2465	MOPAR	451143
T2209	MOPAR	471272 <sup>28</sup>	T2306	MOPAR	470764 <sup>28</sup>	T2380	MOPAR	40337S	T2467	MOPAR	412871 <sup>28</sup>
T2210	MOPAR	410520	T2307	MOPAR	41026S	T2381	MOPAR	472029	T2467	MOPAR	450329
T2210	MOPAR	471272 <sup>28</sup>	T230737	TROS	410737 <sup>28</sup>	T23839	MOPAR	410825	T2469	MOPAR	412871 <sup>28</sup>
T22101	JOHND	240733	T2308	MOPAR	473474	T2384	MOPAR	471271 <sup>28</sup>	T2469	MOPAR	450329
T22101T	JOHND	240733	T2309	MOPAR	470565 <sup>28</sup>	T23844	MOPAR	417480 <sup>28</sup>	T2471	MOPAR	410708
T2211	MOPAR	40520S	T2310	MOPAR	470565 <sup>28</sup>	T23844	MOPAR	455860	T2473	MOPAR	410708
T22110A	BORGW	472572 <sup>28</sup>	T2311	MOPAR	470565 <sup>28</sup>	T2385	MOPAR	471271 <sup>28</sup>	T2475	MOPAR	450412
T2212	MOPAR	473473	T2312	MOPAR	470565 <sup>28</sup>	T2386	MOPAR	410519	T2478	MOPAR	415483 <sup>28</sup>
T2214	MOPAR	473473	T2314	MOPAR	473475	T2386	MOPAR	471271 <sup>28</sup>	T2478	MOPAR	455368
T2216	MOPAR	7937N	T2316	MOPAR	413246N	T2387	MOPAR	442380	T2479	MOPAR	475368N
T2217	MOPAR	473473	T2318	MOPAR	413246	T2389	MOPAR	450519	T2481	MOPAR	415483
T2218	MOPAR	471138 <sup>28</sup>	T2318	MOPAR	413246N	T2389	MOPAR	471271 <sup>28</sup>	T2482	MOPAR	417079
T2220	MOPAR	410737 <sup>28</sup>	T232	MOPAR	370002A	T2390	MOPAR	450519	T2483	MOPAR	415003
T2221	MOPAR	410737 <sup>28</sup>	T2321	MOPAR	410101N	T2390	MOPAR	471271 <sup>28</sup>	T2483	MOPAR	415458 <sup>28</sup>
T2222	MOPAR	410737 <sup>28</sup>	T2324	MOPAR	410101N	T23902	JOHND	470680	T2485	MOPAR	415003
T2222	MOPAR	450737	T2326	MOPAR	40101S	T23902	JOHND	471570 <sup>28</sup>	T2485	MOPAR	415458 <sup>28</sup>
T2223	MOPAR	200763	T2328	MOPAR	412119 <sup>28</sup>	T23902T	JOHND	470680	T2488	MOPAR	415458 <sup>28</sup>
T2226	MOPAR	472636 <sup>28</sup>	T2328	MOPAR	450101	T23902T	JOHND	471570 <sup>28</sup>	T2489	MOPAR	475003N
T22260	JOHND	471267 <sup>28</sup>	T2329	MOPAR	413247 <sup>28</sup>	T2391	MOPAR	410519	T2492	MOPAR	475003N
T2228	MOPAR	472636 <sup>28</sup>	T2329	MOPAR	450350	T2391	MOPAR	471271 <sup>28</sup>	T2493	MOPAR	475003N
T2229	MOPAR	410316	T2332	MOPAR	410987 <sup>28</sup>	T2395	MOPAR	410496 <sup>28</sup>	T2498	MOPAR	417343 <sup>28</sup>
T2229	MOPAR	472636 <sup>28</sup>	T2333	MOPAR	410987 <sup>28</sup>	T2396	MOPAR	410496 <sup>28</sup>	T2499	MOPAR	417343 <sup>28</sup>
T2232	MOPAR	40316S	T2333	MOPAR	450103	T2398	MOPAR	470605 <sup>28</sup>	T2501	MOPAR	415007
T2233	MOPAR	410316	T2335	MOPAR	410987 <sup>28</sup>	T2401	MOPAR	415147	T25013S	TROS	415013
T2233	MOPAR	472636 <sup>28</sup>	T2335	MOPAR	450686	T2401	MOPAR	415449 <sup>28</sup>	T25013S	TROS	415995 <sup>28</sup>
T2234	MOPAR	450316	T2337	MOPAR	416271 <sup>28</sup>	T240141	TROS	350954	T25016S	TROS	416288 <sup>28</sup>
T2234	MOPAR	472636 <sup>28</sup>	T2339	MOPAR	416271 <sup>28</sup>	T240141	TROS	470954 <sup>28</sup>	T250203	TROS	481443 <sup>28</sup>
T2236	MOPAR	44052	T2341	MOPAR	416271 <sup>28</sup>	T2402	MOPAR	415449 <sup>28</sup>	T2503	MOPAR	417082
T2238	MOPAR	411253 <sup>28</sup>	T2342	MOPAR	416271 <sup>28</sup>	T2403	MOPAR	415449 <sup>28</sup>	T25071	MOPAR	416273
T2242	MOPAR	411253 <sup>28</sup>	T2343	MOPAR	412861	T2407	MOPAR	415147	T25072	MOPAR	416273
T2242	MOPAR	450099	T2345	MOPAR	415857 <sup>28</sup>	T2407	MOPAR	415449 <sup>28</sup>	T250H	MC-NO	7038SA
T2246	MOPAR	412920 <sup>28</sup>	T2349	MOPAR	410825	T240791	TROS	340009S	T2510	MOPAR	7780N
T2248	MOPAR	412920 <sup>28</sup>	T2350	MOPAR	475380N	T2409	MOPAR	415147	T251076	TROS	471076
T2248	MOPAR	450132	T235070	TROS	416865 <sup>28</sup>	T2409	MOPAR	415449 <sup>28</sup>	T2512	MOPAR	455151
T2250	MOPAR	41075S	T235086	TROS	415086N	T2410	MOPAR	415147	T25147S	TROS	415147

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T25147S	TROS	415449 <sup>2B</sup>	T261	MOPAR	5MR1009	T270F	MC-NO	331107N	T2824	MOPAR	416292
T2518	MOPAR	455151	T2610	MOPAR	416921 <sup>2B</sup>	T2715	MOPAR	416011	T2826	MOPAR	417491
T2520	MOPAR	455008	T2610	MOPAR	455011	T2715	MOPAR	417621 <sup>2B</sup>	T2827	MOPAR	415085 <sup>2B</sup>
T2522	MOPAR	455008	T2611	MOPAR	416921 <sup>2B</sup>	T2717	MOPAR	8976S	T2827	MOPAR	456648
T2527	MOPAR	480491	T2612	MOPAR	416921 <sup>2B</sup>	T271F	MC-NO	7692S	T2829	MOPAR	455024
T2528	MOPAR	416664 <sup>2B</sup>	T2613	MOPAR	416921 <sup>2B</sup>	T2720	MOPAR	415016N	T2831	MOPAR	415442 <sup>2B</sup>
T2528	MOPAR	455364	T2614	MOPAR	416921 <sup>2B</sup>	T2722	MOPAR	416288 <sup>2B</sup>	T2834	MOPAR	412473 <sup>2B</sup>
T2529	MOPAR	416664 <sup>2B</sup>	T2617	MOPAR	417134	T2725	MOPAR	417171 <sup>2B</sup>	T2834	MOPAR	415894
T2530	MOPAR	416664 <sup>2B</sup>	T2619	MOPAR	455310	T272F	MC-NO	7300S	T2835	MOPAR	412473 <sup>2B</sup>
T2531	MOPAR	45827S	T2621	MOPAR	455144	T2731	MOPAR	417172	T2835	MOPAR	415894
T2533	MOPAR	417484N	T2624	MOPAR	5403	T2734	MOPAR	5751	T2837	MOPAR	412473 <sup>2B</sup>
T2533	MOPAR	455322	T2628	MOPAR	416956	T2736	MOPAR	416297	T2837	MOPAR	415894
T2534	MOPAR	417484N	T2629	MOPAR	417159	T274	BUTBN	473424 <sup>2B</sup>	T2840	MOPAR	412473 <sup>2B</sup>
T2534	MOPAR	475322N	T2630	MOPAR	417159	T2744	MOPAR	415021	T2840	MOPAR	415894
T2537	MOPAR	415984 <sup>2B</sup>	T2631	MOPAR	35949N	T2746	MOPAR	415394	T2842	MOPAR	417191
T254	BUTBN	471795	T2633	MOPAR	475012N	T27467	MOPAR	415960	T2842	MOPAR	455165 <sup>2B</sup>
T2542	MOPAR	415004	T2638	MOPAR	475012N	T274F	MC-NO	7929S	T28425	MOPAR	2081
T2542	MOPAR	417316 <sup>2B</sup>	T2640	MOPAR	417486	T2752	MOPAR	6649	T2848	MOPAR	417354 <sup>2B</sup>
T2544	MOPAR	415004	T2643	MOPAR	455356	T2753	MOPAR	5313	T2850	MOPAR	455249 <sup>2B</sup>
T2544	MOPAR	417316 <sup>2B</sup>	T2647	MOPAR	415281N	T2759	MOPAR	456105	T2851	MOPAR	415025
T2547	MOPAR	46997S	T2650	MOPAR	417349 <sup>2B</sup>	T2764	MOPAR	417490	T2857	MOPAR	418029 <sup>2B</sup>
T2548	MOPAR	417316 <sup>2B</sup>	T2651	MOPAR	415281N	T2766	MOPAR	455336	T2857	MOPAR	455499
T2549	MOPAR	417316 <sup>2B</sup>	T2652	MOPAR	417350 <sup>2B</sup>	T2767	MOPAR	6358	T2860	MOPAR	417171 <sup>2B</sup>
T2549	MOPAR	455004	T2652	MOPAR	455479	T2769	MOPAR	455022	T2861	MOPAR	417492
T2553	MOPAR	415960	T2654	MOPAR	417350 <sup>2B</sup>	T2770	MOPAR	55563	T2862	MOPAR	55419
T2553	MOPAR	455009	T2654	MOPAR	455479	T2771	MOPAR	455566	T286280	HYST	417181 <sup>2B</sup>
T2556	MOPAR	415009	T2657	MOPAR	415836	T2774	MOPAR	415304	T2866	MOPAR	417493
T2556	MOPAR	415960 <sup>2B</sup>	T2657	MOPAR	415995 <sup>2B</sup>	T2774	MOPAR	476470 <sup>2B</sup>	T2869	MOPAR	455858
T2560	MOPAR	415960	T2659	MOPAR	415836	T2775	MOPAR	455018	T2871	MOPAR	417494
T2561	MOPAR	415009	T2659	MOPAR	415995 <sup>2B</sup>	T2775	MOPAR	476470	T2873	MOPAR	455026
T2561	MOPAR	415960 <sup>2B</sup>	T2660	MOPAR	415836	T2776	MOPAR	476470	T2878	MOPAR	45525S
T2563	MOPAR	475009N	T2660	MOPAR	415995 <sup>2B</sup>	T2778	MOPAR	455018	T287P	MC-NO	331228H
T2564	MOPAR	415960	T2661	MOPAR	415995 <sup>2B</sup>	T2778	MOPAR	476470	T2883	MOPAR	415899N
T2564	MOPAR	455009	T2661	MOPAR	455013	T2779	MOPAR	415304	T2883	MOPAR	416624N
T2565	MOPAR	55469	T2662	MOPAR	415995V	T2779	MOPAR	476470 <sup>2B</sup>	T2884	MOPAR	415991
T2566	MOPAR	415272N	T2664	MOPAR	415013	T277G	MC-NO	6712NA	T2884	MOPAR	455146 <sup>2B</sup>
T2567	MOPAR	416706 <sup>2B</sup>	T2664	MOPAR	415995 <sup>2B</sup>	T27809	CASE	204029	T2885	MOPAR	415991
T2567	MOPAR	455272	T2665	MOPAR	415836	T27809	CASE	204507 <sup>2B</sup>	T2886	MOPAR	415991
T2569	MOPAR	416706 <sup>2B</sup>	T2665	MOPAR	415995 <sup>2B</sup>	T2783	MOPAR	455018	T2886	MOPAR	455146 <sup>2B</sup>
T2570	MOPAR	416706 <sup>2B</sup>	T2667	MOPAR	415013	T2783	MOPAR	476470	T2888	MOPAR	5965
T2574	MOPAR	476283N	T2667	MOPAR	415995 <sup>2B</sup>	T2784	MOPAR	417181 <sup>2B</sup>	T28889	CASE	204013
T2575	MOPAR	416282	T2669	MOPAR	45013S	T2785	MOPAR	7208S	T289	MOPAR	5460
T2580	MOPAR	455005	T266D	MC-NO	9613S	T2787	MOPAR	370018A	T2890	MOPAR	415991
T2581	MOPAR	417485	T2673	MOPAR	417351 <sup>2B</sup>	T2788	MOPAR	418028	T2892	MOPAR	415146 <sup>2B</sup>
T2583	MOPAR	475384	T2673	MOPAR	455154	T2788	MOPAR	455137 <sup>2B</sup>	T2892	MOPAR	415991
T2586	MOPAR	2081	T2676	MOPAR	417487	T2790	MOPAR	417352	T2893	MOPAR	415146 <sup>2B</sup>
T2591	MOPAR	415303 <sup>2B</sup>	T2676	MOPAR	455014	T2790	MOPAR	418028	T2893	MOPAR	415991
T2593	MOPAR	417344 <sup>2B</sup>	T2679	MOPAR	415086N	T2791	MOPAR	417352	T2897	MOPAR	345146
T2595	MOPAR	417344 <sup>2B</sup>	T2679	MOPAR	417487 <sup>2B</sup>	T2791	MOPAR	418028	T2898	MOPAR	415991
T2596	MOPAR	417344 <sup>2B</sup>	T2682	MOPAR	417488 <sup>2B</sup>	T2796	MOPAR	415137 <sup>2B</sup>	T2898	MOPAR	455146 <sup>2B</sup>
T2597	MOPAR	455006N	T2684	MOPAR	415088 <sup>2B</sup>	T2796	MOPAR	418028	T2900	MOPAR	417196 <sup>2B</sup>
T2599	MOPAR	417344 <sup>2B</sup>	T2684	MOPAR	455088	T2799	MOPAR	415137 <sup>2B</sup>	T2902	MOPAR	415437
T260	MOPAR	5MR1008	T2686	MOPAR	455019 <sup>2B</sup>	T2799	MOPAR	418028	T2903	MOPAR	415437
T2600	MOPAR	417344 <sup>2B</sup>	T269	MOPAR	5MR1300	T2802	MOPAR	417353 <sup>2B</sup>	T2904	MOPAR	415437
T2600	MOPAR	455006	T2695	MOPAR	455015	T2805	MOPAR	416865 <sup>2B</sup>	T290567	TROS	351267
T260024	HYST	471344	T2701	MOPAR	45825S	T2806	MOPAR	370018A	T290567	TROS	471267 <sup>2B</sup>
T260025	HYST	473230 <sup>2B</sup>	T2703	MOPAR	416404 <sup>2B</sup>	T2809	MOPAR	415023	T2907	MOPAR	415437
T2607	MOPAR	417158 <sup>2B</sup>	T2704	MOPAR	416404 <sup>2B</sup>	T2810	MOPAR	6584S	T2908	MOPAR	415437 <sup>2B</sup>
T2609	MOPAR	417158 <sup>2B</sup>	T2705	MOPAR	416404 <sup>2B</sup>	T2817	MOPAR	5408	T2908	MOPAR	455173
T2609	MOPAR	455355	T2709	MOPAR	5578	T2821	MOPAR	455500	T2909	MOPAR	370001A

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T2911	MOPAR	415027 <sup>28</sup>	T3000	MOPAR	417211 <sup>28</sup>	T3054	MOPAR	455037	T3148	MOPAR	370021A
T2911	MOPAR	455027	T3001	MOPAR	417211 <sup>28</sup>	T3058	MOPAR	455134 <sup>28</sup>	T3151	MOPAR	417533
T2913	MOPAR	417495	T3002	MOPAR	416345 <sup>28</sup>	T306	MOPAR	370009A	T3152	MOPAR	417534
T2914	MOPAR	415559	T3002	MOPAR	455033	T3060	MOPAR	417511	T3155	MOPAR	415371
T2915	MOPAR	6612S	T30028	CASE	204035	T3061	MOPAR	415142	T3156	MOPAR	415371
T292	MOPAR	370002A	T3003	MOPAR	415697 <sup>28</sup>	T3064	MOPAR	417512	T3161	MOPAR	416158
T2921	MOPAR	415498	T3003	MOPAR	455547	T3065	MOPAR	415043	T3163	MOPAR	415064
T2922	MOPAR	415498	T30033	MOPAR	417487	T3065057	CHRYS	228010	T3170	MOPAR	6329S
T2924	MOPAR	415711	T30033	MOPAR	455086	T3066	MOPAR	455203	T3171	MOPAR	417535
T2928	MOPAR	417497	T3004	MOPAR	417366 <sup>28</sup>	T30666	TROS	450666	T3174	MOPAR	45637S
T293	MOPAR	370009A	T3005	MOPAR	417366 <sup>28</sup>	T3068	MOPAR	455056	T3176	MOPAR	417536
T2930	MOPAR	417498	T3008	MOPAR	456618	T3070	MOPAR	415295	T3177	MOPAR	417537
T2931	MOPAR	55028	T30083	TROS	472924 <sup>28</sup>	T3071	MOPAR	455194	T3181	MOPAR	415138 <sup>28</sup>
T2935	MOPAR	416047	T301	MOPAR	370024A	T3073	MOPAR	417513	T3186	MOPAR	415138 <sup>28</sup>
T2935	MOPAR	416332 <sup>28</sup>	T3010	MOPAR	455186	T3074	MOPAR	417514	T3187	MOPAR	417538
T2936	MOPAR	416047	T30101	TROS	410101N	T3077	MOPAR	417516	T3189	MOPAR	200642
T2936	MOPAR	416332 <sup>28</sup>	T3011	MOPAR	415034 <sup>28</sup>	T3083	MOPAR	455195	T3191	MOPAR	417247 <sup>28</sup>
T2939	MOPAR	415937 <sup>28</sup>	T3011	MOPAR	455034	T3083	MOPAR	472157 <sup>28</sup>	T3192	MOPAR	417247 <sup>28</sup>
T2943	MOPAR	55353	T3012	MOPAR	455191	T3084	MOPAR	416556 <sup>28</sup>	T3193	MOPAR	415066
T2945	MOPAR	417355 <sup>28</sup>	T3013	MOPAR	455191	T3084	MOPAR	472157	T3197	MOPAR	6663S
T2945	MOPAR	485497	T3015	MOPAR	415263	T3085	MOPAR	416556 <sup>28</sup>	T3199	MOPAR	455251H
T2946	MOPAR	417355 <sup>28</sup>	T3016	MOPAR	370008A	T3085	MOPAR	472157	T3200	MOPAR	455251H
T2946	MOPAR	485497	T3017	MOPAR	417506	T3087079	RENAU	224520	T3202	MOPAR	416163
T2947	MOPAR	417355 <sup>28</sup>	T30183	TROS	410183N	T3087143	RENAU	223240	T3211	MOPAR	416167 <sup>28</sup>
T2949	MOPAR	415937 <sup>28</sup>	T302	MOPAR	370003A	T3087144	RENAU	1992	T3211	MOPAR	455091
T295	MOPAR	370019A	T3020	MOPAR	415187	T3087157	RENAU	225110	T3212	MOPAR	416167 <sup>28</sup>
T2950	MOPAR	416125 <sup>28</sup>	T3021	MOPAR	45187S	T3088	MOPAR	415196 <sup>28</sup>	T3212	MOPAR	455091
T2952	MOPAR	370011A	T3022	MOPAR	415035	T308D	MC-NO	6712NA	T3214	MOPAR	417267
T2954	MOPAR	370012A	T3026	MOPAR	415035	T3092	MOPAR	416891 <sup>28</sup>	T3215	MOPAR	417269 <sup>28</sup>
T2955	MOPAR	415832	T3026	MOPAR	415953	T3093	MOPAR	415045 <sup>28</sup>	T3218	MOPAR	370005A
T2957	MOPAR	417501	T3028	MOPAR	415035 <sup>28</sup>	T3096	MOPAR	416137	T3219	MOPAR	370007A
T295957	TROS	8976S	T3028	MOPAR	455035	T3098	MOPAR	417518	T3221	MOPAR	417539 <sup>28</sup>
T296	MOPAR	370005A	T3029	MOPAR	415035	T3099	MOPAR	415058	T3222	MOPAR	417273
T2960	MOPAR	55030	T303	MOPAR	370006A	T3100	MOPAR	455197N	T3224	MOPAR	415725 <sup>28</sup>
T2961	MOPAR	2218	T3030	MOPAR	455035N	T3101	MOPAR	455197N	T3226	MOPAR	416865 <sup>28</sup>
T2962	MOPAR	415379 <sup>28</sup>	T30300	TROS	472394	T3104	MOPAR	417520	T3226	MOPAR	455070
T2962	MOPAR	455379	T30303S	TROS	472015 <sup>28</sup>	T3106	MOPAR	417238	T323	MOPAR	350435
T2964	MOPAR	415379	T30316	TROS	410316	T3110	MOPAR	415196 <sup>28</sup>	T3231	MOPAR	416865 <sup>28</sup>
T2965	MOPAR	415379	T30316	TROS	472636 <sup>28</sup>	T3113	MOPAR	415047	T3232	MOPAR	455200N
T2966	MOPAR	415379	T3033	MOPAR	415035 <sup>28</sup>	T3114	MOPAR	416149	T3234	MOPAR	416865 <sup>28</sup>
T2967	MOPAR	415379	T3033	MOPAR	455035	T3116	MOPAR	370030A	T3236	MOPAR	417278
T2968	MOPAR	415379 <sup>28</sup>	T3035	MOPAR	417356 <sup>28</sup>	T3117	MOPAR	415060	T3237	MOPAR	417541
T2968	MOPAR	455379	T3035	MOPAR	455188	T3118	MOPAR	415060	T3238	MOPAR	417542
T2970	MOPAR	417205 <sup>28</sup>	T30352	TROS	472164 <sup>28</sup>	T3119	MOPAR	370019A	T3239	MOPAR	417543
T2972	MOPAR	417205 <sup>28</sup>	T3036	MOPAR	417357	T3121	MOPAR	417525	T3240	MOPAR	370003A
T2973	MOPAR	415013	T3036	MOPAR	455192 <sup>28</sup>	T3122	MOPAR	417526	T3241	MOPAR	455290
T2973	MOPAR	415995 <sup>28</sup>	T3037	MOPAR	417357	T3124	MOPAR	415351 <sup>28</sup>	T3242	MOPAR	370006A
T2976	MOPAR	416339	T3037	MOPAR	455192 <sup>28</sup>	T3127	MOPAR	327303 <sup>28</sup>	T3243	MOPAR	417546 <sup>28</sup>
T2976	MOPAR	455031 <sup>28</sup>	T3038	MOPAR	416130 <sup>28</sup>	T3128	MOPAR	416888 <sup>28</sup>	T3244	MOPAR	417548
T2977	MOPAR	45031S	T3040	MOPAR	415036	T3129	MOPAR	416888 <sup>28</sup>	T3245	MOPAR	417262 <sup>28</sup>
T2978	MOPAR	415150 <sup>28</sup>	T3043	MOPAR	417507 <sup>28</sup>	T3131	MOPAR	416888 <sup>28</sup>	T3245	MOPAR	455448
T2979	MOPAR	415150 <sup>28</sup>	T3043	MOPAR	455513	T3131	MOPAR	455200	T3248	MOPAR	415645 <sup>28</sup>
T298	MOPAR	370003A	T3044	MOPAR	417507 <sup>28</sup>	T3132	MOPAR	416888 <sup>28</sup>	T3248	MOPAR	455104
T2984	MOPAR	8370S	T3044	MOPAR	455513	T3132	MOPAR	455200	T3252	MOPAR	417549 <sup>28</sup>
T2991	MOPAR	455032 <sup>28</sup>	T3046	MOPAR	415041	T3137	MOPAR	416153 <sup>28</sup>	T3255	MOPAR	415938
T2992	MOPAR	455189	T3047	MOPAR	370349A	T3139	MOPAR	416892 <sup>28</sup>	T3256	MOPAR	415938
T2994	MOPAR	417210 <sup>28</sup>	T3048	MOPAR	417509	T3142	MOPAR	370022A	T3257	MOPAR	417554 <sup>28</sup>
T2995	MOPAR	417210 <sup>28</sup>	T3049	MOPAR	417223	T3144	MOPAR	416154 <sup>28</sup>	T3258	MOPAR	370027A
T2996	MOPAR	417210 <sup>28</sup>	T3051	MOPAR	455037	T3146	MOPAR	416070	T3260	MOPAR	417254
T300	MOPAR	370006A	T3052	MOPAR	370009A	T3147	MOPAR	415351 <sup>28</sup>	T3265	MOPAR	416107 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T3265	MOPAR	455073	T3361	MOPAR	417603 <sup>28</sup>	T35137	TROS	415137 <sup>28</sup>	T3642	MOPAR	415013N
T3272	MOPAR	370006A	T3363	MOPAR	417604	T35137	TROS	418028	T3642	MOPAR	415995V
T3273	MOPAR	8635S	T3364	MOPAR	416394	T-351406	HYST	470163	T3643	MOPAR	415995 <sup>28</sup>
T3275	MOPAR	417555 <sup>28</sup>	T3366	MOPAR	417567	T-351406	HYST	471766 <sup>28</sup>	T3643	MOPAR	455013
T3276	MOPAR	417556	T3367	MOPAR	415128	T-351417	HYST	450519	T3644	MOPAR	415156N
T3278	MOPAR	415447	T336819	HYST	472258 <sup>28</sup>	T-351417	HYST	471271 <sup>28</sup>	T3645	MOPAR	415156N
T3279	MOPAR	417362 <sup>28</sup>	T3369	MOPAR	455129	T35146	TROS	415146 <sup>28</sup>	T3649	MOPAR	476470
T3280	MOPAR	416666	T337	MOPAR	350364	T35146	TROS	415991	T3650	MOPAR	415437
T3284	MOPAR	416476 <sup>28</sup>	T3370	MOPAR	55301S	T35156	TROS	5578	T3651	MOPAR	416047
T3284	MOPAR	455075	T3371	MOPAR	415090	T3520	MOPAR	1012N	T3651	MOPAR	416332 <sup>28</sup>
T3286	MOPAR	416476 <sup>28</sup>	T3374	MOPAR	415219	T3525	MOPAR	471787 <sup>28</sup>	T3653	MOPAR	415379
T3287	MOPAR	455297	T3376	MOPAR	415871	T35322	TROS	417484N	T3657	MOPAR	415138 <sup>28</sup>
T3292	MOPAR	415072	T3377	MOPAR	415871	T35322	TROS	475322N	T3660	MOPAR	415871
T3295	MOPAR	415072	T3378	MOPAR	417606	T3538	MOPAR	1012N	T3666	MOPAR	8835S
T3300	MOPAR	455330 <sup>28</sup>	T3382	MOPAR	55078S	T35380	TROS	475380N	T3667	MOPAR	411330N
T3301	MOPAR	457874	T3386	MOPAR	417020	T354106	HYST	455509	T367	MOPAR	350156
T3302	MOPAR	455583N <sup>28</sup>	T3387	MOPAR	417570	T354225	HYST	450352	T367	MOPAR	473096
T3305	MOPAR	455480 <sup>28</sup>	T3390	MOPAR	415227 <sup>28</sup>	T354225	HYST	472164 <sup>28</sup>	T3670	MOPAR	481181 <sup>28</sup>
T3306	MOPAR	417562	T3394	MOPAR	415482	T3545	MOPAR	224045	T3670	MOPAR	481181N
T3310	MOPAR	417563	T3397	MOPAR	415077	T3559	MOPAR	224040	T3672	MOPAR	8421S
T331107	TROS	331107N	T3398	MOPAR	415076	T3559	MOPAR	40X60X10 <sup>28</sup>	T3674	MOPAR	475003N
T331227	TROS	331227H	T340	MOPAR	350364	T3568	MOPAR	226020	T3681	MOPAR	410496 <sup>28</sup>
T331228	TROS	331228H	T3400	MOPAR	417608	T3568	MOPAR	60X80X8 <sup>28</sup>	T3685	MOPAR	473215 <sup>28</sup>
T3313	MOPAR	415294 <sup>28</sup>	T340364	TROS	350364	T3568	MOPAR	60X80X8 <sup>28</sup>	T3686	MOPAR	471255 <sup>28</sup>
T3313	MOPAR	455294	T34037	CASE	471224 <sup>28</sup>	T3574	MOPAR	224045	T3706	MOPAR	7208S
T331301	TROS	331301N	T3409	MOPAR	1049	T3581	MOPAR	3103 <sup>28</sup>	T371358	HYST	473435
T3314	MOPAR	416229	T340950	TROS	6241S	T358160	HYST	450066	T-371474	HYST	471570 <sup>28</sup>
T3315	MOPAR	415294 <sup>28</sup>	T3411	MOPAR	1037	T358160	HYST	473367 <sup>28</sup>	T3718	MOPAR	3103 <sup>28</sup>
T3316	MOPAR	416229	T3413	MOPAR	472299	T3587	MOPAR	8695S	T3719	MOPAR	3103 <sup>28</sup>
T3318	MOPAR	417298	T3441	MOPAR	472492 <sup>28</sup>	T3588	MOPAR	7022S	T372	MOPAR	471103 <sup>28</sup>
T332	MOPAR	240698	T3446	MOPAR	473238 <sup>28</sup>	T3589	MOPAR	8704S	T372	MOPAR	50197S
T3320	MOPAR	415327	T3469	MOPAR	470898	T359	MOPAR	340385	T3720	MOPAR	3095
T3322	MOPAR	417596	T3474	MOPAR	471192	T3590	MOPAR	6815	T37225	JOHND	JV1166
T3323	MOPAR	JV753	T3476	MOPAR	416664 <sup>28</sup>	T3591	MOPAR	203012	T3728	MOPAR	9150S
T3324	MOPAR	455584	T348	MOPAR	50445	T3592	MOPAR	472409 <sup>28</sup>	T37297	CASE	471870 <sup>28</sup>
T3325	MOPAR	416364 <sup>28</sup>	T3480	MOPAR	472164 <sup>28</sup>	T360	MOPAR	330385 <sup>28</sup>	T37297	CASE	471883
T3326	MOPAR	417597	T3483	MOPAR	472258 <sup>28</sup>	T3600	MOPAR	6808N	T3761	MOPAR	471472 <sup>28</sup>
T3327	MOPAR	416239 <sup>28</sup>	T3485	MOPAR	471195 <sup>28</sup>	T3602	MOPAR	471466 <sup>28</sup>	T3762	MOPAR	471264 <sup>28</sup>
T3328	MOPAR	416239 <sup>28</sup>	T3485	MOPAR	481195	T3603	MOPAR	471554 <sup>28</sup>	T3764	MOPAR	471652
T3334	MOPAR	JV701	T3488	MOPAR	471224 <sup>28</sup>	T3604	MOPAR	470390	T3764	MOPAR	482208 <sup>28</sup>
T3335	MOPAR	416077	T3498	MOPAR	1037	T3606	MOPAR	471689 <sup>28</sup>	T3765	MOPAR	471750 <sup>28</sup>
T3336	MOPAR	415116	T35003	TROS	415003	T3609	MOPAR	340853	T3767	MOPAR	330663
T3337	MOPAR	415124	T35003	TROS	415458 <sup>28</sup>	T3613	MOPAR	472299	T3767	MOPAR	472354 <sup>28</sup>
T3338	MOPAR	455117	T35004	TROS	417316 <sup>28</sup>	T3614	MOPAR	471419	T3768	MOPAR	472258 <sup>28</sup>
T3339	MOPAR	415317	T35009	TROS	475009N	T3614	MOPAR	473367	T3768	MOPAR	480570
T3340	MOPAR	415867	T35012	TROS	475012N	T3616	MOPAR	472185 <sup>28</sup>	T3769	MOPAR	473225 <sup>28</sup>
T3341	MOPAR	415551	T35012S	TROS	475012N	T3618	MOPAR	7186S	T3771	MOPAR	410059
T3342	MOPAR	416102	T35013	TROS	415836	T3620	MOPAR	472492 <sup>28</sup>	T3771	MOPAR	470380 <sup>28</sup>
T3343	MOPAR	417598	T35013	TROS	415995 <sup>28</sup>	T3622	MOPAR	42101S	T3772	MOPAR	8940S
T3344	MOPAR	455406 <sup>28</sup>	T35016S	TROS	415016N	T3624	MOPAR	472016 <sup>28</sup>	T3773	MOPAR	473010 <sup>28</sup>
T3345	MOPAR	455121	T35018S	TROS	415304	T3625	MOPAR	471272 <sup>28</sup>	T3774	MOPAR	473010 <sup>28</sup>
T3347	MOPAR	415656	T35018S	TROS	476470 <sup>28</sup>	T3627	MOPAR	413246N	T3775	MOPAR	450194
T3348	MOPAR	417600	T3507	MOPAR	472164 <sup>28</sup>	T3627	MOPAR	483246N	T3775	MOPAR	473010 <sup>28</sup>
T3349	MOPAR	417601	T35070	TROS	370028A	T3631	MOPAR	8975S	T3776	MOPAR	473234 <sup>28</sup>
T3350	MOPAR	417602 <sup>28</sup>	T350936	TROS	350936	T3632	MOPAR	416273	T3777	MOPAR	473234 <sup>28</sup>
T3351	MOPAR	417602 <sup>28</sup>	T35095S	TROS	416271 <sup>28</sup>	T3633	MOPAR	475003N	T3779	MOPAR	472185 <sup>28</sup>
T3352	MOPAR	417602 <sup>28</sup>	T35101	TROS	476283N	T3635	MOPAR	415007	T37799	CASE	200854
T3357	MOPAR	415124	T35101S	TROS	476283N	T3636	MOPAR	415009	T3780	MOPAR	472179
T3358	MOPAR	417022	T351071	TROS	351267	T3636	MOPAR	415960 <sup>28</sup>	T3781	MOPAR	470605 <sup>28</sup>
T335924	TROS	335924N	T351071	TROS	471267 <sup>28</sup>	T3639	MOPAR	417344 <sup>28</sup>	T3782	MOPAR	472492 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T3783	MOPAR	472394	T391	MOPAR	472810 <sup>28</sup>	T421	MOPAR	471442 <sup>28</sup>	T485921	TROS	413246N
T3784	MOPAR	472492 <sup>28</sup>	T3910	MOPAR	321460	T425	MOPAR	410119	T485921	TROS	483246N
T3785	MOPAR	450121	T3911	MOPAR	9406S	T425	MOPAR	471442 <sup>28</sup>	T486	MOPAR	7399S <sup>28</sup>
T3785	MOPAR	472409 <sup>28</sup>	T3913	MOPAR	472341 <sup>28</sup>	T42513	HYST	415003	T488	MOPAR	7188S
T3787	MOPAR	470354	T3914	MOPAR	412119 <sup>28</sup>	T42513	HYST	415458 <sup>28</sup>	T489	MOPAR	7188S
T3788	MOPAR	471341 <sup>28</sup>	T3915	MOPAR	475095N	T427	MOPAR	471442 <sup>28</sup>	T490	MOPAR	351487
T3790	MOPAR	472150	T3916	MOPAR	415098N	T428	MOPAR	240119	T492	MOPAR	340724 <sup>28</sup>
T3791	MOPAR	412119 <sup>28</sup>	T3919	MOPAR	415991 <sup>28</sup>	T429112	HYST	415482	T494	MOPAR	471466 <sup>28</sup>
T3794	MOPAR	417343 <sup>28</sup>	T3919	MOPAR	415991N	T42914	HYST	450301	T49550	TIMKE	205004
T3800	MOPAR	417351 <sup>28</sup>	T3920	MOPAR	455134 <sup>28</sup>	T42914	HYST	472397 <sup>28</sup>	T49569	TIMKE	204002
T3803	MOPAR	416047	T3921	MOPAR	455251H	T429216	HYST	415072	T49569	TMTR	200354
T3803	MOPAR	416332 <sup>28</sup>	T3922	MOPAR	8660S	T429247	HYST	416404 <sup>28</sup>	T498	MOPAR	471466 <sup>28</sup>
T3805	MOPAR	416557	T3923	MOPAR	8516N	T429250	HYST	417601	T500	MOPAR	471466 <sup>28</sup>
T3806	MOPAR	416556 <sup>28</sup>	T39278	CASE	204002	T429251	HYST	415551	T50000	MERIX	204002
T3806	MOPAR	472157	T3928	MOPAR	6712NA	T429595	HYST	472150	T50000	OLIVE	200354
T3808	MOPAR	416892 <sup>28</sup>	T3931	MOPAR	5109	T-429735	HYST	415027 <sup>28</sup>	T50000	ROCKW	204002
T3809	MOPAR	416892 <sup>28</sup>	T3932	MOPAR	5123	T-429735	HYST	455027	T50000	TIMKE	204002
T3813	MOPAR	8515N	T3936	MOPAR	5111S	T42994	HYST	416865 <sup>28</sup>	T50000	TMTR	200354
T3814	MOPAR	474278	T39419	JOHND	J1129 <sup>29</sup>	T42994	HYST	455070	T50006	TROS	471530
T3814	MOPAR	6859S	T3943	MOPAR	484058	T42995	HYST	352541	T50016	TROS	471535 <sup>28</sup>
T3815	MOPAR	8516N	T3944	MOPAR	473234 <sup>28</sup>	T432	MOPAR	471526 <sup>28</sup>	T50017	TROS	473405
T3816	MOPAR	8121S	T3946	MOPAR	8705S	T43331	HYST	415066	T50030	TROS	450030
T3817	MOPAR	6840S	T3948	MOPAR	9912	T435	MOPAR	471526 <sup>28</sup>	T50030	TROS	474253
T3819	MOPAR	40769S	T3949	MOPAR	2689S	T438	MOPAR	471472 <sup>28</sup>	T50041EXA	HARN	415034 <sup>28</sup>
T3821	MOPAR	482163 <sup>28</sup>	T3950	MOPAR	6808N	T441127	TROS	203006 <sup>28</sup>	T50041EXA	HARN	455034
T3821	MOPAR	482163N	T3951	MOPAR	9449	T441130	TROS	441130	T50044EX	HARN	415303 <sup>28</sup>
T3825	MOPAR	8935S	T3952	MOPAR	2043	T443	MOPAR	471549 <sup>28</sup>	T50051EXA	HARN	415034 <sup>28</sup>
T3827	MOPAR	470682	T3953	MOPAR	8871	T448	MOPAR	471530	T50051EXA	HARN	455034
T3828	MOPAR	9449	T3955	MOPAR	4250	T44819	HYST	415697 <sup>28</sup>	T50122	TROS	473437
T3830	MOPAR	2043	T3959	MOPAR	6808N	T44819	HYST	455547	T50188	TROS	450188
T3836	MOPAR	472747	T400	MOPAR	6863S <sup>28</sup>	T448239	HYST	416888 <sup>28</sup>	T50248	TROS	473436
T3839	MOPAR	3945	T40047	CASE	210945	T448239	HYST	455200	T50261	TROS	473466
T3859	MOPAR	6988H	T40063	TROS	7886S	T450055	TROS	473215 <sup>28</sup>	T50273	TROS	450273
T3871	MOPAR	475003N	T401	MOPAR	474277	T450061	TROS	470950 <sup>28</sup>	T50275	TROS	450275
T3877	MOPAR	416404 <sup>28</sup>	T405	MOPAR	240470	T450061	TROS	6241S	T50280	TROS	471866 <sup>28</sup>
T3878	MOPAR	416404 <sup>28</sup>	T40555S	TROS	40555	T450076	TROS	450076	T503	MOPAR	240009
T3879	MOPAR	480844	T40555S	TROS	40555S <sup>28</sup>	T450076	TROS	470334 <sup>28</sup>	T50311	TROS	450311
T3881	MOPAR	416339	T40556	TROS	471821 <sup>28</sup>	T451143	TROS	451143	T50362	TROS	450362
T3882	MOPAR	470403	T40629	TROS	340469	T451147	TROS	451147H	T50375	TROS	6936S
T3882	MOPAR	470774 <sup>28</sup>	T407	MOPAR	320457	T458	MOPAR	472705 <sup>28</sup>	T504	MOPAR	471466 <sup>28</sup>
T3883	MOPAR	8705S	T40769	TROS	40769S	T462	MOPAR	472705 <sup>28</sup>	T50431	TROS	450431
T3884	MOPAR	7937N	T40787	TROS	340787	T463	MOPAR	471281 <sup>28</sup>	T50431	TROS	471539 <sup>28</sup>
T3885	MOPAR	9128S	T409	MOPAR	470004 <sup>28</sup>	T465147	HYST	417507 <sup>28</sup>	T50457	TROS	450457
T3886	MOPAR	471255 <sup>28</sup>	T409131	HYST	450867	T465147	HYST	455513	T50485	TROS	411330N
T3887	MOPAR	470712 <sup>28</sup>	T409131	HYST	470898	T465148	HYST	417603 <sup>28</sup>	T50487	TROS	470487N
T3888	MOPAR	470898	T409163	HYST	450121	T46629	HYST	415147	T505	MOPAR	471466 <sup>28</sup>
T3889	MOPAR	8704S	T409163	HYST	472409 <sup>28</sup>	T46629	HYST	415449 <sup>28</sup>	T50524	TROS	410524
T3891	MOPAR	8773S	T409165	HYST	473475	T469	MOPAR	471535 <sup>28</sup>	T50539	TROS	414268 <sup>28</sup>
T3892	MOPAR	7687S	T409268	HYST	451948	T470441	TROS	471341 <sup>28</sup>	T50539	TROS	450539
T3893	MOPAR	9178S	T41013	TROS	7186S	T470684	TROS	8160S	T50588	TROS	450588
T3894	MOPAR	5113	T410567	TROS	471267 <sup>28</sup>	T476	MOPAR	471551 <sup>28</sup>	T506	MOPAR	240009
T3897	MOPAR	5092	T4133	GERL	470120	T478	MOPAR	471532	T50613	TROS	470120
T3900	MOPAR	9599S	T4133	GERL	471224 <sup>28</sup>	T480	MOPAR	473405	T50613	TROS	471224 <sup>28</sup>
T3902	MOPAR	417507 <sup>28</sup>	T414	MOPAR	342805	T480212	HYST	415009	T50613S	TROS	470120
T3902	MOPAR	455513	T415156	TROS	415156N	T480212	HYST	415960 <sup>28</sup>	T50613S	TROS	471224 <sup>28</sup>
T3903	MOPAR	3604	T415899	TROS	415899N	T480330	TROS	470331N	T50628	TROS	473420
T3904	MOPAR	9161	T415899	TROS	416624N	T481195	TROS	471195 <sup>28</sup>	T50634	TROS	472475
T3905	MOPAR	9569S	T415983	TROS	415983N <sup>28</sup>	T481195	TROS	481195	T50639	TROS	450639
T3906	MOPAR	473473	T41675	JOHND	J1134	T482	MOPAR	471558	T509	MOPAR	471264 <sup>28</sup>
T3908	MOPAR	9049N	T420	MOPAR	340771	T484	MOPAR	471564	T50911S	TROS	450911N <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T50966	TROS	450083	T55356	TROS	455356	T6340S	TROS	5872S	T6840	TROS	6840S
T50966	TROS	472924 <sup>2B</sup>	T55361	TROS	456865N	T63720	TROS	5095	T6842	TROS	7600S
T50988	TROS	473474	T55363	TROS	417362 <sup>2B</sup>	T63961	TROS	472951	T685	MOPAR	471267 <sup>2B</sup>
T50991S	TROS	480630 <sup>2B</sup>	T55371	TROS	370022A	T63961	TROS	474252	T6864	TROS	370023A
T50991S	TROS	480991	T55371	TROS	380022A	T641	MOPAR	450431	T6864	TROS	380023A
T510	MOPAR	471264 <sup>2B</sup>	T55380	TROS	410825	T641	MOPAR	471539 <sup>2B</sup>	T6869S	TROS	370005A
T51047S	TROS	471571	T554	MOPAR	470506 <sup>2B</sup>	T64101S	TROS	8705S	T687	MOPAR	350567
T51073S	TROS	481073	T55452	TROS	417597	T642	MOPAR	471539 <sup>2B</sup>	T687	MOPAR	471267 <sup>2B</sup>
T511	MOPAR	471264 <sup>2B</sup>	T55476	TROS	455476	T64201S	TROS	8594S	T6874S	TROS	473234 <sup>2B</sup>
T51100	TROS	471652	T55498	TROS	415498	T64202S	TROS	8660S	T6879S	TROS	6879H
T51100	TROS	482208 <sup>2B</sup>	T55511	TROS	2081	T643	MOPAR	471231 <sup>2B</sup>	T688	MOPAR	471267 <sup>2B</sup>
T51100S	TROS	471652	T55581	TROS	370023A	T64402S	TROS	8610	T689	MOPAR	351267
T51143S	TROS	451143	T55581	TROS	380023A	T64501R	TROS	6712NA	T689	MOPAR	471267 <sup>2B</sup>
T5126	TROS	416738 <sup>2B</sup>	T55718	TROS	370019A	T649	MOPAR	450030	T690	MOPAR	351267
T5126	TROS	450096	T5577	TROS	5095	T649	MOPAR	474253	T690	MOPAR	471267 <sup>2B</sup>
T515	MOPAR	471255 <sup>2B</sup>	T55963S	TROS	2218	T65	MOPAR	5095	T691	MOPAR	351267
T518	MOPAR	240023	T564	MOPAR	240735	T6508	TROS	472015 <sup>2B</sup>	T691	MOPAR	471267 <sup>2B</sup>
T52008X	DOMGA	415379	T567	MOPAR	240816	T6508S	TROS	472015 <sup>2B</sup>	T693	MOPAR	471570 <sup>2B</sup>
T5203	COC	472439	T568	MOPAR	1049	T65202	TROS	8940S	T694	MOPAR	471570 <sup>2B</sup>
T523	MOPAR	481537	T569	MOPAR	340495	T65240	TROS	8704S	T6954	TROS	6954S
T524	MOPAR	471255 <sup>2B</sup>	T576	MOPAR	470954 <sup>2B</sup>	T65261	TROS	370036A	T697	MOPAR	471570 <sup>2B</sup>
T526	MOPAR	481073	T576	MOPAR	480954	T65261	TROS	370349A	T6988S	TROS	6988H
T528	MOPAR	481397	T577	MOPAR	470954 <sup>2B</sup>	T65261	TROS	380036A	T7	MOPAR	5419
T5289	COC	416888 <sup>2B</sup>	T57707	TIMKE	450765 <sup>2B</sup>	T65262	TROS	376590A	T7006S	TROS	370006A
T5289	COC	455200	T578	MOPAR	470954 <sup>2B</sup>	T65298	TROS	370037A	T7022S	TROS	7022S
T5289	WHITE	416888 <sup>2B</sup>	T582	MOPAR	470954 <sup>2B</sup>	T65298	TROS	370338A	T7031S	TROS	473234 <sup>2B</sup>
T533	MOPAR	471529	T583	MOPAR	350954	T653	MOPAR	450588	T7041S	TROS	370012A
T535	MOPAR	8773S	T583	MOPAR	470954 <sup>2B</sup>	T65300	GEHL	6590S	T7044	TROS	7044NA
T5358	COC	471442 <sup>2B</sup>	T5846	TROS	6064	T65300	OLIVE	6590S	T708	MOPAR	471633 <sup>2B</sup>
T536	MOPAR	471538 <sup>2B</sup>	T586	MOPAR	7013S	T65300	TIMKE	6590S	T71	MOPAR	5072
T541	MOPAR	8773S	T587	MOPAR	6835S	T65340S	TROS	8695S	T710	MOPAR	471646 <sup>2B</sup>
T542	MOPAR	450025	T588	MOPAR	350679	T65360S	TROS	7687S	T714	MOPAR	471646 <sup>2B</sup>
T542	MOPAR	471553 <sup>2B</sup>	T588	MOPAR	470954 <sup>2B</sup>	T65501S	TROS	9449	T7142S	TROS	200110
T54255	CASE	473239 <sup>2B</sup>	T589	MOPAR	480821 <sup>2B</sup>	T6564S	TROS	415147	T72	MOPAR	5092
T54429	CASE	204027	T591	MOPAR	471554 <sup>2B</sup>	T6564S	TROS	415449 <sup>2B</sup>	T720	MOPAR	470590
T547	MOPAR	471579	T5919S	TROS	204002	T657	MOPAR	471645	T724	MOPAR	471137
T55031	MECH	370012A	T593	MOPAR	471554 <sup>2B</sup>	T660	MOPAR	471686	T725	MOPAR	471730
T55049	TROS	416892 <sup>2B</sup>	T5935	TROS	473463	T662	MOPAR	473412	T726	MOPAR	470645
T55051	TROS	415371	T5961	TROS	370036A	T6638	TROS	370001A	T7376	TROS	370003A
T55052	TROS	415284	T5961	TROS	370349A	T6638	TROS	380001A	T7376	TROS	380003A
T55052S	TROS	415284	T5961	TROS	380036A	T6646S	TROS	9613S	T7378	TROS	370006A
T55054	TROS	417223	T59760S	TROS	335924N	T6656	TROS	7300S	T738	MOPAR	340787
T55060	TROS	370019A	T600	MOPAR	481443 <sup>2B</sup>	T6656S	TROS	473234 <sup>2B</sup>	T7383S	TROS	321460
T55062	TROS	370021A	T6027	TROS	471316	T6666397	CHRYSLER	710196	T739	MOPAR	471571
T55064	TROS	370021A	T603	MOPAR	471567 <sup>2B</sup>	T668	MOPAR	473414	T742	MOPAR	471571
T55075	TROS	416476 <sup>2B</sup>	T6040	TROS	415899N	T6693S	TROS	470605 <sup>2B</sup>	T743	MOPAR	471647
T55075	TROS	455075	T6040	TROS	416624N	T6696	TROS	417355 <sup>2B</sup>	T745	MOPAR	471647
T55124	TROS	415124	T606	MOPAR	471567 <sup>2B</sup>	T6711	TROS	205004	T7452S	TROS	370019A
T55128	TROS	415128	T6094	TROS	410316	T6712S	TROS	6712NA	T7453S	TROS	370021A
T55129	TROS	455129	T6094	TROS	472636 <sup>2B</sup>	T673	MOPAR	473414	T7457	TROS	7457N
T55158	MECH	370066A	T614	MOPAR	471498	T6755	TROS	370022A	T746	MOPAR	472951
T55172S	TROS	416047	T619	MOPAR	471684 <sup>2B</sup>	T6755	TROS	380022A	T746	MOPAR	474252
T55172S	TROS	416332 <sup>2B</sup>	T619	MOPAR	471698	T676	MOPAR	473415	T7487	TROS	7994S
T55188	TROS	370033A	T62701	TROS	482041N	T677	MOPAR	240733	T75	MOPAR	5591
T55189	TROS	455189	T628	MOPAR	481443 <sup>2B</sup>	T679	MOPAR	5976S	T750	MOPAR	450039
T55197	TROS	455197N	T63035	TROS	470351	T680	MOPAR	340483	T756	MOPAR	451583 <sup>2B</sup>
T55232	TROS	416153 <sup>2B</sup>	T631	MOPAR	481568 <sup>2B</sup>	T6808	TROS	6808N	T758	MOPAR	471648
T55234	TROS	415234 <sup>2B</sup>	T63201S	TROS	8477S	T681	MOPAR	7014S	T759	MOPAR	8059S
T55251	TROS	455251H	T6337S	TROS	473435	T682	MOPAR	340413	T761	MOPAR	471688
T55251S	TROS	455251H	T634	MOPAR	481644	T684	MOPAR	353132	T762	MOPAR	450040

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
T763	MOPAR	450040	T86E-54-S	BORGW	482208 <sup>28</sup>	T9455	COC	450185	TBAF4676A	FORD	6808N
T767	MOPAR	240731	T874	MOPAR	450043	T9455	COC	473229	TC130069	MARMO	417507 <sup>28</sup>
T769	MOPAR	441130	T874	MOPAR	473419	T9467	COC	470163	TC130069	MARMO	455513
T771	MOPAR	350414	T876	MOPAR	471735	T9467	COC	471766 <sup>28</sup>	TC238	FABCO	471267 <sup>28</sup>
T771	MOPAR	472311 <sup>28</sup>	T879	MOPAR	471762 <sup>28</sup>	T948	MOPAR	471785 <sup>28</sup>	TC251	FABCO	470027
T773	MOPAR	240414	T87E110	BORGW	473313 <sup>28</sup>	T949	MOPAR	481792	TC251	FABCO	471554 <sup>28</sup>
T774	MOPAR	350414	T87F-54	BORGW	472258 <sup>28</sup>	T9498	COC	340495	TC284	FABCO	473474
T774	MOPAR	472311 <sup>28</sup>	T881	MOPAR	473420	T950	MOPAR	450604	TC422	FABCO	413247 <sup>28</sup>
T775	MOPAR	470120	T88108A	BORGW	471466 <sup>28</sup>	T9505	COC	472287 <sup>28</sup>	TC422	FABCO	450350
T775	MOPAR	471224 <sup>28</sup>	T890	MOPAR	340815	T95110	BORGW	472015 <sup>28</sup>	TC5136A	GW	417584
T776	MOPAR	5857	T892	MOPAR	240151	T95147	TROS	415147	TC523	FABCO	353132
T-77612081	HYST	417350 <sup>28</sup>	T893	MOPAR	472560N <sup>28</sup>	T95147	TROS	415449 <sup>28</sup>	TC8513	LETN	455006N
T-77612081	HYST	455479	T893	MOPAR	50151S	T95177	TROS	415379	TCA1175	FORD	415960 <sup>28</sup>
T776210-3	HYST	415294 <sup>28</sup>	T894	MOPAR	340151	T955	MOPAR	450430	TCA1175	FORD	455009
T7769S	TROS	6241S	T896	MOPAR	471652	T9554	COC	450291	TCAA1175A	FORD	415960 <sup>28</sup>
T777	MOPAR	471224 <sup>28</sup>	T897	MOPAR	471652	T9554	COC	471141 <sup>28</sup>	TCAA1175A	FORD	455009
T779	MOPAR	340120	T89B-108	WARNR	7399S	T957	MOPAR	474260	TCAA1175A1	FORD	415960 <sup>28</sup>
T782	MOPAR	471224 <sup>28</sup>	T89B110A	BORGW	471341 <sup>28</sup>	T95701	TROS	415836	TCAA1175A1	FORD	455009
T784	MOPAR	471224 <sup>28</sup>	T89C54	BORGW	7412S	T95701	TROS	415995 <sup>28</sup>	TCAA4676A	FORD	470308N
T786	MOPAR	6847S	T900	MOPAR	470189	T95705	TROS	415836	TCAK1190	FORD	6954S
T787	MOPAR	471270 <sup>28</sup>	T900	MOPAR	471692 <sup>28</sup>	T95705	TROS	415995 <sup>28</sup>	TCAK1190A	FORD	6954S
T791	MOPAR	470219	T904	MOPAR	204020	T959	MOPAR	471736	TC-M446	ALLCH	415437 <sup>28</sup>
T791	MOPAR	471649 <sup>28</sup>	T904	MOPAR	204505 <sup>28</sup>	T961106	BORGW	471344	TC-M446	ALLCH	455173
T792	MOPAR	471649 <sup>28</sup>	T906	MOPAR	204020	T96110J	BORGW	471344	TCSJ1227	TREME	710431
T800	MOPAR	471689 <sup>28</sup>	T906	MOPAR	204505 <sup>28</sup>	T96110L	BORGW	471344	TCSJ1428	TREME	7412S
T803	MOPAR	471689 <sup>28</sup>	T907	MOPAR	470530 <sup>28</sup>	T966	MOPAR	450161	TCSJ2122	TREME	710802
T806	MOPAR	471689 <sup>28</sup>	T908	MOPAR	476838 <sup>28</sup>	T966	MOPAR	471764 <sup>28</sup>	TCSJ2136	TREME	221410
T808	MOPAR	40230S	T90A108	BORGW	340797	T968	MOPAR	451182	TD105598	CHRYS	5857
T809	MOPAR	203005 <sup>28</sup>	T90A54A	BORGW	5MR1300	T969	MOPAR	473427	TD108629	CHRYS	415004
T809	MOPAR	205005	T90C54	BORGW	350414	T979	MOPAR	470328	TD108629	CHRYS	417316 <sup>28</sup>
T810	MOPAR	203005 <sup>28</sup>	T90C54	BORGW	472311 <sup>28</sup>	T979	MOPAR	481213 <sup>28</sup>	TD1592	CHRYS	340413
T811	MOPAR	204005	T9110	BORGW	410308 <sup>28</sup>	T981	MOPAR	473203	TD256	LETN	471341 <sup>28</sup>
T8121	TROS	8121S	T9110	BORGW	450308	T983	MOPAR	483054N	TD339	LETN	415066
T815	MOPAR	450593 <sup>28</sup>	T9110A	BORGW	473463	T984	MOPAR	472475	TDAA1175A	FORD	416297
T818	MOPAR	240457	T914	MOPAR	476838 <sup>28</sup>	T986	MOPAR	473426	TDAA1175A1	FORD	416297
T8181	TROS	8181NA	T915	MOPAR	470045	T987	MOPAR	473426	TDAA1175A3	FORD	416297
T819	MOPAR	450593 <sup>28</sup>	T915	MOPAR	476838 <sup>28</sup>	T989	MOPAR	471765 <sup>28</sup>	TDAA1175B	FORD	416297
T822	MOPAR	471733	T920	MOPAR	470712 <sup>28</sup>	T990	MOPAR	471765 <sup>28</sup>	TDAA1175C	FORD	416297
T825	MOPAR	240462	T926	MOPAR	470712 <sup>28</sup>	T996	MOPAR	40162S	TDBA1190	FORD	44052
T826	MOPAR	471744 <sup>28</sup>	T927	MOPAR	470712 <sup>28</sup>	T997	MOPAR	471765 <sup>28</sup>	TDM112	ALLCH	415027 <sup>28</sup>
T828	MOPAR	471760	T9287	COC	470045	T998	GERL	455019 <sup>28</sup>	TDM112	ALLCH	455027
T829	MOPAR	471760	T9287	COC	476838 <sup>28</sup>	T998	MOPAR	40576S	TDM137	ALLCH	415995 <sup>28</sup>
T832	MOPAR	40157S	T9296	COC	470806	T9B110	BORGW	473447	TDM137	ALLCH	455013
T833	MOPAR	471760	T930	MOPAR	203003	TA154	MINNM	450118	TE1301	HARN	473245 <sup>28</sup>
T834	MOPAR	453165	T93110	BORGW	450365	TA154	MINNM	473449	TE13010	HARN	417497
T834	MOPAR	471619 <sup>28</sup>	T93110	BORGW	470898 <sup>28</sup>	TAAK1190	FORD	44053	TE13011	HARN	417357
T842	MOPAR	481650	T932	MOPAR	205004	TABAJ77918AB	FORD	415004	TE13011	HARN	455192 <sup>28</sup>
T8528	COC	471192	T933	MOPAR	203003	TABAJ77918AB	FORD	417316 <sup>28</sup>	TE13012	HARN	417513
T853	MOPAR	480210 <sup>28</sup>	T934	MOPAR	6832S	TACA7828A	FORD	471570 <sup>28</sup>	TE13013	HARN	455197N
T858	MOPAR	9376	T9364	COC	417158 <sup>28</sup>	TACA7828S	FORD	471570 <sup>28</sup>	TE13014	HARN	415196 <sup>28</sup>
T859	MOPAR	450188	T9364	COC	455355	TAJAA1175A	FORD	370021A	TE13015	HARN	415047
T85B-54	BORGW	5872S	T938	MOPAR	471747 <sup>28</sup>	TAJAA1175B	FORD	370021A	TE13016	HARN	472144 <sup>28</sup>
T85D110A	BORGW	7038SA	T938	MOPAR	472674	TAJAA1175B	FORD	415351 <sup>28</sup>	TE1302	HARN	415007
T861	MOPAR	471651	T939	MOPAR	471763	TAKAA1175A	FORD	370004A	TE1303	HARN	455151
T865	MOPAR	470606 <sup>28</sup>	T94108	BORGW	472560N <sup>28</sup>	TAKAA1190A	FORD	416130 <sup>28</sup>	TE1304	HARN	417316 <sup>28</sup>
T867366337	GE	350364	T94108	BORGW	50151S	TAKAA4676A	FORD	476283N	TE1304	HARN	455004
T869	MOPAR	471705 <sup>28</sup>	T94109	BORGW	472560N <sup>28</sup>	TB7106	FUNK	471192	TE1305	HARN	417490
T86E110A	BORGW	9613S	T94109	BORGW	50151S	TBAA4676A	FORD	451078 <sup>28</sup>	TE1306	HARN	417191
T86E54E	BORGW	470712 <sup>28</sup>	T942	MOPAR	471763	TBAA7048	FORD	410308 <sup>28</sup>	TE1306	HARN	455165 <sup>28</sup>
T86E-54-S	BORGW	471652	T943	MOPAR	471763	TBAA7048A	FORD	410308 <sup>28</sup>	TE1307	HARN	417196 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
TE1308	HARN	415027 <sup>2B</sup>	TM545	HU-WR	416888 <sup>2B</sup>	TR1016	MECH	386025A	TRS-007	FORSH	710455
TE1308	HARN	455027	TM545	HU-WR	455200	TR1017	MECH	370025A	TS240U5	NORDG	450361
TE1309	HARN	415711	TM546	HU-WR	416125 <sup>2B</sup>	TR1017	MECH	380025A	TS240U5	NORDG	472193 <sup>2B</sup>
TE237	FABCO	473473	TO1190	CROSL	6336S	TR1017	MECH	386025A	TS700011	FUNK	450444
TEAA4676A	FORD	410737 <sup>2B</sup>	TO1190	MASSE	6336S	TR1019	MECH	370036A	TS700011	FUNK	471835 <sup>2B</sup>
TEAN1144A	FORD	5487	TO-14	ATP	8935S	TR1019	MECH	370349A	TTSJ1730	TREME	7412S
TEAN1174A	FORD	5487 <sup>30</sup>	TO-15	ATP	8609	TR1019	MECH	380036A	TUAA1175A	FORD	415060
TEAN1174B	FORD	5487 <sup>30</sup>	TO-2	ATP	330663	TR1020	MECH	370036A	TUAA1190	FORD	370001A
TEAN1175B	FORD	455858	TO-2	ATP	472354 <sup>2B</sup>	TR1020	MECH	370349A	TUAA1190	FORD	380001A
TEAN1175C	FORD	455858	TO24	ATP	2506	TR1020	MECH	380036A	TUAY1190A	FORD	370001A
TEAN1175D	FORD	455858	TO-28	ATP	3459	TR1021	MECH	370036A	TUAY1190A	FORD	380001A
TEAN1181B	FORD	5487	TO-35	ATP	320583	TR1021	MECH	370349A	TUAY1190A	FORD	6638S
TEAN1181C	FORD	5487	TO-36	ATP	710396	TR1021	MECH	380036A	TUW248-216-4	TROS	710041
TEAN1181D	FORD	5487	TO3670	MASSE	473423	TR1023	MECH	370036A	TVAA4463A	FORD	470565 <sup>2B</sup>
TF1519	AU-WS	417171 <sup>2B</sup>	TO-4	ATP	331228H	TR1023	MECH	370349A	TVAA4478A	FORD	410737 <sup>2B</sup>
TF7198	LETN	470565 <sup>2B</sup>	TO-40	ATP	8609	TR1023	MECH	380036A	TVAA4478A	FORD	450737
TFAA3591A	FORD	6597S	TO4251	MASSE	417316 <sup>2B</sup>	TR1024	MECH	370036A	TVAA4676A	FORD	410987 <sup>2B</sup>
TG17520015	FORSH	175X200X15	TO-50	ATP	4748N	TR1024	MECH	370349A	TVAA4676A	FORD	450686
TG19327	FORSH	19X32X8	TO-51	ATP	4738N	TR1024	MECH	380036A	TVAA77918A2	FORD	415449 <sup>2B</sup>
TG365610	FORSH	36X56X10	TO-54	ATP	3459	TR1025	MECH	370036A	TVAA77918A2	FORD	455147
TG458510	FORSH	45X85X10	TO-55	ATP	3459	TR1025	MECH	370349A	TVAA77918A3	FORD	415449 <sup>2B</sup>
TG7010513	FORSH	70X105X13	TO-56	ATP	4370N	TR1025	MECH	380036A	TVAA77918A3	FORD	455147
TG9364	COC	417316 <sup>2B</sup>	TO-58	ATP	710058	TR15RK	MECH	370025A	TVAA77952A	FORD	351267
TG9431	COC	417205 <sup>2B</sup>	TO-59	ATP	710627	TR15RK	MECH	380025A	TVAA77952A	FORD	471267 <sup>2B</sup>
TG9856	COC	416706 <sup>2B</sup>	TO-60	ATP	100796	TR15RK	MECH	386025A	TVCE77918A	FORD	415449 <sup>2B</sup>
TG9856	COC	455272	TO-62	ATP	224250	TR41M91723	CINMI	450067	TVCE77918A	FORD	455147
TKR847	TIMKE	370001A	TO-63	ATP	710747	TR41M91723	CINMI	473228	TW1029U	NORDG	411245 <sup>2B</sup>
TKR847	TIMKE	380001A	TO-65	ATP	710259	TR4RK	MECH	370065A	TW1029U	NORDG	455096
TKR848	TIMKE	370024A	TO-66	ATP	223543	TR4RK	MECH	376590A	TX101	COTTA	471466 <sup>2B</sup>
TKR849	TIMKE	370023A	TO-67	ATP	710978	TR4RK	MECH	380065A	TX103	COTTA	471554 <sup>2B</sup>
TKR849	TIMKE	380023A	TO-70	ATP	710928	TR5RK	MECH	370065A	TX105	COTTA	471137
TKR850	TIMKE	370036A	TO703	MASSE	471829	TR5RK	MECH	376590A	TX106	COTTA	450040
TKR850	TIMKE	380036A	TO7052	MASSE	5872S	TR5RK	MECH	380065A	TX107	COTTA	471649 <sup>2B</sup>
TKR851	TIMKE	370065A	TO-72	ATP	710557	TR7RK	MECH	370036A	TX108	COTTA	450593 <sup>2B</sup>
TKR851	TIMKE	376590A	TO-73	ATP	7300S	TR7RK	MECH	370349A	TX109	COTTA	476838 <sup>2B</sup>
TKR851	TIMKE	380065A	TO749	MASSE	470169	TR7RK	MECH	380036A	TX110	COTTA	473205 <sup>2B</sup>
TKR852	TIMKE	370031A	TO749	MASSE	473214	TR8495	LETN	416865 <sup>2B</sup>	TX111	COTTA	471750 <sup>2B</sup>
TKR852	TIMKE	380031A	TO750	MASSE	473236 <sup>2B</sup>	TR8495	LETN	455070	TX114	COTTA	471795
TKR853	TIMKE	370037A	TO-8	ATP	331227H	TR9RK	MECH	370037A	TX115	COTTA	471762 <sup>2B</sup>
TKR854	TIMKE	370019A	TO-9	ATP	8160S	TR9RK	MECH	370338A	TX117	COTTA	473215 <sup>2B</sup>
TKR855	TIMKE	370124A	TP3185	OLIVE	204002	TRAA1175A	FORD	415857 <sup>2B</sup>	TX118	COTTA	470950 <sup>2B</sup>
TKR856	TIMKE	370022A	TR1004	MECH	370065A	TRC7006	FUNK	471869	TX118	COTTA	6241S
TKR856	TIMKE	380022A	TR1004	MECH	376590A	TRC7006	FUNK	473459	TX122	COTTA	470077
TKR857	TIMKE	370131A	TR1004	MECH	380065A	TRC70062	FUNK	471869	TX122	COTTA	474281 <sup>2B</sup>
TKR857	TIMKE	380131A	TR1005	MECH	370065A	TRC70062	FUNK	473459	TX123	COTTA	471821 <sup>2B</sup>
TKR858	TIMKE	370021A	TR1005	MECH	376590A	TRC7116	FUNK	471192	TX124	COTTA	471419
TKR859	TIMKE	370025A	TR1005	MECH	380065A	TRC71164	FUNK	6936S <sup>2B</sup>	TX124	COTTA	473367 <sup>2B</sup>
TKR859	TIMKE	380025A	TR1007	MECH	370036A	TRC71164	FUNK	9845	TX125	COTTA	472185 <sup>2B</sup>
TKR860	TIMKE	370005A	TR1007	MECH	370349A	TRE5045	MECH	370065A	TX126	COTTA	450076
TKR861	TIMKE	370003A	TR1007	MECH	380036A	TRE5045	MECH	376590A	TX126	COTTA	470334 <sup>2B</sup>
TKR861	TIMKE	380003A	TR1009	MECH	370037A	TRE5045	MECH	380065A	TX127	COTTA	473447
TKR863	TIMKE	370048A	TR1009	MECH	370338A	TRE5047	MECH	370036A	TX128	COTTA	472924 <sup>2B</sup>
TKR863	TIMKE	380048A	TR1010	HU-WR	416892 <sup>2B</sup>	TRE5047	MECH	370349A	TX129	COTTA	450084 <sup>2B</sup>
TM1469	HEIL	471532	TR1015	HU-WR	415035 <sup>2B</sup>	TRE5047	MECH	380036A	TX130	COTTA	450301
TM1960	AVCO	415458 <sup>2B</sup>	TR1015	HU-WR	455035	TRE5049	MECH	370037A	TX130	COTTA	472397 <sup>2B</sup>
TM1960	AVCO	455003	TR1015	MECH	370025A	TRE5049	MECH	370338A	TX131	COTTA	410102
TM1960	MINNM	415458 <sup>2B</sup>	TR1015	MECH	380025A	TRE5055	MECH	370025A	TX132	COTTA	472015 <sup>2B</sup>
TM1960	MINNM	455003	TR1015	MECH	386025A	TRE5055	MECH	380025A	TX133	COTTA	413469 <sup>2B</sup>
TM527	HU-WR	415645 <sup>2B</sup>	TR1016	MECH	370025A	TRE5055	MECH	386025A	TX134	COTTA	411253 <sup>2B</sup>
TM527	HU-WR	455104	TR1016	MECH	380025A	TRS-005	FORSH	710414	TX134	COTTA	450099

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
TX136	COTTA	412119 <sup>28</sup>	TX289	COTTA	416288 <sup>28</sup>	TX359	COTTA	471272 <sup>28</sup>	TX430	COTTA	450084 <sup>28</sup>
TX136	COTTA	450101	TX291	COTTA	450316	TX363	KEN	415991 <sup>28</sup>	TX441	COTTA	417351 <sup>28</sup>
TX139	COTTA	415147	TX291	COTTA	472636 <sup>28</sup>	TX363	KEN	415991N	TX441	COTTA	455154
TX139	COTTA	415449 <sup>28</sup>	TX292	COTTA	415035 <sup>28</sup>	TX363	PACIF	415991 <sup>28</sup>	TX444	COTTA	416167 <sup>28</sup>
TX140	COTTA	415001 <sup>28</sup>	TX292	COTTA	455035	TX363	PACIF	415991N	TX444	COTTA	455091
TX140	COTTA	455001	TX293	COTTA	415007	TX366	COTTA	415147	TX445	COTTA	416229
TX141	COTTA	415458 <sup>28</sup>	TX294	COTTA	415995 <sup>28</sup>	TX366	COTTA	415449 <sup>28</sup>	TX446	COTTA	415138 <sup>28</sup>
TX141	COTTA	455003	TX294	COTTA	455013	TX367	COTTA	417316 <sup>28</sup>	TX448	COTTA	415009
TX142	COTTA	415007	TX295	COTTA	471272 <sup>28</sup>	TX367	COTTA	455004	TX448	COTTA	415960 <sup>28</sup>
TX143	COTTA	417316 <sup>28</sup>	TX298	COTTA	470380 <sup>28</sup>	TX368	COTTA	416654 <sup>28</sup>	TX449	COTTA	415449 <sup>28</sup>
TX143	COTTA	455004	TX299	COTTA	416047	TX368	COTTA	455012	TX449	COTTA	455147
TX144	COTTA	415960 <sup>28</sup>	TX299	COTTA	416332 <sup>28</sup>	TX369	COTTA	415725 <sup>28</sup>	TX450	COTTA	417269 <sup>28</sup>
TX144	COTTA	455009	TX300	COTTA	471820	TX371	COTTA	415379 <sup>28</sup>	TX451	COTTA	455186
TX145	COTTA	415960 <sup>28</sup>	TX301	COTTA	415001 <sup>28</sup>	TX371	COTTA	455379	TX452	COTTA	472144 <sup>28</sup>
TX145	COTTA	455009	TX301	COTTA	455001	TX373	COTTA	473179 <sup>28</sup>	TX454	COTTA	417254
TX146	COTTA	415995 <sup>28</sup>	TX302	COTTA	476838 <sup>28</sup>	TX374	COTTA	416288 <sup>28</sup>	TX456	COTTA	473237 <sup>28</sup>
TX146	COTTA	455013	TX303	COTTA	450291	TX376	COTTA	415013	TX457	COTTA	412027
TX147	COTTA	417488 <sup>28</sup>	TX303	COTTA	471141 <sup>28</sup>	TX376	COTTA	415995 <sup>28</sup>	TX458	COTTA	415294 <sup>28</sup>
TX149	COTTA	417171 <sup>28</sup>	TX304	COTTA	471276	TX377	COTTA	416288 <sup>28</sup>	TX459	COTTA	472492 <sup>28</sup>
TX150	COTTA	417171 <sup>28</sup>	TX305	COTTA	470169	TX378	COTTA	415086N	TX460	COTTA	417357
TX151	COTTA	455018	TX305	COTTA	473214 <sup>28</sup>	TX378	COTTA	417487 <sup>28</sup>	TX460	COTTA	455192 <sup>28</sup>
TX151	COTTA	476470	TX307	COTTA	415021	TX379	COTTA	476470	TX462	COTTA	415035 <sup>28</sup>
TX152	COTTA	415137 <sup>28</sup>	TX308	COTTA	416271 <sup>28</sup>	TX380	COTTA	471267 <sup>28</sup>	TX462	COTTA	415953
TX152	COTTA	418028	TX309	COTTA	450400	TX381	COTTA	411376 <sup>28</sup>	TX464	COTTA	470380 <sup>28</sup>
TX153	COTTA	415023	TX310	COTTA	450519	TX382	COTTA	412473 <sup>28</sup>	TX467	COTTA	415041
TX154	COTTA	415025	TX310	COTTA	471271 <sup>28</sup>	TX382	COTTA	415894	TX468	COTTA	415371
TX155	COTTA	415991	TX314	COTTA	415281N	TX383	COTTA	417171 <sup>28</sup>	TX469	COTTA	415138 <sup>28</sup>
TX155	COTTA	455146 <sup>28</sup>	TX315	COTTA	416664 <sup>28</sup>	TX388	COTTA	415004	TX472	COTTA	470565 <sup>28</sup>
TX155	HARN	415991	TX315	COTTA	455364	TX388	COTTA	417316 <sup>28</sup>	TX476	COTTA	473474
TX155	HARN	455146 <sup>28</sup>	TX316	COTTA	415984 <sup>28</sup>	TX389	COTTA	410519	TX479	COTTA	416345 <sup>28</sup>
TX156	COTTA	415991 <sup>28</sup>	TX318	COTTA	415302	TX389	COTTA	471271 <sup>28</sup>	TX479	COTTA	455033
TX156	COTTA	415991N	TX321	COTTA	415991 <sup>28</sup>	TX390	COTTA	472397 <sup>28</sup>	TX481	COTTA	471341 <sup>28</sup>
TX157	COTTA	415027 <sup>28</sup>	TX321	COTTA	415991N	TX392	COTTA	415072	TX482	COTTA	473466
TX157	COTTA	455027	TX326	COTTA	471984	TX395	COTTA	472705 <sup>28</sup>	TX483	COTTA	416921 <sup>28</sup>
TX159	COTTA	417205 <sup>28</sup>	TX327	COTTA	415086N	TX398	COTTA	412119 <sup>28</sup>	TX483	COTTA	455011
TX160	COTTA	415034 <sup>28</sup>	TX327	COTTA	417487 <sup>28</sup>	TX399	COTTA	450519	TX485	COTTA	470954 <sup>28</sup>
TX160	COTTA	455034	TX328	COTTA	417487	TX399	COTTA	471271 <sup>28</sup>	TX485	COTTA	480954
TX161	COTTA	415036	TX328	COTTA	455014	TX401	COTTA	415088 <sup>28</sup>	TX489	COTTA	415060
TX162	COTTA	415047	TX334	COTTA	470898	TX401	COTTA	455088	TX494	COTTA	417351 <sup>28</sup>
TX163	COTTA	415991 <sup>28</sup>	TX337	COTTA	470074	TX403	COTTA	472164 <sup>28</sup>	TX494	COTTA	455154
TX163	COTTA	415991N	TX337	COTTA	474265	TX404	COTTA	470605 <sup>28</sup>	TX498	COTTA	415725 <sup>28</sup>
TX164	COTTA	417538	TX338	COTTA	416706 <sup>28</sup>	TX406	COTTA	416888 <sup>28</sup>	TX500	COTTA	417247 <sup>28</sup>
TX165	COTTA	417269 <sup>28</sup>	TX338	COTTA	455272	TX408	COTTA	455123	TX501	COTTA	416288 <sup>28</sup>
TX166	COTTA	415072	TX339	COTTA	416865 <sup>28</sup>	TX409	COTTA	415088	TX502	COTTA	415035 <sup>28</sup>
TX168	COTTA	416654 <sup>28</sup>	TX340	COTTA	416865 <sup>28</sup>	TX410	COTTA	416125 <sup>28</sup>	TX502	COTTA	415953
TX168	COTTA	455012	TX340	COTTA	455070	TX411	COTTA	240735	TX503	COTTA	416339
TX172	COTTA	473225 <sup>28</sup>	TX341	COTTA	415082	TX412	COTTA	455655 <sup>28</sup>	TX503	COTTA	455031 <sup>28</sup>
TX274	COTTA	416271 <sup>28</sup>	TX342	COTTA	411253 <sup>28</sup>	TX413	COTTA	455035N	TX504	COTTA	417316 <sup>28</sup>
TX275	COTTA	415449 <sup>28</sup>	TX342	COTTA	450099	TX414	PACIF	482576N	TX504	COTTA	455004
TX275	COTTA	455147	TX343	COTTA	470605 <sup>28</sup>	TX416	COTTA	417082	TX507	COTTA	417191
TX277	COTTA	473258 <sup>28</sup>	TX345	COTTA	416865 <sup>28</sup>	TX419	COTTA	412920 <sup>28</sup>	TX510	COTTA	417172
TX278	COTTA	416892 <sup>28</sup>	TX348	COTTA	481864	TX419	COTTA	450132	TX511	COTTA	415991
TX281	COTTA	472179	TX349	COTTA	473225	TX420	COTTA	417316 <sup>28</sup>	TX511	COTTA	455146 <sup>28</sup>
TX283	COTTA	476470	TX351	COTTA	450275	TX420	COTTA	455004	TX514	COTTA	415013
TX284	COTTA	417355 <sup>28</sup>	TX352	COTTA	470351	TX421	COTTA	416404 <sup>28</sup>	TX514	COTTA	415995 <sup>28</sup>
TX285	COTTA	416891 <sup>28</sup>	TX355	COTTA	415304	TX426	COTTA	455195	TX526	COTTA	472164 <sup>28</sup>
TX286	COTTA	455024	TX355	COTTA	476470 <sup>28</sup>	TX426	COTTA	472157 <sup>28</sup>	TX52759	JOHND	450085
TX287	COTTA	415991	TX357	COTTA	416888 <sup>28</sup>	TX428	COTTA	450441	TX52759	JOHND	470530 <sup>28</sup>
TX287	COTTA	455146 <sup>28</sup>	TX357	COTTA	455200	TX428	COTTA	471341 <sup>28</sup>	TX529	COTTA	471413 <sup>28</sup>
TX288	COTTA	455197N	TX359	COTTA	410520	TX429	COTTA	415150 <sup>28</sup>	TX52906	JOHND	417343 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
TX550	COTTA	410312N	U49-8351	LAZOR	223540	UA0071E	NOK	456618	UB0368E	NOK	470351
TX558	COTTA	416444	U49-8378	LAZOR	224250	UA0071E0	NOK	456618	UB0368E	NOK	471504 <sup>28,29</sup>
TX559	COTTA	415379 <sup>28</sup>	U49-8408	LAZOR	223010	UA0072E	NOK	415060	UB0368E0	NOK	470351
TX559	COTTA	455379	U49-8416	LAZOR	3771	UA0072E0	NOK	415060	UB0368E0	NOK	471504 <sup>28,29</sup>
TX561	COTTA	416271 <sup>28</sup>	U49-8424	LAZOR	223035	UA0073E	NOK	417530	UB0372E	NOK	352354
TX562	COTTA	450070	U49-8432	LAZOR	224025	UA0073E0	NOK	417530	UB0372E	NOK	472354 <sup>28</sup>
TX562	COTTA	472185 <sup>28</sup>	U49-8556	LAZOR	3476	UA0074E	NOK	417507	UB0372E0	NOK	352354
TX567	COTTA	470898	U49-8556	LAZOR	710310	UA0074E0	NOK	417507	UB0372E0	NOK	472354 <sup>28</sup>
TX570	COTTA	471192	U49-9021	LAZOR	224250	UA0078E	NOK	415958	UB0441E	NOK	710202
TX571	COTTA	412920 <sup>28</sup>	U49-9056	LAZOR	224520	UA0078E0	NOK	415958	UB0441-E0	NOK	710202
TX572	COTTA	471138 <sup>28</sup>	U503	CALSO	472164 <sup>28</sup>	UA0080E	NOK	415983	UB0452E	NOK	6712NA
TX603	COTTA	472164 <sup>28</sup>	U81-8321	LAZOR	224462	UA0080E	NOK	415983N	UB0452E0	NOK	6712NA
TX657	COTTA	470898	U81-8496	LAZOR	239146	UA0080E0	NOK	415983	UB0498E	NOK	343099
TX660	COTTA	415483	U81-8500	LAZOR	1176	UA0080E0	NOK	415983N <sup>28</sup>	UB0498E0	NOK	343099
TX684	COTTA	472016 <sup>28</sup>	U81-8518	LAZOR	223014	UA0083E	NOK	470764	UB0499E	NOK	471539 <sup>28</sup>
TX685	COTTA	472164 <sup>28</sup>	U81-8534	LAZOR	224462	UA0083E0	NOK	470764 <sup>28</sup>	UB0499E0	NOK	471539 <sup>28</sup>
TX7563	MASSE	450301	U818542	LAZOR	1012N	UA0085E	NOK	455019	UB0501E	NOK	7013S
TX7563	MASSE	472397 <sup>28</sup>	U81-8550	LAZOR	473238 <sup>28</sup>	UA0085E0	NOK	455019 <sup>28</sup>	UB0501E0	NOK	7013S
TXA28610	MASSE	340724 <sup>28</sup>	U81-8550	LAZOR	9912	UA0089E	NOK	413469	UB0547E	NOK	482163
TZB000110	ROVER	710780	U81-8569	LAZOR	224820	UA0089E0	NOK	413469 <sup>28</sup>	UB0547-E0	NOK	482163
TZB100080	ROVER	350609	U81-8577	LAZOR	1208	UA0091E	NOK	417548	UB0555E	NOK	710241
TZB500010	ROVER	710486	U81-8585	LAZOR	225010	UA0091E0	NOK	417548	UB0555-E0	NOK	710241
TZB500030	ROVER	710484	U81-8593	LAZOR	1960	UA0123E	NOK	412943	UB1	JOHND	471646 <sup>28</sup>
TZB500080	ROVER	710714	U81-8615	LAZOR	226020	UA0123E0	NOK	412943	UB124	WHITE	415035 <sup>28</sup>
U11243	IH	471137	U81-8631	LAZOR	1174	UA0160E	NOK	6638S	UB124	WHITE	455035
U1227	ALLCH	415007	U81-8640	LAZOR	1217	UA0160E0	NOK	6638S	UB40-26-154	MAZDA	223550
U12688	JOHND	416345 <sup>28</sup>	U81-8658	LAZOR	482126	UA0220E	NOK	311189	UB40-26-157	MAZDA	1994
U12688	JOHND	455033	U81-8666	LAZOR	1962	UA0220E0	NOK	311189	UB40-49-154	MAZDA	223542
U14264	JOHND	472164 <sup>28</sup>	U81-8666	LAZOR	224015	UA0504E	NOK	35949N	UC0159E	NOK	7412S
U14488	JOHND	412920 <sup>28</sup>	U81-8720	LAZOR	226520	UA0504E0	NOK	35949N	UC0159G	NOK	7412S
U14488	JOHND	450132	U81-8747	LAZOR	473234 <sup>28</sup>	UA0509E	NOK	2674	UC0159-G0	NOK	7412S
U16633	IH	470163	U81-8755	LAZOR	224820	UA0509E0	NOK	2674	UC0380E	NOK	35X62X7
U16633	IH	471766 <sup>28</sup>	U818810	LAZOR	224020	UA0512E	NOK	417484N	UC0380E0	NOK	35X62X7 <sup>28</sup>
U17942	IH	471137	U81-8828	LAZOR	472213	UA0512E	NOK	475322N	UC0384E	NOK	25X47X7
U17943	IH	470163	U819026	LAZOR	224235	UA0512E0	NOK	417484N	UC0384E0	NOK	25X47X7
U17943	IH	471766 <sup>28</sup>	U81-9034	LAZOR	1960	UA0512E0	NOK	475322N	UC0442E	NOK	45X72X7 <sup>28</sup>
U17944	IH	470045	U81-9050	LAZOR	224045	UB0017E	NOK	471231	UC0442E	NOK	45X72X95
U17944	IH	476838 <sup>28</sup>	U81-9085	LAZOR	225500	UB0017E0	NOK	471231 <sup>28</sup>	UC0442E0	NOK	45X72X95
U195	ALLCH	450121	U81-9093	LAZOR	225010	UB0040E	NOK	450040	UC0465E	NOK	12X28X7
U195	ALLCH	472409 <sup>28</sup>	U81-9107	LAZOR	710309	UB0040E0	NOK	450040	UC0465E0	NOK	12X28X7
U196	ALLCH	450066	U819115	LAZOR	1012N	UB0065E	NOK	100495	UC5068F	NOK	330385
U196	ALLCH	473367 <sup>28</sup>	U81-9123	LAZOR	471224 <sup>28</sup>	UB0065E	NOK	415281N	UC5068-F0	NOK	330385
U2104	ALLCH	5M403	U81-9131	LAZOR	6370N	UB0065E0	NOK	100495	UC86-25-154	MAZDA	223550
U2602	ALLCH	450094	U81-9140	LAZOR	223510	UB0065E0	NOK	415281N	UC86-26-154	MAZDA	223550
U2602	ALLCH	473462	U81-9158	LAZOR	1120	UB0084E	NOK	470347	UC86-33-065	MAZDA	710094
U2674	ALLCH	473215 <sup>28</sup>	U81-9166	LAZOR	471192	UB0084E	NOK	474254	UC86-33-065A	MAZDA	710094
U303A	CALSO	472164 <sup>28</sup>	U81-9174	LAZOR	710311	UB0084E0	NOK	470347	UC86-33-067	MAZDA	710093
U40370	JOHND	442109	U81-9182	LAZOR	224520	UB0084E0	NOK	474254 <sup>28,29</sup>	UCB521	CLSTL	473237 <sup>28</sup>
U41989	JOHND	415304	U81-9190	LAZOR	472164 <sup>28</sup>	UB0086E	NOK	6703S	UD0024ED	NOK	472446
U41989	JOHND	476470 <sup>28</sup>	U81-9204	LAZOR	223535	UB0086E0	NOK	6703S	UD0035E	NOK	471413V
U4213	SPIGE	473423	U81-9808	LAZOR	65X80X8	UB0105E	NOK	473449	UD0035E0	NOK	471413V
U43766	JOHND	200870	U8-G20	OSHKO	415023	UB0105E0	NOK	473449 <sup>28,29</sup>	UD0066E	NOK	415035
U44336	JOHND	416149	U997	ALLCH	411253 <sup>28</sup>	UB0109E	NOK	7994S	UD0066E0	NOK	415035
U49-8092	LAZOR	1172	U997	ALLCH	450099	UB0109E0	NOK	7994S	UD0075E	NOK	472012
U49-8106	LAZOR	229210	UA0029E	NOK	415960	UB0142E	NOK	3945	UD0075E0	NOK	472012
U49-8254	LAZOR	1108	UA0029E0	NOK	415960	UB0142E0	NOK	3945	UD0076E	NOK	39807
U49-8262	LAZOR	716102	UA0062E	NOK	477163N	UB0176E	NOK	2377	UD0076E0	NOK	39807
U49-8327	LAZOR	227040	UA0062E0	NOK	477163N	UB0176E0	NOK	2377	UD0166E	NOK	470547
U49-8335	LAZOR	227530	UA0068E	NOK	415088	UB0218E	NOK	331301N	UD0166E0	NOK	470547
U49-8343	LAZOR	229005	UA0068E0	NOK	415088	UB0218E0	NOK	331301N	UD0172E	NOK	62X85X8

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
UD0172E0	NOK	62X85X8 <sup>28</sup>	UF0015E	NOK	482126	UF0502E0	NOK	343105 <sup>28</sup>	UH0238F	NOK	713750
UD0173E	NOK	8695S	UF0015-E0	NOK	482126	UF0502E0	NOK	7399S	UH0238F0	NOK	713750
UD0173E0	NOK	8695S	UF0018E	NOK	340136	UF0505E	NOK	2222	UH0241E	NOK	472341 <sup>28</sup>
UD0241E	NOK	331107N	UF0018E0	NOK	340136	UF0505E0	NOK	2222	UH0241E0	NOK	472341 <sup>28</sup>
UD0241E0	NOK	331107N	UF0018F	NOK	40468	UF0506E	NOK	44052	UH0246E	NOK	2146
UD0451E	NOK	9449	UF0018F0	NOK	40468	UF0506E0	NOK	44052	UH0278E	NOK	9845
UD0451E0	NOK	9449	UF0023E	NOK	204038	UF0532E	NOK	42311S	UH0278E0	NOK	9845
UD0453E	NOK	7044NA	UF0023E0	NOK	204038	UF-0532-E0	NOK	42311S	UH0278F	NOK	9845
UD0453E0	NOK	7044NA	UF0030E	NOK	204008	UF0820E	NOK	1932	UH0278F0	NOK	9845
UD0507E	NOK	3893V <sup>28</sup>	UF0030E0	NOK	204008	UF0820E	NOK	56X68X10	UH0287F	NOK	3698
UD0507E0	NOK	3893V <sup>28</sup>	UF0038E	NOK	6815	UF0820-E0	NOK	1932	UH0287F0	NOK	3698
UD0508E	NOK	3385	UF0038E0	NOK	6815	UF0820-E0	NOK	56X68X10	UH0327E	NOK	477163N
UD0508E0	NOK	3385	UF0058E	NOK	204002	UG0081E	NOK	8976S	UH0335E	NOK	470331N
UD0520E	NOK	95X115X12	UF0058E0	NOK	204002	UG0081E0	NOK	8976S	UH0335E0	NOK	470331N
UD0520E0	NOK	95X115X12	UF0067E	NOK	40316S	UG0203E	NOK	471652	UH0335F	NOK	714675
UD0624E	NOK	50X70X8	UF0067E0	NOK	40316S	UG0203E0	NOK	471652	UH0335F0	NOK	714675
UD0624E	NOK	50X70X9	UF0075E	NOK	6954S	UG0424F	NOK	16X24X6	UH0336F	NOK	95X115X12
UD0624E0	NOK	50X70X8 <sup>28</sup>	UF0075E0	NOK	6954S	UG0424F0	NOK	16X24X6	UH0336F0	NOK	95X115X12
UD0624E0	NOK	50X70X9	UF0098F	NOK	240733	UG5023E	NOK	710597	UH0336G	NOK	4359V
UD0751E	NOK	15X35X7	UF0098F0	NOK	240733	UG5023-E0	NOK	710597	UH0336-G0	NOK	4359V
UD0751E0	NOK	15X35X7	UF0114E	NOK	7607	UG5023-E1	NOK	710597	UH0337E	NOK	3638
UD5148E	NOK	710572	UF0114E0	NOK	7607	UG5023F	NOK	710597	UH0337E0	NOK	3638 <sup>29</sup>
UD5148-E0	NOK	710572	UF0115E	NOK	5796	UG5023-F0	NOK	710597	UH0341E	NOK	3173
UE0009E	NOK	473551	UF0115E0	NOK	5796	UG5093E	NOK	710798	UH0341E	NOK	710928
UE0009E0	NOK	473551	UF0144E	NOK	471795	UG5093-E0	NOK	710798	UH0341-E0	NOK	3173
UE0077E	NOK	25X52X7	UF0144E0	NOK	471795	UG5147E	NOK	710671	UH0341-E0	NOK	710928
UE0077E0	NOK	25X52X7 <sup>28</sup>	UF0195E	NOK	4148	UG5147-E0	NOK	710671	UH0351E	NOK	3655
UE0112E	NOK	471744 <sup>28</sup>	UF0195E0	NOK	4148	UH0004E	NOK	9599S	UH0351E0	NOK	3655
UE0112E0	NOK	471744 <sup>28</sup>	UF0200E	NOK	5121	UH0004-E0	NOK	9599S	UH0390E	NOK	712000
UE0152E	NOK	473258 <sup>28</sup>	UF0200E0	NOK	5121	UH0022F	NOK	710263	UH0390F	NOK	712000
UE0152E0	NOK	473258 <sup>28</sup>	UF0213E	NOK	4148	UH0022F0	NOK	710263	UH0394F	NOK	710101
UE0205E	NOK	472324 <sup>28</sup>	UF0213E	NOK	471424 <sup>28</sup>	UH0022H	NOK	710263	UH0394-F0	NOK	710101
UE0205E0	NOK	472324 <sup>28</sup>	UF0213E0	NOK	4148	UH0022H0	NOK	710263	UH0394G	NOK	710101
UE0282E	NOK	470774V	UF0213E0	NOK	471424 <sup>28</sup>	UH0046E	NOK	710532	UH0394-G0	NOK	710101
UE0319E	NOK	481397	UF0215E	NOK	442380	UH0046-E0	NOK	710532	UH0395F	NOK	710105
UE0319E0	NOK	481397	UF0215E0	NOK	442380	UH0047E	NOK	8835S	UH0395-F0	NOK	710105
UE0321E	NOK	472681	UF0216E	NOK	6954S	UH0047E0	NOK	8835S	UH0397G	NOK	482041N
UE-0321-E0	NOK	472681	UF0216E0	NOK	6954S	UH0097F	NOK	35X50X8	UH0397G0	NOK	482041N
UE0323E	NOK	482310	UF0217E	NOK	7022S	UH0097F	NOK	3774	UH0403F	NOK	320259
UE0323E0	NOK	482310	UF0217E0	NOK	7022S	UH0097-F0	NOK	35X50X8 <sup>28</sup>	UH0403F0	NOK	320259
UE0463E	NOK	85X125X12	UF0219E	NOK	3087	UH0097-F0	NOK	3774	UH0404E	NOK	710329
UE0463E0	NOK	85X125X12	UF0219E0	NOK	3087	UH0102E	NOK	9773	UH0404-E0	NOK	710329
UE0485E	NOK	15X30X7	UF0225E	NOK	8871	UH0102E0	NOK	9773	UH0424E	NOK	714503
UE0485E0	NOK	15X30X7	UF0225E0	NOK	8871	UH0111E	NOK	3772	UH0424-E0	NOK	714503
UE0665E	NOK	26X38X5	UF0230E	NOK	8121S	UH0111-E0	NOK	3772	UH0424F	NOK	714503
UE0665E0	NOK	26X38X5 <sup>28</sup>	UF0230E0	NOK	8121S	UH0111G	NOK	3772	UH0424-F0	NOK	714503
UE0667E	NOK	17X47X8	UF0260E	NOK	8705S	UH0111-G0	NOK	3772	UH0433E	NOK	2003N
UE0667E0	NOK	17X47X8	UF0260E0	NOK	8705S	UH0164E	NOK	3909	UH0433-E0	NOK	2003N
UE0670E	NOK	15X35X7	UF0491E	NOK	9406S	UH0164E0	NOK	3909	UH0434F	NOK	712449
UE0670E0	NOK	15X35X7	UF0491E0	NOK	9406S	UH0164G	NOK	3909	UH0434-F0	NOK	712449
UE0671E	NOK	15X24X7	UF0495E	NOK	8871	UH0164G0	NOK	3909	UH0455E	NOK	3698
UE0671E0	NOK	15X24X7	UF0495E0	NOK	8871	UH0164J0	NOK	3909	UH0455-E0	NOK	3698
UE0912E	NOK	710690	UF0496E	NOK	340385	UH0190E	NOK	9613S	UH0490E	NOK	3214
UE0912-E0	NOK	710690	UF0496E0	NOK	340385	UH0190E0	NOK	9613S	UH0490E0	NOK	3214
UE0968E	NOK	710463	UF0497E	NOK	340787	UH0193F	NOK	710075	UH0492E	NOK	331228H
UE0968-E0	NOK	710463	UF0497E0	NOK	340787	UH0193F0	NOK	710075	UH0492E0	NOK	331228H
UE5119E	NOK	710797	UF0500E	NOK	40520S	UH0214E	NOK	4250	UH0493E	NOK	8181NA
UE5119-E0	NOK	710797	UF0500-E0	NOK	40520S	UH0214E0	NOK	4250	UH0493E0	NOK	8181NA
UF0014E	NOK	440972	UF0502E	NOK	343105 <sup>28</sup>	UH0226E	NOK	38X55X7	UH0494E	NOK	3604
UF0014-E0	NOK	440972	UF0502E	NOK	7399S	UH0226E0	NOK	38X55X7 <sup>28</sup>	UH0494E0	NOK	3604

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
UH0511F	NOK	710469	UH0950E	NOK	710663	UH5063F	NOK	710683	UH5141-E	NOK	710484
UH0511-F0	NOK	710469	UH0950-E1	NOK	710663	UH5063-F0	NOK	710683	UH5141-E0	NOK	710484
UH0516E	NOK	710426	UH0950F	NOK	710663	UH5065E	NOK	710662	UH5142-E	NOK	710694
UH0516-E0	NOK	710426	UH0950-F0	NOK	710663	UH5065-E0	NOK	710662	UH5142-E0	NOK	710694
UH0528E	NOK	6863S	UH0951E	NOK	710046	UH5065F	NOK	710662	UH5142-F	NOK	710694
UH0528-E0	NOK	6636S	UH0951-E0	NOK	710046	UH5065-F0	NOK	710662	UH5142-F0	NOK	710694
UH0543E	NOK	4370N	UH0951-E1	NOK	710046	UH5065H	NOK	710662	UH5144E	NOK	710684
UH0543-E2	NOK	4370N	UH0951F	NOK	710046	UH5065-H0	NOK	710662	UH5144-E0	NOK	710684
UH0549E	NOK	42X62X8	UH0951-F0	NOK	710046	UH5066E	NOK	710797	UH5145E	NOK	4503N
UH0549E0	NOK	42X62X8 <sup>28</sup>	UH0983E	NOK	710668	UH5066-E0	NOK	710797	UH5145-E0	NOK	4503N
UH0570E	NOK	4278	UH0983-E1	NOK	710668	UH5070E	NOK	710732	UH5149E	NOK	100085
UH0570-E0	NOK	4278	UH0983F	NOK	710668	UH5070-E0	NOK	710732	UH5149-E0	NOK	100085
UH0571E	NOK	3604	UH0983-F0	NOK	710668	UH5087E	NOK	224650	UH5169E	NOK	710726
UH0571-E0	NOK	3604	UH0986E	NOK	710959	UH5087-E0	NOK	224650	UH5169-E0	NOK	710726
UH0571F	NOK	3604	UH0986-E0	NOK	710959	UH5088E	NOK	710659	UH5170E	NOK	710725
UH0571-F0	NOK	3604	UH5004E	NOK	711181	UH5088-E0	NOK	710659	UH5170-E0	NOK	710725
UH0598E	NOK	710388	UH5004-E0	NOK	711181	UH5088X	NOK	710659	UH5170F	NOK	710725
UH-0598-E0	NOK	710388	UH5005E	NOK	710451	UH5088-X0	NOK	710659	UH5170-F0	NOK	710725
UH0630E	NOK	40375	UH5005-E0	NOK	710451	UH5090E	NOK	710698	UH5170G	NOK	710725
UH0630E0	NOK	40375	UH5005F	NOK	710451	UH5090-E0	NOK	710698	UH5170-G0	NOK	710725
UH0728F	NOK	9845	UH5005-F0	NOK	710451	UH5091E	NOK	710651	UH5171E	NOK	711181
UH0728F0	NOK	9845	UH5005G	NOK	710451	UH5091-E0	NOK	710651	UH5171-E0	NOK	711181
UH0757E	NOK	4307V	UH5005-G0	NOK	710451	UH5094E	NOK	710604	UH5172E	NOK	710608
UH0757E0	NOK	4307V <sup>28</sup>	UH5008E	NOK	321417N	UH5094-E0	NOK	710604	UH5172-E0	NOK	710608
UH0766E	NOK	710258	UH5008-E0	NOK	321417N	UH5098E	NOK	710801	UH5173E	NOK	710621
UH0766-E0	NOK	710258	UH5008F	NOK	321417N	UH5098-E0	NOK	710801	UH5173-E0	NOK	710621
UH0773F	NOK	110X130X12	UH5008-F0	NOK	321417N	UH5102-E	NOK	710485	UH5182E	NOK	710598
UH0773F0	NOK	325776	UH5008G	NOK	321417N	UH5102-E0	NOK	710485	UH5182-E0	NOK	710598
UH0773F0	NOK	325776	UH5008-G0	NOK	321417N	UH5103E	NOK	710602	UH5185E	NOK	710735
UH0789E	NOK	710211	UH5019E	NOK	710717	UH5103-E0	NOK	710602	UH5185-E0	NOK	710735
UH0789-E0	NOK	710211	UH5019-E0	NOK	710717	UH5105E	NOK	710614	UH5186E	NOK	710734
UH0816E	NOK	228410	UH5020G	NOK	710718	UH5105-E0	NOK	710614	UH5186-E0	NOK	710734
UH0816E0	NOK	228410	UH5020-G0	NOK	710718	UH5105F	NOK	710614	UH5187E	NOK	710732
UH0819E1	NOK	2377	UH5021E	NOK	710719	UH5105-F0	NOK	710614	UH5187-E0	NOK	710732
UH0840E	NOK	710262	UH5021-E0	NOK	710719	UH5105G	NOK	710614	UH5189E	NOK	710658
UH0840-E0	NOK	710262	UH5031E	NOK	225010	UH5105-G0	NOK	710614	UH5189-E0	NOK	710658
UH0841E	NOK	710261	UH5031-E0	NOK	225010	UH5106E	NOK	711181	UH5196E	NOK	710576
UH0841E0	NOK	710261	UH5032E	NOK	224052	UH5106-E0	NOK	711181	UH5196-E0	NOK	710576
UH0862-E	NOK	223420	UH5032-E0	NOK	224052	UH5106F	NOK	711181	UH5197E	NOK	710726
UH0862-E0	NOK	223420	UH5037E	NOK	224200	UH5106-F0	NOK	711181	UH5197-E0	NOK	710726
UH0871-E	NOK	5126	UH5037-E0	NOK	224200	UH5107E	NOK	710352	UH5197F	NOK	710726
UH0871-E0	NOK	5126	UH5040E	NOK	710802	UH5107-E0	NOK	710352	UH5197-F0	NOK	710726
UH0892E	NOK	710765	UH5040-E0	NOK	710802	UH5108E	NOK	710615	UH5198E	NOK	710237
UH0892-E0	NOK	710765	UH5041E	NOK	710237	UH5108-E0	NOK	710615	UH5198-E0	NOK	710237
UH0910E	NOK	710661	UH5041-E0	NOK	710237	UH5110E	NOK	710536	UH5200E	NOK	710711
UH0910-E0	NOK	710661	UH5044F	NOK	710623	UH5110-E0	NOK	710536	UH5200-E0	NOK	710711
UH0910F	NOK	710661	UH5044-F0	NOK	710623	UH5123E	NOK	224200	UH5202E	NOK	710659
UH0910-F0	NOK	710661	UH5044G	NOK	710623	UH5123-E0	NOK	224200	UH5202-E0	NOK	710659
UH0911E	NOK	4503N	UH5044-G0	NOK	710623	UH5125E	NOK	710814	UH5206-E	NOK	710613
UH0911-E0	NOK	4503N	UH5044-G1	NOK	710623	UH5125-E0	NOK	710814	UH5206-E0	NOK	710613
UH0911F	NOK	4503N	UH5057G	NOK	223750	UH5126E	NOK	710554	UH5207E	NOK	710707
UH0911-F0	NOK	4503N	UH5057-G0	NOK	223750	UH5126-E0	NOK	710554	UH5207-E0	NOK	710707
UH0944E	NOK	228009	UH5058E	NOK	710627	UH5128E	NOK	710606	UH5210F	NOK	710672
UH0944-E0	NOK	228009	UH5058-E0	NOK	710627	UH5128-E0	NOK	710606	UH5210-F0	NOK	710672
UH0944F	NOK	228009	UH5061E	NOK	710692	UH5136E	NOK	710787	UH5211F	NOK	710673
UH0944-F0	NOK	228009	UH5061-E0	NOK	710692	UH5136-E0	NOK	710787	UH5211-F0	NOK	710673
UH0946-E	NOK	710431	UH5061G	NOK	710692	UH5137-E	NOK	710487	UH5214E	NOK	224200
UH0946-E0	NOK	710431	UH5061-G0	NOK	710692	UH5137-E0	NOK	710487	UH5214-E0	NOK	224200
UH0946F	NOK	710431	UH5063E	NOK	710683	UH5138E	NOK	710486	UH5216E	NOK	710871
UH0946-F0	NOK	710431	UH5063-E0	NOK	710683	UH5138-E0	NOK	710486	UH5216-E0	NOK	710871

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
UH5254E	NOK	710787	UZ0206E	NOK	4561V	UZ0510E0	NOK	6612S	V3188	WAGNR	455013
UH5254-E0	NOK	710787	UZ0206E0	NOK	4561V	UZ0516F	NOK	710441	V3202	WAGNR	415027 <sup>28</sup>
UH5291E	NOK	710953	UZ0207E	NOK	100263	UZ0516-F0	NOK	710441	V3202	WAGNR	455027
UH5291-E0	NOK	710953	UZ0207E0	NOK	100263	UZ0981E	NOK	710496	V3270	WAGNR	416271 <sup>28</sup>
UH5316E	NOK	710646	UZ0207F	NOK	100263	UZ0981-E0	NOK	710496	V3312	WAGNR	418028
UH5316-E0	NOK	710646	UZ0207F0	NOK	100263	UZ5049F	NOK	710771	V3312	WAGNR	455137 <sup>28</sup>
UH5319E	NOK	710831	UZ0212E	NOK	416404 <sup>28</sup>	UZ5049-F0	NOK	710771	V3321	WAGNR	415991
UH5319-E0	NOK	710831	UZ0212E	NOK	9864S	UZ5050F	NOK	710496	V3321	WAGNR	455146 <sup>28</sup>
UJ51	UNIVE	473227	UZ0212E0	NOK	9864S	UZ5050-F0	NOK	710496	V3322	WAGNR	415449 <sup>28</sup>
UJ75	UNIVE	470189	UZ0249E	NOK	5313	UZ5059E	NOK	710660	V3322	WAGNR	455147
UJ75	UNIVE	471692 <sup>28</sup>	UZ0249E0	NOK	5313	UZ5059-E0	NOK	710660	V3324	WAGNR	417343 <sup>28</sup>
UP0079E	NOK	472705	UZ0261E	NOK	4564V	UZ5059F	NOK	710660	V3471	WAGNR	417082
UP0079E0	NOK	472705 <sup>28</sup>	UZ0261E0	NOK	4564V	UZ5059-F0	NOK	710660	V4348X	WHITE	415449 <sup>28</sup>
UP0119E	NOK	471224 <sup>28</sup>	UZ0263E	NOK	415082N	UZ5076E	NOK	710645	V4348X	WHITE	455147
UP0119E0	NOK	471224 <sup>28</sup>	UZ0263E0	NOK	415082N	UZ5076-E0	NOK	710645	V4665	IRON	450066
UP0811E	NOK	222630	UZ0264E	NOK	415013N	UZ5089E	NOK	710682	V4665	IRON	473367 <sup>28</sup>
UP0811-E0	NOK	222630	UZ0264E0	NOK	415013N	UZ5089-E0	NOK	710682	V481100VD	NATL	471652V
US95133	C-P	240385	UZ0265E	NOK	100494	UZ5096E	NOK	710815	V4812A23	WAGNR	415263
USN14	ATHEY	450030	UZ0265E	NOK	416470N	UZ5096-E0	NOK	710815	V5459	IRON	412920 <sup>28</sup>
USN14	ATHEY	474253 <sup>28</sup>	UZ0265-E0	NOK	100494	UZ5134E	NOK	710967	V5459	IRON	450132
UT309	MINNM	473236 <sup>28</sup>	UZ0265-E0	NOK	416470N	UZ5134-E0	NOK	710967	V6043	MINNM	470358
UT309	WHITE	473236 <sup>28</sup>	UZ0266E	NOK	475322N	UZ5134F	NOK	710967	V6043	MINNM	473231
UT374	MINNM	416011	UZ0266E	NOK	4874N	UZ5134-F0	NOK	710967	V657S	CASE	5857
UT374	MINNM	417621 <sup>28</sup>	UZ0266E0	NOK	475322N	UZ5191E	NOK	710695	V8020698	WHITE	370003A
UT374	WHITE	417171 <sup>28</sup>	UZ0266E0	NOK	4874N	UZ5191-E1	NOK	710695	V8020698	WHITE	380003A
UT459	MINNM	415027 <sup>28</sup>	UZ0301E	NOK	370036A	UZ5192E	NOK	710675	V947270	VOLVO	85X110X12
UT459	MINNM	455027	UZ0301E	NOK	370349A	UZ5192-E1	NOK	710675	V947271	VOLVO	717005
UT459A	MINNM	415437	UZ0301E	NOK	380036A	V1004	HUGKE	473240 <sup>28</sup>	VA18291	WABCO	415124
UT459A	WHITE	415437	UZ0301E0	NOK	370036A	V1034	HUGKE	415088 <sup>28</sup>	VC9667	LETN	415995V
UW0103E	NOK	712937	UZ0301E0	NOK	370349A	V1034	HUGKE	455088	VD12473	WABCO	456865N
UW0103E0	NOK	712937	UZ0301E0	NOK	380036A	V1055	HUGKE	40337S	VH425	IRON	472287 <sup>28</sup>
UW0134E	NOK	710062	UZ0302E	NOK	370065A	V1064	HUGKE	413246	VH430	IRON	473458
UW0134-E0	NOK	710062	UZ0302E	NOK	380065A	V1064	HUGKE	413246N	VH511	WABCO	415072
UW0134F	NOK	710062	UZ0302E0	NOK	370065A	V127016	RACIN	481537	VH599	IRON	470950 <sup>28</sup>
UW0134-F0	NOK	710062	UZ0302E0	NOK	380065A	V12701C	RACIN	471466 <sup>28</sup>	VH599	IRON	6241S
UW0179F	NOK	4141	UZ0303E	NOK	370025A	V12701E	RACIN	450188	VKBA006	SKF	224045
UW0179-F0	NOK	4141	UZ0303E	NOK	380025A	V12701F	RACIN	471442 <sup>28</sup>	VKBA007	SKF	482126
UW0180F	NOK	710403	UZ0303E	NOK	386025A	V12701S	RACIN	470120	VKBA1321	SKF	710311
UW0180-F0	NOK	710403	UZ0303E0	NOK	370025A	V12701S	RACIN	471224 <sup>28</sup>	VKBA1322	SKF	710311
UW0180G	NOK	710403	UZ0303E0	NOK	380025A	V12701U	RACIN	450441	VKBA1340	SKF	5686
UW0180-G0	NOK	710403	UZ0303E0	NOK	386025A	V12701U	RACIN	471341 <sup>28</sup>	VKBA1341	SKF	5686
UW0194E	NOK	3946	UZ0304E	NOK	370003A	V12701V	RACIN	470358	VKBA1344	SKF	224210
UW0194-E0	NOK	3946	UZ0304E0	NOK	370003A	V12701V	RACIN	473231 <sup>28</sup>	VKBA1345	SKF	1180
UW0561E	NOK	710389	UZ0305E	NOK	370001A	V12701X	RACIN	450188	VKBA1346	SKF	1180
UW-0561-E0	NOK	710389	UZ0305E	NOK	380001A	V12701Z	RACIN	450352	VKBA1348	SKF	1932
UW0895E	NOK	710403	UZ0305E0	NOK	370001A	V12701Z	RACIN	472164 <sup>28</sup>	VKBA1349	SKF	224235
UW0895-E0	NOK	710403	UZ0305E0	NOK	380001A	V14651	CASE	473224 <sup>28</sup>	VKBA1350	SKF	1975
UW0895F	NOK	710403	UZ0306E	NOK	370023A	V14653	CASE	5857	VKBA1351	SKF	224210
UW0895-F0	NOK	710403	UZ0306E	NOK	380023A	V14654	CASE	455134 <sup>28</sup>	VKBA1352	SKF	1973
UW0982E	NOK	710645	UZ0306E	NOK	5667	V14655	CASE	470605 <sup>28</sup>	VKBA1353	SKF	1973
UW0982-E0	NOK	710645	UZ0307E	NOK	370021A	V14656	CASE	330385 <sup>28</sup>	VKBA1359	SKF	225650
UW5038E	NOK	710682	UZ0307E0	NOK	370021A	V14657	CASE	472560N <sup>28</sup>	VKBA1362	SKF	710107
UW5038-E0	NOK	710682	UZ0308E	NOK	370005A	V14657	CASE	50151S	VKBA1365	SKF	225650
UW5039F	NOK	710664	UZ0308E0	NOK	370005A	V14661	CASE	323138 <sup>28</sup>	VKBA1367	SKF	710338
UW5039-F0	NOK	710664	UZ0466E	NOK	4503N	V224	CASE	472070	VKBA1369	SKF	225010
UW5060E	NOK	710693	UZ0466-E0	NOK	4503N	V2520	IRON	450078	VKBA1370	SKF	223550
UW5060-E0	NOK	710693	UZ0466F	NOK	4503N	V2520	IRON	473444	VKBA1371	SKF	1955
UZ0147G	NOK	4244	UZ0466-F0	NOK	4503N	V3187	WAGNR	416654 <sup>28</sup>	VKBA1378	SKF	473367
UZ0147-G0	NOK	4244	UZ0466-F1	NOK	4503N	V3187	WAGNR	455012	VKBA1379	SKF	473367
UZ0147-G1	NOK	4244	UZ0510E	NOK	6612S	V3188	WAGNR	415995 <sup>28</sup>	VKBA1383	SKF	225220

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
VKBA1384	SKF	710097	VKBA3309	SKF	4898	VKBA583	SKF	224235	VL2570	LETN	455556
VKBA1400	SKF	1012N	VKBA3312	SKF	710130	VKBA586	SKF	223035	VL25702	WABCO	455556
VKBA1415	SKF	1974	VKBA3313	SKF	710130	VKBA592	SKF	224462	VL2588	LETN	413247 <sup>28</sup>
VKBA1417	SKF	225230	VKBA3318	SKF	224045	VKBA594	SKF	224100	VL2588	LETN	450350
VKBA1418	SKF	225230	VKBA3322	SKF	224200	VKBA614	SKF	1174	VL2621	LETN	417353 <sup>28</sup>
VKBA1419	SKF	1984	VKBA3325	SKF	710463	VKBA655	SKF	1126	VL2986	LETN	416364 <sup>28</sup>
VKBA1420	SKF	224015	VKBA3341	SKF	225275	VKBA661	SKF	1213N	VL6062	WABCO	417020
VKBA1421	SKF	1974	VKBA3347	SKF	1993	VKBA668	SKF	710320	VL8656	WABCO	472636 <sup>28</sup>
VKBA1422	SKF	223830	VKBA3434	SKF	710467	VKBA6686	SKF	710467	VM1154	OLIVE	470163
VKBA1423	SKF	710227	VKBA3443	SKF	225230	VKBA674	SKF	224210	VM1154	OLIVE	471766 <sup>28</sup>
VKBA1424	SKF	1974	VKBA3474	SKF	473454	VKBA675	SKF	1955	VM1585	OLIVE	417191
VKBA1487	SKF	1973	VKBA3519	SKF	1962	VKBA681	SKF	1183	VM440	OLIVE	412473 <sup>28</sup>
VKBA1905	SKF	1959	VKBA3710	SKF	710182	VKBA6811	SKF	1955	VM440	OLIVE	415894
VKBA1906	SKF	1955	VKBA3712	SKF	481837	VKBA684	SKF	1188	VM671	OLIVE	450067
VKBA1909	SKF	226285	VKBA3713	SKF	4904	VKBA6845	SKF	4898	VM671	OLIVE	473228
VKBA1911	SKF	1993	VKBA3714	SKF	4904	VKBA6882	SKF	710572	VN3657	LETN	J1136
VKBA1913	SKF	223840	VKBA3718	SKF	4904	VKBA6944	SKF	1932	VP2099	LETN	J1106
VKBA1927	SKF	1955	VKBA3726	SKF	226285	VKBA713	SKF	1196	VP2099	WABCO	J1106
VKBA1928	SKF	4990	VKBA3727	SKF	226285	VKBA714	SKF	494122	VP223	F-R-H	450085
VKBA1929	SKF	1955	VKBA3729	SKF	225673	VKBA715	SKF	224210	VP223	F-R-H	470530 <sup>28</sup>
VKBA1930	SKF	224462	VKBA3730	SKF	1993	VKBA717	SKF	710311	VP224	F-R-H	415027 <sup>28</sup>
VKBA1933	SKF	4904	VKBA3739	SKF	225410	VKBA719	SKF	482126	VP224	F-R-H	455027
VKBA1950	SKF	1932	VKBA3740	SKF	1956	VKBA732	SKF	710215	VP5012	WABCO	416624 <sup>28</sup>
VKBA1951	SKF	710092	VKBA3756	SKF	1956	VKBA733	SKF	1955	VS3920	WABCO	415263
VKBA1956	SKF	225010	VKBA3761	SKF	239201	VKBA739	SKF	4990	VT1020	MINNM	471763
VKBA1961	SKF	710338	VKBA3764	SKF	710456	VKBA7455	SKF	710522	VT204	MINNM	340413
VKBA1962	SKF	710338	VKBA3770	SKF	1196	VKBA751	SKF	710312	VT2090	CASE	450183
VKBA1963	SKF	1960	VKBA3775	SKF	225010	VKBA755	SKF	223605	VT2090	CASE	472179
VKBA1965	SKF	224820	VKBA3780	SKF	1932	VKBA756	SKF	239155	VT2095	CASE	450365
VKBA1966	SKF	1955	VKBA3784	SKF	225230	VKBA782	SKF	224820	VT2095	CASE	470898
VKBA1967	SKF	1188	VKBA3792	SKF	1196	VKBA824	SKF	1949	VT2115	CASE	473426
VKBA1970	SKF	225230	VKBA3798	SKF	473367	VKBA825	SKF	1994	VT2233	CASE	472287 <sup>28</sup>
VKBA1971	SKF	224820	VKBA3831	SKF	710309	VKBA826	SKF	1948	VT2316	CASE	450803
VKBA1972	SKF	224820	VKBA3852	SKF	1955	VKBA827	SKF	1956	VT2817	CASE	471689 <sup>28</sup>
VKBA1973	SKF	225082	VKBA3918	SKF	710456	VKBA834	SKF	1992	VT2905	CASE	410119
VKBA1978	SKF	1948	VKBA3922	SKF	710239	VKBA835	SKF	1994	VT2905	CASE	471442 <sup>28</sup>
VKBA1984	SKF	1994	VKBA3924	SKF	710522	VKBA840	SKF	2002	VT3249	CASE	412473 <sup>28</sup>
VKBA1985	SKF	710168	VKBA3935	SKF	1932	VKBA841	SKF	1974	VT3249	CASE	415894
VKBA1991	SKF	1955	VKBA3936	SKF	225225	VKBA849	SKF	9912	VT3373	CASE	450115
VKBA1992	SKF	710404	VKBA3955	SKF	710463	VKBA859	SKF	494117	VT3373	CASE	473467
VKBA1993	SKF	1955	VKBA3969	SKF	710239	VKBA867	SKF	473454	VT3401	CASE	471765 <sup>28</sup>
VKBA1998	SKF	225225	VKBA3970	SKF	224820	VKBA885	SKF	223035	VT3460	CASE	415458 <sup>28</sup>
VKBA1999	SKF	710108	VKBA3972	SKF	225678	VKBA886	SKF	225225	VT3460	CASE	455003
VKBA3201	SKF	710125	VKBA3980	SKF	225678	VKBA887	SKF	224045	VT3465	CASE	450316
VKBA3205	SKF	710072	VKBA3984	SKF	1955	VKBA888	SKF	224045	VT3465	CASE	472636 <sup>28</sup>
VKBA3206	SKF	473823	VKBA3995	SKF	710176	VKBA889	SKF	224820	VT3502	CASE	415458 <sup>28</sup>
VKBA3213	SKF	225275	VKBA500	SKF	224250	VKBA894	SKF	444116	VT3502	CASE	455003
VKBA3215	SKF	1928	VKBA506	SKF	1174	VKBA904	SKF	1126	VT3520	CASE	473215 <sup>28</sup>
VKBA3216	SKF	225410	VKBA513	SKF	224015	VKBA905	SKF	229522	VT3525	CASE	471466 <sup>28</sup>
VKBA3217	SKF	710642	VKBA515	SKF	494122	VKBA910	SKF	1208	VT3555	CASE	472287 <sup>28</sup>
VKBA3219	SKF	710239	VKBA516	SKF	1012N	VKBA911	SKF	225500	VT3688	CASE	470120
VKBA3220	SKF	224820	VKBA517	SKF	1012N	VKBA912	SKF	225500	VT3688	CASE	471224 <sup>28</sup>
VKBA3235	SKF	710463	VKBA519	SKF	1209	VKBA926	SKF	472213	VT3756	CASE	471192
VKBA3236	SKF	225005	VKBA529	SKF	1962	VKBA944	SKF	4175	VT3757	CASE	471192
VKBA3255	SKF	4175	VKBA531	SKF	224010	VKBA947	SKF	710311	VT4443	CASE	470163
VKBA3259	SKF	494122	VKBA534	SKF	1950	VKBA948	SKF	710311	VT4443	CASE	471766 <sup>28</sup>
VKBA3284	SKF	710093	VKBA540	SKF	224520	VKBA949	SKF	4990	VT4447	CASE	450066
VKBA3285	SKF	223240	VKBA542	SKF	1962	VKS6299	SKF	711028	VT4447	CASE	473367 <sup>28</sup>
VKBA3286	SKF	4175	VKBA569	SKF	223035	VL1245	LETN	415234 <sup>28</sup>	VT4896	CASE	471466 <sup>28</sup>
VKBA3308	SKF	225220	VKBA571	SKF	1955	VL22673	WABCO	471341 <sup>28</sup>	VT4897	CASE	471267 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
VT4903	CASE	471529	W10-704	W-PTS	716102	W72-107	W-PTS	1217	W72207	W-PTS	1953
VT4928	CASE	450431	W10-708	W-PTS	228010	W72-110	W-PTS	1209	W72207	W-PTS	42X60X7 <sup>28</sup>
VT4928	CASE	471539 <sup>28</sup>	W10-719	W-PTS	716102	W72112	W-PTS	1174	W72-211	W-PTS	1196
VT4933	CASE	471633 <sup>28</sup>	W10-900	W-PTS	716102	W72-113	W-PTS	1174	W72212	W-PTS	1955
VT4992	CASE	450441	W1103	HU-WR	450085	W72117	W-PTS	1208	W72212	W-PTS	52X65X9 <sup>28</sup>
VT4992	CASE	471341 <sup>28</sup>	W1103	HU-WR	470530 <sup>28</sup>	W72117	W-PTS	48X72X7 <sup>28</sup>	W72-213	W-PTS	473823
VT7116	FUNK	450117	W1169	HU-WR	410312N	W72-121	W-PTS	223535	W72214	W-PTS	1213N
VT7116	FUNK	472572 <sup>28</sup>	W117701	HERCU	471570 <sup>28</sup>	W72-122	W-PTS	223535	W72216	W-PTS	1994
VT7139	FUNK	450352	W118001	HERCU	472164 <sup>28</sup>	W72123	W-PTS	224235	W72216	W-PTS	48X70X9 <sup>28</sup>
VT7139	FUNK	472164 <sup>28</sup>	W1260	WOOL	415088 <sup>28</sup>	W72123	W-PTS	42X58X7 <sup>28</sup>	W72-217	W-PTS	473812
VT815	MINNM	470712 <sup>28</sup>	W1260	WOOL	455088	W72-124	W-PTS	472213	W72-218	W-PTS	1999
VT901	MINNM	472015 <sup>28</sup>	W126011035	WOOL	415088 <sup>28</sup>	W72-126	W-PTS	223014	W72-219	W-PTS	473179 <sup>28</sup>
VX1322	COTTA	J1103	W126011035	WOOL	455088	W72131	W-PTS	1012N	W72-220	W-PTS	1949
VXS80	COC	470120	W136301	HERCU	J1103	W72132	W-PTS	224045	W72-221	W-PTS	1984
VXS80	COC	471224 <sup>28</sup>	W137701	HERCU	J1107	W72136	W-PTS	1174	W72-222	W-PTS	1992
VY2163	LETN	416282	W139701	HERCU	J1123	W72140	W-PTS	1180	W72223	W-PTS	1012N
VY67161	WABCO	417238	W15475	CASE	410825	W72140	W-PTS	41X55X7 <sup>28</sup>	W72226	W-PTS	225020
VZ2731	WABCO	412725	W1581	WOOL	473227	W72141	W-PTS	224045	W72226	W-PTS	50X68X8 <sup>28</sup>
VZ4044	WABCO	710027	W158111035	C-W	473227	W72144	W-PTS	1213N	W72-227	W-PTS	1959
VZ4339	WABCO	710030	W158111035	WOOL	473227	W72146	W-PTS	224820	W72228	W-PTS	224520
VZ51501	WABCO	455006N	W176511035	WOOL	415047	W72146	W-PTS	48X62X8 <sup>28</sup>	W72228	W-PTS	45X60X10 <sup>28</sup>
VZ53021	WABCO	455035N	W208K2E9003	FAFNI	200110	W72-147	W-PTS	473241			
W026901	HERCU	J1127	W209341	CROSL	471765 <sup>28</sup>	W72-148	W-PTS	473234 <sup>28</sup>	W72-228	WMG	224520
W03HH101	SPICE	370001A	W2189811	CROSL	471567 <sup>28</sup>	W72-149	W-PTS	471192	W72229	W-PTS	224840
W03HH101	SPICE	380001A	W2189812	CROSL	415007	W72-150	W-PTS	472164 <sup>28</sup>	W72231	W-PTS	41X56X7 <sup>28</sup>
W087601	HERCU	473214 <sup>28</sup>	W2189813	CROSL	416888 <sup>28</sup>	W72-155	W-PTS	471224 <sup>28</sup>	W72232	W-PTS	223542
W089401	HERCU	473464	W2189813	CROSL	455200	W72-156	W-PTS	471224 <sup>28</sup>	W72232	W-PTS	35X55X11 <sup>28</sup>
W093801	HERCU	J1128	W2189815	CROSL	471801 <sup>28</sup>	W72161	W-PTS	224045			
W097801	HERCU	J1134	W2189816	CROSL	417485	W72-164	W-PTS	482126	W72234	W-PTS	1174
W10098S	CASE	415001 <sup>28</sup>	W23838	JOHND	472535	W72-165	W-PTS	473238 <sup>28</sup>	W72-235	W-PTS	473238 <sup>28</sup>
W10098S	CASE	455001	W302638	CROSL	8160S	W72166	W-PTS	471192	W72-236	W-PTS	482126
W10-149	W-PTS	223035	W302639	CROSL	471763	W72173	W-PTS	41X56X7 <sup>28</sup>	W72-237	W-PTS	482126
W10150	W-PTS	227040	W45116	W-PTS	223010	W72-177	W-PTS	224015	W72-238	W-PTS	473238 <sup>28</sup>
W10150	W-PTS	70X90X10 <sup>28</sup>	W45116	W-PTS	30X42X7 <sup>28</sup>	W72178	W-PTS	224820	W72239	W-PTS	54X72X10 <sup>28</sup>
W10154	W-PTS	226020	W45-117	W-PTS	3051N	W72178	W-PTS	48X62X8 <sup>28</sup>	W72240	W-PTS	225230
W10154	W-PTS	60X80X8 <sup>28</sup>	W4A5538	ONAN	450076	W72-179	W-PTS	1960	W72240	W-PTS	52X72X8 <sup>28</sup>
W10154S	CASE	450275	W4A5538	ONAN	470334 <sup>28</sup>	W72-181	W-PTS	41X55X7 <sup>28</sup>	W72241	W-PTS	1012N
W10439S	CASE	6575S	W518	C-W	415379 <sup>28</sup>	W72-182	W-PTS	1959	W72241	WMG	1012N
W10642S	CASE	450067	W518	C-W	455379	W72-183	W-PTS	1960	W72-242	W-PTS	2002
W10642S	CASE	473228	W518	WOOL	415379 <sup>28</sup>	W72184	W-PTS	1955	W72-243	W-PTS	1992
W10650	W-PTS	223840	W518	WOOL	455379	W72184	W-PTS	52X65X9 <sup>28</sup>	W72-243	W-PTS	1992
W10650	W-PTS	38X58X8 <sup>28</sup>	W51811035	WOOL	415379 <sup>28</sup>	W72-185	W-PTS	1956	W72-247	W-PTS	473367
W10-653	W-PTS	3476	W51811035	WOOL	455379	W72186	W-PTS	223542	W72-248	W-PTS	494117
W10655	W-PTS	1994	W531	WOOL	415234 <sup>28</sup>	W72186	W-PTS	35X55X11 <sup>28</sup>	W72-249	W-PTS	471419
W10655	W-PTS	48X70X9 <sup>28</sup>	W53111035	WOOL	415234 <sup>28</sup>	W72186	W-PTS	35X55X11 <sup>28</sup>	W72-249	W-PTS	473367 <sup>28</sup>
W10-659	W-PTS	224025	W70476	CROSL	471466 <sup>28</sup>	W72187	W-PTS	224045	W72-249	WMG	473367
W10661	W-PTS	224520	W72-075	W-PTS	224210	W72-188	W-PTS	1188	W72-249	W-PTS	473367
W10661	W-PTS	45X60X10 <sup>28</sup>	W72-076	W-PTS	226285	W72189	W-PTS	1174	W72-250	W-PTS	494122
W10661	W-PTS	45X60X10 <sup>28</sup>	W72-077	W-PTS	52X72X8 <sup>28</sup>	W72-190	W-PTS	1183	W72253	W-PTS	225005
W10662	W-PTS	225020	W72-078	W-PTS	1948	W72199	W-PTS	1180	W72253	W-PTS	50X62X7 <sup>28</sup>
W10662	W-PTS	50X68X8 <sup>28</sup>	W72-082	W-PTS	1174	W72199	W-PTS	41X55X7 <sup>28</sup>	W72-254	W-PTS	224015
W10663	W-PTS	223830	W72-084	W-PTS	225650	W72199	W-PTS	41X55X7 <sup>28</sup>	W72255	W-PTS	226285
W10663	W-PTS	38X55X7 <sup>28</sup>	W72-089	W-PTS	225650	W72-200	W-PTS	1950	W72255	W-PTS	62X85X8 <sup>28</sup>
W10-664	W-PTS	3771	W72-092	W-PTS	473677	W72-201	W-PTS	1962	W72-256	W-PTS	1943
W10-665	W-PTS	473237 <sup>28</sup>	W72-094	W-PTS	4099	W72202	W-PTS	1973	W72-258	W-PTS	2003N <sup>28</sup>
W10668	W-PTS	1994	W72-095	W-PTS	239201	W72203	W-PTS	224820	W72-259	W-PTS	3677
W10668	W-PTS	48X70X9 <sup>28</sup>	W72-098	W-PTS	224210	W72203	W-PTS	48X62X8 <sup>28</sup>	W72260	W-PTS	225110
W10-669	W-PTS	473237 <sup>28</sup>	W72103	W-PTS	1012N	W72204	W-PTS	224270	W72-263	W-PTS	1986
W10-703	W-PTS	228010	W72104	W-PTS	1012N	W72204	W-PTS	42X72X10 <sup>28</sup>	W72-264	W-PTS	444116
			W72106	W-PTS	224045	W72-206	W-PTS	1974	W72265	W-PTS	225110
									W72266	W-PTS	223605

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
W72266	W-PTS	36X50X7 <sup>28</sup>	WA47110F	BORGW	450260	WFD124	RACIN	473226	WY31912-81	LK-BT	450070
W72267	W-PTS	224820	WA500110	BORGW	470380 <sup>28</sup>	WIR441	MERIX	J1119	WY31912-81	LK-BT	472185 <sup>28</sup>
W72267	W-PTS	48X62X8 <sup>28</sup>	WA500110-A	BORGW	472164 <sup>28</sup>	WIR441	ROCKW	J1119	WZ2731	WABCO	412725
W72-269	W-PTS	229522	WA50110	BORGW	473227	WIR462	MERIX	100495	X0120L200	CONTI	450446
W72270	W-PTS	225010	WA5710-A	BORGW	410496 <sup>28</sup>	WIR462	MERIX	5601	X0120L210	CONTI	415389
W72270	W-PTS	50X65X8 <sup>28</sup>	WA5900	WABCO	55563	WIR462	ROCKW	100495	X0373170	IH	415962
W72-270	WMG	1209	WA5908	WABCO	416345 <sup>28</sup>	WIR462	ROCKW	5601	X0E9	WHITE	472041
W72-272	W-PTS	35X47X7	WA5908	WABCO	455033	WJ318	F-R-H	417211 <sup>28</sup>	X0E9	WHITE	473454
W72-273	W-PTS	4990	WA5954	WABCO	5751	WJ495	F-R-H	455584	X1015992	DURA	473313 <sup>28</sup>
W72-274	W-PTS	48X62X8 <sup>28</sup>	WA5955	WABCO	450084 <sup>28</sup>	WJ618	F-R-H	417211 <sup>28</sup>	X10693	REX	455008
W72275	W-PTS	1012N	WA5969	WABCO	472164 <sup>28</sup>	WK116757	ALLCH	415458 <sup>28</sup>	X10736	AMC	450066
W72-278	W-PTS	3395 <sup>28</sup>	WA5989	WABCO	6936S <sup>28</sup>	WK116757	ALLCH	455003	X10736	AMC	473367 <sup>28</sup>
W72279	W-PTS	1012N	WA5989	WABCO	9845	WKH3519	C-R	1962	X108	ULRIC	410694 <sup>28</sup>
W72-280	W-PTS	480630 <sup>28</sup>	WA66110	BORGW	470189	WKH3519	SKF	1962	X109444A	BOSTN	471255 <sup>28</sup>
W72-280	W-PTS	480991	WA66110	BORGW	471692 <sup>28</sup>	WKM85641	ALLCH	330385 <sup>28</sup>	X10955	BRAD	470380 <sup>28</sup>
W72-281	W-PTS	223535	WA66110A	BORGW	470358	WO-10	ATP	4359V	X11144	PARGN	473446
W72282	W-PTS	224255	WA66110A	BORGW	473231 <sup>28</sup>	WO-9	ATP	3622	X115	HOUGH	472394
W72282	W-PTS	42X65X10 <sup>28</sup>	WA67110	BORGW	471808 <sup>28</sup>	WO93801	HERCU	J1128	X11518	PARGN	416664 <sup>28</sup>
W72-284	W-PTS	225650	WA67110A	BORGW	473215 <sup>28</sup>	WO97801	HERCU	J1134	X1160122	ALLCH	416135 <sup>28</sup>
W72-285	W-PTS	225225	WA69110A	BORGW	415458 <sup>28</sup>	WP17733	ALLCH	473228 <sup>28</sup>	X1160216	ALLCH	416556 <sup>28</sup>
W72-286	W-PTS	482126	WA69110A	BORGW	455003	WR11063	GW	415013	X1160216	ALLCH	472157
W72-287	W-PTS	224015	WA7052	FORD	410059	WR11063	GW	415995 <sup>28</sup>	X1160246	ALLCH	415137 <sup>28</sup>
W72288	W-PTS	224820	WA7052	FORD	470380 <sup>28</sup>	WR11064	GW	417541	X1160246	ALLCH	418028
W72288	W-PTS	48X62X8 <sup>28</sup>	WA84110A	BORGW	417551	WR11141	GW	473245 <sup>28</sup>	X1160303	ALLCH	470954 <sup>28</sup>
W72290	W-PTS	225110	WA84110C	BORGW	416624 <sup>28</sup>	WR11582	GW	470077	X1162562	ALLCH	472164 <sup>28</sup>
W72290	W-PTS	5695	WA84110D	BORGW	417254	WR11582	GW	474281 <sup>28</sup>	X1162682	ALLCH	472572 <sup>28</sup>
W72-291	W-PTS	5696	WA84110F	BORGW	471341 <sup>28</sup>	WR14310	GW	416888 <sup>28</sup>	X1162694	ALLCH	472397 <sup>28</sup>
W72292	W-PTS	223840	WA84110H	BORGW	471341 <sup>28</sup>	WR14310	GW	455200	X1162717	FUNK	416154 <sup>28</sup>
W72292	W-PTS	38X58X8 <sup>28</sup>	WA84110J	BORGW	416624 <sup>28</sup>	WR15090	GW	450083	X11791	PARGN	473224 <sup>28</sup>
W72-296	W-PTS	226020	WA84110K	BORGW	417551	WR15090	GW	472924 <sup>28</sup>	X118	ULRIC	450070
W72298	W-PTS	225010	WA84110L	BORGW	415899N	WR16607	GW	417538	X118	ULRIC	472185 <sup>28</sup>
W72298	W-PTS	50X65X8 <sup>28</sup>	WA84110L	BORGW	416624N	WR254	CEW	224045	X11872	BRAD	470358
W72299	W-PTS	710097	WA87110	BORGW	415449 <sup>28</sup>	WR309	CEW	224235	X11872	BRAD	473231 <sup>28</sup>
W794	NORDG	450078	WA87110	BORGW	455147	WR309	CEW	42X58X7 <sup>28</sup>	X12127	PARGN	473010 <sup>28</sup>
W794	NORDG	473444	WA88110	BORGW	450494	WR398	CEW	1174	X1220	BORGW	455018
W853	WOOL	412920 <sup>28</sup>	WA88110	BORGW	472164 <sup>28</sup>	WR546	CEW	228010	X1220	BORGW	476470
W853	WOOL	450132	WA9019	BORGW	412920 <sup>28</sup>	WR9046	GW	417211 <sup>28</sup>	X1220	IG-RA	455018
W85311035	WOOL	412920 <sup>28</sup>	WAA4676	FORD	6930	WR9255	GW	417355 <sup>28</sup>	X1220	IG-RA	476470
W85311035	WOOL	450132	WAA4676B	FORD	6930	WR9839	GW	415196 <sup>28</sup>	X122051	BORGW	450301
W86611035	WOOL	450076	WAA7052A	FORD	410059	WRF1115	AU-WS	5965	X122051	BORGW	472397 <sup>28</sup>
W86611035	WOOL	470334 <sup>28</sup>	WAA7052A	FORD	470380 <sup>28</sup>	WRF1115A	B-L-H	5965	X122053	BORGW	417344 <sup>28</sup>
W873	HU-WR	450070	WAA7052A1	FORD	410059	WRF1115A	CLARK	5965	X122053	BORGW	455006
W873	HU-WR	472185 <sup>28</sup>	WAT4676A	FORD	470380 <sup>28</sup>	WS238A32	FORD	471652	X122054	BORGW	455018
W874	HU-WR	412119 <sup>28</sup>	WAT4676A3	FORD	6930	WS238A32	FORD	482208 <sup>28</sup>	X122054	BORGW	476470
W874	HU-WR	450101	WAT4676A3	FORD	6930	WVR23	DEVIL	471538 <sup>28</sup>	X122055	BORGW	415066
W950	NORDG	411245 <sup>28</sup>	WAT4676B	FORD	7044NA	WX13136	ALLCH	40370S	X12207	BORGW	471137
W950	NORDG	455096	WAT4676B1	FORD	7044NA	WX916	GMC	240385	X122071	BORGW	472012
W966	WOOL	450076	WAT4676B2	FORD	7044NA	WY319121	LK-BT	6863S <sup>28</sup>	X1220T52	BORGW	412119 <sup>28</sup>
W966	WOOL	470334 <sup>28</sup>	WD756	MINNM	470543	WY31912-105	LK-BT	410312N	X1220T52	BORGW	450101
WA200110-A	BORGW	55563	WD756	MINNM	474272	WY31912-109	LK-BT	473245 <sup>28</sup>	X12433	BRAD	450494
WA202110	BORGW	416404 <sup>28</sup>	WE0026A	NOK	221207	WY31912-129	LK-BT	415449 <sup>28</sup>	X12433	BRAD	472164 <sup>28</sup>
WA25030	WABCO	472572 <sup>28</sup>	WE0026-A0	NOK	221207	WY31912-129	LK-BT	455147	X125514	LEROI	480630 <sup>28</sup>
WA3387	WABCO	416339	WE60662	BCABG	1962	WY31912-145	LK-BT	417316 <sup>28</sup>	X13176	PARGN	471268N
WA47110A	BORGW	470625 <sup>28</sup>	WF01152	RACIN	471442 <sup>28</sup>	WY31912-145	LK-BT	455004	X1318939	GMC	450352
WA47110C	BORGW	450494	WF01164	RACIN	471472 <sup>28</sup>	WY31912-25	LK-BT	471570 <sup>28</sup>	X1318939	GMC	472164 <sup>28</sup>
WA47110C	BORGW	472164 <sup>28</sup>	WF0124	RACIN	473226	WY31912-41	LK-BT	470045	X1334284	GMC	450183
WA47110D	BORGW	471192	WF0145	RACIN	470027	WY31912-41	LK-BT	476838 <sup>28</sup>	X1334284	GMC	472179
WA47110E	BORGW	470548	WF0145	RACIN	471554 <sup>28</sup>	WY31912-49	LK-BT	470163	X13444	BOSTN	350909
WA47110E	BORGW	470625 <sup>28</sup>	WF0170	RACIN	474278	WY31912-49	LK-BT	471766 <sup>28</sup>	X13444	BOSTN	471224 <sup>28</sup>
			WF0170	RACIN	480356	WY3191257	LK-BT	471192	X1380974	GMC	473179 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
X13C207	CONTI	471466 <sup>28</sup>	X22270	ALLCH	450316	X30162122	NATAU	471801 <sup>28</sup>	X3016279	NATAU	473420
X13T296	BORGW	450593 <sup>28</sup>	X22270	ALLCH	472636 <sup>28</sup>	X30162123	NATAU	471801 <sup>28</sup>	X301628	NATAU	471472 <sup>28</sup>
X13T296	IG-RA	450593 <sup>28</sup>	X223770	US-EL	416288 <sup>28</sup>	X30162124	NATAU	471801 <sup>28</sup>	X3016286	NATAU	471747 <sup>28</sup>
X13T2A	BORGW	450301	X225818	US-EL	415988	X30162125	NATAU	471808 <sup>28</sup>	X3016286	NATAU	472674
X13T2A	BORGW	472397 <sup>28</sup>	X22658	MYERS	455280	X30162126	NATAU	471808 <sup>28</sup>	X3016288	NATAU	471747 <sup>28</sup>
X13T-2A	IG-RA	450301	X22793	ALLCH	471689 <sup>28</sup>	X30162127	NATAU	471808 <sup>28</sup>	X3016288	NATAU	472674
X13T-2A	IG-RA	472397 <sup>28</sup>	X22949	ALLCH	450183	X30162143	NATAU	472826 <sup>28</sup>	X3016289	NATAU	471785 <sup>28</sup>
X13T536	BORGW	470403	X22949	ALLCH	472179	X30162144	NATAU	472826 <sup>28</sup>	X301629	NATAU	471549 <sup>28</sup>
X13T536	BORGW	470774V	X22950	ALLCH	471138 <sup>28</sup>	X30162145	NATAU	472826 <sup>28</sup>	X3016290	NATAU	471785 <sup>28</sup>
X-13-T536	IG-RA	470403	X230926	US-EL	415147	X30162146	NATAU	473212 <sup>28</sup>	X3016291	NATAU	471785 <sup>28</sup>
X-13-T536	IG-RA	470774 <sup>28</sup>	X230926	US-EL	415449 <sup>28</sup>	X30162147	NATAU	473212 <sup>28</sup>	X3016292	NATAU	417520
X14231	BRAD	471466 <sup>28</sup>	X231444101	BOSTN	471684 <sup>28</sup>	X30162148	NATAU	473212 <sup>28</sup>	X3016293	NATAU	417520
X143620	FORD	482253	X231444101	BOSTN	471698	X30162149	NATAU	473213 <sup>28</sup>	X3016294	NATAU	417520
X143621	FORD	474255	X232829	US-EL	417171 <sup>28</sup>	X30162150	NATAU	473213 <sup>28</sup>	X3016298	NATAU	473426
X143626	FORD	472012	X236	HOUGH	450275	X30162151	NATAU	473213 <sup>28</sup>	X3016299	NATAU	473426
X1507	CONTI	471137	X237	HOUGH	470950 <sup>28</sup>	X3016217	NATAU	471281 <sup>28</sup>	X3018687	NATAU	471747 <sup>28</sup>
X1512	CONTI	450269	X237	HOUGH	6241S	X3016218	NATAU	471281 <sup>28</sup>	X3018687	NATAU	472674
X1518	CONTI	450115	X25215	IH	416865 <sup>28</sup>	X3016219	NATAU	471535 <sup>28</sup>	X-301-SL799	B-L-H	472492 <sup>28</sup>
X1518	CONTI	473467 <sup>28</sup>	X262339	US-EL	415034 <sup>28</sup>	X3016220	NATAU	471535 <sup>28</sup>	X-301-SN799	B-L-H	470380 <sup>28</sup>
X1519	CONTI	450446	X2671	COC	472560N <sup>28</sup>	X3016221	NATAU	471551 <sup>28</sup>	X-301-SP799	B-L-H	471338 <sup>28</sup>
X152	ULRIC	472015 <sup>28</sup>	X2671	COC	50151S	X3016222	NATAU	471551 <sup>28</sup>	X301SP799	CLARK	415138 <sup>28</sup>
X1527	CONTI	410101N	X2672	COC	471820	X3016223	NATAU	471466 <sup>28</sup>	X32142	FMC	415984 <sup>28</sup>
X15299A	CASE	450984	X2711	KOHL	330385 <sup>28</sup>	X3016224	NATAU	471466 <sup>28</sup>	X332433102	BOSTN	473010 <sup>28</sup>
X153	ULRIC	450066	X27110	KOHL	471646 <sup>28</sup>	X3016225	NATAU	473405	X332672	WHITE	471419
X153	ULRIC	473367 <sup>28</sup>	X27113	KOHL	474276 <sup>28</sup>	X3016226	NATAU	473405	X332672	WHITE	473367 <sup>28</sup>
X1553	CONTI	470543	X27114	KOHL	450117	X3016229	NATAU	471466 <sup>28</sup>	X351A	CHERY	455186
X1553	CONTI	474272 <sup>28</sup>	X27114	KOHL	472572 <sup>28</sup>	X3016233	NATAU	471255 <sup>28</sup>	X352A	CHERY	416107 <sup>28</sup>
X1555	CONTI	8650S	X27117	KOHL	340815	X3016234	NATAU	471255 <sup>28</sup>	X352A	CHERY	455073
X1607024	GMC	8871	X27118	KOHL	450441	X3016235	NATAU	481073	X353986	US-EL	200642
X169759	US-EL	471076	X27118	KOHL	471341 <sup>28</sup>	X3016236	NATAU	481073	X363	HOUGH	455019 <sup>28</sup>
X17036	AMC	450066	X2712	KOHL	472287 <sup>28</sup>	X3016237	NATAU	450025	X377	HOUGH	472144 <sup>28</sup>
X17036	AMC	473367 <sup>28</sup>	X27124	KOHL	450065	X3016237	NATAU	471553 <sup>28</sup>	X3796	KOHL	470380 <sup>28</sup>
X17604	US-EL	450039	X2713	KOHL	470088	X3016238	NATAU	450025	X38444A	BOSTN	450593 <sup>28</sup>
X176888	US-EL	471272 <sup>28</sup>	X2714	KOHL	471466 <sup>28</sup>	X3016238	NATAU	471553 <sup>28</sup>	X407279	WHITE	415007
X178187	GMC	240119	X2716	KOHL	471567 <sup>28</sup>	X3016241	NATAU	470027	X407346	WHITE	410308 <sup>28</sup>
X17909	GMC	471554 <sup>28</sup>	X2719	KOHL	471267 <sup>28</sup>	X3016241	NATAU	471554 <sup>28</sup>	X407346	WHITE	450308
X179175	CUMMI	J1134	X275	CUSH	471643 <sup>28</sup>	X3016242	NATAU	470027	X407363	WHITE	410694 <sup>28</sup>
X17937A	VICK	340823	X28	GEHL	472015 <sup>28</sup>	X3016242	NATAU	471554 <sup>28</sup>	X419339	WHITE	417556
X20264143	REX	450301	X28473	FMC	5865	X3016243	NATAU	471231 <sup>28</sup>	X420538	WHITE	415645 <sup>28</sup>
X20264143	REX	472397 <sup>28</sup>	X285525	US-EL	417181 <sup>28</sup>	X3016244	NATAU	471231 <sup>28</sup>	X420538	WHITE	455104
X202648143	REX	450301	X28A2122	DALMO	240716	X3016245	NATAU	471267 <sup>28</sup>	X425651	WHITE	410101N
X202648143	REX	472397 <sup>28</sup>	X3010	FUNK	472029	X3016246	NATAU	471267 <sup>28</sup>	X425746	WHITE	450194
X203536	REX	450069	X30162	NATAU	471103 <sup>28</sup>	X3016247	NATAU	471570 <sup>28</sup>	X425746	WHITE	473010 <sup>28</sup>
X203536	REX	473232	X30162	NATAU	50197S	X3016248	NATAU	471570 <sup>28</sup>	X425747	WHITE	450070
X20385941	REX	472394	X301621	NATAU	330385 <sup>28</sup>	X3016249	NATAU	471571	X425747	WHITE	472185 <sup>28</sup>
X20433	BOSTN	340771	X3016210	NATAU	471549 <sup>28</sup>	X3016250	NATAU	471571	X425748	WHITE	417316 <sup>28</sup>
X20779	FORD	2443	X30162100	NATAU	473426	X3016251	NATAU	451583 <sup>28</sup>	X425748	WHITE	455004
X211111	US-EL	450400	X30162101	NATAU	471354 <sup>28</sup>	X3016252	NATAU	451583 <sup>28</sup>	X430339	WHITE	416153 <sup>28</sup>
X212176	US-EL	415302	X30162102	NATAU	471354 <sup>28</sup>	X3016253	NATAU	450040	X43482A	VICK	471192
X21230	GMC	418028	X30162103	NATAU	471354 <sup>28</sup>	X3016262	NATAU	450593 <sup>28</sup>	X445016	WHITE	340823
X21230	GMC	455137 <sup>28</sup>	X30162104	NATAU	450048	X3016265	NATAU	453165	X448	HOUGH	417596
X21238	GMC	415937 <sup>28</sup>	X30162105	NATAU	450048	X3016265	NATAU	471619 <sup>28</sup>	X452064	WHITE	6545
X220073	US-EL	415991 <sup>28</sup>	X3016211	NATAU	471530	X3016266	NATAU	453165	X46248	GMC	471763
X220073	US-EL	415991N	X30162116	NATAU	471750 <sup>28</sup>	X3016266	NATAU	471619 <sup>28</sup>	X46249	GMC	412473 <sup>28</sup>
X220074	US-EL	416380 <sup>28</sup>	X30162117	NATAU	471750 <sup>28</sup>	X301627	NATAU	471472 <sup>28</sup>	X46249	GMC	415894
X220734	FORD	471763	X30162118	NATAU	471750 <sup>28</sup>	X3016274	NATAU	450342	X470207	STUDE	340385
X220903	US-EL	473016 <sup>28</sup>	X30162119	NATAU	471787 <sup>28</sup>	X3016275	NATAU	450342	X4788	COC	204035
X221327	US-EL	471821 <sup>28</sup>	X3016212	NATAU	471530	X3016276	NATAU	450342	X495045	WHITE	470004 <sup>28</sup>
X221444	BOSTN	471549 <sup>28</sup>	X30162120	NATAU	471787 <sup>28</sup>	X3016277	NATAU	473420	X50058	GMC	350156
X221444	BOSTN	472467	X30162121	NATAU	471787 <sup>28</sup>	X3016278	NATAU	473420	X50058	GMC	473096

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
X50734	BENDI	340771	X628809	WHITE	471737	X72202A	VICK	240385	XA129585	CASE	416267 <sup>2B</sup>
X50743	BENDI	240319	X6294	REX	415371	X727262	BORGW	410867N	XA130146	CASE	415027
X50799	ALLCH	416364 <sup>2B</sup>	X630	REX	450083	X729120	US-EL	471391 <sup>2B</sup>	XA132694	CASE	417509
X508175	US-EL	473445	X630	REX	472924 <sup>2B</sup>	X730082	US-EL	470605 <sup>2B</sup>	XA133379	HWY	417494
X514308	US-EL	450352	X6329	REX	415937 <sup>2B</sup>	X730093	US-EL	470898	XA13640	CASE	473475
X514308	US-EL	472164 <sup>2B</sup>	X6335	REX	480210 <sup>2B</sup>	X730624	US-EL	415563	XA138225	CASE	413470 <sup>2B</sup>
X52089	BENDI	472560N <sup>2B</sup>	X6336	REX	470120	X730624	US-EL	417433 <sup>2B</sup>	XA14848	CASE	415138 <sup>2B</sup>
X52089	BENDI	50151S	X6336	REX	471224 <sup>2B</sup>	X730625	US-EL	415483	XA1487	PREST	240470
X52167	BENDI	471267 <sup>2B</sup>	X6349	REX	416107 <sup>2B</sup>	X73083	US-EL	450400	XA152753	GMC	350909
X5229	JOHND	472287 <sup>2B</sup>	X6349	REX	455073	X7517	REX	471689 <sup>2B</sup>	XA152753	GMC	471224 <sup>2B</sup>
X52444A	BOSTN	471750 <sup>2B</sup>	X6353	REX	411245 <sup>2B</sup>	X7564	REX	417546 <sup>2B</sup>	XA153325	CASE	416404 <sup>2B</sup>
X53616	GMC	413246	X6353	REX	455096	X7610	REX	455249 <sup>2B</sup>	XA154253	CASE	471424 <sup>2B</sup>
X53616	GMC	413246N	X6363	REX	416654 <sup>2B</sup>	X7723	REX	205035	XA156617	CASE	471272 <sup>2B</sup>
X5391	BORGW	470027	X6363	REX	455012	X7810	CONTI	8650S	XA15678	CASE	450444
X5391	BORGW	471554 <sup>2B</sup>	X6364	REX	470169	X7812	CONTI	470543	XA15678	CASE	471835 <sup>2B</sup>
X5393	CONTI	450389	X6364	REX	473214 <sup>2B</sup>	X7812	CONTI	474272 <sup>2B</sup>	XA15683	CASE	473227
X5393	CONTI	472492 <sup>2B</sup>	X637	REX	473211 <sup>2B</sup>	X7852	REX	417191	XA15684	CASE	450183
X5397	CONTI	411245 <sup>2B</sup>	X638090	WHITE	5872S	X78970	US-EL	471267 <sup>2B</sup>	XA15684	CASE	472179
X5397	CONTI	455096	X6382	REX	416153 <sup>2B</sup>	X7903	REX	472439	XA15692	CASE	417181 <sup>2B</sup>
X5415	BU-SP	240385	X6387	REX	473243	X8006	REX	450467	XA15769	CASE	415379
X545	CASE	471466 <sup>2B</sup>	X6389	REX	473225 <sup>2B</sup>	X8057	REX	412871 <sup>2B</sup>	XA15821	CASE	450352
X549	CASE	471442 <sup>2B</sup>	X6392	REX	411394 <sup>2B</sup>	X8057	REX	450329	XA15821	CASE	472164 <sup>2B</sup>
X551469	US-EL	472144 <sup>2B</sup>	X6392	REX	450317	X8089	REX	450183	XA158371	CASE	471424 <sup>2B</sup>
X55311	GMC	474276 <sup>2B</sup>	X64030	SPICE	471442 <sup>2B</sup>	X8089	REX	472179	XA16138	CASE	450441
X556927	US-EL	415259 <sup>2B</sup>	X6486A	VICK	418028	X82025	US-EL	450039	XA16138	CASE	471341 <sup>2B</sup>
X558070	US-EL	472179	X6486A	VICK	455137 <sup>2B</sup>	X8208	REX	415254	XA17037	CASE	455566
X560324	US-EL	450457	X650638	US-EL	471869	X8209	REX	472432	XA17416	CASE	415458 <sup>2B</sup>
X563000	US-EL	470163	X650638	US-EL	473459	X8209	REX	474256	XA17416	CASE	455003
X563000	US-EL	471766 <sup>2B</sup>	X650841	US-EL	471570 <sup>2B</sup>	X8210	REX	450083	XA18156	CASE	456105
X565043	US-EL	450275	X654335	US-EL	471424 <sup>2B</sup>	X8210	REX	472924 <sup>2B</sup>	XA18547	CASE	471579
X569684	US-EL	472185 <sup>2B</sup>	X6549	REX	412119 <sup>2B</sup>	X84534	US-EL	415302	XA18799	CASE	472636 <sup>2B</sup>
X5704	REX	415960 <sup>2B</sup>	X6549	REX	450101	X84570	DALMO	450457	XA18809	CASE	411376 <sup>2B</sup>
X5704	REX	455009	X658057	US-EL	481397	X84570	US-EL	450457	XA19064	CASE	415449 <sup>2B</sup>
X5705	REX	472012	X6586	REX	474274	X84571	US-EL	450352	XA19064	CASE	455147
X573769	US-EL	450069	X658621	IH	416130 <sup>2B</sup>	X84571	US-EL	472164 <sup>2B</sup>	XA19644	GMC	471538 <sup>2B</sup>
X573769	US-EL	473232	X65862231	IH	412943	X84573	US-EL	450183	XA20732	CASE	415003
X5764	REX	415995 <sup>2B</sup>	X658623	IH	450494	X84573	US-EL	472179	XA20732	CASE	415458 <sup>2B</sup>
X5764	REX	455013	X658623	IH	472164 <sup>2B</sup>	X89048	US-EL	470064	XA20964	CASE	472658
X5833	KOHL	471413 <sup>2B</sup>	X661762	US-EL	471570 <sup>2B</sup>	X89048	US-EL	471821 <sup>2B</sup>	XA20964	CASE	473197
X583335	US-EL	473232 <sup>2B</sup>	X662697	EL-MO	470064	X89204	US-EL	471192	XA21243	CASE	450494
X5834	KOHL	473215 <sup>2B</sup>	X662697	EL-MO	471821 <sup>2B</sup>	X8948	KEWNE	204027	XA21243	CASE	472164 <sup>2B</sup>
X5964	REX	472015 <sup>2B</sup>	X662697	US-EL	470064	X8C1190	FORD	5827	XA21672	CASE	418028
X602	REX	470950 <sup>2B</sup>	X662697	US-EL	471821 <sup>2B</sup>	X8N4233	FORD	471868	XA21672	CASE	455137 <sup>2B</sup>
X602	REX	6241S	X664295	US-EL	473244 <sup>2B</sup>	X96863	GMC	3893V <sup>2B</sup>	XA21673	CASE	418028
X-602-23715	REX	470950 <sup>2B</sup>	X665395	US-EL	416267 <sup>2B</sup>	X97421	VICK	482126	XA21673	CASE	455137 <sup>2B</sup>
X-602-23715	REX	6241S	X6744	REX	416167 <sup>2B</sup>	X98196	BORGW	471442 <sup>2B</sup>	XA23602	CASE	470351
X6082	PETTI	473245 <sup>2B</sup>	X6744	REX	455091	X98197	BORGW	471466 <sup>2B</sup>	XA23602	CASE	471504 <sup>2B</sup>
X6114	REX	415035 <sup>2B</sup>	X6767	REX	415001 <sup>2B</sup>	XA077029AA	JOHND	417484N	XA24140	CASE	415036
X6114	REX	455035	X6767	REX	455001	XA077029AA	JOHND	455322	XA24142	CASE	415036
X6115	REX	455018	X6811	REX	416011	XA1024	PREST	471554 <sup>2B</sup>	XA24683	GMC	472439
X6115	REX	476470	X6811	REX	417621 <sup>2B</sup>	XA1104	PREST	471354 <sup>2B</sup>	XA26033	CASE	472015 <sup>2B</sup>
X61397	US-EL	412943	X6872	REX	410312N	XA11248	CASE	417316 <sup>2B</sup>	XA26425	CASE	470219
X6160	REX	417357	X6879	REX	450185	XA11248	CASE	455004	XA26425	CASE	471649 <sup>2B</sup>
X6160	REX	455192 <sup>2B</sup>	X6879	REX	473229	XA11339	CASE	410308 <sup>2B</sup>	XA29463	CASE	450519
X6176	REX	413469 <sup>2B</sup>	X6931	REX	417492	XA11339	CASE	450308	XA29463	CASE	471271 <sup>2B</sup>
X61794	US-EL	471648	X6995	REX	450154	XA11747	CASE	473226	XA31465	CASE	415984 <sup>2B</sup>
X6205	REX	473457 <sup>2B</sup>	X6995	REX	473234	XA1176	OLIVE	416271 <sup>2B</sup>	XA40865	CASE	470898
X6209	REX	471689 <sup>2B</sup>	X708819	AVCO	451143	XA12384	GMC	471442 <sup>2B</sup>	XA41888	CASE	J1103
X6221	REX	470059	X7100	REX	472144 <sup>2B</sup>	XA12523	CASE	415035 <sup>2B</sup>	XA43515	CASE	415137 <sup>2B</sup>
X6221	REX	470380 <sup>2B</sup>	X7117	REX	456105	XA12523	CASE	455035	XA43515	CASE	418028

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
XA43517	CASE	417499	XAB12038	JOHND	330385 <sup>28</sup>	XD0392-E0	NOK	710168	XH0450-F0	NOK	710779
XA43518	CASE	J1125	XAB22514	JOHND	410496 <sup>28</sup>	XE13250E	JOHND	471841	XH0496E	NOK	710900
XA43816	CASE	413247 <sup>28</sup>	XAF22204	JOHND	415035 <sup>28</sup>	XE17609E	JOHND	416339	XH0496-E0	NOK	710900
XA43817	CASE	415984 <sup>28</sup>	XAF22204	JOHND	455035	XE177	OLIVE	472951	XH0498E	NOK	222030
X-A445FHA	CASE	472560N <sup>28</sup>	XAG10583	JOHND	5872S	XE177	OLIVE	474252	XH0498-E0	NOK	222030
X-A445FHA	CASE	50151S	XAG15542	JOHND	470120	XE3TW11772	FORD	8835S	XH0500E	NOK	710699
XA45392	CASE	471413 <sup>28</sup>	XAG15542	JOHND	471224 <sup>28</sup>	XE82354	FORD	471689 <sup>28</sup>	XH0500-E0	NOK	710699
XA50244	STUDE	471787 <sup>28</sup>	XAG15991	JOHND	480630 <sup>28</sup>	XED8906	EATON	471267 <sup>28</sup>	XH0506G	NOK	710778
XA5089129	IH	412027	XAG17458	JOHND	471442 <sup>28</sup>	XER90620	EATON	450867	XH0506-G0	NOK	710778
XA5539159	IH	450083	XAG18773	JOHND	410520	XER90620	EATON	470898	XH0533E	NOK	710931
XA5539159	IH	472924 <sup>28</sup>	XAG18773	JOHND	471272 <sup>28</sup>	XER90654	EATON	471869	XH0533-E0	NOK	710931
XA5539278	IH	472299	XAG18773A	JOHND	450441	XER90654	EATON	473459	XH0566E	NOK	710934
XA5580144	IH	415449 <sup>28</sup>	XAG18773A	JOHND	471341 <sup>28</sup>	XER90703	EATON	471532	XH0566-E0	NOK	710934
XA5580144	IH	455147	XAG18811	JOHND	323138 <sup>28</sup>	XER90724	EATON	450067	XH0604E	NOK	710114
XA558092	IH	415379 <sup>28</sup>	XAG21328A	JOHND	474276 <sup>28</sup>	XER90724	EATON	473228	XH0604-E0	NOK	710114
XA558092	IH	455379	XAH91356	JOHND	472658	XER91444	EATON	350936	XH0955E	NOK	710912
XA597	AU-LI	471442 <sup>28</sup>	XAH91356	JOHND	473197	XER9213	ALLCH	472705 <sup>28</sup>	XH0955-E0	NOK	710912
XA652	AU-LI	470163	XAK2019A	JOHND	474278	XET95343	EATON	413246	XH0958E	NOK	710913
XA652	AU-LI	471766 <sup>28</sup>	XAK2019A	JOHND	480356	XET95343	EATON	413246N	XH0958-E0	NOK	710913
XA654	AU-LI	351487	XAK2027	JOHND	471231 <sup>28</sup>	XET95349	EATON	471224 <sup>28</sup>	XH0959E	NOK	710596
XA654436	US-EL	472658	XAO16492	JOHND	473241	XF-27240	BORGW	416891 <sup>28</sup>	XH0959-E0	NOK	710596
XA654436	US-EL	473197	XAO16784	JOHND	472560N <sup>28</sup>	XF52-6700AA	FORD	224052	XH0959F	NOK	710596
XA694	AU-LI	471762 <sup>28</sup>	XAO16784	JOHND	50151S	XF5Z6700A	FORD	710308	XH0959-F0	NOK	710596
XA717	AU-LI	470120	XAO5188	JOHND	472179	XF5Z-6700AA	FORD	224052	XH1104E	NOK	711039
XA717	AU-LI	471224 <sup>28</sup>	XAO5258	JOHND	473227	XF5Z-6701-AA	FORD	228411	XH1104-E0	NOK	711039
XA721	AU-LI	471571	XAO77079A	JOHND	417484N	XFS2S	CASE	473473	XH1104G	NOK	711039
XA74217	CASE	416107 <sup>28</sup>	XAO77079A	JOHND	455322	XG167	OLIVE	470163	XH1104-G0	NOK	711039
XA78731	ALLCH	410519	XAO77631AA	JOHND	450519	XG167	OLIVE	471766 <sup>28</sup>	XH11726	FORD	471763
XA78731	ALLCH	471271 <sup>28</sup>	XAO77631AA	JOHND	471271 <sup>28</sup>	XG168	OLIVE	470169	XH125254	LEROI	470543
XA813	AU-LI	471231 <sup>28</sup>	XAO7991A	JOHND	41264S	XG168	OLIVE	473214 <sup>28</sup>	XH125254	LEROI	474272
XA81806	STUDE	471787 <sup>28</sup>	XAO7991B	JOHND	340009S	XG2811	JOHND	473227	XH139	OLIVE	450301
XA876	AU-LI	330385 <sup>28</sup>	XAR15155	JOHND	472164 <sup>28</sup>	XG328	OLIVE	471765 <sup>28</sup>	XH139	OLIVE	472397 <sup>28</sup>
XA91793	CASE	415294 <sup>28</sup>	XAR28635	JOHND	340356	XH0091E	NOK	710737	XH1442E	NOK	710731
XA91831	CASE	471442 <sup>28</sup>	XAR33144	JOHND	450400	XH0091-E0	NOK	710737	XH1442-E0	NOK	710731
XA92050	CASE	415937 <sup>28</sup>	XARE110	JOHND	450474	XH0102E	NOK	710621	XH1530433	BOSTN	450083
XA92072	CASE	473237 <sup>28</sup>	XARE3342	JOHND	470954 <sup>28</sup>	XH0102-E0	NOK	710621	XH1530433	BOSTN	472924 <sup>28</sup>
XA99254	CASE	415147	XARE4222	JOHND	450084 <sup>28</sup>	XH0109E	NOK	710914	XJ215S	CASE	472560N <sup>28</sup>
XA99254	CASE	415449 <sup>28</sup>	XARE481	JOHND	417181 <sup>28</sup>	XH0109-E0	NOK	710914	XJ215S	CASE	50151S
XAA13269	JOHND	470120	XAW8070B	JOHND	472705 <sup>28</sup>	XH0123E	NOK	710845	XL205	OLIVE	410312N
XAA13269	JOHND	471224 <sup>28</sup>	XAW8293A	JOHND	471442 <sup>28</sup>	XH0123-E0	NOK	710845	XL2Z-7B215AA	FORD	3946
XAA13269A	JOHND	470120	XAY4734	JOHND	470163	XH0136G	NOK	710700	XL34-7052AA	FORD	223012
XAA13269A	JOHND	471224 <sup>28</sup>	XAY4734	JOHND	471766 <sup>28</sup>	XH0136-G0	NOK	710700	XL484	OLIVE	471138 <sup>28</sup>
XAA15602	JOHND	472826 <sup>28</sup>	XB6442	CASE	473380	XH0137F	NOK	710590	XL76370	NEWVR	3459
XAA17322	JOHND	450867	XB90050	COC	471192	XH0137-F0	NOK	710590	XLB444	BOSTN	351028
XAA17322	JOHND	470898	XC12933	MID-R	470120	XH0189E	NOK	710911	XLD51181	MARMO	472179
XAA18248	JOHND	472560N <sup>28</sup>	XC12933	MID-R	471224 <sup>28</sup>	XH0189-E0	NOK	710911	XM1524	CASE	471354 <sup>28</sup>
XAA18248	JOHND	50151S	XC12962	MID-R	470120	XH0200E	NOK	710773	XM21-6D082-AA	FORD	710617
XAA19918	JOHND	470027	XC12962	MID-R	471224 <sup>28</sup>	XH0200-E0	NOK	710773	XM336725	FORD	473234 <sup>28</sup>
XAA19918	JOHND	471554 <sup>28</sup>	XC135639	SCHWI	417484N	XH0200F	NOK	710773	XM34-6424-BA	FORD	229010
XAA20808	FORD	2503N	XC135639	SCHWI	455322N	XH0200-F0	NOK	710773	XM507674	FORD	472299
XAA21693	JOHND	450519	XC138211	SCHWI	410316	XH0201E	NOK	710774	XN300531	FORD	450389
XAA21693	JOHND	471271 <sup>28</sup>	XC138211	SCHWI	472636 <sup>28</sup>	XH0201-E0	NOK	710774	XN300531	FORD	472492 <sup>28</sup>
XAA22407	JOHND	415035 <sup>28</sup>	XC330598	FORD	450519	XH0201F	NOK	710774	XN305440	FORD	471820
XAA22407	JOHND	455035	XC330598	FORD	471271 <sup>28</sup>	XH0201-F0	NOK	710774	XN307035	FORD	450352
XAA2375	JOHND	350954	XC376	BL-KN	471466 <sup>28</sup>	XH0211E	NOK	710738	XN307035	FORD	472164 <sup>28</sup>
XAA2375	JOHND	470954 <sup>28</sup>	XC96755	C-P	470403	XH0211-E0	NOK	710738	XN307049	LEROI	472287 <sup>28</sup>
XAA2973	FORD	471652	XC96755	C-P	470774 <sup>28</sup>	XH0211-E1	NOK	710738	XN322499	FORD	450911N <sup>28</sup>
XAA33187	JOHND	474276 <sup>28</sup>	XD0132E	NOK	710572	XH0443E	NOK	710708	XN337312	FORD	473234 <sup>28</sup>
XAA743	FORD	240414	XD0132-E0	NOK	710572	XH0443-E0	NOK	710708	XN606422	FORD	473228 <sup>28</sup>
XAA9322	FORD	472070	XD0392E	NOK	710168	XH0450F	NOK	710779	XN608008	FORD	200642

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
XN609020	FORD	415027 <sup>2B</sup>	XW20318	FORD	9161	YC2Z1175BA	FORD	4160	YMS416273	YUKON	416273
XN609020	FORD	455027	XW21807	FORD	9568	YC2Z1S175BA	FORD	4160	YMS4244	YUKON	4244
XN610357	FORD	455396	XW21911	FORD	9569S	YC35-6701AA	FORD	5723	YMS4250	YUKON	4250
XO-1	ATP	4072N	XW2365	CASE	240736	YC3Z-4676-BA	FORD	100557	YMS4278	YUKON	4278
XO-10	ATP	710544	XW24525	FORD	473228	YF09-10-602	MAZDA	710550	YMS442380	YUKON	442380
XO-15	ATP	5693	XW24525	FORD	51098	YF09-11-399	MAZDA	3772	YMS442874	YUKON	442874
XO16817	JOHND	450441	XW26444101	BOSTN	470625 <sup>2B</sup>	YF09-11-399A	MAZDA	3772	YMS4434V	YUKON	4434V
XO16817	JOHND	471341 <sup>2B</sup>	XW26444102	BOSTN	472185 <sup>2B</sup>	YF10-10-602	MAZDA	713771	YMS4525V	YUKON	4525V
XO-3	ATP	3543	XW4E-6700-AA	FORD	710837	YF10-10-602A	MAZDA	713771	YMS470331N	YUKON	470331N
XO37818	JOHND	450188	XW4Z-6700-A	FORD	482041N	YF630	F-R-H	417354 <sup>2B</sup>	YMS470380	YUKON	470380
XO-4	ATP	4072N	XW4Z6700AA	FORD	482041N	YL24-3N296AA	FORD	714675	YMS470530	YUKON	470530
XOS175	BOSTN	476820	XW4Z6700AA	FORD	710837	YL24-3N296AB	FORD	714675	YMS470682	YUKON	470682
XP32496	FORD	331107N	XW4Z-6700-B	FORD	710837	YL2Z-4L616AA	FORD	714675	YMS471271	YUKON	471271
XP34777	FORD	331107N	XW4Z-6701-BA	FORD	231004	YL2Z-4L616AB	FORD	714675	YMS471354	YUKON	471354
XP67266	FORD	7692S	XW70063A	JOHND	240735	YL84-4N299AA	FORD	100552	YMS471763	YUKON	471763
XP67267	FORD	7300S	XW8069	FORD	7044NA	YL84-7052AA	FORD	1990	YMS472015	YUKON	472015
XP76539	FORD	473473	XW8454	FORD	9568	YL84-7288BA	FORD	2007N	YMS472258	YUKON	472258
XPGF16067	AU-WS	415013	XW8455	FORD	7044NA	YL84-7288BB	FORD	2007N	YMS472394	YUKON	472394
XPGF16067	AU-WS	415995 <sup>2B</sup>	XW8456	FORD	8181NA	YL84-7H260AA	FORD	710429	YMS473210	YUKON	473210
XPG-F4922	AU-WS	39302	XX1634135	CATER	417171 <sup>2B</sup>	YL8PH7H260AA	FORD	481191V	YMS473212	YUKON	473212
XR12370	CASE	470358	XY41050	JOHND	470950 <sup>2B</sup>	YL8W-7H426-AA	FORD	710971	YMS473214	YUKON	473214
XR12370	CASE	473231	XY41050	JOHND	6241S	YL8W-7H426-AA1	FORD	3604	YMS473227	YUKON	473227
XR3102	FORD	410059	Y143218	GA-WO	417351 <sup>2B</sup>	YL8Z1177AA	FORD	481191V	YMS473814	YUKON	473814
XR3102	FORD	470380 <sup>2B</sup>	Y14479	WAUKE	6863S <sup>2B</sup>	YL8Z-1S177AA	FORD	481191V	YMS4762N	YUKON	4762N
XR7221	OLIVE	J1119	Y205176	CUMMI	470898	YL8Z-4N046AA	FORD	100552	YMS47761	YUKON	710482
XR7221	WHITE	J1119	Y209810	CUMMI	471413 <sup>2B</sup>	YL8Z-7288BA	FORD	2007N	YMS4795V	YUKON	4795V
XR737	OLIVE	340356	Y344725	IG-RA	470565 <sup>2B</sup>	YL8Z-7H426-BA	FORD	710971	YMS480570	YUKON	480570
XR821244	JAGUA	710895	Y381653	WHITE	415995 <sup>2B</sup>	YMS100715V	YUKON	100715V	YMS484054	YUKON	484054
XR85146	JAGUA	482041N	Y381653	WHITE	455013	YMS100727	YUKON	100727	YMS4857	YUKON	4857
XR85147	JAGUA	3909	Y383784	IG-RA	415725 <sup>2B</sup>	YMS1167	YUKON	1167	YMS51098	YUKON	51098
XR8Z-7048-AA	FORD	711027	Y400B-225	CONTI	450076	YMS1173	YUKON	1173	YMS5126	YUKON	5126
XR8Z-7A292-AA	FORD	473677	Y400B-225	CONTI	470334 <sup>2B</sup>	YMS1176	YUKON	1176	YMS5131	YUKON	5131
XS120398	CASE	416167 <sup>2B</sup>	Y401-11-312	MAZDA	710849	YMS1177	YUKON	1177	YMS5458	YUKON	5458
XS4P-7A248AA	FORD	710539	Y4170	GRAY	470163	YMS1956	YUKON	1956	YMS5573	YUKON	5573
XS4P-7H260AB	FORD	710540	Y4170	GRAY	471766 <sup>2B</sup>	YMS1959	YUKON	1959	YMS5778	YUKON	5778
XS4Z-1177AA	FORD	710540	Y4323	GRAY	471267 <sup>2B</sup>	YMS1960	YUKON	1960	YMS5778	YUKON	5778V
XS4Z-1S177AA	FORD	710540	Y5045	WAUKE	450076	YMS2043	YUKON	2043	YMS6818	YUKON	6818
XS4Z-7A248AA	FORD	710539	Y5045	WAUKE	470334 <sup>2B</sup>	YMS2081	YUKON	2081	YMS6930	YUKON	6930
XS6R-3K169-AA	FORD	710798	Y5229	JOHND	472287 <sup>2B</sup>	YMS2146	YUKON	2146	YMS7044NA	YUKON	7044NA
XS6R3K169AAN	FORD	710808	Y601-11-312	MAZDA	710849	YMS224820	YUKON	224820	YMS710043	YUKON	710043
XS6Z-1177-AA	FORD	710798	Y601-17-131	MAZDA	223010	YMS226285	YUKON	226285	YMS710065	YUKON	710065
XSP8600A	CASE	470088	Y6569	WAUKE	472015 <sup>2B</sup>	YMS2286	YUKON	2286	YMS710067	YUKON	710067
XSP8714	CASE	413247 <sup>2B</sup>	Y6572	WAUKE	470074	YMS2300	YUKON	2300	YMS710068	YUKON	710068
XSP8714	CASE	450350	Y6572	WAUKE	474265	YMS242	YUKON	242PKG	YMS710076	YUKON	710076
XT15166	C-W	415483 <sup>2B</sup>	Y66379	WHITE	370006A	YMS248	YUKON	248PKG	YMS710092	YUKON	710092
XT15166	C-W	455368	Y714599	WHITE	417484N	YMS3195	YUKON	3195	YMS710101	YUKON	710101
XT154119	C-W	416229	Y714599	WHITE	475322N	YMS3214	YUKON	3214	YMS710281	YUKON	710281
XT67101	GMC	471692 <sup>2B</sup>	Y714702	WHITE	415138 <sup>2B</sup>	YMS350572	YUKON	350572	YMS710428	YUKON	710428
XT7584	GMC	6936S	Y717703	WHITE	415304	YMS3543	YUKON	3543	YMS710429	YUKON	710429
XU171444B	BOSTN	471224 <sup>2B</sup>	Y717703	WHITE	476470 <sup>2B</sup>	YMS3604	YUKON	3604	YMS710454	YUKON	710454
XVP2099	LETN	J1106	Y825170	WHITE	450183	YMS370047A	YUKON	370047A	YMS710462	YUKON	710462
XVR1035	ESSIC	415991	Y825170	WHITE	472179	YMS3747	YUKON	3747	YMS710468	YUKON	710468
XVR1035	ESSIC	455146 <sup>2B</sup>	Y827376	WHITE	412871 <sup>2B</sup>	YMS3896	YUKON	3896	YMS710481	YUKON	710481
XVWSF27433	BOSTN	470954 <sup>2B</sup>	Y827376	WHITE	450329	YMS40576S	YUKON	40576S	YMS710497	YUKON	710497
XW15754	FORD	9569S	Y827377	WHITE	416921 <sup>2B</sup>	YMS40769S	YUKON	40769S	YMS710498	YUKON	710498
XW1652	FORD	6930	Y827377	WHITE	455011	YMS411330N	YUKON	411330N	YMS710506	YUKON	710506
XW19076	FORD	473228	Y904016	EL-PA	416011	YMS4131	YUKON	4131	YMS710507	YUKON	710507
XW19076	FORD	51098	Y904016	EL-PA	417621 <sup>2B</sup>	YMS413248	YUKON	413248	YMS710508	YUKON	710508
XW19835	FORD	9363S	Y91L202	CONTI	450083	YMS414045	YUKON	414045	YMS710563	YUKON	710563
XW20317	FORD	51322	Y91L202	CONTI	472924 <sup>2B</sup>	YMS415960	YUKON	415960	YMS710564	YUKON	710564

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
YMS712146	YUKON	712146	YMSF1015	YUKON	710685	YS1500	NATSU	470059	Z1026AC	EATON	455031 <sup>28</sup>
YMS714512	YUKON	714512	YMSF1016	YUKON	710701	YS1500	NATSU	470380 <sup>28</sup>	Z1026AD	EATON	474273
YMS7216	YUKON	7216	YMSG1002	YUKON	710179	YS1503	NATSU	470077	Z1026AF	EATON	412871 <sup>28</sup>
YMS7457N	YUKON	7457N	YMSG1003	YUKON	7457N	YS1503	NATSU	474281 <sup>28</sup>	Z1026AF	EATON	450329
YMS7687S	YUKON	7687S	YMSG1004	YUKON	710491	YS1560	NATSU	450185	Z1026AH	EATON	417262 <sup>28</sup>
YMS8181NA	YUKON	8181NA	YMSG1005	YUKON	710688	YS1560	NATSU	473229	Z1026AH	EATON	455448
YMS8293S	YUKON	8293S	YMSG1006	YUKON	710687	YS1561	NATSU	450185	Z1026B	EATON	471137
YMS8362	YUKON	8362	YMSG1007	YUKON	710648	YS1561	NATSU	473229	Z1026BA	EATON	455195
YMS8460N	YUKON	8460N	YMSG1010	YUKON	7457N	YS1562	NATSU	450185	Z1026BA	EATON	472157 <sup>28</sup>
YMS8477S	YUKON	8477S	YMSG1011	YUKON	710548	YS1562	NATSU	473229	Z1026BD	EATON	470169
YMS8516N	YUKON	8516N	YMSG1012	YUKON	710281	YS1590	NATSU	482253	Z1026BD	EATON	473214 <sup>28</sup>
YMS8549S	YUKON	8549S	YMSG1013	YUKON	710101	YS1753	NATSU	450070	Z1026C	EATON	450593 <sup>28</sup>
YMS8594S	YUKON	8594S	YMSG1016	YUKON	472258	YS1753	NATSU	472185 <sup>28</sup>	Z1026D	EATON	470045
YMS8610	YUKON	8610	YMSG1017	YUKON	710474	YS1871	NATSU	450082	Z1026D	EATON	476838 <sup>28</sup>
YMS8622	YUKON	8622	YMSG1021	YUKON	710864	YS1871	NATSU	473238	Z1026E	EATON	471750 <sup>28</sup>
YMS8660S	YUKON	8660S	YMSG1023	YUKON	710542	YS1872	ARMCO	450117	Z1026F	EATON	473215 <sup>28</sup>
YMS8695S	YUKON	8695S	YMSG1023	YUKON	710888	YS1872	ARMCO	472572 <sup>28</sup>	Z1026G	EATON	470059
YMS8704S	YUKON	8704S	YMSG1024	YUKON	710866	YS1872	NATSU	450117	Z1026G	EATON	470380 <sup>28</sup>
YMS8835S	YUKON	8835S	YMSG1025	YUKON	710547	YS1872	NATSU	472572 <sup>28</sup>	Z1026H	EATON	450066
YMS8873	YUKON	710461	YMSG1026	YUKON	710686	YS2000	NATSU	450085	Z1026H	EATON	473367 <sup>28</sup>
YMS9161	YUKON	9161	YMSG1027	YUKON	710547	YS2000	NATSU	470530 <sup>28</sup>	Z1026I	EATON	450076
YMS9316	YUKON	9316	YMSG1028	YUKON	710687	YS2004	NATSU	473242	Z1026I	EATON	470334 <sup>28</sup>
YMS9363S	YUKON	9363S	YMSG1029	YUKON	710926	YS2502	NATSU	415449 <sup>28</sup>	Z1026J	EATON	450084 <sup>28</sup>
YMS9569S	YUKON	9569S	YMSN1001	YUKON	710920	YS2502	NATSU	455147	Z1026K	EATON	450085
YMS9864S	YUKON	9864S	YMSN1002	YUKON	710919	YS3252	ARMCO	455018	Z1026K	EATON	470530 <sup>28</sup>
YMS99118	YUKON	99118	YMSN1003	YUKON	710851	YS3252	ARMCO	476470	Z1026L	EATON	415001 <sup>28</sup>
YMS9912	YUKON	9912	YMSS1003	YUKON	4244	YS3252	NATSU	455018	Z1026L	EATON	455001
YMS99131	YUKON	99131	YMSS1004	YUKON	710204	YS3252	NATSU	476470	Z1026M	EATON	415960 <sup>28</sup>
YMS99147	YUKON	99147	YMSS1005	YUKON	470672	YS3340	NATSU	412473 <sup>28</sup>	Z1026M	EATON	455009
YMS99152	YUKON	99152	YMSS1006	YUKON	710304	YS3340	NATSU	415894	Z1026N	EATON	415995 <sup>28</sup>
YMS99155	YUKON	99155	YMSS1007	YUKON	710095	YS3501	NATSU	415027 <sup>28</sup>	Z1026N	EATON	455013
YMS99157	YUKON	99157	YMSS1008	YUKON	710202	YS3501	NATSU	455027	Z1026O	EATON	415023
YMS99168	YUKON	99168	YMSS1010	YUKON	710241	YS4000	NATSU	415035 <sup>28</sup>	Z1026P	EATON	415025
YMS99170	YUKON	99170	YMSS1011	YUKON	2146	YS4000	NATSU	455035	Z1026Q	EATON	415027 <sup>28</sup>
YMS99181	YUKON	99181	YMSS1014	YUKON	710565	YS4255	NATSU	416149	Z1026Q	EATON	455027
YMS99187	YUKON	99187	YMSS1015	YUKON	415302	YS4500	NATSU	416888 <sup>28</sup>	Z1026R	EATON	416345 <sup>28</sup>
YMS99193	YUKON	99193	YMSS1017	YUKON	710624	YS4500	NATSU	455200	Z1026R	EATON	455033
YMSC1002	YUKON	4857	YMSS1018	YUKON	710492	YS4501	NATSU	416892 <sup>28</sup>	Z1026S	EATON	415035 <sup>28</sup>
YMSC1003	YUKON	710863	YMSS1019	YUKON	9912	YS4503	NATSU	416154 <sup>28</sup>	Z1026S	EATON	415953
YMSC1004	YUKON	710565	YMSS1020	YUKON	710385	YS4620	NATSU	415371	Z1026T	EATON	415058
YMSC1005	YUKON	710566	YMSS1021	YUKON	710959	YS4751	NATSU	415138 <sup>28</sup>	Z1026U	EATON	415351 <sup>28</sup>
YMSC1006	YUKON	710593	YMST1001	YUKON	710070	YS4Z-1177-AA	FORD	710798	Z1026V	EATON	416107 <sup>28</sup>
YMSC1008	YUKON	710558	YMST1002	YUKON	3771	YS4Z-1S177-AA	FORD	710798	Z1026V	EATON	455073
YMSC1013	YUKON	710476	YMST1003	YUKON	710419	YS4Z2B384BA	FORD	100944	Z1026W	EATON	417562
YMSC1014	YUKON	710489	YMST1005	YUKON	1176	YS4Z6700AA	FORD	713771	Z1026X	EATON	415035 <sup>28</sup>
YMSC1015	YUKON	710476	YMST1007	YUKON	710525	YS4Z-6701-AA	FORD	3772	Z1026X	EATON	455035
YMSC1017	YUKON	710839	YMST1008	YUKON	710931	YS4Z6701BA	FORD	3772	Z1089AA	EATON	417262 <sup>28</sup>
YMSC1020	YUKON	710741	YMST1009	YUKON	710596	YS5872	NATSU	455297	Z1089AA	EATON	455448
YMSC1024	YUKON	710872	YMST1011	YUKON	225875	YS6870	NATSU	455584	Z1089R	EATON	471137
YMSF1001	YUKON	4278	YMST1012	YUKON	710697	YS6886	NATSU	450070	Z1089S	EATON	450593 <sup>28</sup>
YMSF1002	YUKON	370247A	YMST1013	YUKON	710595	YS6886	NATSU	472185 <sup>28</sup>	Z1089T	EATON	450066
YMSF1003	YUKON	714569	YMST1014	YUKON	710596	YS6G-6700-AA	FORD	711002	Z1089T	EATON	473367 <sup>28</sup>
YMSF1004	YUKON	710754	YMST1017	YUKON	710595	YS7622	NATSU	417598	Z10909	GMC	455480 <sup>28</sup>
YMSF1005	YUKON	100537	YMST1018	YUKON	710735	YSM99187	YUKON	99187	Z120S201	CONTI	6863S <sup>28</sup>
YMSF1007	YUKON	7044NA	YMST1019	YUKON	710734	YT156	MINNM	481864	Z224	COC	416271 <sup>28</sup>
YMSF1008	YUKON	714569	YMST1020	YUKON	710578	YT330	MINNM	473215 <sup>28</sup>	Z268	COC	415013
YMSF1009	YUKON	3604	YS0500	NATSU	471442 <sup>28</sup>	YX133	GRAY	470045	Z268	COC	415995 <sup>28</sup>
YMSF1011	YUKON	100552	YS0750	NATSU	470027	YX133	GRAY	476838 <sup>28</sup>	Z273	COC	416011
YMSF1012	YUKON	710429	YS0750	NATSU	471554 <sup>28</sup>	Z10260	EATON	415023	Z273	COC	417621 <sup>28</sup>
YMSF1013	YUKON	710493	YS10002	NATSU	417020	Z1026AC	EATON	416339	Z273	WHITE	416011

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
Z273	WHITE	417621 <sup>28</sup>	Z6172	MUSAS	710522	ZZL1-33-041	MAZDA	6815	0009974646	MERCE	
Z289	COC	365008	Z6205	OLIVE	473016 <sup>28</sup>	ZZL1-33-041A	MAZDA	6815	110X140X13 <sup>28</sup>		
Z289	WHITE	365008	Z6206	OLIVE	471192	ZZL1-33-065	MAZDA	9150S	0009975146	MERCE	224255
Z29154	ALLCH	415003	Z6572	JOHND	470045	ZZL2-11-399	MAZDA	3393	0009977446	MERCE	
Z29154	ALLCH	415458 <sup>28</sup>	Z6572	JOHND	476838 <sup>28</sup>	ZZL2-26-157	MAZDA	8660S	110X140X13 <sup>28</sup>		
Z310	COC	450869	Z6572H	JOHND	470045	ZZM0-10-602	MAZDA	2955	001-003-00	DEXTE	441319
Z320	COC	472658	Z6572H	JOHND	476838 <sup>28</sup>	ZZM0-11-399	MAZDA	3909	00100412	SPERY	200354
Z320	COC	473197	Z6573	JOHND	471750 <sup>28</sup>	ZZM0-27-018	MAZDA	4244	001143040	LF-PT	415498
Z320	WHITE	450452	Z668	COC	340724 <sup>28</sup>	ZZM0-33-041	MAZDA	9150S	00115950	SPERY	204035
Z320	WHITE	473197	Z668	WHITE	340724 <sup>28</sup>	ZZM0-33-041A	MAZDA	9150S	001171000A	SIMRT	710034
Z33-S443003950	FAIRB	470950 <sup>28</sup>	Z6855	OLIVE	40230S	ZZM0-33-067	MAZDA	710453	001258120	LF-PT	7512SSO <sup>29</sup>
Z33-S443003950	FAIRB	6241S	Z7151	JOHND	411253 <sup>28</sup>	ZZM0-33-067A	MAZDA	710453	001-27-238	MAZDA	710396
Z33-S443015310	FAIRB	415138 <sup>28</sup>	Z7151	JOHND	450099	ZZM1-10-602	MAZDA	2955	001-301-227	VW	2027
Z33-S443173945	FAIRB	470950 <sup>28</sup>	Z7151H	JOHND	411253 <sup>28</sup>	ZZM1-11-399	MAZDA	3909	001-301-227C	AUDI	2027
Z33-S443173945	FAIRB	6241S	Z7151H	JOHND	450099	ZZM2-11-399	MAZDA	3393	001-301-227C	VW	2027
Z403	COC	412861	Z834270	EL-PA	473458	ZZM3-11-399	MAZDA	3909	001-301-227E	VW	2027
Z414	COC	340120	Z835639	EL-PA	471750 <sup>28</sup>	ZZN0-19-223	MAZDA	710535	001-321-199	VW	2027
Z414	WHITE	340120	Z902417	EL-PA	417316 <sup>28</sup>	ZZP0-27-018	MAZDA	714675	001-321-243	VW	710442
Z525	COC	417344 <sup>28</sup>	Z902417	EL-PA	455004	ZZP0-33-067	MAZDA	710519	001-321-243A	VW	710442
Z535	COC	470403	Z90343	EL-PA	450083	ZZP0-33-067A	MAZDA	710519	0014015	HYST	340356
Z535	COC	470774 <sup>28</sup>	Z90343	EL-PA	472924 <sup>28</sup>	ZZP0-88-116	MAZDA	710428	00144539	LF-PT	5401
Z536	COC	415458 <sup>28</sup>	Z9332A	GMC	474278	ZZP0-88-166	MAZDA	710429	0019977747	MERCE	711028
Z536	COC	455003	Z9332A	GMC	480356	ZZP0-88-166A	MAZDA	710429	001PKG	TIMKE	001PKG
Z540	COC	450269	Z9342A	GMC	471466 <sup>28</sup>	ZZR0-27-018	MAZDA	3604	001R	TIMKE	001PKG
Z550	WHITE	6575S	ZL09-10-602	MAZDA	710886	ZZR0-27-018A	MAZDA	3604	00200196	ALLCH	471419
Z576	COC	450078	ZNL749	DURA	470169	ZZS0-27-018	MAZDA	223542	00200196	ALLCH	473367 <sup>28</sup>
Z576	COC	473444	ZNL749	DURA	473214 <sup>28</sup>	ZZS2-17-335	MAZDA	223215	0021051	HYST	471763
Z599	COC	470548	ZNL750	DURA	473236 <sup>28</sup>	ZZT1-11-399	MAZDA	3772	00211700	AJUSA	1172
Z599	COC	470625 <sup>28</sup>	ZZC0-23-657	MAZDA	710600	0000150245	MERCE	716102	0021828	HYST	470088
Z599	WHITE	470548	ZZC0-27-165	MAZDA	710971	00014002456	LF-PT	470898	0021870	HYST	450147
Z599	WHITE	470625 <sup>28</sup>	ZZC0-27-238	MAZDA	710429	00014002695	LF-PT	415449 <sup>28</sup>	00220500	AJUSA	229210
Z606	COC	473313	ZZC1-27-165	MAZDA	710971	00014003254	LF-PT	415196 <sup>28</sup>	00224955	ALLCH	240414
Z6067	OLIVE	470045	ZZC4-27-238	MAZDA	710709	000155GA	SABO	6064	0023-01-227E	VW	710798
Z6067	OLIVE	476838 <sup>28</sup>	ZZC5-27-238	MAZDA	710706	000.220	ELRNG	710761	00231000	AJUSA	229210
Z6068	OLIVE	470163	ZZC5-27-238A	MAZDA	710706	0002518600	TALBO	710681	0024410015	RENAU	221540
Z6068	OLIVE	471766 <sup>28</sup>	ZZC6-27-238	MAZDA	710705	00029141	SPERY	474278	0024410122	RENAU	222240
Z6121	MUSAS	710175	ZZC7-19-256	MAZDA	710712	00029141	SPERY	480356	0024411383	RENAU	223831
Z6124	MUSAS	223552	ZZCA-10-602	MAZDA	482041N	0006116	HYST	415645 <sup>28</sup>	0024411453	RENAU	1012N
Z6125	MUSAS	710310	ZZCA-10-602	MAZDA	710837	0006570	HYST	415035 <sup>28</sup>	0024676	HYST	470605 <sup>28</sup>
Z6126	MUSAS	710334	ZZCA-27-165	MAZDA	100552	0006570	HYST	455035	00248348	SPERY	415303 <sup>28</sup>
Z6127	MUSAS	224462	ZZJ1-10-602	MAZDA	710837	0007959	HYST	415351 <sup>28</sup>	0025-5620SS	JN-MN	343104
Z6128	MUSAS	4904	ZZJ1-10-602A	MAZDA	482041N	0008329	HYST	470530 <sup>28</sup>	0025-7037SS	JN-MN	350435
Z6129	MUSAS	222030	ZZJ1-10-602A	MAZDA	710837	0008638	HYST	471567 <sup>28</sup>	0026186	HYST	471820
Z6131	MUSAS	224200	ZZJ1-11-399	MAZDA	710896	0008639	HYST	471570 <sup>28</sup>	0026640	HYST	450143
Z6133	MUSAS	223542	ZZJ1-11-399A	MAZDA	710896	0008741	HYST	470380 <sup>28</sup>	0027260	HYST	470712 <sup>28</sup>
Z6136	MUSAS	710724	ZZL0-10-602	MAZDA	473560N	0008748	HYST	471264 <sup>28</sup>	0027531	HYST	471442 <sup>28</sup>
Z6137	MUSAS	710239	ZZL0-25-747	MAZDA	722108	0009141	HYST	450084 <sup>28</sup>	00289290	SPERY	481163 <sup>28</sup>
Z6138	MUSAS	710240	ZZL0-25-749	MAZDA	722109	00092BGOE	SABO	414045	0029117	HYST	450040
Z6139	MUSAS	710255	ZZL0-26-154	MAZDA	3604	000931634	AMC	470351	0029308	HYST	410987 <sup>28</sup>
Z6141	MUSAS	710393	ZZL0-26-157	MAZDA	8660S	000935612	AMC	8676S	0029760	HYST	415082
Z6142	MUSAS	223553	ZZL0-26-157A	MAZDA	8660S	000939335	AMC	410308 <sup>28</sup>	0029971346	MERCE	710197 <sup>28</sup>
Z6143	MUSAS	710193	ZZL0-27-018	MAZDA	3604	000939335	AMC	450308	002PKG	TIMKE	002PKG
Z6144	MUSAS	224820	ZZL0-33-041	MAZDA	4250	0009971446	MERCE		002R	TIMKE	002PKG
Z6145	MUSAS	710523	ZZL0-33-041A	MAZDA	4250	110X140X13 <sup>28</sup>			00302B	SABO	1012N <sup>29</sup>
Z6147	MUSAS	4904	ZZL0-33-065	MAZDA	6815	0009971546	MERCE	223800	0031234	HYST	410102
Z6148	MUSAS	222535	ZZL1-17-335	MAZDA	710403	0009971746	MERCE	1174	0031235	HYST	412920 <sup>28</sup>
Z6156	MUSAS	473823	ZZL1-17-487	MAZDA	2658V	0009972747	MERCE	222030	0031508	HYST	417538
Z6157	MUSAS	239146	ZZL1-26-157	MAZDA	8835S	0009972847	MERCE	224045	0031-7016SS	JN-MN	350364
Z6158	MUSAS	710521	ZZL1-26-157A	MAZDA	8835S	0009973446	MERCE	95X130X12 <sup>28</sup>	0031960	HYST	470064
Z6160	MUSAS	710520	ZZL1-27-018	MAZDA	714675				0031960	HYST	471821 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0031970	<i>HYST</i>	<b>415991</b>	0044517	<i>HYST</i>	<b>240735</b>	0052623	<i>HYST</i>	<b>40337S</b>	0065-13469LPD	<i>JN-MN</i>	<b>481073</b>
0031970	<i>HYST</i>	<b>455146<sup>28</sup></b>	0044522	<i>HYST</i>	<b>415551</b>	00526624	<i>ALLCH</i>	<b>240735</b>	0065-4789SS	<i>JN-MN</i>	<b>481073</b>
0032166	<i>HYST</i>	<b>416239<sup>28</sup></b>	0044523	<i>HYST</i>	<b>472150</b>	00535179	<i>ALLCH</i>	<b>417205<sup>28</sup></b>	0065-5591SS	<i>JN-MN</i>	<b>481528</b>
0032205	<i>HYST</i>	<b>472012</b>	0044525	<i>HYST</i>	<b>415072</b>	0053670	<i>ALLCH</i>	<b>417316<sup>28</sup></b>	0065-5831LUP	<i>JN-MN</i>	<b>481073</b>
0032875	<i>HYST</i>	<b>412040</b>	0044526	<i>HYST</i>	<b>416865<sup>28</sup></b>	0053670	<i>ALLCH</i>	<b>455004</b>	0065-9305LPD	<i>JN-MN</i>	<b>481397</b>
0032969	<i>HYST</i>	<b>415371</b>	0044527	<i>HYST</i>	<b>417601</b>	0053902	<i>HYST</i>	<b>455858</b>	0066-5151SS	<i>JN-MN</i>	<b>340469</b>
0034539	<i>HYST</i>	<b>416158</b>	0044528	<i>HYST</i>	<b>415482</b>	00542951	<i>ALLCH</i>	<b>411394<sup>28</sup></b>	00665900	<i>AJUSA</i>	<b>223035</b>
0034820	<i>HYST</i>	<b>415007</b>	004453	<i>HYST</i>	<b>417562</b>	005523	<i>DISOG</i>	<b>710019</b>	0066-5984LPD	<i>JN-MN</i>	<b>471579</b>
003507125A	<i>VW</i>	<b>221040</b>	0044530	<i>HYST</i>	<b>415302</b>	0055252	<i>HYST</i>	<b>471466<sup>28</sup></b>	0066-6439SS	<i>JN-MN</i>	<b>17X40X7</b>
003-507-264C	<i>VW</i>	<b>224520</b>	0044531	<i>HYST</i>	<b>240733</b>	00554631	<i>GMC</i>	<b>8660S</b>	0066974	<i>HYST</i>	<b>323138<sup>28</sup></b>
003-507-269A	<i>VW</i>	<b>224520</b>	0044532	<i>HYST</i>	<b>240731</b>	0056-12337LUP	<i>JN-MN</i>	<b>471281<sup>28</sup></b>	00670142	<i>ALLCH</i>	<b>470169</b>
003-507-269D	<i>AUDI</i>	<b>224520</b>	0044536	<i>HYST</i>	<b>416775</b>	0056-14981LPD	<i>JN-MN</i>	<b>471551<sup>28</sup></b>	00670142	<i>ALLCH</i>	<b>473214<sup>28</sup></b>
003-507-269D	<i>VW</i>	<b>224520</b>	0044540	<i>HYST</i>	<b>411330N</b>	0056-15213LPD	<i>JN-MN</i>	<b>450536</b>	0067-10336LUP	<i>JN-MN</i>	<b>471579</b>
003-519-089A	<i>VW</i>	<b>3051N</b>	0044547	<i>HYST</i>	<b>417507<sup>28</sup></b>	0056-15213LPD	<i>JN-MN</i>	<b>471535<sup>28</sup></b>	006748	<i>NATEN</i>	<b>450117</b>
003-519-089D	<i>VW</i>	<b>3051N</b>	0044547	<i>HYST</i>	<b>455513</b>	0056-5239SS	<i>JN-MN</i>	<b>471281<sup>28</sup></b>	006748	<i>NATEN</i>	<b>472572<sup>28</sup></b>
003-519-089DZ	<i>VW</i>	<b>3051N</b>	0044548	<i>HYST</i>	<b>415027</b>	0056-5850SS	<i>JN-MN</i>	<b>472705<sup>28</sup></b>	0068-10904LPD	<i>JN-MN</i>	<b>471553<sup>28</sup></b>
003-519-089E	<i>VW</i>	<b>3051N</b>	0044552	<i>HYST</i>	<b>411253<sup>28</sup></b>	0056-6069SS	<i>JN-MN</i>	<b>472705<sup>28</sup></b>	0068-4793SS	<i>JN-MN</i>	<b>471538<sup>28</sup></b>
003-519-089M	<i>VW</i>	<b>3051N</b>	0044554	<i>HYST</i>	<b>471633<sup>28</sup></b>	0056-6388SS	<i>JN-MN</i>	<b>472705<sup>28,29</sup></b>	00685131	<i>ALLCH</i>	<b>472144<sup>28</sup></b>
003-519-089N	<i>VW</i>	<b>3051N</b>	0044559	<i>HYST</i>	<b>410737<sup>28</sup></b>	0057549	<i>HYST</i>	<b>471272<sup>28</sup></b>	0068-5305SS	<i>JN-MN</i>	<b>471529</b>
0035608	<i>HYST</i>	<b>415984<sup>28</sup></b>	0044559	<i>HYST</i>	<b>450737</b>	0057936	<i>HYST</i>	<b>40494S</b>	0068-6851LA	<i>JN-MN</i>	<b>450025</b>
0035828	<i>HYST</i>	<b>416654<sup>28</sup></b>	0044560	<i>HYST</i>	<b>417298</b>	0059395	<i>HYST</i>	<b>415001<sup>28</sup></b>	0068-6851LA	<i>JN-MN</i>	<b>471553<sup>28</sup></b>
0036352	<i>HYST</i>	<b>415219</b>	0044561	<i>HYST</i>	<b>417501</b>	0059-5138SS	<i>JN-MN</i>	<b>471558</b>	00688032	<i>GMC</i>	<b>J1109</b>
0037103	<i>HYST</i>	<b>416476<sup>28</sup></b>	0044562	<i>HYST</i>	<b>470543</b>	0059-6570LPD	<i>JN-MN</i>	<b>471558</b>	0068-9113LPD	<i>JN-MN</i>	<b>471529</b>
0037-5270SS	<i>JN-MN</i>	<b>471103<sup>28</sup></b>	0044562	<i>HYST</i>	<b>474272<sup>28</sup></b>	00599472	<i>ALLCH</i>	<b>470898</b>	0069028	<i>HYST</i>	<b>411376<sup>28</sup></b>
0037-5270SS	<i>JN-MN</i>	<b>50197S</b>	0044563	<i>HYST</i>	<b>415960<sup>28</sup></b>	0059971146	<i>MERCE</i>	<b>224045</b>	0069970546	<i>MERCE</i>	
0037-6362SS	<i>JN-MN</i>	<b>330385<sup>28</sup></b>	0044563	<i>HYST</i>	<b>455009</b>	0059973647	<i>MERCE</i>	<b>710642</b>	<b>120X145X12<sup>28</sup></b>		
00376764	<i>ALLCH</i>	<b>472924<sup>28</sup></b>	0044565	<i>HYST</i>	<b>416077</b>	0059974146	<i>MERCE</i>	<b>224045</b>			
0039970347	<i>MERCE</i>	<b>710289</b>	0044566	<i>HYST</i>	<b>470625<sup>28</sup></b>	0059974446	<i>MERCE</i>		0069971247	<i>MERCE</i>	<b>710289</b>
0039975146	<i>MERCE</i>		0044568	<i>HYST</i>	<b>470565<sup>28</sup></b>	<b>125X150X12<sup>28</sup></b>			0069972646	<i>MERCE</i>	<b>711028</b>
<b>110X140X13<sup>28</sup></b>			0044570	<i>HYST</i>	<b>416666</b>				0069975347	<i>MERCE</i>	<b>223005</b>
0039978147	<i>MERCE</i>	<b>20X42X7</b>	0045587	<i>HYST</i>	<b>471354<sup>28</sup></b>	0059974446	<i>MERCE</i>	<b>231250</b>	0069979846	<i>MERCE</i>	<b>417967<sup>28</sup></b>
0039979346	<i>MERCE</i>	<b>1012N</b>	0045729	<i>HYST</i>	<b>455280</b>	0059975046	<i>MERCE</i>	<b>1012N</b>	0069979846	<i>MERCE</i>	<b>455186</b>
003PKG	<i>TIMKE</i>	<b>003PKG</b>	0046671	<i>HYST</i>	<b>416380<sup>28</sup></b>	0059978347	<i>MERCE</i>	<b>45X62X8<sup>28</sup></b>	006PKG	<i>TIMKE</i>	<b>006PKG</b>
003R	<i>TIMKE</i>	<b>003PKG</b>	0046697	<i>HYST</i>	<b>471413<sup>28</sup></b>	0059978347	<i>MERCE</i>	<b>710290</b>	006R	<i>TIMKE</i>	<b>006PKG</b>
0041454	<i>HYST</i>	<b>415074</b>	0046831	<i>HYST</i>	<b>415350</b>	005PKG	<i>TIMKE</i>	<b>005PKG</b>	00701425	<i>SPERY</i>	<b>412015V</b>
0041455	<i>HYST</i>	<b>417172</b>	0047479	<i>HYST</i>	<b>417357</b>	005R	<i>TIMKE</i>	<b>005PKG</b>	007102610	<i>LF-PT</i>	<b>410308<sup>28</sup></b>
0041733	<i>HYST</i>	<b>416364<sup>28</sup></b>	00480BA	<i>SABO</i>	<b>82X105X13</b>	00603-26-154	<i>KIA</i>	<b>473823</b>	007102610	<i>LF-PT</i>	<b>450308</b>
0041738	<i>HYST</i>	<b>413478</b>	0048549	<i>HYST</i>	<b>471192</b>	00605.16540	<i>ALFAR</i>	<b>224100</b>	007226017	<i>LF-PT</i>	<b>417474</b>
0042875	<i>HYST</i>	<b>455308</b>	00487033	<i>ALLCH</i>	<b>415449<sup>28</sup></b>	00605165400000	<i>ALFAR</i>	<b>224100</b>	0074961	<i>ALLCH</i>	<b>412040</b>
0043-14657SS	<i>JN-MN</i>	<b>472810<sup>28</sup></b>	00487207	<i>ALLCH</i>	<b>471785<sup>28</sup></b>	00610BR	<i>SABO</i>	<b>80X100X10<sup>28</sup></b>	00749622	<i>ALLCH</i>	<b>450365</b>
004316426SS	<i>JN-MN</i>	<b>6863S<sup>28</sup></b>	00488BRG	<i>SABO</i>	<b>224255</b>	00615BR	<i>SABO</i>	<b>36X56X10</b>	00749622	<i>ALLCH</i>	<b>470898<sup>28</sup></b>
004316769SS	<i>JN-MN</i>	<b>6863S<sup>28</sup></b>	0049541	<i>HYST</i>	<b>471750<sup>28</sup></b>	0062-11125SS	<i>JN-MN</i>	<b>340849</b>	0075-12564LDS	<i>JN-MN</i>	<b>471567<sup>28</sup></b>
00435701	<i>ALLCH</i>	<b>450273</b>	004PKG	<i>TIMKE</i>	<b>004PKG</b>	0062-11327SS	<i>JN-MN</i>	<b>351487</b>	0075-13068LPD	<i>JN-MN</i>	<b>471567<sup>28</sup></b>
0044454	<i>HYST</i>	<b>417474</b>	004R	<i>TIMKE</i>	<b>004PKG</b>	0062-12876LUP	<i>JN-MN</i>	<b>471255<sup>28</sup></b>	0075-13580LPD	<i>JN-MN</i>	<b>471554<sup>28</sup></b>
0044456	<i>HYST</i>	<b>351487</b>	0050-11124SS	<i>JN-MN</i>	<b>340847</b>	0062-12876LUP	<i>JN-MN</i>	<b>471255<sup>28</sup></b>	0075-14797LDS	<i>JN-MN</i>	<b>470954<sup>28</sup></b>
0044459	<i>HYST</i>	<b>417205<sup>28</sup></b>	0050-12038LUP	<i>JN-MN</i>	<b>471526<sup>28</sup></b>	0062-13059LUP	<i>JN-MN</i>	<b>471466<sup>28</sup></b>	0075-15439LPD	<i>JN-MN</i>	<b>470954<sup>28</sup></b>
0044461	<i>HYST</i>	<b>417254</b>	0050-12244SS	<i>JN-MN</i>	<b>342613<sup>28</sup></b>	0062-13914LUP	<i>JN-MN</i>	<b>471466<sup>28</sup></b>	00753081033	<i>ALLCH</i>	<b>416891<sup>28</sup></b>
0044472	<i>HYST</i>	<b>416282</b>	0050-13163LPD	<i>JN-MN</i>	<b>471526<sup>28</sup></b>	00624880LUP	<i>JN-MN</i>	<b>471255<sup>28</sup></b>	0075-5166SS	<i>JN-MN</i>	<b>470954<sup>28</sup></b>
0044478	<i>HYST</i>	<b>455079<sup>28</sup></b>	0050-13448LUP	<i>JN-MN</i>	<b>471472<sup>28</sup></b>	0062-5084SS	<i>JN-MN</i>	<b>471466<sup>28</sup></b>	0075-5195SS	<i>JN-MN</i>	<b>1049</b>
0044479	<i>HYST</i>	<b>416664<sup>28</sup></b>	0050-13778SS	<i>JN-MN</i>	<b>471442<sup>28</sup></b>	0062-5152LUP	<i>JN-MN</i>	<b>471466<sup>28</sup></b>	0075-5992SS	<i>JN-MN</i>	<b>470954<sup>28,29</sup></b>
0044483	<i>HYST</i>	<b>240736</b>	0050-14806LUP	<i>JN-MN</i>	<b>471442<sup>28</sup></b>	0062-5410SS	<i>JN-MN</i>	<b>471264<sup>28</sup></b>	00756268SS	<i>JN-MN</i>	<b>343185</b>
0044484	<i>HYST</i>	<b>416154<sup>28</sup></b>	0050-4810SS	<i>JN-MN</i>	<b>471442<sup>28,29</sup></b>	00625506SS	<i>JN-MN</i>	<b>471255<sup>28</sup></b>	0075-6418SS	<i>JN-MN</i>	<b>471567<sup>28</sup></b>
0044490	<i>HYST</i>	<b>415023</b>	00505135SS	<i>JN-MN</i>	<b>471472<sup>28</sup></b>	0062-6093SS	<i>JN-MN</i>	<b>471466<sup>28</sup></b>	0075-6531SS	<i>JN-MN</i>	<b>471567<sup>28</sup></b>
0044495	<i>HYST</i>	<b>472144<sup>28</sup></b>	00505473SS	<i>JN-MN</i>	<b>471442<sup>28</sup></b>	0062-6189SS	<i>JN-MN</i>	<b>343105</b>	0075-6932LA	<i>JN-MN</i>	<b>471567<sup>28</sup></b>
004.450	<i>ELRNG</i>	<b>710850</b>	00505883SS	<i>JN-MN</i>	<b>471526<sup>28</sup></b>	0062-6189SS	<i>JN-MN</i>	<b>7399S<sup>28</sup></b>	00757674	<i>ALLCH</i>	<b>450365</b>
0044500	<i>HYST</i>	<b>40520S</b>	0050-8855SS	<i>JN-MN</i>	<b>471549<sup>28</sup></b>	0062-9152LUP	<i>JN-MN</i>	<b>471564</b>	00757674	<i>ALLCH</i>	<b>470898<sup>28</sup></b>
0044503	<i>HYST</i>	<b>472164<sup>28</sup></b>	00508BA	<i>SABO</i>	<b>221710</b>	00629634LUP	<i>JN-MN</i>	<b>471466<sup>28</sup></b>	0075-8463LUP	<i>JN-MN</i>	<b>470027</b>
0044504	<i>HYST</i>	<b>455509</b>	0050-9212SS	<i>JN-MN</i>	<b>43080S</b>	006-409-399	<i>AUDI</i>	<b>224520</b>	0075-8463LUP	<i>JN-MN</i>	<b>471554<sup>28</sup></b>
0044508	<i>HYST</i>	<b>365008<sup>29</sup></b>	00511451	<i>ALLCH</i>	<b>417205<sup>28</sup></b>	006-409-399	<i>VW</i>	<b>224520</b>	0075-9240LUP	<i>JN-MN</i>	<b>470954<sup>28</sup></b>
0044515	<i>HYST</i>	<b>451948</b>	0051718	<i>HYST</i>	<b>455189</b>	00644294	<i>ALLCH</i>	<b>240356</b>	0075-9339LUP	<i>JN-MN</i>	<b>471643<sup>28</sup></b>
						0065-13135LPD	<i>JN-MN</i>	<b>481537</b>	0075-9651LUP	<i>JN-MN</i>	<b>470954<sup>28</sup></b>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0075-9983LUP	JN-MN	471684 <sup>2B</sup>	008 997 73 46	MERCE	1129	01002	WEBER	351267	01019928	CORTE	3476
0075-9983LUP	JN-MN	471698	008PKG	TIMKE	008PKG	01002	WEBER	471267 <sup>2B</sup>	01019928B	CORTE	3476
0075-9992LPD	JN-MN	471567 <sup>2B</sup>	008R	TIMKE	008PKG	010032AB	CASE	470351	01020045	CORTE	710608
0077115	HYST	416107 <sup>2B</sup>	00930838	ALLCH	417278	010032AB	CASE	471504 <sup>2B</sup>	01020045B	CORTE	710608
0077692	HYST	470898	0093-10229LUP	JN-MN	471571	010-042-00	DEXTE	482126	01020381	CORTE	224250
0077993	HYST	40140S	0093-5880LPD	JN-MN	450039 <sup>29</sup>	010-047-00	DEXTE	412920	01020381B	CORTE	224250
0078016	HYST	6988H	0093-6800LPD	JN-MN	471647	010-051-00	DEXTE	370450A	01020536	CORTE	224052
0078-14779LPD	JN-MN	20X32X7	0093-8928LPD	JN-MN	472951	010-051-01	DEXTE	370150A	01020536B	CORTE	224052
0078-18798LUP	JN-MN	481443 <sup>2B</sup>	0093-8928LPD	JN-MN	474252	010-054-00	DEXTE	442109	01025572	CORTE	239146
007855523	LF-PT	471337	0093-9186LUP	JN-MN	471647	010-055-01	DEXTE	370025A	01025572B	CORTE	239146
00792762	ALLCH	6703S	00939219LPD	JN-MN	471255 <sup>2B</sup>	010-056-00	DEXTE	370014A	01025573	CORTE	1992
0079385	HYST	415991 <sup>2B</sup>	0095226	CHRY5	471341 <sup>2B</sup>	0100-5629LPD	JN-MN	471744 <sup>2B</sup>	01025573B	CORTE	1992
0079385	HYST	415991N	0096-11316SS	JN-MN	451583 <sup>2B</sup>	0100-5700SS	JN-MN	350414	01025619	CORTE	473823
0079389	HYST	416271 <sup>2B</sup>	0096-11893LUP	JN-MN	450339	0100-5700SS	JN-MN	472311 <sup>2B</sup>	01025619B	CORTE	473823
00796BR	SABO	16X32X7	00962BRGP	SABO	223520	0100-5764SS	JN-MN	471733	0102602	HYST	455471
0079972946	MERCE	710780	0096-5853LA	JN-MN	451583 <sup>2B</sup>	0100-5793SS	JN-MN	471689 <sup>2B</sup>	01026136	CORTE	471192
007PKG	TIMKE	007PKG	00967612	ALLCH	472164 <sup>2B</sup>	010-058-00	DEXTE	417247	01026136B	CORTE	471192
007R	TIMKE	007PKG	0096-9744LUP	JN-MN	451583 <sup>2B,29</sup>	0100-5986LA	JN-MN	471689 <sup>2B</sup>	01026325	CORTE	710468
0080-11924LPD	JN-MN	471231 <sup>2B</sup>	0097069	HYST	413246	010-060-00	DEXTE	474276	01026325B	CORTE	710468
00802975	ALLCH	450519	0097069	HYST	413246N	0100-6007LUP	JN-MN	471760	01026327	CORTE	710467
00802975	ALLCH	471271 <sup>2B</sup>	00974BA	SABO	710533	0100-6084LUP	JN-MN	470120	01026327B	CORTE	710467
0081-10403LPD	JN-MN	471231 <sup>2B</sup>	00974GAO	SABO	710533	0100-6084LUP	JN-MN	471224 <sup>2B</sup>	01026420	CORTE	200855
0081-12406LPD	JN-MN	471645	0098-13044LPD	JN-MN	25X47X7	010-063-00	DEXTE	370219A	01026420B	CORTE	200855
0081-13438LPD	JN-MN	471686	0098-13994LPD	JN-MN	25X52X7 <sup>2B</sup>	0100-6330LPD	JN-MN	471733	01027755	CORTE	1979
0081-13647LPD	JN-MN	471729	0098471	HYST	415295	0100-8442SS	JN-MN	471649 <sup>2B</sup>	01027755B	CORTE	1979
0081-15451LPD	JN-MN	471645	0098524	HYST	410183N	0100-8485LPD	JN-MN	470219	01028700	AJUSA	710302
0081-5292SS	JN-MN	417539 <sup>2B</sup>	0098-5324SS	JN-MN	472324 <sup>2B</sup>	0100-8485LPD	JN-MN	471649 <sup>2B</sup>	01029678	CORTE	710290
00815BR	SABO	22X42X10	0098643	HYST	470737N	0100-8814LUP	JN-MN	471649 <sup>2B</sup>	01029678B	CORTE	710290
0081-7348LPD	JN-MN	450030	0098-6755LPD	JN-MN	471688	0100-8975LPD	JN-MN	453165	01031073	CORTE	710728
0081-7348LPD	JN-MN	474253	0098-7116LUP	JN-MN	470120	0100-8975LPD	JN-MN	471619 <sup>2B</sup>	01031073B	CORTE	710728
0081-9743LPD	JN-MN	471231 <sup>2B</sup>	0098-7116LUP	JN-MN	471224 <sup>2B</sup>	01008D	CASE	471795	01031573	CORTE	710484
00825BR	SABO	22X42X10	0098732	HYST	417503	0100-9520LUP	JN-MN	471760	01031573B	CORTE	710484
00839BR	SABO	32X50X8	0098D3902	LF-PT	416047	01009859LUP	JN-MN	471224 <sup>2B</sup>	01031902	CORTE	224250
0084-13062LPD	JN-MN	473413	0098D3902	LF-PT	416332 <sup>2B</sup>	0100-9900LUP	JN-MN	471760	01031902B	CORTE	224250
00849BA	SABO	44053	0099973547	MERCE	710289	0101493	THIOK	472636 <sup>2B</sup>	01032572	CORTE	710764
0086-17420SS	JN-MN	22X32X7	0099975347	MERCE	223535	01017573	CORTE	710758	01032572B	CORTE	710764
0087-13581LUP	JN-MN	471137	0099975347	MERCE	711027	01017573B	CORTE	710758	01033292	CORTE	3543
008.720	ELRNG	710589	0099978947	MERCE	710289	01018030	CORTE	710589	01033292B	CORTE	3543
0087355	HYST	415836	009PKG	TIMKE	009PKG	01018030B	CORTE	710589	01033845	CORTE	710529
0087355	HYST	415995 <sup>2B</sup>	009R	TIMKE	009PKG	01018330	CORTE	223510	01033845B	CORTE	710529
0087382	HYST	416404 <sup>2B</sup>	00A-103-085	VW	710288	01018330B	CORTE	223510	01033858	CORTE	710651
0087-5118SS	JN-MN	340483	00A-103-085A	VW	710289	010187	AVCO	40494S	01033858B	CORTE	710651
00875660LUP	JN-MN	471267 <sup>2B</sup>	010-001-00	DEXTE	440972	010188	AVCO	40230S	01033860	CORTE	711029
0087-5720LPD	JN-MN	471570 <sup>2B</sup>	010-004-00	DEXTE	442251	01019151	CORTE	710714	01033860B	CORTE	711029
0087-5780SS	JN-MN	471570 <sup>2B</sup>	010-009-00	DEXTE	40382	01019151B	CORTE	710714	01033865B	CORTE	710619
0087-6133SS	JN-MN	471267 <sup>2B</sup>	010-010-00	DEXTE	413470	010192	AVCO	470548	01033867	CORTE	710279
0087-6158SS	JN-MN	240733	010010183LUP	JN-MN	450593 <sup>2B</sup>	010192	AVCO	470625 <sup>2B</sup>	01033867B	CORTE	710279
0087-6499SS	JN-MN	340483	0100-10749LPD	JN-MN	470219	01019205	CORTE	1962	01033868	CORTE	710783
0087656	HYST	415449 <sup>2B</sup>	0100-10749LPD	JN-MN	471649 <sup>2B</sup>	01019205B	CORTE	1962	01033868B	CORTE	710783
0087-6710SS	JN-MN	471646 <sup>2B</sup>	0100-10751LUP	JN-MN	470120	01019283	CORTE	710758	01033874	CORTE	710588
0087-6988LPD	JN-MN	471267 <sup>2B</sup>	0100-10751LUP	JN-MN	471224 <sup>2B</sup>	01019283B	CORTE	710758	01033874B	CORTE	710588
00878464LUP	JN-MN	471570 <sup>2B</sup>	0100-10952LUP	JN-MN	471689 <sup>2B</sup>	01019289	CORTE	223535	01033878	CORTE	710487
0087-8465LPD	JN-MN	470590	0100-12489LUP	JN-MN	471270 <sup>2B</sup>	01019289	CORTE	711027	01033878B	CORTE	710487
0087-9415LPD	JN-MN	471267 <sup>2B</sup>	0100-13458LUP	JN-MN	450593 <sup>2B</sup>	01019289B	CORTE	223535	01033982	CORTE	710780
0087-9975LPD	JN-MN	471646 <sup>2B</sup>	0100-13673LPD	JN-MN	471689 <sup>2B</sup>	01019289B	CORTE	711027	01033982B	CORTE	710780
0088035	HYST	470954 <sup>2B</sup>	0100-14058LUP	JN-MN	471224 <sup>2B</sup>	01019451	CORTE	710642	01034060	CORTE	710729
0088176	HYST	415447	0100-15668LUP	JN-MN	471649 <sup>2B</sup>	01019451B	CORTE	710642	01034060B	CORTE	710729
0089307	HYST	417262 <sup>2B</sup>	0100-16447LUP	JN-MN	471270 <sup>2B</sup>	01019480	CORTE	710462	01034061	CORTE	713087
0089970146	MERCE	710197 <sup>2B</sup>	0100-17694LDS	JN-MN	471224 <sup>2B</sup>	01019480B	CORTE	710462	01034061B	CORTE	713087
0089971146	MERCE	225875	01001CU	CASE	473473	010195	AVCO	473440 <sup>2B</sup>	01034065	CORTE	224040

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
01034065B	CORTE	224040	01061528	VICK	415442 <sup>28</sup>	0112-5307SS	JN-MN	471652	012.370	ELRNG	710617
01034130	CORTE	710743	0106-5723LUP	JN-MN	450342	0112-5583LPD	JN-MN	471747 <sup>28</sup>	012.380	ELRNG	710759
01034130B	CORTE	710743	0106-5724LPD	JN-MN	471762 <sup>28</sup>	0112-5583LPD	JN-MN	472674	012401	AVCO	470358
01034131	CORTE	710749	0106-6771SS	JN-MN	471705 <sup>28</sup>	0112-7054LUP	JN-MN	470712 <sup>28</sup>	012401	AVCO	473231 <sup>28</sup>
01034131B	CORTE	710749	0106-7215LUP	JN-MN	471651	0112-9065LUP	JN-MN	472954	012404	AVCO	3893V <sup>28</sup>
01034759	CORTE	100944	0106-9013LUP	JN-MN	450188	0112-9460LUP	JN-MN	470189	012-409-399B	AUDI	224520
01034759B	CORTE	100944	0106-9276LPD	JN-MN	471705 <sup>28</sup>	0112-9460LUP	JN-MN	471692 <sup>28</sup>	012-409-399B	VW	224520
01034860	CORTE	710751	01069363LPD	JN-MN	470606 <sup>28</sup>	0112-9558LUP	JN-MN	471763	012510053LPD	JN-MN	471801 <sup>28</sup>
01034860B	CORTE	710751	010701	CHECK	5778	0112-9625LUP	JN-MN	471652	0125-10058LUP	JN-MN	471766 <sup>28</sup>
01034861	CORTE	710750	010724	CHECK	473228 <sup>28</sup>	01129650LPD	JN-MN	471785 <sup>28</sup>	0125-10833SS	JN-MN	40140S
01034861B	CORTE	710750	010724	CHECK	481837	0112-9714LPD	JN-MN	350974 <sup>28</sup>	0125-10877SS	JN-MN	474278
01034936	CORTE	710325	010727	CHECK	9912	0112-9789LUP	JN-MN	470045	0125-10877SS	JN-MN	480356
01034936B	CORTE	710325	010756AB	CASE	415379	0112-9789LUP	JN-MN	476838 <sup>28</sup>	012511193LPD	JN-MN	471795
01034938	CORTE	710318	010816AB	CASE	418028	0112-9848LUP	JN-MN	471652	0125-11583SS	JN-MN	340356
01034938B	CORTE	710318	010816AB	CASE	455137 <sup>28</sup>	0112-9848LUP	JN-MN	482208 <sup>28</sup>	0125-11982LUP	JN-MN	471818
01034940	CORTE	712551	010817	CASE	418028	011299	AVCO	470954 <sup>28</sup>	0125-13578LDS	JN-MN	471801 <sup>28</sup>
01034940B	CORTE	712551	010817	CASE	455137 <sup>28</sup>	01135BR	SABO	227040	0125-14904LDS	JN-MN	471766 <sup>28</sup>
0103-5132SS	JN-MN	481650	010817AB	CASE	418028	0115	GARLK	471579	0125-5026LA	JN-MN	470163
01035169	CORTE	710746	010817AB	CASE	455137 <sup>28</sup>	011513	CHECK	6712NA	0125-5026LA	JN-MN	471766 <sup>28</sup>
01035169B	CORTE	710746	010846AB	CASE	240731	0115-5212LUP	JN-MN	471736	0125-5164SS	JN-MN	471833 <sup>29</sup>
01035172	CORTE	710744	010876AB	CASE	470169	0116	GARLK	471579	0125-5389LUP	JN-MN	471413 <sup>28</sup>
01035172B	CORTE	710744	010876AB	CASE	473214	01160BR	SABO	65X80X8	0125-5727LA	JN-MN	470163
01035173	CORTE	710745	010889AB	CASE	415001 <sup>28</sup>	011613200	EATON	415295	0125-5727LA	JN-MN	471766 <sup>28</sup>
01035173B	CORTE	710745	010889AB	CASE	455001	011619	CHECK	9449	01255728LUP	JN-MN	471787 <sup>28</sup>
01035174	CORTE	710486	0109000	HYST	474276 <sup>28</sup>	011633	CHECK	8792S	01255729LUP	JN-MN	471801 <sup>28</sup>
01035174B	CORTE	710486	0109224	HYST	471744 <sup>28</sup>	011641	AVCO	471870 <sup>28</sup>	0125-6328SS	JN-MN	470806 <sup>29</sup>
01035435	CORTE	223005	010983AB	CASE	470219	011641	AVCO	471883	0125663	HYST	471419
01035435B	CORTE	223005	010983AB	CASE	471649 <sup>28</sup>	0118-10426LUP	JN-MN	471354 <sup>28</sup>	0125663	HYST	473367
010.360	ELRNG	1987	0109956547	MERCE	1960	011810500LPD	JN-MN	474255	0125689	HYST	417350 <sup>28</sup>
01036702	CORTE	710762	010 997 04 47	MERCE	710608	011810569LUP	JN-MN	474255	012569	AVCO	450362
01036702B	CORTE	710762	0109970947	MERCE	710289	011810682LPD	JN-MN	471765 <sup>28</sup>	012570	AVCO	450070
0103-6704SS	JN-MN	471076	010 997 10 47	MERCE	710288	0118-15129LPD	JN-MN	30X47X7	012570	AVCO	472185 <sup>28</sup>
01037027	CORTE	710671	0109973347	MERCE	710289	0118-16465LDS	JN-MN	473205 <sup>28</sup>	0125710	HYST	471554 <sup>28</sup>
01037027B	CORTE	710671	0109973447	MERCE	710289	0118-17236LUP	JN-MN	223014	012572	AVCO	450069
010392	AVCO	471689 <sup>28</sup>	010 997 42 47	MERCE	716484	0118-18463LUP	JN-MN	473205 <sup>28</sup>	012572	AVCO	473232
01039LX	CASE	471270 <sup>28</sup>	010 997 43 47	MERCE	713771	01183BR	SABO	75X105X13	012574	AVCO	450352
010-409-085	VW	223010	010 997 45 47	MERCE	713771	0118-5204LPD	JN-MN	472432	012574	AVCO	472164 <sup>28</sup>
010-409-085D	AUDI	223010	010 997 46 47	MERCE	713771	0118-5204LPD	JN-MN	474256	0125-8820LPD	JN-MN	471413 <sup>28</sup>
010-409-085D	VW	223010	010 997 47 47	MERCE	710608	01186162LUP	JN-MN	471765 <sup>28</sup>	0125-8924LPD	JN-MN	471833
010-409-085E	AUDI	223010	010 997 49 47	MERCE	710608	0118-6309SS	JN-MN	471354 <sup>28</sup>	01259028LUP	JN-MN	471750 <sup>28</sup>
010-409-085E	VW	223010	010 997 50 47	MERCE	710608	0118-6474SS	JN-MN	30X62X7 <sup>29</sup>	0125-9180LPD	JN-MN	450177
010-409-255	VW	1965	0109976147	MERCE	223005	0118-7011LUP	JN-MN	470347	0125-9273LPD	JN-MN	471737
010-409-255A	VW	1965	0109976247	MERCE	223005	0118-7011LUP	JN-MN	474254	01259423LPD	JN-MN	471795
010409529B	VW	1174	0109976747	MERCE	1960	011892	AVCO	40568S	0126-15054LPD	JN-MN	3476
010-409-529C	AUDI	1174	0109978947	MERCE	710289	0118-9511LPD	JN-MN	472475	012617278LUP	JN-MN	32X56X10 <sup>28</sup>
010-409-529C	VW	1174	010 997 90 47	MERCE	710288	0119488	HYST	240698	0127.12	PEUGE	229005
010-409-529-D	AUDI	1174	010PKG	TIMKE	010PKG	011 997 06 47	MERCE	710288	0127.23	PEUGE	229005
010-409-529-D	VW	1174	010R	TIMKE	010PKG	0119975147	MERCE	239155	012743	CITRO	710849
010-409-568	AUDI	3083	01100BAG	SABO	8835S	0119975547	MERCE	1960	012743	PEUGE	710849
010-409-568	VW	3083	01110800	AJUSA	710857	0119976046	MERCE	1960	012749	CITRO	710849
010-409-568A	VW	3083	01119BAG	SABO	8460N	0119976946	MERCE	227550	012749	PEUGE	710849
01040LX	CASE	470390	0112-10406LUP	JN-MN	471763	011PKG	TIMKE	011PKG	012751	AVCO	204008
010547	AVCO	450194	0112-10616SS	JN-MN	471692 <sup>28</sup>	011R	TIMKE	011PKG	012851	AVCO	472185 <sup>28</sup>
010547	AVCO	473010 <sup>28</sup>	0112-11834SS	JN-MN	472560N <sup>28</sup>	012.180	ELRNG	712008	012915491LPD	JN-MN	33X50X12 <sup>28</sup>
0105-6424LA	JN-MN	450043	0112-11834SS	JN-MN	50151S	012224	AVCO	450117	012943	AVCO	471854 <sup>28</sup>
0105-6424LA	JN-MN	473419	0112-17691LDS	JN-MN	471692 <sup>28</sup>	012224	AVCO	472572 <sup>28</sup>	0129936	HYST	471835 <sup>28</sup>
010570AB	CASE	340483	0112-17701LUP	JN-MN	471785 <sup>28</sup>	01231AB	CASE	5M403	012 997 11 46	MERCE	710618
0106-14672LPD	JN-MN	471735	0112-5254SS	JN-MN	352560	0123270	HYST	415960	012 997 87 47	MERCE	710196
010615	VICK	470328	0112-5254SS	JN-MN	472560N <sup>28</sup>	012367	AVCO	415088 <sup>28</sup>			
010615	VICK	481213 <sup>28</sup>	0112-5298SS	JN-MN	470712 <sup>28</sup>	012367	AVCO	455088			

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
012PKG	TIMKE	012PKG	0141149	HYST	417605	0150-12184LUP	JN-MN	5115	0157-11498LPD	JN-MN	482253
012R	TIMKE	012PKG	0141671	HYST	417603 <sup>28</sup>	0150-12294LPD	JN-MN	473440 <sup>28</sup>	0157-14577LPD	JN-MN	224025
0131-12210LPD	JN-MN	473422	0143040	HYST	415498	01-50140	LILIS	204027	0157-17405LUP	JN-MN	224025
0131-12830LPD	JN-MN	473211 <sup>28</sup>	014-311-113	AUDI	222030	0150-14618LDS	JN-MN	473228 <sup>28</sup>	0157884	HYST	417316 <sup>28</sup>
0131-14341LPD	JN-MN	472826 <sup>28</sup>	014-311-113	PORSC	222030	0150-15143LDS	JN-MN	470077	01589BR	SABO	33X52X6
0131-6134LPD	JN-MN	473213 <sup>28</sup>	014-311-113	VW	222030	0150-15143LDS	JN-MN	474281 <sup>28</sup>	0159178	HYST	416130 <sup>28</sup>
0131-7109LA	JN-MN	40769S	014-311-113A	AUDI	222030	0150158	HYST	470077	0159295	HYST	45637S
0131-9630LPD	JN-MN	481834	014-311-113A	PORSC	222030	0150158	HYST	474281 <sup>28</sup>	0159572	HYST	416624 <sup>28</sup>
0133456	HYST	471737	014-311-113A	VW	222030	0150194	HYST	415867	0159970147	MERCE	711028
0133523	HYST	455019 <sup>28</sup>	014-311-113B	AUDI	222030	0150-5414LUP	JN-MN	410190	015 997 12 46	MERCE	224250
0134717	HYST	471231 <sup>28</sup>	014-311-113B	PORSC	222030	0150-5619SS	JN-MN	473228 <sup>28,29</sup>	0159971447	MERCE	710758
0137-10404LUP	JN-MN	470169	014-311-113B	VW	222030	0150-5696LUP	JN-MN	470077	0159974647	MERCE	711028
0137-10404LUP	JN-MN	473214	014-311-113F	VW	222030	0150-5696LUP	JN-MN	474281 <sup>28</sup>	015 997 54 47	MERCE	710587
0137-10485LUP	JN-MN	472258 <sup>28</sup>	0143-12894SS	JN-MN	473244 <sup>28</sup>	0150-5734LUP	JN-MN	473440 <sup>28</sup>	0159975647	MERCE	711028
0137-10524LUP	JN-MN	470950 <sup>28</sup>	0143-13554LUP	JN-MN	473016 <sup>28</sup>	0150-5821SS	JN-MN	470625 <sup>28</sup>	015 997 59 45	MERCE	710946
0137-10524LUP	JN-MN	6241S	0143-19084LDS	JN-MN	3395 <sup>28</sup>	0150-6679LUP	JN-MN	473227 <sup>28</sup>	015 997 79 47	MERCE	710587
0137-10753LUP	JN-MN	470403	0143-4050LPD	JN-MN	473225 <sup>28</sup>	0150-7033LUP	JN-MN	470625 <sup>28</sup>	015 997 80 47	MERCE	710587
0137-10753LUP	JN-MN	470774 <sup>28</sup>	0143-4850LPD	JN-MN	473016 <sup>28</sup>	015077	AVCO	471224 <sup>28</sup>	015 997 81 47	MERCE	710587
0137-10855LPD	JN-MN	472354 <sup>28</sup>	0143-5732LUP	JN-MN	473226	01507BR	SABO	24X42X10	015PKG	TIMKE	015PKG
0137-10855LPD	JN-MN	50395S	0143-7047LA	JN-MN	473224 <sup>28</sup>	0150-9041LUP	JN-MN	450067	015R	TIMKE	015PKG
0137-11568LPD	JN-MN	472287 <sup>28</sup>	0143-7216LUP	JN-MN	473224 <sup>28</sup>	0150-9041LUP	JN-MN	473228	0161003	LILIS	473236 <sup>28</sup>
0137-14854LPD	JN-MN	470774 <sup>28</sup>	0143-7346LPD	JN-MN	470062	0150-9056LUP	JN-MN	451857	0161014	LILIS	450452
0137-15099LUP	JN-MN	471192	0143-7346LPD	JN-MN	474264	0150-9483LPD	JN-MN	473228 <sup>28</sup>	0161014	LILIS	473197
0137174	HYST	417269 <sup>28</sup>	0143-9181LUP	JN-MN	3395 <sup>28</sup>	0150-9831LPD	JN-MN	481163 <sup>28</sup>	016168500	EATON	410752
0137-18799LUP	JN-MN	450516	0143-9454LPD	JN-MN	473225 <sup>28</sup>	0150-9952LUP	JN-MN	450067	016170700	EATON	470120
0137-3740LPD	JN-MN	473214 <sup>28</sup>	014-409-399	VW	1217	0150-9952LUP	JN-MN	473228	016170700	EATON	471224 <sup>28</sup>
0137-40000LDS	JN-MN	473214 <sup>28</sup>	014409399A	AUDI	1217	0152848	HYST	417480 <sup>28</sup>	016171000	EATON	471424 <sup>28</sup>
0137-5153SS	JN-MN	473214 <sup>28</sup>	014-409-399B	AUDI	1217	0152863	HYST	416278	0162-10035LPD	JN-MN	473232 <sup>28</sup>
0137-5271SS	JN-MN	472258 <sup>28</sup>	014-409-399B	VW	1217	0152883	HYST	416888 <sup>28</sup>	0162-10060LPD	JN-MN	450194
0137-5644LUP	JN-MN	473215 <sup>28</sup>	014-409-399D	AUDI	224052	015326	AVCO	471958	0162-10060LPD	JN-MN	473010 <sup>28</sup>
0137-5731LPD	JN-MN	470950 <sup>28</sup>	014-409-399D	VW	224052	0153716	HYST	200885	016210405LPD	JN-MN	474274
0137-5731LPD	JN-MN	6241S	014-409-399G	VW	1217	0155-16-103	MAZDA	223012	0162-12007LPD	JN-MN	450066
0137-5804SS	JN-MN	472258 <sup>28</sup>	014-409-400A	AUDI	224052	01551BR	SABO	35X58X10	0162-12007LPD	JN-MN	473367 <sup>28</sup>
0137-5830SS	JN-MN	471192	0145752	HYST	471267 <sup>28</sup>	0155346	HYST	417343 <sup>28</sup>	0162-13517LDS	JN-MN	471419
0137-5983LA	JN-MN	472287 <sup>28</sup>	0145753	HYST	471224 <sup>28</sup>	0155361	HYST	JX1190	0162-13517LDS	JN-MN	473367
0137-60013LDS	JN-MN	473214 <sup>28</sup>	0146-10055LPD	JN-MN	470548	01553BR	SABO	45X72X95	0162-17687LDS	JN-MN	473231 <sup>28</sup>
0137-6369SS	JN-MN	323138 <sup>28</sup>	0146-10055LPD	JN-MN	470625 <sup>28</sup>	0155402	HYST	J1111	0162-17745LUP	JN-MN	481864
0137-6506SS	JN-MN	471192 <sup>29</sup>	0146-11809LUP	JN-MN	450523	0155403	HYST	442109	0162-3965LPD	JN-MN	450194
0137-6528LA	JN-MN	470403	01464193LPD	JN-MN	473439 <sup>28</sup>	0155577	HYST	471538 <sup>28</sup>	0162-3965LPD	JN-MN	473010 <sup>28</sup>
0137-6528LA	JN-MN	470774 <sup>28</sup>	0146-4193LUP	JN-MN	473439 <sup>28</sup>	0156042	HYST	413247 <sup>28</sup>	0162-40043LDS	JN-MN	473231 <sup>28</sup>
0137-6786LA	JN-MN	450776 <sup>28</sup>	014848	AVCO	417082	0156-10190LPD	JN-MN	476510	0162-6001LA	JN-MN	470358
0137-8449SS	JN-MN	470950 <sup>28</sup>	014911427LUP	JN-MN	480630 <sup>28</sup>	0156-11514LPD	JN-MN	471827 <sup>28</sup>	0162-6001LA	JN-MN	473231
0137-8449SS	JN-MN	6241S	01499643LPD	JN-MN	480630 <sup>28</sup>	0156-14019LUP	JN-MN	472299	0162-6056LUP	JN-MN	450194
01378831LPD	JN-MN	471192	0149975046	MERCE	710714	0156-15198LPD	JN-MN	473229 <sup>28</sup>	0162-6056LUP	JN-MN	473010 <sup>28</sup>
0137-9080LUP	JN-MN	472354 <sup>28</sup>	0149977046	MERCE	710289	0156-15770LDS	JN-MN	473229 <sup>28</sup>	0162-6419SS	JN-MN	473231 <sup>28</sup>
0137-9080LUP	JN-MN	50395S	0149979947	MERCE	711028	0156-17486LUP	JN-MN	472299	0162-6509LA	JN-MN	450069
0137-9394LUP	JN-MN	450444	014PKG	TIMKE	014PKG	0156200	HYST	416229	0162-6509LA	JN-MN	473232
0137-9394LUP	JN-MN	471835 <sup>28</sup>	014R	TIMKE	014PKG	0156205	HYST	471424 <sup>28</sup>	0162-7073LUP	JN-MN	470358
0137-9733LPD	JN-MN	471276	015000	AVCO	473227 <sup>28</sup>	0156220	HYST	415897	0162-7073LUP	JN-MN	473231
0138120	HYST	472258 <sup>28</sup>	0150006	LILIS	200354	0156223	HYST	415458 <sup>28</sup>	0162-7365LUP	JN-MN	450066
0139852	HYST	340847	015001	AVCO	472394	0156234	HYST	416339	0162-7365LUP	JN-MN	473367 <sup>28</sup>
013 997 00 46	MERCE	710618	0150030	HYST	410190	0156-3876LUP	JN-MN	473229 <sup>28</sup>	0162-9636LUP	JN-MN	473232 <sup>28</sup>
013 997 24 48	MERCE	710906	0150-10172LPD	JN-MN	470548	0156-5536LUP	JN-MN	450185	0162-9849LUP	JN-MN	450078
013 997 38 46	MERCE	710905	0150-10172LPD	JN-MN	470625 <sup>28</sup>	0156-5536LUP	JN-MN	473229	0162-9849LUP	JN-MN	473444
0139976847	MERCE	710289	015011100LPD	JN-MN	470059	01565542LPD	JN-MN	455655 <sup>28,29</sup>	0163-16-103	MAZDA	222430
0139976946	MERCE	710641	015011100LPD	JN-MN	470380 <sup>28</sup>	0156-5627LPD	JN-MN	470682	016321	JOHND	471466 <sup>28</sup>
013PKG	TIMKE	013PKG	015011172LPD	JN-MN	470059	0156-6836LUP	JN-MN	472213	0163871	HYST	415086N
013R	TIMKE	013PKG	015011172LPD	JN-MN	470380 <sup>28</sup>	0156-9445LPD	JN-MN	470064	0163871	HYST	417487 <sup>28</sup>
01404086	ALLCH	470530 <sup>28</sup>	0150-11272SS	JN-MN	340136	0156-9445LPD	JN-MN	471821 <sup>28</sup>	0163912	HYST	471869
0140471	HYST	415725 <sup>28</sup>	0150-11654LUP	JN-MN	481163 <sup>28</sup>	0157-11302LPD	JN-MN	482253	0163912	HYST	473459

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
016-409-399B	AUDI	224520	0175-5597LUP	JN-MN	472185 <sup>28</sup>	0187-12407LPD	JN-MN	473238 <sup>28</sup>	01943BAGEP	SABO	2955
016-409-399B	PORSC	224520	0175-5772LUP	JN-MN	470334 <sup>28</sup>	0187-12528LPD	JN-MN	472572 <sup>28</sup>	01945BRGS	SABO	228480
016-409-399B	SEAT	224520	0175-5993SS	JN-MN	450400	0187-14905LDS	JN-MN	472439	0196069	HYST	411245 <sup>28</sup>
016-409-399B	VW	224520	0175-8461LUP	JN-MN	470088	0187-16012LUP	JN-MN	473239 <sup>28</sup>	0196071	HYST	417352
0164639	HYST	JV1166	0175-8887LUP	JN-MN	473448	0187-17670LDS	JN-MN	473238 <sup>28</sup>	0196071	HYST	418028
01647311	GMC	710263	0175-9076LPD	JN-MN	471984	0187-17793LUP	JN-MN	472439	0196072	HYST	J1122
0167176	HYST	417602 <sup>28</sup>	0175-9077LPD	JN-MN	472185 <sup>28</sup>	0187-5576SS	JN-MN	414045 <sup>28,29</sup>	0196-11837LPD	JN-MN	450389
01672BR	SABO	10X22X7 <sup>28</sup>	0175-9710LUP	JN-MN	470334 <sup>28</sup>	0187-5750LA	JN-MN	450117	0196-11837LPD	JN-MN	472492 <sup>28</sup>
0168-10054LUP	JN-MN	473234 <sup>28</sup>	0175-9799LPD	JN-MN	470351	0187-5750LA	JN-MN	472572 <sup>28</sup>	01962984	ALLCH	415142
0168-10250LUP	JN-MN	450154	0175-9799LPD	JN-MN	471504 <sup>28</sup>	0187-5773LA	JN-MN	414045 <sup>28</sup>	01964956	ALLCH	416339
0168-10250LUP	JN-MN	473234	0175-9854LUP	JN-MN	450494	0187-5826LPD	JN-MN	472439	0196-5466LPD	JN-MN	450095
0168-11015LPD	JN-MN	470086	0175-9854LUP	JN-MN	472164 <sup>28</sup>	0187-6727LA	JN-MN	450082	0196-5466LPD	JN-MN	473464 <sup>28</sup>
0168-15767LDS	JN-MN	473234 <sup>28</sup>	0175-9947LUP	JN-MN	450291	0187-6727LA	JN-MN	473238	0196-6666LA	JN-MN	450474
0168-16241LUP	JN-MN	473235 <sup>28</sup>	0175-9947LUP	JN-MN	471141 <sup>28</sup>	0187-6936LPD	JN-MN	473238 <sup>28</sup>	0196-8864LPD	JN-MN	450474
0168-16467LDS	JN-MN	473235 <sup>28</sup>	0175-9955LUP	JN-MN	450183	0187-8989LUP	JN-MN	450084 <sup>28</sup>	0196-9397LUP	JN-MN	450472 <sup>28</sup>
0168-5669LA	JN-MN	450154	0175-9955LUP	JN-MN	472179	0187-9189LPD	JN-MN	450117	01980BR	SABO	35X55X8 <sup>28</sup>
0168-5669LA	JN-MN	473234	0176364	HYST	471138 <sup>28</sup>	0187-9189LPD	JN-MN	472572 <sup>28</sup>	0198291	HYST	417349 <sup>28</sup>
0168-5690LPD	JN-MN	473445	0176-6234LA	JN-MN	6936S	0187-9190LPD	JN-MN	473240 <sup>28</sup>	01989086	ALLCH	415725 <sup>28</sup>
0168-60023LDS	JN-MN	473235 <sup>28</sup>	0177-11499LUP	JN-MN	50266	0187-9550LUP	JN-MN	472439	019 997 09 47	MERCE	710467
0168-60026LDS	JN-MN	473235 <sup>28</sup>	017713066LPD	JN-MN	224570	0187-9694SS	JN-MN	473238 <sup>28</sup>	0199971947	MERCE	710289
0168-6122LUP	JN-MN	470074	017717392LUP	JN-MN	1012N <sup>29</sup>	01880BAGE	SABO	4564V	019 997 36 47	MERCE	710467
0168-6122LUP	JN-MN	474265	017717392LUP	JN-MN	45X62X8 <sup>28</sup>	0188856	HYST	415035	019 997 37 47	MERCE	710467
0168-7031LUP	JN-MN	470074	0177-18375LUP	JN-MN	1979	0188856	HYST	415953	019 997 88 47	MERCE	710758
0168-7031LUP	JN-MN	474265	0177-18539LDS	JN-MN	1979	01899	SABO	2146	0199 97 96 47	MERCE	223010
0168-7048LPD	JN-MN	473233 <sup>28</sup>	0177-6226LA	JN-MN	450285	018 997 03 47	MERCE	713771	019PKG	TIMKE	019PKG
0168-8815LUP	JN-MN	473233 <sup>28</sup>	0178-12678LPD	JN-MN	452742	018 997 04 47	MERCE	710608	019R	TIMKE	019PKG
0168-8861SS	JN-MN	473236 <sup>28</sup>	0178345	HYST	415294 <sup>28</sup>	0189971947	MERCE	710289	01F-321-243	AUDI	710484
0168-9395LUP	JN-MN	473236 <sup>28</sup>	0179177	ALLCH	455655 <sup>28</sup>	0189975247	MERCE	710289	01F-321-243	VW	710484
0168-9395SS	JN-MN	473235 <sup>28</sup>	0179603	HYST	417545	0189977947	MERCE	223005	01F-321-835	AUDI	221207
016 997 97 47	MERCE	710288	0179633	HYST	415962	018PKG	TIMKE	018PKG	01F-321-835	VW	221207
016PKG	TIMKE	016PKG	01796432	ALLCH	415023	018R	TIMKE	018PKG	01F-409-399	AUDI	710794
016R	TIMKE	016PKG	01797372	ALLCH	352541	0191683SL	TRSCM	8059S	01F-409-399	VW	710794
01710BAG	SABO	1177	01798BAG	SABO	58X85X13	01918N	CASE	450311	01F-409-400	AUDI	1012N
01721BRG	SABO	100X130X12	017 997 39 47	MERCE	710589	0192239	HYST	JV933	01F-409-400	AUDI	710934
01722N	CASE	415007	0179975547	MERCE	224068	0193-10527LPD	JN-MN	473461 <sup>28</sup>	01F-409-400	VW	1012N
017304550001	JOY	415138 <sup>28</sup>	017 997 74 47	MERCE	710288	0193-10949LUP	JN-MN	450094	01F-409-400	VW	710934
017304550003	JOY	455576 <sup>28</sup>	017PKG	TIMKE	017PKG	0193-10949LUP	JN-MN	473462	01N-498-085	AUDI	224520
01737BR	SABO	11X17X4	017R	TIMKE	017PKG	0193-11535LPD	JN-MN	473460	01N-498-085	VW	224520
0174277	HYST	412473 <sup>28</sup>	0181-13922LDS	JN-MN	473450 <sup>28</sup>	0193-13579LDS	JN-MN	471869	01T4676A	FORD	473215 <sup>28</sup>
0174277	HYST	415894	0181-15020LPD	JN-MN	472020	0193-13579LDS	JN-MN	473459	01T4676A2	FORD	473215 <sup>28</sup>
01746B	SABO	20X42X10	01814BRG	SABO	1965	0193-15634LDS	JN-MN	472394	01T4676A3	FORD	473215 <sup>28</sup>
0175-10380LUP	JN-MN	450070	0181-5630LUP	JN-MN	473449 <sup>28</sup>	0193-16719LDS	JN-MN	472144 <sup>28</sup>	01T4676A4	FORD	473215 <sup>28</sup>
0175-10380LUP	JN-MN	472185 <sup>28</sup>	0181-5988LA	JN-MN	450090	0193-16984LUP	JN-MN	471869	01T4813	FORD	450307
0175-11241LPD	JN-MN	473313	0181692	HYST	416921 <sup>28</sup>	0193-16984LUP	JN-MN	473459	01T4813A	FORD	410308 <sup>28</sup>
0175-11518LPD	JN-MN	473237 <sup>28</sup>	0181737	HYST	471766 <sup>28</sup>	0193210	HYST	417362 <sup>28</sup>	01T4813A	FORD	450308
0175-11822SS	JN-MN	473237 <sup>28</sup>	0181-9168LPD	JN-MN	472070	0193-3556LUP	JN-MN	471195 <sup>28</sup>	01V-409-399A	AUDI	224052
0175-12006LPD	JN-MN	470334 <sup>28</sup>	0182614	HYST	471341 <sup>28</sup>	0193-3556LUP	JN-MN	481195	01V-409-399A	VW	224052
0175-13852LDS	JN-MN	472179	018-321-243	AUDI	224010	0193-5128LPD	JN-MN	450094	01Y1190A	FORD	5827
0175-14621LDS	JN-MN	472185 <sup>28</sup>	018-321-243	VW	224010	0193-5128LPD	JN-MN	473462	01Y1190A1	FORD	5827
0175-14849LPD	JN-MN	472164 <sup>28</sup>	018-409-399	AUDI	224520	0193-5276LA	JN-MN	471391 <sup>28</sup>	01Y4676A	FORD	470163
0175-14975LPD	JN-MN	472164 <sup>28</sup>	018-409-399	VW	224520	0193-5737LUP	JN-MN	472394	01Y4676A	FORD	471766 <sup>28</sup>
0175-15557LUP	JN-MN	472164 <sup>28</sup>	018-409-399B	AUDI	224052	01935826LPD	JN-MN	472439	01Y4676A1	FORD	470163
0175-16371LUP	JN-MN	471141 <sup>28</sup>	018-409-399B	VW	224052	0193-7347LPD	JN-MN	472394 <sup>29</sup>	01Y4676A1	FORD	471766 <sup>28</sup>
0175-17757LDS	JN-MN	472179	0184-8510LUP	JN-MN	473453	0193796	HYST	415988	02001	BRAD	470027
0175-18036LUP	JN-MN	471141 <sup>28</sup>	0184926	HYST	415138 <sup>28</sup>	0193-8443LPD	JN-MN	472319	02001	BRAD	471554 <sup>28</sup>
0175-18419LDS	JN-MN	471831 <sup>28</sup>	0184947	HYST	416556 <sup>28</sup>	0193-9396LPD	JN-MN	450094	02001	WEBER	470027
0175-19062LDS	JN-MN	472164 <sup>28</sup>	0184947	HYST	472157	0193-9396LPD	JN-MN	473462	02001	WEBER	471554 <sup>28</sup>
01751BRG	SABO	712009	0187-10-507	MAZDA	224020	0193-9596LPD	JN-MN	473241	0200-10207LUP	JN-MN	471870 <sup>28</sup>
017-525-275B	AUDI	224052	0187-10-507A	MAZDA	224020	0193-9626LPD	JN-MN	472144 <sup>28</sup>	0200-10207LUP	JN-MN	471883
0175-4465LUP	JN-MN	472179	0187-10-507B	MAZDA	224020	01942BRGP	SABO	3476	0200-10551SS	JN-MN	331107N

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0200-10618SS	JN-MN	40301S	02013	WEBER	450066	0206-11014LPD	JN-MN	450313	02142BRGF	SABO	3476
0200-10755LPD	JN-MN	450389	02013	WEBER	473367 <sup>28</sup>	0206-12163LPD	JN-MN	472012	02145BRG	SABO	712008
0200-10755LPD	JN-MN	472492 <sup>28</sup>	02015	WEBER	450352	0206-16533LUP	JN-MN	451948	0216-11569LPD	JN-MN	450621
0200-10757LPD	JN-MN	450301	02015	WEBER	472164 <sup>28</sup>	0206-17054LUP	JN-MN	450307	0216-5792LUP	JN-MN	55X72X8 <sup>28</sup>
0200-10757LPD	JN-MN	472397 <sup>28</sup>	02016	WEBER	450030	0206-5022LUP	JN-MN	473466	02176BRG	SABO	16X24X6
0200-10834SS	JN-MN	472492 <sup>28</sup>	02016	WEBER	474253 <sup>28</sup>	0206-5145LUP	JN-MN	450311	02178BRAG	SABO	714436
0200-11018LUP	JN-MN	450301	02017	WEBER	471558	0206-5571LPD	JN-MN	450311	02178BRAGS	SABO	1108
0200-11018LUP	JN-MN	472397 <sup>28</sup>	02018	WEBER	343185	020674500	EL-WH	203020	02178BRGS	SABO	714436
0200-11174SS	JN-MN	40410S	020213000	EL-WH	204038	02068BRG	SABO	1217	0217985	HYST	J1121
0200-11240LPD	JN-MN	450095	02023	WEBER	340120	02068BRGP	SABO	1217	0218-11055LUP	JN-MN	470354
0200-11240LPD	JN-MN	473464 <sup>28</sup>	02024	WEBER	350909	020708000	EL-WH	410102	0218-11515LPD	JN-MN	473471
0200-11551LUP	JN-MN	450389	02024	WEBER	471224 <sup>28</sup>	020712000	EL-WH	473239 <sup>28</sup>	0218-11696LPD	JN-MN	412943
0200-11551LUP	JN-MN	472492 <sup>28</sup>	02025	WEBER	240735	020727100	EL-MO	455079 <sup>28</sup>	0218-12364LPD	JN-MN	472020
0200-11855LDS	JN-MN	471424 <sup>28</sup>	02026	WEBER	481443 <sup>28</sup>	020727100	EL-WH	455079 <sup>28</sup>	0218-14970LPD	JN-MN	473244 <sup>28</sup>
0200-11970SS	JN-MN	40410S	02026549	BORGW	J1124	02075BRE	SABO	222030	0218-18426LUP	JN-MN	470354 <sup>29</sup>
0200-12164SS	JN-MN	487945	020293900	EL-WH	204017	02083	NAK	19X47X7	0218-19146LDS	JN-MN	416268
0200-12638LPD	JN-MN	55524	020-301-189F	VW	474288	0208348	HYST	450400	0218-4976LPD	JN-MN	472234
020-01270	NOVO	415449 <sup>28</sup>	020-301-189G	AUDI	710651	0208814	HYST	415090	0218-5632LPD	JN-MN	413472
020-01270	NOVO	455147	020-301-189G	VW	474288	0209090	HYST	470351	0218-8873LPD	JN-MN	473245 <sup>28</sup>
02001350	AM MA	418028	020-301-189G	VW	710651	020PKG	TIMKE	020PKG	0218-9398LUP	JN-MN	473243
02001350	AM MA	455137 <sup>28</sup>	020-301-189H	AUDI	710651	020R	TIMKE	020PKG	0219971847	MERCE	710289
0200-13571LPD	JN-MN	471424 <sup>28</sup>	020-301-189H	VW	710651	0210108	HYST	471689 <sup>28</sup>	021 997 49 47	MERCE	710462
0200-13587LPD	JN-MN	471870 <sup>28</sup>	020-301-189L	AUDI	710529	02105CS	CASE	417262 <sup>28</sup>	021 997 55 47	MERCE	710462
0200-13587LPD	JN-MN	471883	020-301-189M	AUDI	710651	02105CS	CASE	455448	0219977647	MERCE	710289
0200-14154LPD	JN-MN	472924 <sup>28</sup>	020-301-189M	VW	710651	021-103-051	AUDI	716102	021PKG	TIMKE	021PKG
0200-15558LUP	JN-MN	450446	020-301-189N	AUDI	710651	021-103-051	VW	716102	021R	TIMKE	021PKG
0200-15729LDS	JN-MN	472397 <sup>28</sup>	020-301-189N	VW	710651	021-103-051A	AUDI	716102	0221-10-502A	MAZDA	1994
0200-17688LDS	JN-MN	471424 <sup>28</sup>	020-301-189R	AUDI	710651	021-103-051A	BENTL	716102	0221-10-602	MAZDA	710313
0200-2470LPD	JN-MN	412027	020-301-189R	VW	710651	021-103-051A	ROLLS	716102	0221-10-602A	MAZDA	710313
02003	BRAD	450183	020-301-189S	AUDI	710651	021-103-051A	VW	716102	0221-10-602B	MAZDA	710313
02003	BRAD	472179	020-301-189S	VW	710651	021-103-051C	AUDI	716102	022.160	ELRNG	223012
02004	BRAD	472179	020-301-189T	AUDI	710651	021-103-051C	VW	716102	022.170	ELRNG	223420
0200446	HYST	410825	020-301-189T	VW	710651	021-105-245B	AUDI	227530	0223124SE48HM	AM BO	471255 <sup>28</sup>
0200490	HYST	415854	02031	WEBER	471567 <sup>28</sup>	021-105-245B	VW	227530	0225-10301LUP	JN-MN	411253 <sup>28</sup>
02005	BRAD	471801 <sup>28</sup>	020-311-113	AUDI	222240	021-105-245C	PORSC	227530	0225-10301LUP	JN-MN	450099
0200-5144LUP	JN-MN	412028	020-311-113	VW	222240	021105245C	VW	227530	0225-10418LUP	JN-MN	450316
0200-5892LPD	JN-MN	410102	020-311-113A	AUDI	222240	021-105-47-B	VW	224250	0225-10418LUP	JN-MN	472636 <sup>28</sup>
02006BAG	SABO	223035	020-311-113A	VW	222240	0212-10253LUP	JN-MN	473243	0225-10432LUP	JN-MN	410520
02007	WEBER	240009	020-311-113B	AUDI	222240	0212-10259LUP	JN-MN	450365	0225-10432LUP	JN-MN	471272 <sup>28</sup>
0200-7361LPD	JN-MN	473463	020-311-113B	VW	222240	0212-10259LUP	JN-MN	470898	0225-10513LUP	JN-MN	410737 <sup>28</sup>
02007D	BRAD	240009	02031909	BORGW	415938	0212-10756LUP	JN-MN	450115	0225-10513LUP	JN-MN	450737
0200-8858LPD	JN-MN	410102	02032	MAGAM	471224	0212-10756LUP	JN-MN	473467	0225-10623SS	JN-MN	40316S
0200-9020LPD	JN-MN	473242	02034	MAGAM	240151	0212-10911LPD	JN-MN	413470 <sup>28</sup>	0225-10959LPD	JN-MN	415254
0200-9043LUP	JN-MN	450301	0203-5221LA	JN-MN	450307	0212-11522LPD	JN-MN	410308 <sup>28</sup>	0225-10982LPD	JN-MN	411253 <sup>28</sup>
0200-9043LUP	JN-MN	472397 <sup>28</sup>	02039CS	CASE	450519	0212-11522LPD	JN-MN	450308	0225-10982LPD	JN-MN	450099
0200-9120LUP	JN-MN	472492 <sup>28</sup>	02039CS	CASE	471271 <sup>28</sup>	0212-11981LPD	JN-MN	416267 <sup>28</sup>	0225-12842LDS	JN-MN	471272 <sup>28</sup>
0200-9652LUP	JN-MN	470530 <sup>28</sup>	020-498-085	VW	474288	0212-14002LDS	JN-MN	6879H	0225-13316LDS	JN-MN	472636 <sup>28</sup>
0200-9653LPD	JN-MN	450083	020-498-085F	VW	1209	0212-14619LDS	JN-MN	472016 <sup>28</sup>	0225-15889LUP	JN-MN	411376 <sup>28</sup>
0200-9653LPD	JN-MN	472924 <sup>28</sup>	020-498-189E	AUDI	710651	0212-16452LUP	JN-MN	472016 <sup>28</sup>	0225-16268SS	JN-MN	411253 <sup>28</sup>
0200-9736LPD	JN-MN	471424 <sup>28</sup>	020-498-189E	VW	710651	0212-17178LDS	JN-MN	472409 <sup>28</sup>	0225-17113LUP	JN-MN	472636 <sup>28</sup>
02009858LUP	JN-MN	471424 <sup>28</sup>	020-498-189G	AUDI	710651	0212-17952LUP	JN-MN	415349	0225-18412LDS	JN-MN	415259 <sup>28</sup>
02010	WEBER	472258 <sup>28</sup>	020-498-189G	VW	710651	0212-4587LUP	JN-MN	450639	0225-6013SS	JN-MN	473473
02011	WEBER	351487	02051VM	TRSCM	343104	0212-6081SS	JN-MN	410308 <sup>28</sup>	0225-6296LA	JN-MN	410737 <sup>28</sup>
020118000	EL-WH	204035	0205275	EL-WH	291099	0212-6081SS	JN-MN	473468	0225-6296LA	JN-MN	470737
02012	WEBER	450431	020543400	EL-WH	204029	0212-6113LPD	JN-MN	450365	0225-6336LUP	JN-MN	472636 <sup>28</sup>
02012	WEBER	471539 <sup>28</sup>	020543400	EL-WH	204507 <sup>28</sup>	0212-6113LPD	JN-MN	470898	0225-8493LPD	JN-MN	471138 <sup>28</sup>
02-01244-P1	MERIX	370001A	0206-10474LUP	JN-MN	450307	0212-6292SS	JN-MN	472016 <sup>28,29</sup>	0225-8494LPD	JN-MN	471138 <sup>28</sup>
02-01244-P1	MERIX	380001A	0206-10701LPD	JN-MN	416738 <sup>28</sup>	0212-6941LA	JN-MN	455080	0225-8495LPD	JN-MN	415254
02-01244-P1	ROCKW	370001A	0206-10701LPD	JN-MN	450096	0212-8462LPD	JN-MN	410312N	0225-8991LUP	JN-MN	411376 <sup>28</sup>
02-01244-P1	ROCKW	380001A	0206-10860LUP	JN-MN	472012	0213066	HYST	343186	0225-8991LUP	JN-MN	455093

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0225-9218LPD	JN-MN	473473	0237-9409LUP	JN-MN	450350	0250-9751LUP	JN-MN	450519	0262-10910LPD	JN-MN	455368
0225-9686LPD	JN-MN	412920 <sup>28</sup>	0237-9546LUP	JN-MN	470565 <sup>28</sup>	0250-9751LUP	JN-MN	471271 <sup>28</sup>	0262-11017LUP	JN-MN	415483
0225-9686LPD	JN-MN	450132	023.940	ELRNG	710600	0250-9790LUP	JN-MN	471271 <sup>28</sup>	0262-11833LPD	JN-MN	417079
0225-9715LUP	JN-MN	415259 <sup>28</sup>	023 997 31 47	MERCE	710764	0250-9863LPD	JN-MN	416273 <sup>28</sup>	0262-13858LDS	JN-MN	415483
02264BRG	SABO	710232	0239975347	MERCE	710714	025-105-249	VW	224840	0262-14831LDS	JN-MN	415007
02264BRGF	SABO	710232	023 997 54 47	MERCE	224250	025-105-249A	VW	224840	0262-16636LUP	JN-MN	415483
022818810LUP	JN-MN	225875 <sup>29</sup>	0239976247	MERCE	710714	02511BRAG	SABO	712511	0262-18914LUP	JN-MN	412871 <sup>28</sup>
02283BRGEF	SABO	716102	0239978447	MERCE	710289	02511BRAGF	SABO	712511	0262-18914LUP	JN-MN	450329
02284BD	CASE	470548	023 997 87 47	MERCE	224250	02516BRGE	SABO	710211	0262-4220LPD	JN-MN	415458 <sup>28</sup>
02284BD	CASE	470625 <sup>28</sup>	023PKG	TIMKE	023PKG	02524BRAGF	SABO	228008	0262-4840LA	JN-MN	417082
02288	SABO	3543	023R	TIMKE	023PKG	02525BRAGF	SABO	710399	0262-5745LUP	JN-MN	417343 <sup>28</sup>
022.918	ELRNG	716484	02400300	CHRY	7300S	0255-14610LPD	JN-MN	65X90X10 <sup>28</sup>	0262-6235LPD	JN-MN	417343 <sup>28</sup>
022-997-7247	MERCE	221207	0240912	HYST	415138 <sup>28</sup>	0255-17760LUP	JN-MN	65X85X10	0262-6883LA	JN-MN	413248
022 997 7547	MERCE	710484	0240913	HYST	417362 <sup>28</sup>	0255-18376LUP	JN-MN	65X100X10	0262-7110LUP	JN-MN	415458 <sup>28</sup>
0229979747	MERCE	710588	02415BAG	SABO	8974S	0255-40039LDS	JN-MN	65X100X10 <sup>29</sup>	0262-7110LUP	JN-MN	455003
022PKG	TIMKE	022PKG	0243-11143LUP	JN-MN	411245 <sup>28</sup>	02561	CHECK	8160S	0262-8468LUP	JN-MN	410708 <sup>29</sup>
022R	TIMKE	022PKG	0243-11143LUP	JN-MN	455096	0256-13768LUP	JN-MN	417481	0262-8505LPD	JN-MN	415007
0231-15065LUP	JN-MN	442874	0243-11660LPD	JN-MN	412040	0256-6869LUP	JN-MN	415988	02629056LUP	JN-MN	451857
0231-16535LUP	JN-MN	472150	0243-6432LUP	JN-MN	417073	0256-9188LPD	JN-MN	415302	0262-9452LPD	JN-MN	412871 <sup>28</sup>
0231-17817LUP	JN-MN	472150	0243-9171LUP	JN-MN	471887 <sup>29</sup>	02572500	EL-WH	291099	0262-9452LPD	JN-MN	450329
02317BRAGF	SABO	710824	0243-9374LUP	JN-MN	417073	02585110V	EATON	410102	0264589	HYST	417181 <sup>28</sup>
0231-9149LUP	JN-MN	411394 <sup>28</sup>	0243-9825LUP	JN-MN	450104	0258511AM	EATON	470548	0265383	HYST	41461S
0231-9149LUP	JN-MN	450317	0244-10120LUP	JN-MN	412040	0258511AM	EATON	470625 <sup>28</sup>	02656BRA	SABO	710279
0231950	HYST	416288 <sup>28</sup>	02449619	ALLCH	473215 <sup>28</sup>	0258511AM	EATON	470625 <sup>28</sup>	02658BRG	SABO	710538
0232220	HYST	471765 <sup>28</sup>	02449BRG	SABO	712449	0258511BF	EATON	470351	02662BR	SABO	228009
0234003	HYST	471281 <sup>28</sup>	02449BRGF	SABO	712449	0258511BF	EATON	471504 <sup>28</sup>	0266728	HYST	200912 <sup>29</sup>
0234047	HYST	412119 <sup>28</sup>	02451BRG	SABO	75X90X10	0258511BR	EATON	416556 <sup>28</sup>	02671	CHECK	6988H
0234-9750LUP	JN-MN	417480 <sup>28</sup>	02469260	ALLCH	471268N	0258511BR	EATON	472157	0267538	HYST	415447
0234-9750LUP	JN-MN	455860	0248630	HYST	472015 <sup>28</sup>	0258511BR	EATON	415074	026.790	ELRNG	710849
023510	EVERS	JV933	0249-11-399	MAZDA	227020	0258511BV	EATON	415074	02685BR	SABO	60X90X8
023.530	ELRNG	224650	0249-27-018	MAZDA	32X54X10 <sup>28</sup>	0258511RR	EATON	450301	0268911	HYST	417541
0235430	HYST	417344 <sup>28</sup>	024-997-5347	MERCE	221207	0258511RR	EATON	472397 <sup>28</sup>	026PKG	TIMKE	026PKG
023.590	ELRNG	711002	024PKG	TIMKE	024PKG	0259805	HYST	J1117	026R	TIMKE	026PKG
0236.09	PEUGE	1172	024R	TIMKE	024PKG	0259971647	MERCE	710588	02-7003943	WHITE	370003A
0236-11453LPD	JN-MN	412119 <sup>28</sup>	0250-10036LPD	JN-MN	455079 <sup>28</sup>	025PKG	TIMKE	025PKG	02-7003943	WHITE	380003A
0236-11453LPD	JN-MN	450101	0250-10121LUP	JN-MN	415449 <sup>28</sup>	025R	TIMKE	025PKG	02-7021377	WHITE	370003A
023614643LPD	JN-MN	226020	0250-10121LUP	JN-MN	415449 <sup>28</sup>	02600BRAGF	SABO	710237	02-7021377	WHITE	380003A
023614643LPD	JN-MN	60X80X8 <sup>28</sup>	0250-10121LUP	JN-MN	455147	02604BRGF	SABO	3909	02-7021378	WHITE	370023A
0236.16	PEUGE	223520 <sup>28</sup>	0250-10184LUP	JN-MN	472029	0260666	HYST	416892 <sup>28</sup>	02-7021378	WHITE	380023A
023.640	ELRNG	482041N	0250-10208LUP	JN-MN	415449 <sup>28</sup>	026-103-051A	AUDI	716102	027021808	WHITE	370001A
0236836	HYST	J1126	0250-10345LPD	JN-MN	410496 <sup>28</sup>	026-103-051A	SEAT	716102	027021808	WHITE	380001A
0236939	EATON	470077	0250-10619SS	JN-MN	415449 <sup>28</sup>	026103051A	VW	716102	02-7022919	WHITE	370001A
0236939	EATON	474281 <sup>28</sup>	0250-10797LUP	JN-MN	470605 <sup>28</sup>	026-103-051B	AUDI	716102	02-7022919	WHITE	380001A
02370BRAGE	SABO	710616	0250-11167LPD	JN-MN	415001 <sup>28</sup>	026-103-051B	SEAT	716102	02702BRAG	SABO	228008
0237-11875LPD	JN-MN	413246	0250-11167LPD	JN-MN	455001	026-103-051B	VW	716102	02702BRAGF	SABO	228008
0237-11875LPD	JN-MN	413246N	0250-14620LDS	JN-MN	415449 <sup>28</sup>	026-103-085	AUDI	3476	0270501	EIMCO	473016 <sup>28</sup>
0237-13315LDS	JN-MN	416271 <sup>28</sup>	0250-15566LDS	JN-MN	471271 <sup>28</sup>	026-103-085	VW	3476	02-7073109	WHITE	370065A
0237-15457LPD	JN-MN	412861	0250-16933LUP	JN-MN	415449 <sup>28</sup>	026-103-085D	AUDI	3476	02-7073109	WHITE	376590A
0237-16536LUP	JN-MN	410825	0250-18720LUP	JN-MN	472029	026-103-085D	VW	3476	02-7073109	WHITE	380065A
02373BRG	SABO	13X26X7	02505	CHECK	240816	026-103-085E	AUDI	3476	02-7073176	WHITE	370036A
02373BRG	SABO	710762	0250-5542LPD	JN-MN	455655 <sup>28</sup>	026-103-085E	SEAT	3476	02-7073176	WHITE	370349A
0237-40042LDS	JN-MN	416271 <sup>28</sup>	0250-5598LUP	JN-MN	415001 <sup>28</sup>	026-103-085E	VW	3476	02-7073176	WHITE	380036A
0237-5931LUP	JN-MN	416071 <sup>29</sup>	0250-5744LUP	JN-MN	455079 <sup>28</sup>	026-103-085F	AUDI	3476	02-7074117	WHITE	370065A
0237-6071LA	JN-MN	412119 <sup>28</sup>	0250-6924LA	JN-MN	415001 <sup>28</sup>	026-103-085F	SEAT	3476	02-7074117	WHITE	376590A
0237-6071LA	JN-MN	450101	0250-6924LA	JN-MN	455001	026-103-085F	SKODA	3476	02-7074117	WHITE	380065A
0237-6879LA	JN-MN	473475	0250-7027LA	JN-MN	415082	026 103 085 F	VW	3476	02_7074450	WHITE	370003A
0237-9144LPD	JN-MN	413247 <sup>28</sup>	0250-8496LPD	JN-MN	410496 <sup>28</sup>	026-103-085J	AUDI	3476	02_7074450	WHITE	380003A
0237-9144LPD	JN-MN	450350	0250-8497LUP	JN-MN	455655 <sup>28</sup>	0262-10050LUP	JN-MN	415458 <sup>28</sup>	02-7074741	WHITE	370012A
0237-9319LUP	JN-MN	416271 <sup>28</sup>	0250-8865LPD	JN-MN	415001 <sup>28</sup>	0262-10050LUP	JN-MN	455003	02-7074742	WHITE	370057A
0237-9409LUP	JN-MN	413247 <sup>28</sup>	0250-8865LPD	JN-MN	455001	0262-10910LPD	JN-MN	415483 <sup>28</sup>	02-7074743	WHITE	370023A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
02-7074743	WHITE	380023A	0271	INTDE	455379	02734	INTDE	472234	0277	INTDE	455104
02-7074744	WHITE	370036A	02710	INTDE	472439	02735	INTDE	450298	02777BRAS	SABO	710788
02-7074744	WHITE	370349A	02710101	EIMCO	473243	02735	INTDE	473239	0278	INTDE	415072
02-7074744	WHITE	380036A	02710201	EIMCO	470548	02736	INTDE	415991	0279	INTDE	450070
02-7074745	WHITE	370036A	02710201	EIMCO	470625 <sup>28</sup>	02736	INTDE	455146 <sup>28</sup>	0279	INTDE	472185 <sup>28</sup>
02-7074745	WHITE	370349A	02-7104674	WHITE	370003A	02737	INTDE	417356 <sup>28</sup>	02794BRAGF	SABO	710613
02-7074745	WHITE	380036A	02-7104674	WHITE	380003A	02737	INTDE	455188	0279522	HYST	470682
02-7074750	WHITE	370007A	02-7108334	WHITE	370030A	02738	INTDE	415045 <sup>28</sup>	027PKG	TIMKE	027PKG
02-7074803	WHITE	370001A	02-7108900	WHITE	370003A	0274	INTDE	416888 <sup>28</sup>	027R	TIMKE	027PKG
02-7074803	WHITE	380001A	02-7108900	WHITE	380003A	0274	INTDE	455200	028011	BENDI	450067
02-7074815	WHITE	370037A	02-7109090	WHITE	370025A	02740501	EIMCO	415683	028011	BENDI	473228
02-7074815	WHITE	370338A	02-7109090	WHITE	380025A	02750101	EIMCO	472234	028-103-086	AUDI	3476
02-7074960	WHITE	370030A	02-7109090	WHITE	386025A	02750102	EIMCO	471750 <sup>28</sup>	028-103-086	VW	3476
02707-4962	WHITE	370003A	02-7109091	WHITE	370025A	02750200	EIMCO	415958 <sup>28</sup>	028-103-086A	AUDI	3476
02707-4962	WHITE	380003A	02-7109091	WHITE	380025A	02750200	EIMCO	455958	028-103-086A	VW	3476
02-7075003	WHITE	370012A	02-7109091	WHITE	386025A	02750301	EIMCO	470045	028-103-171	AUDI	710848
02-7075348	WHITE	370025A	02711	INTDE	411394 <sup>28</sup>	02750301	EIMCO	476838 <sup>28</sup>	028-103-171	VW	710848
02-7075348	WHITE	380025A	02711	INTDE	450317	02750302	EIMCO	471887	028-103-171B	AUDI	710848
02-7075348	WHITE	386025A	02712	INTDE	450316	02750502	EATON	471887	028-103-171B	VW	710848
02-7076252	WHITE	370065A	02712	INTDE	472636 <sup>28</sup>	0275067	HYST	470543	028-103-171D	AUDI	710848
02-7076252	WHITE	380065A	02-7128839	WHITE	370003A	0275067	HYST	474272	028-103-171D	VW	710848
02-7076255	WHITE	370037A	02-7128839	WHITE	380003A	0275-10044LPD	JN-MN	416706 <sup>28</sup>	028-103-171K	AUDI	710848
02-7076255	WHITE	370338A	02713	INTDE	450104	0275-10044LPD	JN-MN	455272	028-103-171K	VW	710848
02-7076258	WHITE	370025A	02713CK	CASE	480210 <sup>28</sup>	0275-10304LPD	JN-MN	415960	0281-11148LPD	JN-MN	417485
02-7076258	WHITE	380025A	02714	INTDE	415449 <sup>28</sup>	0275-10304LPD	JN-MN	455009	0281-11558LUP	JN-MN	455005
02-7076258	WHITE	386025A	02714	INTDE	455147	0275-10364LPD	JN-MN	416664 <sup>28</sup>	0281-18778LUP	JN-MN	475384 <sup>29</sup>
02-7076259	WHITE	370025A	02715	INTDE	415302	0275-10364LPD	JN-MN	455364	028293K	JOHND	6575S
02-7076259	WHITE	380025A	02716	INTDE	415458 <sup>28</sup>	0275-10635LDS	JN-MN	416664 <sup>28</sup>	02844BRAGF	SABO	224025
02-7076259	WHITE	386025A	02716	INTDE	455003	0275-10761LPD	JN-MN	417316 <sup>28</sup>	0285-10528LPD	JN-MN	417344 <sup>28</sup>
02-7076260	WHITE	370036A	02717	INTDE	417344 <sup>28</sup>	0275-10761LPD	JN-MN	455004	0285-10528LPD	JN-MN	455006
02-7076260	WHITE	370037A	02717	INTDE	455006	0275-11420SS	JN-MN	417484N	0287-10004LPD	JN-MN	417344 <sup>28</sup>
02-7076260	WHITE	370338A	02718	INTDE	455151	0275-11420SS	JN-MN	455322	0287-10004LPD	JN-MN	455006
02-7076260	WHITE	370349A	02719	INTDE	417487	0275-11894LPD	JN-MN	416664 <sup>28</sup>	0287-10065LUP	JN-MN	415303 <sup>28</sup>
02-7076260	WHITE	380036A	02719	INTDE	455014	0275-11894LPD	JN-MN	455364	0287-10087LPD	JN-MN	416921 <sup>28</sup>
02-7076261	WHITE	370036A	0272	INTDE	417356 <sup>28</sup>	0275-12494LPD	JN-MN	415984 <sup>28</sup>	0287-10087LPD	JN-MN	455011
02-7076261	WHITE	370037A	0272	INTDE	455188	0275-12725LPD	JN-MN	480491 <sup>29</sup>	0287-10097LUP	JN-MN	417344 <sup>28</sup>
02-7076261	WHITE	370338A	02720401	EIMCO	472319	0275-14042LPD	JN-MN	416664 <sup>28</sup>	0287-10097LUP	JN-MN	455006
02-7076261	WHITE	370349A	02720502	EIMCO	450519	0275-14694LPD	JN-MN	70X100X13	0287-10165LPD	JN-MN	415303 <sup>28</sup>
02-7076261	WHITE	380036A	02720502	EIMCO	471271 <sup>28</sup>	0275-14781LDS	JN-MN	416664 <sup>28</sup>	0287-11780LUP	JN-MN	417158 <sup>28</sup>
02-7076262	WHITE	370036A	02721	INTDE	418028	0275-16242LDS	JN-MN	417316 <sup>28</sup>	0287-11780LUP	JN-MN	455355
02-7076262	WHITE	370037A	02721	INTDE	455137 <sup>28</sup>	0275-16658SS	JN-MN	416664 <sup>28,29</sup>	0287-13553LPD	JN-MN	417344 <sup>28</sup>
02-7076262	WHITE	370338A	02722	INTDE	415711	0275-5613LPD	JN-MN	415960	0287-17731LDS	JN-MN	415303 <sup>28</sup>
02-7076262	WHITE	370349A	02723	INTDE	415187	0275-5613LPD	JN-MN	455009	0287-5956LA	JN-MN	455310
02-7076262	WHITE	380036A	027233	BL-KN	473215 <sup>28</sup>	0275-6140LA	JN-MN	417316 <sup>28</sup>	0287-6042SS	JN-MN	415303 <sup>28</sup>
02-7076264	WHITE	370065A	02724	INTDE	416137	0275-6140LA	JN-MN	455004	0287-9488LUP	JN-MN	416921 <sup>28</sup>
02-7076264	WHITE	376590A	02725	INTDE	450115	0275-6257LPD	JN-MN	417316 <sup>28</sup>	0287-9488LUP	JN-MN	455011
02-7076264	WHITE	380065A	02725	INTDE	473467	0275-6257LPD	JN-MN	455004	0287-9876LPD	JN-MN	417344 <sup>28</sup>
02-7076265	WHITE	370007A	02726	INTDE	416107 <sup>28</sup>	0275-7128LUP	JN-MN	417316 <sup>28</sup>	0287-9876LPD	JN-MN	455006
02-7076266	WHITE	370007A	02726	INTDE	455073	0275-7128LUP	JN-MN	455004	0287-9918LPD	JN-MN	417134
02-7076267	WHITE	370007A	02728	INTDE	417548	0275-8436LUP	JN-MN	476281 <sup>29</sup>	0289796	HYST	J1136
02-7076268	WHITE	370007A	02729	INTDE	416666	0275-8470LUP	JN-MN	417484N	028PKG	TIMKE	028PKG
02-7076269	WHITE	370001A	0273	INTDE	415196 <sup>28</sup>	0275-8470LUP	JN-MN	455322	028R	TIMKE	028PKG
02-7076269	WHITE	380001A	02730301	EIMCO	415035 <sup>28</sup>	0275-8857LPD	JN-MN	416282	029-105-245	PORSC	227530
02-7076270	WHITE	370001A	02730301	EIMCO	455035	0275-9732LUP	JN-MN	417316 <sup>28</sup>	029-105-245	VW	227530
02-7076270	WHITE	380001A	02730501	EIMCO	418028	0275-9732LUP	JN-MN	455004	029-105-245A	PORSC	227530
02-7076274	WHITE	370036A	02730501	EIMCO	455137 <sup>28</sup>	0276	INTDE	416865 <sup>28</sup>	029-105-245A	VW	227530
02-7076274	WHITE	370349A	02731	INTDE	417316 <sup>28</sup>	0276	INTDE	455070	029-105-245B	AUDI	227530
02-7076274	WHITE	380036A	02731	INTDE	455004	0276603	HYST	417366 <sup>28</sup>	029-105-245B	VW	227530
027089859	WHITE	415164N	02732	INTDE	417343 <sup>28</sup>	0276983	HYST	413479	02925BRAGF	SABO	716102
0271	INTDE	415379 <sup>28</sup>	02733	INTDE	473412	0277	INTDE	415645 <sup>28</sup>	0293-11308LPD	JN-MN	417159

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0293-13954LPD	JN-MN	417486	0300-11830LUP	JN-MN	415086N	031164	ALLCH	415995 <sup>28</sup>	032264	ROSS	471737
029315174LPD	JN-MN	416500 <sup>28</sup>	0300-11830LUP	JN-MN	417487 <sup>28</sup>	031164	ALLCH	455013	032341	ALLCH	415995 <sup>28</sup>
0293-4183LPD	JN-MN	35949N	0300-13414LUP	JN-MN	417349 <sup>28</sup>	0312-10142LPD	JN-MN	416297	032341	ALLCH	455013
0293-5770LUP	JN-MN	416654 <sup>28</sup>	0300-13804LPD	JN-MN	453182	0312-11685LPD	JN-MN	417171 <sup>28</sup>	032347	ALLCH	412119 <sup>28</sup>
0293-6041LA	JN-MN	416654 <sup>28</sup>	0300-15153LPD	JN-MN	417350 <sup>28</sup>	0312-13518LDS	JN-MN	416011	032347	ALLCH	450101
0293-6041LA	JN-MN	455012	0300-15910LDS	JN-MN	415836	0312-13518LDS	JN-MN	417621 <sup>28</sup>	032378	ROSS	240414
0293-6108LUP	JN-MN	416956	0300-15910LDS	JN-MN	415995 <sup>28</sup>	03125011LUP	JN-MN	416011	0324-10-231	ISUZU	224660
0293-9543LPD	JN-MN	416654 <sup>28</sup>	0300-16743LPD	JN-MN	453182 <sup>29</sup>	03125011LUP	JN-MN	417621 <sup>28</sup>	03248	CHECK	8160S
0293-9543LPD	JN-MN	455012	0300-4360LPD	JN-MN	415088	0312-6814LA	JN-MN	415021	032496000	EATON	410825
0293-9707LPD	JN-MN	455356	03004940LA	JN-MN	415995 <sup>28</sup>	0312-8509LUP	JN-MN	417172	0325-10100LUP	JN-MN	415563
0293-9815LPD	JN-MN	416654 <sup>28</sup>	03004940LA	JN-MN	455013	0312-9092LPD	JN-MN	416288 <sup>28</sup>	0325-10100LUP	JN-MN	417433 <sup>28</sup>
0293-9815LPD	JN-MN	455012	0300-5104LPD	JN-MN	415836	0313-9523LPD	JN-MN	415021	0325-10272LPD	JN-MN	455328
0295-13979SSW	JN-MN	200322	0300-5104LPD	JN-MN	415995 <sup>28</sup>	0314-14644LPD	JN-MN	228010	0325-10305LUP	JN-MN	418028
029515089LPD	JN-MN	227550	0300-5961LUP	JN-MN	417349 <sup>28</sup>	0315-16432LUP	JN-MN	228010	0325-10305LUP	JN-MN	455137 <sup>28</sup>
029515089LPD	JN-MN	75X100X12 <sup>28</sup>	0300-6073LUP	JN-MN	417487	0318-7227LUP	JN-MN	456105	0325-11121LPD	JN-MN	417353 <sup>28</sup>
029563	ALLCH	417181 <sup>28</sup>	0300-6073LUP	JN-MN	455014	0318-8838LPD	JN-MN	455336	0325-11497LPD	JN-MN	455018
0296842	HYST	415234 <sup>28</sup>	0300-6423LUP	JN-MN	415995 <sup>28</sup>	0318-9193LPD	JN-MN	417490	0325-11497LPD	JN-MN	476470
0296-9399LPD	JN-MN	415281N	0300-6423LUP	JN-MN	455013	0318-9542LPD	JN-MN	455022	0325-13075LUP	JN-MN	417352
0299-9998LPD	JN-MN	415995 <sup>28</sup>	0300-8506LPD	JN-MN	417488 <sup>28</sup>	031PKG	TIMKE	031PKG	0325-13075LUP	JN-MN	418028
0299-9998LPD	JN-MN	455013	0300-9004LPD	JN-MN	455019 <sup>28</sup>	031R	TIMKE	031PKG	0325-13241LDS	JN-MN	476470
029HH100	DANA	710960	0300-9045LUP	JN-MN	415995 <sup>28</sup>	032040	ROSS	471137	0325-14271LPD	JN-MN	417352
029HH100	SPICE	710960	0300-9045LUP	JN-MN	455013	032046	ROSS	450593 <sup>28</sup>	0325-14271LPD	JN-MN	418028
029PKG	TIMKE	029PKG	0300-9182LUP	JN-MN	415995 <sup>28</sup>	032048	ROSS	340120	0325-16539LUP	JN-MN	455566
029R	TIMKE	029PKG	0300-9182LUP	JN-MN	455013	032049	ROSS	471750 <sup>28</sup>	0325-16540LUP	JN-MN	456305
02A-301-189	AUDI	224040	0300-9343SS	JN-MN	453182	032052	GMC	450070	0325-17972LDS	JN-MN	417181 <sup>28</sup>
02A-301-189	VW	224040	0300-9368LPD	JN-MN	417351 <sup>28</sup>	032052	GMC	472185 <sup>28</sup>	0325-18099LUP	JN-MN	415563
02A-301-227	AUDI	711029	0300-9368LPD	JN-MN	455154	032052	ROSS	450070	0325-18099LUP	JN-MN	417433 <sup>28</sup>
02A-301-227	VW	711029	030-103-085A	AUDI	3476	032052	ROSS	472185 <sup>28</sup>	0325-5027LUP	JN-MN	415563
02A-301-227A	AUDI	711029	030-103-085A	SEAT	3476	032054	ROSS	470045	0325-5027LUP	JN-MN	417433 <sup>28</sup>
02A-301-227A	VW	711029	030-103-085A	SKODA	3476	032054	ROSS	476838 <sup>28</sup>	0325-6145LA	JN-MN	417181 <sup>28</sup>
02A-301-227C	AUDI	711029	030-103-085A	VW	3476	032062	ROSS	450095	0325-7190LUP	JN-MN	476470
02A-301-227C	VW	711029	03-01340	KEN	5M466	032062	ROSS	473464 <sup>28</sup>	0325-8483LPD	JN-MN	417181 <sup>28</sup>
02A-301-227D	AUDI	711029	0302076	FORD	240414	032064	ROSS	471750 <sup>28</sup>	0325-8845SS	JN-MN	476470
02A-301-227D	VW	711029	03-02760	KEN	411253 <sup>28</sup>	032065	ROSS	472560N <sup>28</sup>	0325-8945LUP	JN-MN	415023
02A-301-227K	AUDI	711029	03-02760	KEN	450099	032065	ROSS	50151S	0325-9547LPD	JN-MN	476470
02A-301-227L	VW	711029	03-02840	KEN	370036A	032068	CASE	340356	03271N	CASE	474278
02A-301-227L	AUDI	711029	030326	ALLCH	473213 <sup>28</sup>	032068	ROSS	240356	03271N	CASE	480356
02A-301-227M	AUDI	711029	030327	ALLCH	473225 <sup>28</sup>	032069	ROSS	470548	0327535-1	ALLCH	204013
02A-301-227M	VW	711029	030504	ALLCH	471567 <sup>28</sup>	032069	ROSS	470625 <sup>28</sup>	032784	ALLCH	470074
02B-409-318	AUDI	224520	030586	ALLCH	474276 <sup>28</sup>	032073	ROSS	473313	032784	ALLCH	474265
02B-409-318	VW	224520	0306-10960LPD	JN-MN	455015	032074	ROSS	474276 <sup>28</sup>	032785	ALLCH	417316 <sup>28</sup>
02D-409-399	AUDI	224520	03061CH	CASE	450335	032075	ROSS	340413	032785	ALLCH	455004
02D-409-399	VW	224520	03061VM	TRSCM	311189	032076	FORD	240414	032PKG	TIMKE	032PKG
02F-311-113A	AUDI	222540	030639200	EATON	472015 <sup>28</sup>	032076	ROSS	240414	032R	TIMKE	032PKG
02F-311-113A	VW	222540	03072SC	TRSCM	340385	032077	ROSS	6597S	0330779	HYST	J1118
02J-409-189A	VW	1188	03072SM	TRSCM	240385	032078	KEN	450400	033081	ALLCH	473438
02J-409-189B	VW	1188	03082SZ	TRSCM	350156	032078	ROSS	450400	0331-10963LPD	JN-MN	417491
02K-311-113	AUDI	222240	03082TB	TRSCM	473096 <sup>28</sup>	032079	ROSS	352541	0331-11523LPD	JN-MN	415085 <sup>28</sup>
02K-311-113	VW	222240	03092SB	TRSCM	471103 <sup>28</sup>	032081	ROSS	450048	0331-11523LPD	JN-MN	456648
02M-409-189	AUDI	710651	03092SB	TRSCM	50197S	032082	ROSS	470120	0331-12253LPD	JN-MN	416292
02M-409-189	VW	710651	030PKG	TIMKE	030PKG	032082	ROSS	471224 <sup>28</sup>	0331-14237LPD	JN-MN	455024
02M-409-189B	AUDI	710651	030R	TIMKE	030PKG	032085	ROSS	471192	0331-15676LUP	JN-MN	416313
02M-409-189B	VW	710651	031061SC	TRSCM	240698	032092	ROSS	340787	033146	ALLCH	450082
02RM11604004	TROS	471255 <sup>28</sup>	031072VTBY	TRSCM	350364	032110	ROSS	470712 <sup>28</sup>	033146	ALLCH	473238
0300-10249LPD	JN-MN	417351 <sup>28</sup>	031092TCN	TRSCM	50445	032151	ROSS	340413	03321BRG	SABO	710467
0300-10249LPD	JN-MN	455154	031101529	WHITE	417316 <sup>28</sup>	032164	ROSS	6597S	033512	PETTI	472636 <sup>28</sup>
0300-11074LUP	JN-MN	415836	031101529	WHITE	455004	032165	ROSS	6703S	0337-10164LUP	JN-MN	412473 <sup>28</sup>
0300-11074LUP	JN-MN	415995 <sup>28</sup>	03115	FBG	4175	032166	ROSS	340787	0337-10164LUP	JN-MN	415894
			031163	ALLCH	455018	032167	ROSS	340400	0337-11557LUP	JN-MN	417354 <sup>28</sup>
			031163	ALLCH	476470	032176	ROSS	470712 <sup>28</sup>	0337-16541LUP	JN-MN	416294 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0337-4463LUP	JN-MN	415025 <sup>29</sup>	0356-16543LUP	JN-MN	415498	037675	ALLCH	415001 <sup>28</sup>	038.806	ELRNG	223005
0337-8841LUP	JN-MN	417191	0356-9892LUP	JN-MN	415711	037675	ALLCH	455001	038.814	ELRNG	223005
03378842LPD	JN-MN	417191	03570	CHECK	472747	037676	ALLCH	450083	03896N	CASE	471744 <sup>28</sup>
0337-9042LUP	JN-MN	417191	03571	CHECK	473228 <sup>28</sup>	037676	ALLCH	472924 <sup>28</sup>	03899AB	CASE	450070
0337-9042LUP	JN-MN	455165 <sup>28</sup>	03571	CHECK	481837	037PKG	TIMKE	037PKG	03899AB	CASE	472185 <sup>28</sup>
0337-9205LUP	JN-MN	415025	03575	CHECK	6808N	037R	TIMKE	037PKG	038PKG	TIMKE	038PKG
0338-19-223A	MAZDA	2025	035PKG	TIMKE	035PKG	038 103 085	AUDI	710618	038R	TIMKE	038PKG
033PKG	TIMKE	033PKG	035R	TIMKE	035PKG	038 103 085	VW	710618	0390106	HYST	417247 <sup>28</sup>
033R	TIMKE	033PKG	0360CU	CASE	5857	038 103 085 A	AUDI	3476	0393-11669LPD	JN-MN	455191
034-105-147A	VW	1108	0361017	LILIS	471192	038 103 085 A	VW	3476	0393-12357LDS	JN-MN	415263
034-115-137A	AUDI	1108	0362-11198LUP	JN-MN	416047	038-103-085B	AUDI	710618	0393-5910LPD	JN-MN	415034 <sup>28,29</sup>
034-115-147A	AUDI	710618	0362-11198LUP	JN-MN	416332 <sup>28</sup>	038-103-085B	VW	710618	0393-6072LUP	JN-MN	455191
034-115-147A	VW	710618	0362-12159LPD	JN-MN	415937 <sup>28</sup>	038 103 085 C	AUDI	3476	0393-8503LPD	JN-MN	415263
0343-10129LPD	JN-MN	417493	0362-12677LDS	JN-MN	415937 <sup>28</sup>	038 103 085 C	VW	3476	0393-8504LUP	JN-MN	417506
0343-10948LUP	JN-MN	417493	0362-12718LPD	JN-MN	415832	038-103-085D	AUDI	3476	0393-9402LUP	JN-MN	415034 <sup>28</sup>
0343-6040LUP	JN-MN	417493	0362-15724LUP	JN-MN	417355 <sup>28</sup>	038-103-085D	VW	3476	0393-9402LUP	JN-MN	455034
0343-9512LUP	JN-MN	455026	0362-20032LUP	JN-MN	416125 <sup>28</sup>	038 103 085 E	AUDI	710618	03965092	GMC	4739
034.520	ELRNG	223018	0362-5140SS	JN-MN	456744N	038 103 085 E	VW	710618	0397-10950LPD	JN-MN	415187
034.560	ELRNG	710767	0362-8438LPD	JN-MN	417500	038-103-085F	AUDI	3476	0398-33-065	MAZDA	1213N
034631	CATER	417165 <sup>28</sup>	0362-9587LPD	JN-MN	416125 <sup>28</sup>	038-103-085F	VW	3476	039.926	ELRNG	224015
034697	ALLCH	450316	036727F	SPERY	204013	038-103-085G	AUDI	710618	039PKG	TIMKE	039PKG
034697	ALLCH	472636 <sup>28</sup>	03674	FBG	1962	038-103-085G	VW	710618	039R	TIMKE	039PKG
034PKG	TIMKE	034PKG	0368-15929LUP	JN-MN	417501	038-103-085Q	AUDI	710618	03D-105-171B	AUDI	710618
034R	TIMKE	034PKG	0368-18532LUP	JN-MN	416670	038-103-085Q	VW	710618	03D-105-171B	VW	710618
0350-10019LPD	JN-MN	415437	0368-6808LA	JN-MN	417501	038-103-171	AUDI	710617	03G-103-295D	AUDI	710618
0350-10110LUP	JN-MN	415559	0368-8502LUP	JN-MN	55030	038-103-171	VW	710617	03G-103-295D	VW	710618
0350-10306LUP	JN-MN	417196 <sup>28</sup>	03691	FBG	1208	038-103-171B	AUDI	710617	03G-105-021C	AUDI	710618
0350-11197LUP	JN-MN	415991	036PKG	TIMKE	036PKG	038-103-171B	VW	710617	03G-105-021C	VW	710618
0350-11197LUP	JN-MN	455146 <sup>28</sup>	036R	TIMKE	036PKG	038-103-171C	AUDI	710617	03G-198-998F	AUDI	710618
0350-12565LDS	JN-MN	415991 <sup>28</sup>	0370-11-399	MAZDA	227020	038-103-171C	VW	710617	03G-198-998F	VW	710618
0350-12565LDS	JN-MN	415991N	037051VC	TRSCM	340827	038-103-171D	AUDI	710617	03L-103-085	AUDI	3476
0350-15810LUP	JN-MN	415027	03717CS	CASE	240319	038-103-171D	VW	710617	03L-103-085	VW	3476
0350-16542LUP	JN-MN	417495	0371-9729LUP	JN-MN	415379 <sup>28</sup>	038-103-171E	AUDI	710617	03L-103-085C	AUDI	3476
0350-17475LDS	JN-MN	415027	0371-9729LUP	JN-MN	455379	038-103-171E	VW	710617	03L-103-085C	VW	3476
0350-17593LDS	JN-MN	415027	0372CK	CASE	470219	038-103-171L	AUDI	710617	0400-10285LPD	JN-MN	415036
0350-17779LDS	JN-MN	415027	0372CK	CASE	471649 <sup>28</sup>	038-103-171L	VW	710617	0400-10384LPD	JN-MN	415036
0350-4941LUP	JN-MN	415991	0374151	OPEL	3543	038-103-171S	AUDI	710617	0400-11119LPD	JN-MN	417356 <sup>28</sup>
0350-4941LUP	JN-MN	455146 <sup>28</sup>	03741512	OPEL	3543	038-103-171S	VW	710617	0400-11119LPD	JN-MN	455188
0350-6301LA	JN-MN	417496	0374248	OPEL	710709	0381-12156LUP	JN-MN	417504	0400-11500LPD	JN-MN	415035
0350-6327LA	JN-MN	417196 <sup>28</sup>	0375-10057LUP	JN-MN	416339	0381-16544LUP	JN-MN	455189	0400-11500LPD	JN-MN	415953
0350-6871LUP	JN-MN	417496	0375-10057LUP	JN-MN	455031 <sup>28</sup>	03815	CHECK	240356	0400-11635LPD	JN-MN	417356 <sup>28</sup>
0350-7325LUP	JN-MN	416624 <sup>28,29</sup>	0375-10846SS	JN-MN	415379	0381-7014LA	JN-MN	455032 <sup>28</sup>	0400-11635LPD	JN-MN	455188
0350-8501LPD	JN-MN	417198	0375-10859LPD	JN-MN	416339	03820197	CHRYS	493291	0400-13292LPD	JN-MN	415187
0350-8821LPD	JN-MN	415437 <sup>28</sup>	0375-10859LPD	JN-MN	455031 <sup>28</sup>	03860095	GMC	3945	0400-14959LPD	JN-MN	415187
0350-8821LPD	JN-MN	455173	037511040LPD	JN-MN	417205 <sup>28</sup>	03866AB	CASE	415458 <sup>28</sup>	0400-15141LDS	JN-MN	415035
0350-8999LPD	JN-MN	417496	0375-12115LPD	JN-MN	415379 <sup>28</sup>	03866AB	CASE	455003	0400-15141LDS	JN-MN	415953
0350-9410LUP	JN-MN	415027 <sup>28</sup>	0375-12115LPD	JN-MN	455379	03868AB	CASE	473215 <sup>28</sup>	0400-16751LUP	JN-MN	416130 <sup>28</sup>
0350-9410LUP	JN-MN	455027	0375-13770LUP	JN-MN	415150 <sup>28</sup>	0387-11177LPD	JN-MN	456618	04002002.5	TROS	240698
0350-9422LUP	JN-MN	415991	0375-14443LDS	JN-MN	415379 <sup>28</sup>	0387-12409LPD	JN-MN	415697 <sup>28</sup>	0400-4784LPD	JN-MN	415041
0350-9422LUP	JN-MN	455146 <sup>28</sup>	0375-14443LDS	JN-MN	455379	0387-12409LPD	JN-MN	455547	0400-5489LPD	JN-MN	417357
0350-9752LUP	JN-MN	415991	0375-17199LDS	JN-MN	415379 <sup>28</sup>	0387-12654LPD	JN-MN	417210 <sup>28</sup>	0400-5489LPD	JN-MN	455192 <sup>28</sup>
0350-9752LUP	JN-MN	455146 <sup>28</sup>	0375-17199LDS	JN-MN	455379	0387-15641LPD	JN-MN	417210 <sup>28</sup>	0400-60003LDS	JN-MN	417507
03511008	SPICE	340495	0375-40001LDS	JN-MN	415379 <sup>28</sup>	0387-16269LDS	JN-MN	417210 <sup>28</sup>	0400-6146LUP	JN-MN	415035 <sup>28</sup>
035-115-147	AUDI	710618	0375-40001LDS	JN-MN	455379	0387-16545LUP	JN-MN	415958	0400-6146LUP	JN-MN	455035
035-115-147	VW	710618	0375-6294LA	JN-MN	416339	0387-16546LUP	JN-MN	417505	0400-7130LA	JN-MN	415036
0351-15-147A	AUDI	710618	0375-6294LA	JN-MN	455031 <sup>28</sup>	03873AB	CASE	417344 <sup>28</sup>	0400-7195LUP	JN-MN	415036
0351-15-147A	VW	710618	0375-6872LPD	JN-MN	415379 <sup>28</sup>	03873AB	CASE	455006	0400-7199LUP	JN-MN	415035 <sup>28</sup>
03515383	CHRYS	7300S	0375-6872LPD	JN-MN	455379	0387-6218LUP	JN-MN	416345 <sup>28</sup>	0400-7199LUP	JN-MN	455035
03515384	CHRYS	2506	0375-7146LUP	JN-MN	415379 <sup>28</sup>	0387-6218LUP	JN-MN	455033	0400-9151LPD	JN-MN	415041
0354-13160LPD	JN-MN	90X120X12	0375-7146LUP	JN-MN	455379	0387-9764LUP	JN-MN	417211 <sup>28</sup>	0400-9342SS	JN-MN	415035

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0400-9342SS	JN-MN	<b>415953</b>	0418-8808LUP	JN-MN	<b>417513</b>	043839	GEHL	<b>471192</b>	04506005AB	CHRY	<b>710241</b>
0400-9663LPD	JN-MN	<b>417509</b>	0418-9800LPD	JN-MN	<b>455194</b>	04384188	CHRY	<b>9316</b>	04506100LPD	JN-MN	<b>416153<sup>28</sup></b>
0400-9705LPD	JN-MN	<b>417223</b>	0419-16-213	MAZDA	<b>222238</b>	04384188	JEEP	<b>719316</b>	0450-6538LPD	JN-MN	<b>416154<sup>28</sup></b>
0400-9866LUP	JN-MN	<b>415035<sup>28</sup></b>	041PKG	TIMKE	<b>041PKG</b>	04399	JAC	<b>481537</b>	0450-7145LPD	JN-MN	<b>416892<sup>28</sup></b>
0400-9866LUP	JN-MN	<b>455035</b>	041R	TIMKE	<b>041PKG</b>	04399A	JAC	<b>340469</b>	0450-7191LPD	JN-MN	<b>416892<sup>28</sup></b>
040211	ALLCH	<b>470077</b>	042024	ALLCH	<b>472015<sup>28</sup></b>	043PKG	TIMKE	<b>043PKG</b>	0450-7360LPD	JN-MN	<b>415351<sup>28</sup></b>
040211	ALLCH	<b>474281<sup>28</sup></b>	04210603	CHRY	<b>341022</b>	043R	TIMKE	<b>043PKG</b>	0450-9170LUP	JN-MN	<b>416888<sup>28</sup></b>
040302	ALLCH	<b>471442<sup>28</sup></b>	04210603	JEEP	<b>341022</b>	04402402.5	TROS	<b>311189</b>	0450-9170LUP	JN-MN	<b>455200</b>
040304	ELRNG	<b>224235</b>	04240AB	CASE	<b>472287<sup>28</sup></b>	04403201.5	TROS	<b>342805</b>	0450-9425SS	JN-MN	<b>416892<sup>28</sup></b>
04032AB	CASE	<b>415035<sup>28</sup></b>	04243AB	CASE	<b>470027</b>	04403202	TROS	<b>342805</b>	0450-9664LUP	JN-MN	<b>416154<sup>28</sup></b>
04032AB	CASE	<b>455035</b>	04243AB	CASE	<b>471554<sup>28</sup></b>	04412522	CHRY	<b>3459</b>	04513	CHECK	<b>6835S</b>
04039	FBG	<b>224820</b>	04244AB	CASE	<b>471466<sup>28</sup></b>	04412522AB	CHRY	<b>3459</b>	0452-16926LPD	JN-MN	<b>115X140X12</b>
04041AB	CASE	<b>415001<sup>28</sup></b>	0425-10073LPD	JN-MN	<b>416556<sup>28</sup></b>	04412522AC	CHRY	<b>3459</b>	0453-11-399	MAZDA	<b>228020</b>
04041AB	CASE	<b>455001</b>	0425-10073LPD	JN-MN	<b>472157</b>	044208	GEHL	<b>412920<sup>28</sup></b>	04531216	CHRY	<b>7300S</b>
04045AB	CASE	<b>415003</b>	0425-10334LPD	JN-MN	<b>416891<sup>28</sup></b>	044208	GEHL	<b>450132</b>	04531216 AB	CHRY	<b>7300S</b>
04045AB	CASE	<b>415458<sup>28</sup></b>	0425-11140SS	JN-MN	<b>416556<sup>28</sup></b>	04422-02030	TOYOT	<b>5696</b>	0456-15070LPD	JN-MN	<b>417533</b>
04047	CASE	<b>8650S</b>	0425-11140SS	JN-MN	<b>472157</b>	04422-12010	TOYOT	<b>5686</b>	0456-16816LUP	JN-MN	<b>417533</b>
04048AB	CASE	<b>472185<sup>28</sup></b>	0425-13772LPD	JN-MN	<b>415058</b>	04422-12020	TOYOT	<b>5696</b>	04567047	CHRY	<b>4889</b>
04058047	CHRY	<b>2506</b>	0425-15628LDS	JN-MN	<b>416891<sup>28</sup></b>	04422-12040	TOYOT	<b>5696</b>	04567809	CHRY	<b>4889</b>
0406-15574LUP	JN-MN	<b>455037</b>	0425-16598LUP	JN-MN	<b>416135<sup>28</sup></b>	04422-12050	TOYOT	<b>5696</b>	04567811	CHRY	<b>4890</b>
04061VC	TRSCM	<b>343101</b>	04253AB1	CASE	<b>417492</b>	04422-12060	TOYOT	<b>5694</b>	045PKG	TIMKE	<b>045PKG</b>
04082SM	TRSCM	<b>240470</b>	0425-7040LUP	JN-MN	<b>455195</b>	04422-12070	TOYOT	<b>5696</b>	045R	TIMKE	<b>045PKG</b>
04082SM	TRSCM	<b>472810<sup>28</sup></b>	0425-7040LUP	JN-MN	<b>472157<sup>28</sup></b>	04422-12080	TOYOT	<b>5696</b>	0461006	LILIS	<b>204035</b>
040832	EVERS	<b>411253<sup>28</sup></b>	0425-7187LUP	JN-MN	<b>455195</b>	04422-12091	TOYOT	<b>5696</b>	04612AB	CASE	<b>450085</b>
04086649	CHRY	<b>710005</b>	0425-7187LUP	JN-MN	<b>472157<sup>28</sup></b>	04422-12100	TOYOT	<b>225673</b>	04612AB	CASE	<b>470530<sup>28</sup></b>
04092VB	TRSCM	<b>68635<sup>28</sup></b>	0425-8809LPD	JN-MN	<b>415045<sup>28</sup></b>	04422-16010	TOYOT	<b>225110</b>	04617919	CHRY	<b>710557</b>
04093SB	TRSCM	<b>68635<sup>28</sup></b>	0425-8810LUP	JN-MN	<b>416137</b>	04422-16020	TOYOT	<b>5695</b>	04617919	MITSU	<b>710557</b>
040PKG	TIMKE	<b>040PKG</b>	0425-8946LPD	JN-MN	<b>416891<sup>28</sup></b>	04422-17010	TOYOT	<b>5685</b>	0461CS	CASE	<b>450311</b>
040R	TIMKE	<b>040PKG</b>	0425-9930LUP	JN-MN	<b>415196<sup>28</sup></b>	04422-20010	TOYOT	<b>5686</b>	0462-10132LPD	JN-MN	<b>415371</b>
04104	JAC	<b>470027</b>	04269956	CHRY	<b>710058</b>	04422-20020	TOYOT	<b>5686</b>	0462-10154LUP	JN-MN	<b>456641<sup>29</sup></b>
04104	JAC	<b>471554<sup>28</sup></b>	04269956AB	CHRY	<b>710058</b>	04422-20040	TOYOT	<b>5694</b>	0462-11368LUP	JN-MN	<b>416156</b>
04105388	CHRY	<b>3655</b>	04273275	CHRY	<b>3638</b>	04422-20060	TOYOT	<b>5694</b>	0462-13173LDS	JN-MN	<b>416156</b>
04105395	CHRY	<b>3655</b>	04295904	CHRY	<b>3459</b>	04422-20080	TOYOT	<b>5694</b>	0462-16605LUP	JN-MN	<b>456641</b>
04112SL	TRSCM	<b>474277</b>	042PKG	TIMKE	<b>042PKG</b>	04422-20110	TOYOT	<b>5686</b>	04621939	CHRY	<b>710894</b>
04116366	CHRY	<b>5131</b>	042R	TIMKE	<b>042PKG</b>	04422-32010	TOYOT	<b>5700</b>	04621939AB	CHRY	<b>710894</b>
04116366AB	CHRY	<b>5131</b>	0431-16548LUP	JN-MN	<b>455197N</b>	04429353	CHRY	<b>39803</b>	0462-5193LPD	JN-MN	<b>416156<sup>29</sup></b>
0412-10382LPD	JN-MN	<b>415142</b>	0431-7192LPD	JN-MN	<b>417520</b>	04429410	CHRY	<b>39805</b>	0462-5594LUP	JN-MN	<b>415371</b>
0412-11120LPD	JN-MN	<b>415043</b>	0431-9545LPD	JN-MN	<b>417238</b>	0443-8825LUP	JN-MN	<b>417525</b>	04626515	CHRY	<b>7412S</b>
0412-11194LPD	JN-MN	<b>415142</b>	04322-30010	TOYOT	<b>223840</b>	044.590	ELRNG	<b>710803</b>	04626590	CHRY	<b>7300S</b>
0412-11739LPD	JN-MN	<b>415142</b>	04322-30020	TOYOT	<b>223840</b>	044594	HESST	<b>450361</b>	0462-6677LA	JN-MN	<b>455685</b>
0412-11790LUP	JN-MN	<b>417511</b>	04322-30030	TOYOT	<b>223840</b>	044594	HESST	<b>472193<sup>28</sup></b>	04626696	CHRY	<b>47322TV</b>
0412-14444LDS	JN-MN	<b>415142</b>	0433-16433LUP	JN-MN	<b>110X130X12</b>	044741	ALLCH	<b>471763</b>	04626696	JEEP	<b>47322TV</b>
0412-17228LUP	JN-MN	<b>455134<sup>28</sup></b>	04332-30010	TOYOT	<b>223840</b>	044800	HESST	<b>471765<sup>28</sup></b>	0462-8811LUP	JN-MN	<b>415064</b>
0412-20013LPD	JN-MN	<b>415043</b>	04332-30020	TOYOT	<b>223840</b>	044818	HESST	<b>471760</b>	0462-9361LPD	JN-MN	<b>416158</b>
0412-6582LUP	JN-MN	<b>417512</b>	0433294	STUDE	<b>240356</b>	04483456	CHRY	<b>5106</b>	04636502	CHRY	<b>710198</b>
0412-9649LPD	JN-MN	<b>415142</b>	04338339	CHRY	<b>2506</b>	044852	ALLCH	<b>415004</b>	04637776	CHRY	<b>714655</b>
041516	ALLCH	<b>471570<sup>28</sup></b>	04338553	CHRY	<b>710502</b>	044852	ALLCH	<b>417316<sup>28</sup></b>	04638904	AMC	<b>4370N</b>
04167735	CHRY	<b>3946</b>	04338893	CHRY	<b>710046</b>	044859	GEHL	<b>472015<sup>28</sup></b>	04638904	CHRY	<b>4370N</b>
04167917	CHRY	<b>482163</b>	04338893	JEEP	<b>710046</b>	04486111	CHRY	<b>710501</b>	04638904	JEEP	<b>4370N</b>
04167917	CHRY	<b>482163N</b>	043569	ALLCH	<b>470950<sup>28</sup></b>	044PKG	TIMKE	<b>044PKG</b>	04638941	CHRY	<b>2506</b>
04167929	CHRY	<b>3173</b>	043569	ALLCH	<b>6241S</b>	044R	TIMKE	<b>044PKG</b>	04641851AA	CHRY	<b>710501</b>
04167929	CHRY	<b>710928</b>	043570	ALLCH	<b>450273</b>	0450-11709LUP	JN-MN	<b>416892<sup>28</sup></b>	04641852AA	CHRY	<b>223005</b>
04167929	JEEP	<b>3173</b>	0437-10470LPD	JN-MN	<b>415047</b>	0450-11832LUP	JN-MN	<b>416153<sup>28</sup></b>	04641852AA	MOPAR	<b>223005</b>
04167929	JEEP	<b>710928</b>	0437-10482LPD	JN-MN	<b>415047</b>	0450-13172LDS	JN-MN	<b>416888<sup>28</sup></b>	04654389	CHRY	<b>710884</b>
041798	ALLCH	<b>415187</b>	0437-19127LDS	JN-MN	<b>416147</b>	0450-18396LUP	JN-MN	<b>416154<sup>28</sup></b>	04654389	JEEP	<b>710884</b>
0418-11643LPD	JN-MN	<b>417516</b>	0437-8875LUP	JN-MN	<b>415196<sup>28</sup></b>	04504168LUP	JN-MN	<b>327303<sup>28</sup></b>	04654389AB	CHRY	<b>710884</b>
0418-12122LPD	JN-MN	<b>455194</b>	0437-9418LPD	JN-MN	<b>415425</b>	0450-4519LUP	JN-MN	<b>416888<sup>28</sup></b>	04654389Ab	JEEP	<b>710884</b>
0418-16547LUP	JN-MN	<b>417515</b>	0437-9590LPD	JN-MN	<b>415060</b>	0450-4519LUP	JN-MN	<b>455200</b>	04654389AC	CHRY	<b>710884</b>
0418-18564LPD	JN-MN	<b>417513</b>	04381AB	CASE	<b>471567<sup>28</sup></b>	0450-5991LUP	JN-MN	<b>417532</b>	04654389AC	JEEP	<b>710884</b>
0418-6263LA	JN-MN	<b>415295</b>	043838	GEHL	<b>470088</b>	04506005	CHRY	<b>710241</b>	04663618	CHRY	<b>710469</b>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
04663622	CHRYS	710814	04800724AA	JEEP	710655	048731	ALLCH	471689 <sup>2B</sup>	05003408AA	CHRYS	2506
04663622AC	CHRYS	710814	04801604	TROS	350435	0487310	FORD	471820	05003419AA	CHRYS	710496
04663870AB	CHRYS	710840	04802004	TROS	350364	0487336	FORD	472439	0500-5907LPD	JN-MN	416865 <sup>2B</sup>
04663870AC	CHRYS	710840	04802404	TROS	330385 <sup>2B</sup>	0487340	FORD	470074	0500-5907LPD	JN-MN	455070
04667322	CHRYS	710056	04803202	TROS	43095S <sup>2B</sup>	0487340	FORD	474265	0500-6325LUP	JN-MN	416865 <sup>2B</sup>
04667904	CHRYS	710056	0481-11060LPD	JN-MN	456890	0487372	FORD	472144 <sup>2B</sup>	0500-6671LUP	JN-MN	417541
0467SC	CASE	240735	048115147	PORSC	710331	0487374	FORD	450084 <sup>2B</sup>	0500-8956LPD	JN-MN	417542
0468-12861LPD	JN-MN	415284	04856336	AMC	4857	0487398	FORD	412119 <sup>2B</sup>	05009	NAK	25X48X8
0468-6743LA	JN-MN	417536	04856336	CHRYS	4857	0487398	FORD	450101	0500-9044LUP	JN-MN	417541
0468-8478LPD	JN-MN	415284	04856336	JEEP	4857	0487402	FORD	416444	05009530LPD	JN-MN	415725 <sup>2B</sup>
0468-8900LPD	JN-MN	415284	0486060	FORD	450188	0487414	FORD	415001 <sup>2B</sup>	0500-9530LUP	JN-MN	415725 <sup>2B</sup>
0468SC	CASE	240735	0486080	FORD	415147	0487414	FORD	455001	0500-9629LUP	JN-MN	415725 <sup>2B</sup>
04698302	EIMCO	4354V	0486080	FORD	415449 <sup>2B</sup>	0487422	FORD	417316 <sup>2B</sup>	05-01110202	BORGW	470189
04698302	SANDV	4354V	0486325	FORD	472560N <sup>2B</sup>	0487422	FORD	455004	05-01110202	BORGW	471692 <sup>2B</sup>
047046	ALLCH	472394	0486325	FORD	50151S	0487440	FORD	412473 <sup>2B</sup>	05-0111514	BORGW	450067
047047	ALLCH	450067	04864784	CHRYS	710691	0487440	FORD	415894	05-0111514	BORGW	473228
047047	ALLCH	473228	04864784	JEEP	710691	04874477	JEEP	710068	05-0111614	BORGW	450067
04720277AA	CHRYS	710812	048689	ALLCH	450291	0487450	FORD	416047	05-0111614	BORGW	473228
047275	ALLCH	417316 <sup>2B</sup>	048689	ALLCH	471141 <sup>2B</sup>	0487450	FORD	416332 <sup>2B</sup>	05-0112121	BORGW	40494S
04736	JAC	471267 <sup>2B</sup>	048692	ALLCH	470163	0487494	FORD	415138 <sup>2B</sup>	05-0112222	BORGW	450492
04741118	CHRYS	4532N	048692	ALLCH	471766 <sup>2B</sup>	0487514	FORD	417273	05-0112828	BORGW	415458 <sup>2B</sup>
04741119	CHRYS	7300S	0487014	FORD	470120	0487-7234LPD	JN-MN	417269 <sup>2B</sup>	05-0112828	BORGW	455003
04741296	CHRYS	4529N	0487014	FORD	471224 <sup>2B</sup>	0487-8925LPD	JN-MN	417267	05-0113434	BORGW	55563
04741908	CHRYS	713103	048703	ALLCH	415449 <sup>2B</sup>	0487-9797LPD	JN-MN	417269 <sup>2B</sup>	05-0113537	BORGW	450444
04741920	CHRYS	710771	048703	ALLCH	455147	04883966AA	CHRYS	714675	05-0113537	BORGW	471835 <sup>2B</sup>
047436	ALLCH	415304	0487052	FORD	415035 <sup>2B</sup>	04883966AA	JEEP	714675	05-0113639	BORGW	472029
047436	ALLCH	476470 <sup>2B</sup>	0487052	FORD	455035	04897297AA	CHRYS	713103	05-0113740	BORGW	415379 <sup>2B</sup>
04746258	CHRYS	4333N	0487066	FORD	471103 <sup>2B</sup>	04897298AA	CHRYS	710691	05-0113740	BORGW	455379
04746772	CHRYS	5778V	0487066	FORD	50197S	04897298AA	JEEP	710691	05012115AA	CHRYS	4638N
04746772	JEEP	5778V	0487067	FORD	45187S	04-9023110	WHITE	370023A	05012290AA	CHRYS	39803
0475-11226LPD	JN-MN	417538	0487068	FORD	471442 <sup>2B</sup>	04-9023110	WHITE	380023A	05012454AA	CHRYS	5778
0475-11804LPD	JN-MN	415066	0487073	FORD	416865 <sup>2B</sup>	04-9038204	WHITE	370030A	05012454AA	CHRYS	5778V
04752960AA	CHRYS	224660	0487086	FORD	471281 <sup>2B</sup>	049-103-051C	AUDI	716102	05012454AA	JEEP	5778
04752960AA	JEEP	224660	0487088	FORD	471466 <sup>2B</sup>	049-103-051C	VW	716102	05012454AA	JEEP	5778V
0475-6085LPD	JN-MN	415066	0487095	FORD	417020	0493-12773LPD	JN-MN	417539 <sup>2B</sup>	05012454AB	CHRYS	5778
0475-6935LPD	JN-MN	417247 <sup>2B</sup>	0487108	FORD	471551 <sup>2B</sup>	04933AB	CASE	450474	05012454AB	CHRYS	5778V
0475-7107LA	JN-MN	415066	0487134	FORD	471570 <sup>2B</sup>	0493-7144LPD	JN-MN	417539 <sup>2B</sup>	05012454AB	JEEP	5778
0475-9820LPD	JN-MN	415138 <sup>2B</sup>	0487142	FORD	471651	0493-8801LPD	JN-MN	417539 <sup>2B</sup>	05012454AB	JEEP	5778V
0475-9963LPD	JN-MN	415138 <sup>2B</sup>	0487-15067LUP	JN-MN	416167 <sup>2B</sup>	0493-9159LPD	JN-MN	417273	05012813AA	CHRYS	714675
04761107	CHRYS	3459	0487-15801LDS	JN-MN	416167 <sup>2B</sup>	0493-9400LPD	JN-MN	417273	05012813AA	JEEP	714675
04762017	CHRYS	39803	0487162	FORD	470045	0493-9600LPD	JN-MN	417273	05012846AA	CHRYS	719316
04762899	CHRYS	3946	0487162	FORD	476838 <sup>2B</sup>	049453	ALLCH	417357	05012846AA	JEEP	719316
04762899	JEEP	3946	048717	ALLCH	471762 <sup>2B</sup>	049453	ALLCH	455192 <sup>2B</sup>	05012846AB	CHRYS	5778V
04773237	CHRYS	4525V	0487176	FORD	473426	049489	ALLCH	470169	05012846AB	JEEP	5778V
04773237AB	CHRYS	4525V	048718	ALLCH	472826 <sup>2B</sup>	049489	ALLCH	473214 <sup>2B</sup>	05013019AA	CHRYS	710835
04777311	CHRYS	710056	0487188	FORD	470163	049490	ALLCH	470120	05013019AB	CHRYS	710835
047852	GEHL	471818	0487188	FORD	471766 <sup>2B</sup>	049490	ALLCH	471224 <sup>2B</sup>	0501 310 504	ZF	4333N
04792317AB	CHRYS	3638	048719	ALLCH	473436	049521	ALLCH	471785 <sup>2B</sup>	0501 327 252	ZF	710671
04792318AB	CHRYS	321417N	0487196	FORD	471354 <sup>2B</sup>	049522	ALLCH	473436	05014046AA	CHRYS	710597
04798033	CHRYS	3173	048720	ALLCH	471785 <sup>2B</sup>	0495621A	CHRYS	710593	05014046AA	JEEP	710597
04798033	CHRYS	710928	048720	FORD	470027	049629	ALLCH	470120	05014852AA	CHRYS	710863
04798112	CHRYS	710046	048720	FORD	471554 <sup>2B</sup>	049629	ALLCH	471224 <sup>2B</sup>	05014852AB	CHRYS	710863
04798112	JEEP	710046	0487234	FORD	455136	04981	JAC	471652	05014852AC	CHRYS	710863
04798117	JEEP	710663	048726	ALLCH	471646 <sup>2B</sup>	04-BRS0-400-300-7CWTROS	415836N		05015198AA	CHRYS	710565
04798125	CHRYS	3946	0487296	FORD	470548	0500-044078	BORGW	7692S	05015201AA	CHRYS	710566
04798125	JEEP	3946	0487296	FORD	470625 <sup>2B</sup>	0500-10201LPD	JN-MN	416865 <sup>2B</sup>	05015705AA	CHRYS	710473
04798216	CHRYS	5106	048730	ALLCH	450067	0500-12367LPD	JN-MN	417543	05015847AA	CHRYS	710657
04798216AB	CHRYS	5106	048730	ALLCH	473228	0500-16740LDS	JN-MN	415725 <sup>2B</sup>	05015847AA	JEEP	710657
04798216AC	CHRYS	5106	0487302	FORD	470059	0500-17959LDS	JN-MN	416865 <sup>2B</sup>	05015CS	CASE	340151
04800724AA	CHRYS	710655	0487302	FORD	470380 <sup>2B</sup>	0500-18134LDS	JN-MN	416865 <sup>2B</sup>	05016760AA	CHRYS	7300S

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
05018594AA	CHRY	5174	05047372AA	CHRY	224200	05086773AB	CHRY	710564	05142724AA	CHRY	710905
05018594AA	JEEP	5174	0504-7489	GMC	417520	05086773AC	CHRY	710564	05142735AA	CHRY	710904
05018594AB	CHRY	5174	050510808	BORGW	471192	05086789AA	CHRY	710508	05143480AA	CHRY	710894
05018594AB	JEEP	5174	050.540	ELRNG	223220	05086813AA	CHRY	39803	05143481AA	CHRY	710302
05019020AA	CHRY	710627	05-0613333	BORGW	471829	05086983AA	CHRY	710563	0514.35	PEUGE	224520
05019020AA	JEEP	710627	0506-5148LPD	JN-MN	455290 <sup>29</sup>	05086AB	CASE	470120	05143658AA	CHRY	710961
05019020AB	CHRY	710627	05066053AA	CHRY	710593	05086AB	CASE	471224 <sup>28</sup>	05143659AA	CHRY	710678
05019020AB	JEEP	710627	05066066AA	CHRY	710624	05092TB	TRSCM	470119	05143660AA	CHRY	710962
05019026AA	CHRY	710660	05066446AA	CHRY	4434V	05092TB	TRSCM	471442 <sup>28</sup>	05143714AA	CHRY	710684
05019154AA	CHRY	5778	05066446AA	JEEP	4434V	05092TB	TRSCM	471442V	05143714AA	JEEP	710684
05019154AA	CHRY	5778V	05066763AA	CHRY	710812	05093BRAGF	SABO	223010	05143715AA	CHRY	710694
05019154AA	JEEP	5778	05066850AA	CHRY	223020	05099	FBG	228008	05143715AA	JEEP	710694
05019154AA	JEEP	5778V	05066850AA	JEEP	223020	05099346AA	CHRY	710813	05143733AA	CHRY	710654
05019843AA	CHRY	100715V	05066850AB	CHRY	223020	05099347AA	CHRY	710813	05143733AA	JEEP	710654
050210202	BORGW	470189	05066850AB	JEEP	223020	05099837AA	CHRY	710758	05143733AB	CHRY	710654
050210202	BORGW	471692 <sup>28</sup>	05066958AA	CHRY	223020	05099839AA	CHRY	224250	05143733AB	JEEP	710654
050210606	BORGW	471192	05066958AA	JEEP	223020	05103566AA	CHRY	710462	05143743AA	CHRY	710655
05-0211313	BORGW	470358	05069052AA	CHRY	710797	05103566AB	CHRY	710462	05143743AA	JEEP	710655
05-0211313	BORGW	473231 <sup>28</sup>	05071VB	TRSCM	340847 <sup>28</sup>	05103601AA	CHRY	710468	05143832AA	CHRY	711027
050211414	BORGW	470059	05071VB	TRSCM	8792S	05103901AA	CHRY	710467	05143845AA	CHRY	710909
050211414	BORGW	470380 <sup>28</sup>	05072265AA	CHRY	100712V	05103901AB	CHRY	710467	0514.40	PEUGE	716102
050211616	BORGW	450494	05072265AA	JEEP	100712V	0511-15033LPD	JN-MN	130X160X12	0514.50	PEUGE	228010
050211616	BORGW	472164 <sup>28</sup>	05072265AB	CHRY	100712V	0511-18529LUP	JN-MN	130X160X12	051461	ALLCH	415304
05-021166	BORGW	450494	05072265AB	JEEP	100712V	05112TB	TRSCM	470005	051461	ALLCH	476470 <sup>28</sup>
05-021166	BORGW	472164 <sup>28</sup>	05072307AA	CHRY	710662	05112TB	TRSCM	471526 <sup>28</sup>	051461	SPICE	415304
05-0211710	BORGW	450067	05072307AA	JEEP	710662	05113SA	TRSCM	471281 <sup>28</sup>	051461	SPICE	476470 <sup>28</sup>
05-0211710	BORGW	473228	05072473AA	JEEP	710461	05114027AA	CHRY	710473	0514A2	CITRO	710849
05-0211712	BORGW	450444	05072896AA	CHRY	710771	051145	ALLCH	417205 <sup>28</sup>	0514A2	PEUGE	710849
05-0211712	BORGW	471835 <sup>28</sup>	05073564AA	CHRY	710461	05115	JAC	471255 <sup>28</sup>	0514.C8	CITRO	710850
050212323	BORGW	410496 <sup>28</sup>	05073564AA	JEEP	710461	051154200	EATON	415064	0514.C8	PEUGE	710850
050213030	BORGW	416624 <sup>28</sup>	05073592AA	CHRY	710472	051206	GEHL	40652S	05152B	CASE	340413
050213131	BORGW	417551	05073592AA	JEEP	710472	0512-10017LPD	JN-MN	417546 <sup>28</sup>	05159 BRAGF	SABO	710681
05-0213739	BORGW	473237 <sup>28</sup>	05073675AA	CHRY	710289	0512-13595LDS	JN-MN	417546 <sup>28</sup>	05161543AA	CHRY	710904
050.260	ELRNG	716484	05073675AB	CHRY	710289	05122SB	TRSCM	471472 <sup>28</sup>	051-6155	BE-AR	225225
050320	WHITE	473475	05073675AB	JEEP	710289	05122SB	TRSCM	5133	051-6156	BE-AR	225225
050368100	EATON	240319	05073676AA;	CHRY	710289	05122TC	TRSCM	471472	051-6157	BE-AR	225225
05-03700	KEN	450291	05073856AA	CHRY	224250	0512-7335LPD	JN-MN	417547	05170539AA	CHRY	710645
05-03700	KEN	471141 <sup>28</sup>	05073887AA	CHRY	710812	05132SB	TRSCM	471549 <sup>28</sup>	05170540AA	CHRY	710668
05037300AA	CHRY	710698	05073887AB	CHRY	710812	05134TA	TRSCM	471551 <sup>28</sup>	05175829AA	CHRY	710814
050410506	BORGW	471192	05073887AC	CHRY	710812	05137587AA	CHRY	710067	05175829AB	CHRY	710814
05-0410509	BORGW	473227 <sup>28</sup>	05073944AA	CHRY	100727	05139857AA	CHRY	223235	05179736AA	CHRY	710904
050410533	BORGW	473517 <sup>28</sup>	05078684AA	CHRY	710628	05140028AA	CHRY	710841	051810	VICK	350364
05-0411110	BORGW	470380 <sup>28</sup>	05078784AA	CHRY	710628	05140028AA	JEEP	710841	051815	VICK	330385 <sup>28</sup>
050411313	BORGW	473231 <sup>28</sup>	05080155AA	CHRY	710683	05141	FBG	239155	051825	VICK	472810 <sup>28</sup>
05-0411616	BORGW	472164 <sup>28</sup>	05081VC	TRSCM	342613 <sup>28</sup>	0514-11	PEUGE	1953	051835	VICK	471472 <sup>28</sup>
05-0412121	BORGW	40494S	050821VAY	TRSCM	43080S	051-4165	BE-AR	1962	05183524AA	CHRY	710877
05-0412135	BORGW	412028	05082SZ	TRSCM	330699 <sup>28</sup>	051-4198	BE-AR	710588	051840	VICK	471535 <sup>28</sup>
050412828	BORGW	415458 <sup>28</sup>	05082TB	TRSCM	330699 <sup>28</sup>	0514.20	PEUGE	228010	05184285AF	CHRY	711030
050413232	BORGW	417254	05082VAY	TRSCM	340771	051-4207	BE-AR	1962	05184285AG	CHRY	711030
05-0413334	BORGW	471870 <sup>28</sup>	05082VB	TRSCM	342613 <sup>28</sup>	051-4208	BE-AR	1174	05184541AB	CHRY	710937
05-0413334	BORGW	471883	05083952AA	CHRY	223535	051-4210	BE-AR	1012N	05184541AC	CHRY	710937
050413429	BORGW	417344 <sup>28</sup>	05083953AA	CHRY	223010	051-4212	BE-AR	710758	051850	VICK	471538 <sup>28</sup>
050413937	BORGW	417354 <sup>28</sup>	05086054AA	CHRY	710771	051-4213	BE-AR	3794	051860	VICK	471267 <sup>28</sup>
050414039	BORGW	471419	05086089AA	CHRY	2027	051-4214	BE-AR	239155	0518-7336LPD	JN-MN	417548
050414039	BORGW	473367 <sup>28</sup>	05086315AA	CHRY	710652	051-4216	BE-AR	710758	05187AB	CASE	471570 <sup>28</sup>
050441	ALLCH	471267 <sup>28</sup>	05086341AA	CHRY	710902	051-4220	BE-AR	1962	05187AB-D	CASE	471570 <sup>28</sup>
050443	ALLCH	415147	05086343AA	CHRY	710653	051-4237	BE-AR	710588	0518-8826LPD	JN-MN	417548
050443	ALLCH	415449 <sup>28</sup>	05086697AA	CHRY	710558	051-4243	BE-AR	710589	05189835AA	CHRY	710598
05047167AA	CHRY	710767	05086697AB	CHRY	710558	05142723AA	CHRY	710906	05189836AA	CHRY	710923
05047167AA	JEEP	710767	05086773AA	CHRY	710564	05142723AB	CHRY	710906	05189899AA	CHRY	710598

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
05189989AA	JEEP	710598	052-3136	BE-AR	1177	052-3327	BE-AR	224210	052-3462	BE-AR	710175
05189989AA	MITSU	710598	052-3138	BE-AR	716102	052-3328	BE-AR	710097	052-3463	BE-AR	710239
05191357AA	CHRY	710732	052-3139	BE-AR	3476	052-3329	BE-AR	710331	052-3465	BE-AR	225230
05191357AA	JEEP	710732	052-3142	BE-AR	227040	052-3330	BE-AR	710332	052-3466	BE-AR	710329
05191358AA	CHRY	223010	052-3148	BE-AR	224045	052-3331	BE-AR	320595	052-3468	BE-AR	228010
05191358AA	JEEP	223010	052-3149	BE-AR	1217	052-3332	BE-AR	228015	052-3469	BE-AR	710193
05191359AA	CHRY	710733	052-3150	BE-AR	239146	052-3333	BE-AR	710215	052-3473	BE-AR	710194
05191359AA	JEEP	710733	052-3156	BE-AR	1012N	052-3335	BE-AR	5686	052-3474	BE-AR	1953
052-0056	BE-AR	1196	052-3157	BE-AR	1208	052-3336	BE-AR	225650	052-3480	BE-AR	1036
052-0072	BE-AR	227235	052-3158	BE-AR	1962	052-3342	BE-AR	710230	052-3481	BE-AR	239146
052-0114	BE-AR	1012N	052-3161	BE-AR	2002	052-3344	BE-AR	710092	052-3482	BE-AR	225673
05203590	CHRY	710056	052-3175	BE-AR	444116	052-3345	BE-AR	1948	052-3483	BE-AR	5694
05205591	CHRY	3459	052-3176	BE-AR	710312	052-3346	BE-AR	222630	052-3484	BE-AR	710642
052-0676	BE-AR	473234 <sup>28</sup>	052-3178	BE-AR	1987	052-3349	BE-AR	225225	052-3485	BE-AR	226150
052-0684	BE-AR	224820	052-3179	BE-AR	223235	052-3351	BE-AR	473677	052-3486	BE-AR	710178 <sup>29</sup>
052-0890	BE-AR	471192	052-3181	BE-AR	224820	052-3352	BE-AR	1975	052-3487	BE-AR	710266
052-0965	BE-AR	1213N	052-3184	BE-AR	710076	052-3354	BE-AR	239155	052-3490	BE-AR	1932
052-1112	BE-AR	228010	052-3185	BE-AR	223605	052-3360	BE-AR	482126	052-3492	BE-AR	710176 <sup>29</sup>
052-1161	BE-AR	472213	052-3191	BE-AR	355660H	052-3366	BE-AR	710255	052-3496	BE-AR	710357
052-1179	BE-AR	473179	052-3192	BE-AR	1172	052-3369	BE-AR	1174	052-3499	BE-AR	1935
052-1328	BE-AR	710324	052-3193	BE-AR	710190	052-3372	BE-AR	710073	052-3503	BE-AR	710834
052-1401	BE-AR	1167	052-3196	BE-AR	4990	052-3374	BE-AR	225875	052-3504	BE-AR	222745
052-1450	BE-AR	1188	052-3197	BE-AR	710323	052-3379	BE-AR	710310	052-3505	BE-AR	222745
052-1559	BE-AR	224270	052-3198	BE-AR	710311	052-3380	BE-AR	710310	052-3507	BE-AR	710633
052-1567	BE-AR	224045	052-3199	BE-AR	1019	052-3382	BE-AR	223840	052-3508	BE-AR	1146
052-1575	BE-AR	223542	052-3200	BE-AR	1038	052-3386	BE-AR	223830	052-3509	BE-AR	223050
052-1617	BE-AR	1012N	052-3201	BE-AR	710580	052-3387	BE-AR	710187	052-3510	BE-AR	223051
052173	GEHL	321516	052-3210	BE-AR	228005	052-3388	BE-AR	710308	052-3513	BE-AR	710396
052173	GEHL	471516 <sup>28</sup>	052-3215	BE-AR	229005	052-3389	BE-AR	223520 <sup>28</sup>	052-3514	BE-AR	710118
052176	ALLCH	455035N	052-3218	BE-AR	229005	052-3390	BE-AR	710334	052-3515	BE-AR	710134
052-1799	BE-AR	1984	052-3223	BE-AR	473454	052-3391	BE-AR	710329	052-3516	BE-AR	710314
052-1989	BE-AR	223830	052-3228	BE-AR	228410	052-3398	BE-AR	710072	052-3517	BE-AR	223580
052-2086	BE-AR	710649	052-3229	BE-AR	223602	052-3399	BE-AR	710093	052-3519	BE-AR	710150
052-2128	BE-AR	224052	052-3234	BE-AR	228440	052-3400	BE-AR	223550	052-3520	BE-AR	2007N
052-2136	BE-AR	224210	052-3235	BE-AR	224460	052-3401	BE-AR	222240	052-3521	BE-AR	223240
052-2144	BE-AR	710345	052-3239	BE-AR	4989	052-3407	BE-AR	710638	052-3522	BE-AR	710109
052-2169	BE-AR	1955	052-3242	BE-AR	1126	052-3408	BE-AR	710108	052-3523	BE-AR	710110
052-2193	BE-AR	228010	052-3243	BE-AR	224026	052-3411	BE-AR	223830	052-3525	BE-AR	710110
052-2201	BE-AR	1956	052-3247	BE-AR	2025	052-3412	BE-AR	710168	052-3526	BE-AR	223540
052-2227	BE-AR	225230	052-3250	BE-AR	710765	052-3421	BE-AR	224020	052-3527	BE-AR	712551
052-2250	BE-AR	223750	052-3252	BE-AR	223801 <sup>28</sup>	052-3423	BE-AR	1981	052-3529	BE-AR	223540
052-2367	BE-AR	1950	052-3258	BE-AR	227045	052-3424	BE-AR	228008	052-3531	BE-AR	224066
052-2375	BE-AR	1948	052-3263	BE-AR	224025	052-3425	BE-AR	1120	052-3532	BE-AR	710315
052-2425	BE-AR	225005	052-3265	BE-AR	710060	052-3426	BE-AR	223220	052-3533	BE-AR	710315
052-2540	BE-AR	710320	052-3269	BE-AR	225500	052-3428	BE-AR	228013	052-3534	BE-AR	223553
052-2615	BE-AR	710313	052-3274	BE-AR	4099	052-3429	BE-AR	710305	052-3536	BE-AR	710123
052-2680	BE-AR	226285	052-3281	BE-AR	5695	052-3431	BE-AR	225673	052-3537	BE-AR	710123
052-2698	BE-AR	710318	052-3288	BE-AR	223340	052-3432	BE-AR	4898	052-3545	BE-AR	224045
052-2706	BE-AR	1959	052-3289	BE-AR	223420	052-3435	BE-AR	223830	052-3550	BE-AR	1147
052-2722	BE-AR	1108	052-3290	BE-AR	716484	052-3436	BE-AR	1928	052-3552	BE-AR	710122
052-2755	BE-AR	1990	052-3292	BE-AR	223801 <sup>28</sup>	052-3437	BE-AR	1993	052-3553	BE-AR	224026
052-2789	BE-AR	1981	052-3301	BE-AR	3772	052-3438	BE-AR	225410	052-3556	BE-AR	224026
052-2805	BE-AR	223553	052-3303	BE-AR	225230	052-3440	BE-AR	224235	052-3557	BE-AR	710677
052-2813	BE-AR	1147	052-3306	BE-AR	223018	052-3445	BE-AR	710404	052-3559	BE-AR	710109
052-2854	BE-AR	1960	052-3308	BE-AR	710338	052-3447	BE-AR	1941	052-3562	BE-AR	710132
052-2888	BE-AR	229522	052-3315	BE-AR	225650	052-3448	BE-AR	710146	052-3563	BE-AR	710133
052-2920	BE-AR	225010	052-3316	BE-AR	228009	052-3456	BE-AR	710159	052-3564	BE-AR	710598
052-2946	BE-AR	224015	052-3322	BE-AR	223420	052-3458	BE-AR	225450	052-3566	BE-AR	710127
052-3001	BE-AR	1176	052-3323	BE-AR	229010	052-3459	BE-AR	473179 <sup>28</sup>	052-3567	BE-AR	3459
052-3100	BE-AR	494117	052-3324	BE-AR	223012	052-3461	BE-AR	4904	052-3570	BE-AR	710463

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
052-3571	BE-AR	710183	052-3678	BE-AR	710226	052-3787	BE-AR	473823	052-3870	BE-AR	320583
052-3572	BE-AR	710182	052-3679	BE-AR	710125	052-3788	BE-AR	473367	052-3871	BE-AR	224462
052-3580	BE-AR	223535	052-3680	BE-AR	710459	052-3789	BE-AR	710094	052-3873	BE-AR	1019
052-3583	BE-AR	710644	052-3682	BE-AR	712007	052-3790	BE-AR	1974	052-3875	BE-AR	710070
052-3586	BE-AR	710464	052-3685	BE-AR	710571	052-3791	BE-AR	225082	052-3876	BE-AR	225535
052-3587	BE-AR	710758	052-3688	BE-AR	225678	052-3792	BE-AR	494122	052-3877	BE-AR	224200
052-3589	BE-AR	224020	052-3690	BE-AR	224820	052-3793	BE-AR	473812	052-3878	BE-AR	1012N
052-3590	BE-AR	229210	052-3691	BE-AR	221820	052-3794	BE-AR	224870	052-3879	BE-AR	710234
052-3591	BE-AR	223800	052-3692	BE-AR	226510	052-3796	BE-AR	225545	052-3880	BE-AR	710192
052-3592	BE-AR	710651	052-3693	BE-AR	321416	052-3798	BE-AR	710225	052-3881	BE-AR	223800
052-3593	BE-AR	710651	052-3698	BE-AR	8430S	052-3799	BE-AR	710130	052-3882	BE-AR	710228
052-3595	BE-AR	710396	052-3699	BE-AR	710437	052-3801	BE-AR	710233	052-3883	BE-AR	494123
052-3596	BE-AR	710240	052-3700	BE-AR	710529	052-3802	BE-AR	1196	052-3884	BE-AR	225220
052-3599	BE-AR	710060	052-3702	BE-AR	4898	052-3803	BE-AR	229010	052-3885	BE-AR	710191
052-3600	BE-AR	712008	052-3704	BE-AR	710393	052-3805	BE-AR	710231	052-3886	BE-AR	226610
052-3602	BE-AR	710460	052-3708	BE-AR	710611	052-3806	BE-AR	710292	052-3889	BE-AR	710397
052-3605	BE-AR	711181	052-3712	BE-AR	710615	052-3808	BE-AR	225230	052-3891	BE-AR	224520
052-3606	BE-AR	710289	052-3713	BE-AR	710352	052-3809	BE-AR	225230	052-3894	BE-AR	1176
052-3607	BE-AR	224053	052-3714	BE-AR	712009	052-3810	BE-AR	1994	052-3895	BE-AR	710115
052-3608	BE-AR	1940	052-3715	BE-AR	710332	052-3811	BE-AR	710293	052-3896	BE-AR	473823
052-3609	BE-AR	710288	052-3717	BE-AR	710255	052-3812	BE-AR	8835S	052-3898	BE-AR	710290
052-3610	BE-AR	1019	052-3718	BE-AR	224063	052-3813	BE-AR	712938	052-3901	BE-AR	710271
052-3611	BE-AR	710767	052-3721	BE-AR	710302	052-3814	BE-AR	8660S	052-3902	BE-AR	223018
052-3612	BE-AR	229210	052-3723	BE-AR	1019	052-3815	BE-AR	710453	052-3903	BE-AR	710143
052-3614	BE-AR	710166	052-3724	BE-AR	222025	052-3816	BE-AR	226285	052-3904	BE-AR	710289
052-3615	BE-AR	710112	052-3725	BE-AR	224663	052-3817	BE-AR	224210	052-3905	BE-AR	223510
052-3616	BE-AR	223750	052-3726	BE-AR	223801	052-3818	BE-AR	710823	052-3906	BE-AR	710218
052-3617	BE-AR	228250	052-3727	BE-AR	710479	052-3819	BE-AR	221510	052-3908	BE-AR	710465
052-3618	BE-AR	710264	052-3728	BE-AR	229210	052-3821	BE-AR	4934	052-3909	BE-AR	714436
052-3619	BE-AR	224660	052-3730	BE-AR	712007	052-3823	BE-AR	710806	052-3910	BE-AR	710676
052-3619	BE-AR	710868	052-3732	BE-AR	710620	052-3824	BE-AR	710199	052-3911	BE-AR	710526
052-3620	BE-AR	224052	052-3733	BE-AR	229004	052-3825	BE-AR	320603	052-3912	BE-AR	716484
052-3622	BE-AR	710439	052-3737	BE-AR	710531	052-3826	BE-AR	223540	052-3913	BE-AR	710521
052-3624	BE-AR	3459	052-3739	BE-AR	4249	052-3827	BE-AR	710575	052-3914	BE-AR	711181
052-3625	BE-AR	710894	052-3740	BE-AR	710637	052-3828	BE-AR	350609	052-3918	BE-AR	710639
052-3626	BE-AR	350609	052-3741	BE-AR	710356	052-3829	BE-AR	710387	052-3919	BE-AR	710713
052-3629	BE-AR	223230	052-3742	BE-AR	710060	052-3830	BE-AR	712007	052392	ALLCH	417316 <sup>28</sup>
052-3630	BE-AR	224205	052-3743	BE-AR	710302	052-3831	BE-AR	223240	052-3920	BE-AR	710187
052-3632	BE-AR	710730	052-3744	BE-AR	2012V	052-3832	BE-AR	710093	052-3921	BE-AR	710574
052-3636	BE-AR	224460	052-3745	BE-AR	710259	052-3833	BE-AR	320583	052-3922	BE-AR	710465
052-3639	BE-AR	710436	052-3749	BE-AR	710595	052-3834	BE-AR	710520	052-3924	BE-AR	710189
052-3640	BE-AR	710236	052-3750	BE-AR	710596	052-3835	BE-AR	710553	052-3925	BE-AR	224650
052-3641	BE-AR	223831	052-3753	BE-AR	710114	052-3838	BE-AR	2025	052-3929	BE-AR	710525
052-3643	BE-AR	223608	052-3756	BE-AR	710141	052-3840	BE-AR	222820	052-3934	BE-AR	227235
052-3644	BE-AR	710070	052-3759	BE-AR	710110	052-3841	BE-AR	226020	052-3935	BE-AR	223801
052-3647	BE-AR	710319	052-3764	BE-AR	710456	052-3842	BE-AR	224520	052-3936	BE-AR	710614
052-3651	BE-AR	1940	052-3765	BE-AR	4899	052-3846	BE-AR	1992	052-3939	BE-AR	710608
052-3653	BE-AR	223010	052-3766	BE-AR	350609	052-3851	BE-AR	494122	052-3940	BE-AR	710767
052-3654	BE-AR	710356	052-3768	BE-AR	710516	052-3853	BE-AR	227530	052-3980	BE-AR	710056
052-3656	BE-AR	710188	052-3769	BE-AR	222830	052-3855	BE-AR	1209	052-3981	BE-AR	710767
052-3658	BE-AR	710415	052-3770	BE-AR	710860	052-3856	BE-AR	1979	052-3982	BE-AR	224200
052-3659	BE-AR	224650	052-3771	BE-AR	710450	052-3857	BE-AR	710403	052-3983	BE-AR	714436
052-3663	BE-AR	1932	052-3775	BE-AR	223543	052-3858	BE-AR	1955	052-3984	BE-AR	494122
052-3665	BE-AR	223552	052-3778	BE-AR	1987	052-3860	BE-AR	1986	052-3985	BE-AR	223010
052-3668	BE-AR	710109	052-3779	BE-AR	710093	052-3861	BE-AR	225225	052-3986	BE-AR	3771
052-3670	BE-AR	710235	052-3781	BE-AR	4175	052-3862	BE-AR	223840	052-3987	BE-AR	229005
052-3673	BE-AR	710394	052-3783	BE-AR	710567	052-3864	BE-AR	710337	052-3988	BE-AR	231003
052-3675	BE-AR	227235	052-3784	BE-AR	710363	052-3865	BE-AR	1973	052-3990	BE-AR	239146
052-3676	BE-AR	710324	052-3785	BE-AR	710894	052-3866	BE-AR	710107	052-3991	BE-AR	710618
052-3677	BE-AR	225005	052-3786	BE-AR	9912	052-3869	BE-AR	224510	052-3992	BE-AR	228411

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
052-3994	BE-AR	224200	052-4065	BE-AR	711181	053670	ALLCH	455004	05604002	TROS	340849
052-3995	BE-AR	3771	052-4066	BE-AR	710468	0537-10598LUP	JN-MN	417551	056092SB	TRSCM	472705 <sup>28</sup>
052-3998	BE-AR	710570	052-4067	BE-AR	711028	0537-12089LPD	JN-MN	415938	056-103-051A	AUDI	228480
052-3999	BE-AR	710618	052-4068	BE-AR	710588	0537-16549LUP	JN-MN	455576 <sup>28</sup>	056-103-051A	VW	228480
052-4000	BE-AR	1172	052-4069	BE-AR	710758	0537-7193LPD	JN-MN	417554 <sup>28</sup>	056-103-051D	AUDI	716102
052-4001	BE-AR	710790	052-4070	BE-AR	710589	05386	FBG	1962	056-103-051D	PORSC	716102
052-4002	BE-AR	223020	052-4072	BE-AR	711007	053926	ALLCH	240731	056103051D	VW	716102
052-4003	BE-AR	710788	052-4073	BE-AR	710761	053927	ALLCH	240733	056-103-085	PORSC	3476
052-4004	BE-AR	710669	052-4074	BE-AR	710279	054074	ALLCH	416271 <sup>28</sup>	056-103-085	VW	3476
052-4005	BE-AR	3476	052-4075	BE-AR	710127	054-115-147	AUDI	710618	056-103-085A	AUDI	3476
052-4006	BE-AR	710451	052-4076	BE-AR	710127	054-115-147	VW	710618	056-103-085A	VW	3476
052-4007	BE-AR	710790	052-4077	BE-AR	225530	054-115-147B	AUDI	710618	056103085B	AUDI	3476
052-4008	BE-AR	710554	052-4078	BE-AR	716484	054-115-147B	SEAT	710618	056-103-085B	PORSC	3476
052-4009	BE-AR	710554	052-4079	BE-AR	710786	054-115-147B	SKODA	710618	056-103-085B	VW	3476
052-4010	BE-AR	224650	052-4080	BE-AR	710848	054-115-147B	VW	710618	056-103-085E	VW	3476
052-4012	BE-AR	710886	052-4081	BE-AR	710626	05422	FBG	1012N	056112TB	TRSCM	471281 <sup>28</sup>
052-4014	BE-AR	710237	052-4082	BE-AR	710569	054270	ALLCH	412119 <sup>28</sup>	056122TB	TRSCM	471535 <sup>28</sup>
052-4015	BE-AR	2025	052-4084	BE-AR	710478	054270	ALLCH	450101	056132TB	TRSCM	471551 <sup>28</sup>
052-4016	BE-AR	710600	052-4085	BE-AR	225010	054295	ALLCH	411394 <sup>28</sup>	05620006	JA-HE	450083
052-4017	BE-AR	228008	052-4086	BE-AR	710869	054295	ALLCH	450317	05620006	JA-HE	472924 <sup>28</sup>
052-4018	BE-AR	710861	052-4087	BE-AR	223542	0543-6764LA	JN-MN	55357	05620007	JA-HE	473213 <sup>28</sup>
052-4019	BE-AR	229005	052-4088	BE-AR	225005	05439	JAC	481073	05620008	JA-HE	450519
052-4020	BE-AR	710785	052-4089	BE-AR	710572	05485	NATEN	417539 <sup>28</sup>	05620008	JA-HE	471271 <sup>28</sup>
052-4021	BE-AR	710897	052-4090	BE-AR	8835S	055000919	EATON	471466 <sup>28</sup>	05620009	JA-HE	471646 <sup>28</sup>
052-4022	BE-AR	710522	052-4091	BE-AR	4762N	0550-10302LPD	JN-MN	417361	0562-10152LUP	JN-MN	417556
052-4026	BE-AR	710352	052-4093	BE-AR	710576	0550-14438LPD	JN-MN	416191	0562-16720LDS	JN-MN	417555 <sup>28,29</sup>
052-4027	BE-AR	710707	052-4094	BE-AR	710439	0550-1684LPD	JN-MN	416107 <sup>28</sup>	0562-60015LDS	JN-MN	417556
052-4028	BE-AR	710711	052-4095	BE-AR	225450	0550-1684LPD	JN-MN	455073	0562-6533LPD	JN-MN	417555 <sup>28</sup>
052-4029	BE-AR	224052	052-4096	BE-AR	1176	0550-2662LPD	JN-MN	416107 <sup>28</sup>	056.900	ELRNG	710799
052-4030	BE-AR	224015	052-4097	BE-AR	225275	05502GHSI	SABO	710848	0572106	EATON	411253 <sup>28</sup>
052-4031	BE-AR	710354	052-4098	BE-AR	710756	0550-4825LUP	JN-MN	476842 <sup>29</sup>	0572106	EATON	450099
052-4032	BE-AR	710881	052-4099	BE-AR	710764	0550-5926LUP	JN-MN	417254 <sup>29</sup>	05727AB	CASE	471763
052-4033	BE-AR	710621	052-4100	BE-AR	710588	05506270LA	JN-MN	417254	057288	ALLCH	410316
052-4034	BE-AR	710621	052-4101	BE-AR	710711	0550-7186LUP	JN-MN	416107 <sup>28</sup>	057288	ALLCH	472636 <sup>28</sup>
052-4035	BE-AR	228411	052-4102	BE-AR	2025	0550-7186LUP	JN-MN	455073	05740017	AMGEN	3173
052-4036	BE-AR	710610	052-4103	BE-AR	2025	055-103-173B	AUDI	710848	05740017	AMGEN	710928
052-4037	BE-AR	711005	052-4104	BE-AR	710765	055-103-173B	VW	710848	05742152	AMGEN	3945
052-4038	BE-AR	710608	052-4105	BE-AR	710871	055231	ALLCH	472070	05743226	AMGEN	710258
052-4040	BE-AR	710460	052-4106	BE-AR	710765	055281	GEHL	450461	05743285	AMGEN	3945
052-4041	BE-AR	223420	052-4107	BE-AR	710573	055281	GEHL	473440	05743892	AMGEN	5512
052-4042	BE-AR	710608	052-4108	BE-AR	223230	055282	GEHL	450183	05743936	AMGEN	710891
052-4043	BE-AR	710617	052-4109	BE-AR	224020	055282	GEHL	472179	05745875	AMGEN	710892
052-4045	BE-AR	3909	052-4110	BE-AR	223801	055283	GEHL	413248	05745876	AMGEN	710601
052-4046	BE-AR	3772	05245135	CHRYSLER	471424V	055391	ALLCH	470625 <sup>28</sup>	05745995	AMGEN	710585
052-4047	BE-AR	482041N	0525-14634LPD	JN-MN	415645 <sup>28</sup>	055392	ALLCH	471567 <sup>28</sup>	0575-10303LUP	JN-MN	416666
052-4047	BE-AR	710837	05252499	CHRYSLER	4857	05569	FBG	1174	0575-12423LUP	JN-MN	416039
052-4050	BE-AR	710819	0525-7042LUP	JN-MN	417262 <sup>28</sup>	05579	FBG	239155	0575-14915LPD	JN-MN	416666
052-4051	BE-AR	3051N	0525-7042LUP	JN-MN	455448	05584	FBG	1012N	0575-15839LUP	JN-MN	415447
052-4052	BE-AR	2025	0525-7112LUP	JN-MN	415645 <sup>28</sup>	05586	FBG	225500	0575-18542LUP	JN-MN	417362 <sup>28,29</sup>
052-4053	BE-AR	713771	0525-9964LPD	JN-MN	417549 <sup>28</sup>	0559-33-065	MAZDA	227020	057541100	EATON	415725 <sup>28</sup>
052-4054	BE-AR	224200	052640	ALLCH	470163	055941	GMC	415960	057548	ALLCH	415045 <sup>28</sup>
052-4055	BE-AR	225875	052640	ALLCH	471766 <sup>28</sup>	055941	GMC	455009	05757	NAK	13X28X7 <sup>28</sup>
052-4056	BE-AR	710477	052662	ALLCH	240735	05602404	TROS	350156	0575-8822LPD	JN-MN	417362 <sup>28</sup>
052-4058	BE-AR	710589	052794	GMC	470682	05602404	TROS	473096	0575-9165LUP	JN-MN	416666
052-4059	BE-AR	710468	053219	GMC	473226	05602405	TROS	350156	0575-9548LUP	JN-MN	417362 <sup>28</sup>
052-4060	BE-AR	228009	053243	ALLCH	240736	05602405	TROS	473096	05784BRGP	SABO	223235
052-4061	BE-AR	4762N	053279	GMC	471735	05602804	TROS	472810 <sup>28</sup>	05845	FBG	1209
052-4062	BE-AR	710464	053496	ALLCH	417343 <sup>28</sup>	05603104	TROS	340771	058519	REX	416888 <sup>28</sup>
052-4063	BE-AR	710463	053517	ALLCH	417205 <sup>28</sup>	05603204	TROS	342613 <sup>28</sup>	058531	NATEN	471766 <sup>28</sup>
052-4064	BE-AR	710523	053670	ALLCH	417316 <sup>28</sup>	05603205	TROS	342613 <sup>28</sup>	058531	REX	471766 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
05861	FBG	225500	0608722	GMC	470120	06288948	ALLCH	415379	0662-8431LPD	JN-MN	417298
05861AB	CASE	470062	0608722	GMC	471224 <sup>28</sup>	06289417	ALLCH	415449 <sup>28</sup>	066309	ALLCH	455018
05861AB	CASE	474264	0609108	THIOK	415960	06290407	ALLCH	417316 <sup>28</sup>	066309	ALLCH	476470
0587-13816LPD	JN-MN	455297	06091VB	TRSCM	343105	06326086	ALLCH	471413V	06680334	ALLCH	340771
0587-9654LUP	JN-MN	416476 <sup>28</sup>	060920	ALLCH	416664 <sup>28</sup>	0634 300 040	ZF	221207	066860	ALLCH	415035
0587-9654LUP	JN-MN	455075	060920	ALLCH	455364	0634 300 355	ZF	1129	06707	NAK	125X170X15
058876	ALLCH	415379	06092TB	TRSCM	351487	0634 300 456	ZF	710642	0675-10062LUP	JN-MN	417596
05894	FBG	482126	06092TB	TRSCM	7188S	06345193	ALLCH	417269 <sup>28</sup>	0675-12078LPD	JN-MN	417596
059 103 051 G	AUDI	710279	06092VB	TRSCM	7188S	06347033	ALLCH	417344 <sup>28</sup>	0675-14821LDS	JN-MN	415327
059 103 051 G	VW	710279	060931VB	TRSCM	7399S <sup>28</sup>	06357784	ALLCH	415836	0675-16763LDS	JN-MN	417596
059-103-051H	AUDI	710761	06101PVB	TRSCM	314267N	06357784	ALLCH	415995 <sup>28</sup>	0675-18711LPD	JN-MN	417596
059-103-051H	VW	710761	06106	CHECK	7412S	0636-10-602	MAZDA	8316	067541	ALLCH	471466 <sup>28</sup>
059-103-051-J	AUDI	710279	06111SB	TRSCM	474261	0636-16-103	KIA	1990	0675-7208LUP	JN-MN	415327
059-103-051-J	VW	710279	06112SB	TRSCM	340009S	0636-16-103	MAZDA	1990	0675-9048LUP	JN-MN	415327
059-103-051K	AUDI	710761	06112TB	TRSCM	471466 <sup>28</sup>	0636838	OPEL	714436	0675-9290LPD	JN-MN	415327
059-103-051K	VW	710761	06112TB	TRSCM	471466V	0636841	OPEL	714436	0675AB	CASE	471646 <sup>28</sup>
059-103-085E	AUDI	716484	06112VTB	TRSCM	471466V	0637-17886LUP	JN-MN	417563	067913	ALLCH	471820
059-105-257A	AUDI	J1105	06113TA	TRSCM	471466	0638197	OPEL	224200	067914	ALLCH	470169
059246	ALLCH	470219	06117618	ALLCH	455035N	0638199	OPEL	224200	067914	ALLCH	473214 <sup>28</sup>
059246	ALLCH	471649 <sup>28</sup>	0612-10311LUP	JN-MN	455330 <sup>28</sup>	06383863	ALLCH	471651	068-103-051A	AUDI	716102
0593-10258LPD	JN-MN	417780	0612-10381LPD	JN-MN	455330 <sup>28</sup>	064302	ALLCH	450095	068-103-051A	VW	716102
059325	ALLCH	417316 <sup>28</sup>	06122TB	TRSCM	471264 <sup>28</sup>	064302	ALLCH	473464 <sup>28</sup>	068-103-051G	AUDI	716102
05938609	AMGEN	3946	06127	CHECK	473234 <sup>28</sup>	064305	ALLCH	470682	068-103-051G	SEAT	716102
0593-9351LPD	JN-MN	417780	0612B	GOODM	471567 <sup>28</sup>	06435606	ALLCH	471267 <sup>28</sup>	068-103-051G	SKODA	716102
0593-9401LPD	JN-MN	417780	0613-16-103	MAZDA	222430	064474	GEHL	470351	068-103-051G	VW	716102
059463900	EATON	55353	06132TB	TRSCM	471255 <sup>28</sup>	064474	GEHL	471504 <sup>28</sup>	068103051L	VW	716102
05950	SIDEW	205004	06132TB	TRSCM	471255V	064551	EATON	470737N	068-103-051P	AUDI	716102
059931VC	TRSCM	340797	06132VTB	TRSCM	471255V	0646299	OPEL	710799	068-103-051P	VW	716102
059947	ALLCH	470898	06134SSTB	TRSCM	471255	06486203	ALLCH	416345 <sup>28</sup>	068-103-053	AUDI	716102
0600-12196LUP	JN-MN	417365	061352	ALLCH	473179 <sup>28</sup>	06486203	ALLCH	455033	068-103-053	SEAT	716102
0600-16079LDS	JN-MN	415683 <sup>29</sup>	06136	NAK	300X340X20	06492664	ALLCH	415995V	068-103-053	VW	716102
0600-2499LUP	JN-MN	415683	0614819	OPEL	710237	0650-10267LUP	JN-MN	415294 <sup>28</sup>	068-103-071F	AUDI	716102
06003803	TROS	340797	0614827	OPEL	710237	0650-10267LUP	JN-MN	455294	068-103-071F	VW	716102
06004003	TROS	7399S <sup>28</sup>	0614829	OPEL	710237	0650-10715LUP	JN-MN	415294 <sup>28</sup>	068-103-085A	AUDI	3476
0600-5610LUP	JN-MN	415072	0614840	OPEL	710237	0650-12772LUP	JN-MN	415294 <sup>28</sup>	068-103-085A	SEAT	3476
0600-6719LA	JN-MN	415072	0614858	OPEL	710799	0650-16762LDS	JN-MN	416229	068-103-085A	SKODA	3476
0600-8947LUP	JN-MN	415072	06152SZ	TRSCM	471612	06504AB	CASE	410308 <sup>28</sup>	068-103-085A	VW	3476
0600-9514LUP	JN-MN	415683	061607A	HARWA	6X16X7	06504AB	CASE	450308	068 103 085 E	AUDI	3476
0600-9993LUP	JN-MN	415072	061696	ALLCH	415013	06506778	ALLCH	471529	068-103-085E	SEAT	3476
06010AB	CASE	450621	061696	ALLCH	415995 <sup>28</sup>	06507	FBG	4175	068 103 085 E	VW	3476
06017AB	CASE	473466	0618-4864LUP	JN-MN	455583N <sup>28</sup>	065089404	WHITE	471554 <sup>28</sup>	068-103-085F	VW	3476
06030027	ALLCH	476838 <sup>28</sup>	06186621	ALLCH	470954 <sup>28</sup>	065089406	WHITE	471808 <sup>28</sup>	068-103-085G	AUDI	3476
06030076	ALLCH	471795	06186621	ALLCH	480954	0650-8950LUP	JN-MN	416229	068-103-085Q	SEAT	3476
0603-16-103	MAZDA	1990	06198881	ALLCH	472179	065097801	WHITE	J1134	068-103-085Q	VW	3476
0603-26-154	MAZDA	473823	06198907	ALLCH	416891 <sup>28</sup>	065101102	WHITE	417269 <sup>28</sup>	068-103-085R	VW	3476
0603-26-157	MAZDA	1994	06199004	ALLCH	471138 <sup>28</sup>	065112SB	TRSCM	481528	068-103-171F	AUDI	710848
0603-33-065	MAZDA	1992	06207849	ALLCH	450194	065122SB	TRSCM	340469	068-103-171F	VW	710848
06034623	ALLCH	473016 <sup>28</sup>	06207849	ALLCH	473010 <sup>28</sup>	065122SB	TRSCM	481537	068-103-171G	AUDI	710848
0604-26-184	MAZDA	224255	062207A	HARWA	6X22X7 <sup>28</sup>	06512990	ALLCH	415483	068-103-171G	VW	710848
0604-27-018	MAZDA	712011	06237	CHECK	8160S	065133SB	TRSCM	481073	068-105-085E	AUDI	3476
06049738	ALLCH	416888 <sup>28</sup>	0624-38558	SUBAR	223830	065136001	WHITE	415156N	068-105-085E	VW	3476
06049738	ALLCH	455200	0624-40528	SUBAR	224015	065152TB	TRSCM	481397	068112SB	TRSCM	471529
060504AB	CASE	410308 <sup>28</sup>	062559400	EATON	412473 <sup>28</sup>	065611500	EATON	471466 <sup>28</sup>	068112TC	TRSCM	471529
060504AB	CASE	450308	062559400	EATON	415894	06581144	ALLCH	415147N	068122SB	TRSCM	471538 <sup>28</sup>
06075AB	CASE	471646 <sup>28</sup>	0625-7194LPD	JN-MN	455480 <sup>28</sup>	06589428	ALLCH	416470N	068122TZ	TRSCM	471538 <sup>28</sup>
060775	ALLCH	471267 <sup>28</sup>	0625-8804LPD	JN-MN	455480 <sup>28</sup>	0661010	LILIS	471692 <sup>28</sup>	068132SB	TRSCM	471553 <sup>28</sup>
060809VC	TRSCM	340387	0625-8949LUP	JN-MN	417562	066 109 091 A	AUDI	710857	068133TC	TRSCM	471553 <sup>28</sup>
06081SM	TRSCM	253747 <sup>28</sup>	06283576	ALLCH	415991 <sup>28</sup>	066 109 091 A	VW	710857	06814SB	TRSCM	471579
06081SM	TRSCM	340849	06283576	ALLCH	415991N	066111SB	TRSCM	481481	068-198-171	AUDI	716102
06081VM	TRSCM	340387	06284855	ALLCH	415098N	066122VB	TRSCM	8773S	068-198-171	SEAT	716102

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
068-198-171	VW	716102	06H-103-085G	VW	710887	0704-0993	GMC	416654	0704-1807	GMC	471760
068-198-171A	AUDI	716102	06H 103 171 A	AUDI	710759	0704-0993	GMC	455012	0704-1809	GMC	321516
068-198-171A	VW	716102	06H 103 171 A	VW	710759	0704-1065	GMC	450341	0704-1809	GMC	471516
068-198-171S	AUDI	716102	06H-103-171F	AUDI	710759	0704-1069	GMC	55357	0704-1815	GMC	350974
068-198-171S	VW	716102	06L-103-085	AUDI	710887	0704-1071	GMC	455434	0704-1818	GMC	43076S
068513	ALLCH	472144 <sup>28</sup>	06L-103-085	VW	710887	0704-1074	GMC	412920	0704-1821	GMC	471413
0687-14128LDS	JN-MN	455584	06L-103-085B	AUDI	710887	0704-1096	GMC	343123	0704-1831	GMC	473215
0687-19138LUP	JN-MN	455584 <sup>29</sup>	06L-103-085B	VW	710887	07041102	GMC	470004	0704-1832	GMC	473197
069-115-147	AUDI	710618	06M5026901	WHITE	J1127	07041104	GMC	471442	0704-1833	GMC	6241S
0691-15-147	VW	710618	06M5050101	WHITE	J1121	0704-1107	GMC	471549	0704-1835	GMC	471835
069-115-147C	AUDI	710618	06M5572501	WHITE	473237 <sup>28</sup>	0704-1110	GMC	471532	0704-1837	GMC	450452
069-115-147C	VW	710618	06X5422301	WHITE	J1126	07041116	GMC	471255	0704-1837	GMC	473197
069-115-147E	AUDI	710618	06X5422601	WHITE	415196 <sup>28</sup>	0704-1130	GMC	471684	0704-1842	GMC	481163
069-115-147E	VW	710618	0700-10063LPD	JN-MN	416364 <sup>28</sup>	0704-1130	GMC	471698	0704-1843	GMC	470625
069-115-147F	AUDI	1108	0700-11577LPD	JN-MN	416239 <sup>28</sup>	0704-1132	GMC	471231	0704-1844	GMC	7886S
069-115-147F	VW	1108	0700-13240LDS	JN-MN	416364 <sup>28,29</sup>	0704-1144	GMC	470219	0704-1845	GMC	473228
06946AB	CASE	473424 <sup>28</sup>	0700-17062LUP	JN-MN	417597	0704-1144	GMC	471649	0704-1845	GMC	481837
06949AB	CASE	473424 <sup>28</sup>	0700-17746LDS	JN-MN	416239 <sup>28,29</sup>	0704-1145	GMC	471689	0704-1858	GMC	450066
069641	ALLCH	330385 <sup>28</sup>	0700-6840LUP	JN-MN	417597	0704-1155	GMC	470712	0704-1858	GMC	473367
069749	GMC	473211 <sup>28</sup>	0700-6862LPD	JN-MN	416364 <sup>28</sup>	0704-1172	GMC	472258	0704-1867	GMC	472185
069897	GMC	471192	0700-9304LUP	JN-MN	416239 <sup>28</sup>	0704-1172	GMC	480570	0704-1868	GMC	450070
06A-103-085	AUDI	710618	070-103-051-A	AUDI	711007	0704-1187	GMC	240319	0704-1868	GMC	472185
06A-103-085	VW	710618	070 103 051 A	VW	711007	0704-1191	GMC	453065	0704-1876	GMC	353120
06A-103-085B	AUDI	711008	07011583	CORTE	223020	0704-1209	GMC	450078	0704-1890	GMC	6879H
06A 103 085 B	VW	711008	07011583B	CORTE	223020	0704-1209	GMC	473444	0704-1899	GMC	410694
06A-103-171A	AUDI	710617	07012-10048	KOMAT	710313	0704-1215	GMC	470351	0704-1925	GMC	455015
06A-103-171A	VW	710617	0703587	OPEL	710543	0704-1215	GMC	471504	0704-1931	GMC	476470
06A-103-171B	AUDI	710617	0704-0015	GMC	470334	0704-1220	GMC	470088	0704-1935	GMC	415991
06A-103-171B	VW	710617	0704-0015	GMC	50289	07041254	GMC	415234	0704-1935	GMC	415991N
06A-103-171C	AUDI	710617	0704-0134	GMC	50081	0704-1264	GMC	416273	0704-1986	GMC	450494
06A-103-171C	VW	710617	0704-0279	GMC	472560N	0704-1284	GMC	415995	0704-1986	GMC	472164
06A-103-171D	AUDI	710617	0704-0279	GMC	50151S	0704-1284	GMC	455013	0704-1987	GMC	352541
06A-103-171D	VW	710617	0704-0283	GMC	471652	0704-1303	GMC	415023	0704-1989	GMC	472185
06A-103-171G	AUDI	710617	0704-0291	GMC	471763	0704-1379	GMC	415645	07041AB	CASE	417316 <sup>28</sup>
06A-103-171G	VW	710617	0704-0298	GMC	473426	0704-1472	GMC	470954	07041AB	CASE	455004
06B-103-085	AUDI	710618	0704-0359	GMC	473234	0704-1697	GMC	470163	0704-2012	GMC	472258
06B-103-085	VW	710618	0704-0405	GMC	473471	0704-1697	GMC	471766	0704-2037	GMC	470354
06B-103-085A	AUDI	3476	0704-0424	GMC	415483	0704-1701	GMC	415003	0704-2085	GMC	450121
06B-103-085A	VW	3476	0704-0431	GMC	415984	0704-1701	GMC	415458	0704-2085	GMC	472409
06B-103-171-A	AUDI	710617	0704-0442	GMC	415088	0704-1702	GMC	416666	07042086	GMC	415991
06B-103-171-A	VW	710617	0704-0442	GMC	455088	0704-1703	GMC	417357	0704-2094	GMC	412871
06B-103-171B	AUDI	710759	0704-0444	GMC	417171	0704-1706	GMC	412920	0704-2094	GMC	450329
06B-103-171B	VW	710759	0704-0538	GMC	352354	0704-1706	GMC	450132	0704-2095	GMC	412119
06B-103-171D	AUDI	710759	0704-0538	GMC	472354	0704-1707	GMC	450291	0704-2095	GMC	450101
06B-103-171D	VW	710759	0704-0546	GMC	472397	0704-1707	GMC	471141	0704-2096	GMC	416267
06B-103-171E	AUDI	710759	0704-0573	GMC	470954	0704-1713	GMC	471076	0704-2097	GMC	455005
06B-103-171E	VW	710759	0704-0628	GMC	470950	0704-1714	GMC	471272	0704-2098	GMC	417181
06B-103-171J	AUDI	710759	0704-0628	GMC	6241S	0704-1715	GMC	471316	0704-2099	GMC	415437
06B-103-171J	VW	710759	0704-0640	GMC	450154	0704-1722	GMC	416273	0704-2100	GMC	455195
06C 103 085	AUDI	224200	0704-0640	GMC	473234	0704-1723	GMC	480630	0704-2100	GMC	472157
06C 103 085	BENTL	224200	0704-0699	GMC	450389	0704-1723	GMC	480991	0704-2103	GMC	415294
06C-103-085	ROLLS	224200	0704-0699	GMC	472492	0704-1737	GMC	474277	0704-2103	GMC	455294
06C 103 085	VW	224200	0704-0730	GMC	450068	0704-1749	GMC	472144	0704-2104	GMC	415867
06D 103 151 B	AUDI	710618	0704-0748	GMC	416011	0704-1773	GMC	340387	0704-2109	GMC	471281
06D-103-151B	VW	710618	0704-0748	GMC	417621	0704-1782	GMC	471538	07042110	GMC	471795
06D-103-151C	AUDI	710618	0704-0749	GMC	416288	0704-1783	GMC	471553	0704-2111	GMC	471272
06D-103-151C	VW	710618	07040808	GMC	471646	0704-1789	GMC	450030	0704-2112	GMC	471267
06E-103-051	AUDI	711007	0704-0893	GMC	471868	0704-1789	GMC	474253	0704-2117	GMC	470898
06E-103-051	VW	711007	0704-0897	GMC	415483	0704-1801	GMC	450040	0704-2118	GMC	472015
06H-103-085G	AUDI	710887	0704-0918	GMC	481650	07041806	GMC	471689	0704-2120	GMC	6703S

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-2190	GMC	473439	0704-3032	GMC	451182	0704-3607	GMC	416370	0704-4044	GMC	J1128
0704-2204	GMC	472653	0704-3034	GMC	416775	0704-3613	GMC	5877	0704-4046	GMC	J1130
0704-2256	GMC	416292	0704-3217	GMC	5976S	0704-3630	GMC	442380	0704-4047	GMC	J1131
0704-2270	GMC	470328	0704-3218	GMC	6703S	0704-3632	GMC	240151	0704-4048	GMC	J1132
0704-2270	GMC	481213	0704-3228	GMC	240356	0704-3633	GMC	340787	0704-4050	GMC	J1134
0704-2287	GMC	473441	0704-3231	GMC	410524	0704-3634	GMC	331301N	0704-4052	GMC	J1136
0704-2289	GMC	473313	0704-3232	GMC	415047	07043635	GMC	340009S	0704-4054	GMC	J1138
0704-2315	GMC	450025	0704-3234	GMC	416130	0704-3636	GMC	470064	0704-4056	GMC	J1140
0704-2315	GMC	471553	0704-3235	GMC	441319	0704-3636	GMC	471821	0704-4057	GMC	J1141
0704-2343	GMC	340850	07043236	GMC	471472	0704-3637	GMC	473466	0704-4070	GMC	455123
0704-2344	GMC	3395	0704-3237	GMC	450342	0704-3638	GMC	473461	0704-4091	GMC	417621
0704-2351	GMC	481644	0704-3241	GMC	471571	0704-3640	GMC	415001	0704-4135	GMC	415379
0704-2352	GMC	410520	0704-3242	GMC	473380	0704-3640	GMC	455001	0704-4160	GMC	470169
0704-2352	GMC	471272	0704-3244	GMC	472536	0704-3641	GMC	416154	0704-4160	GMC	473214
07042356	GMC	451583	0704-3273	GMC	415147	0704-3646	GMC	450083	0704-4171	GMC	417254
0704-2411	GMC	43080S	0704-3273	GMC	415449	0704-3646	GMC	472924	0704-4212	GMC	40433S
0704-2415	GMC	472179	0704-3277	GMC	415683	0704-3653	GMC	472826	0704-4231	GMC	417351
0704-2423	GMC	473212	0704-3280	GMC	471231	0704-3656	GMC	327303	0704-4231	GMC	455154
0704-2424	GMC	450463	0704-3304	GMC	473240	0704-3658	GMC	351466	07044232	GMC	471765
0704-2425	GMC	450335	0704-3315	GMC	415009	0704-3658	GMC	471466	0704-4317	GMC	480889
0704-2427	GMC	450090	0704-3315	GMC	415960	0704-3668	GMC	455079	0704-4324	GMC	413478
0704-2428	GMC	481073	07043320	GMC	471652	0704-3716	GMC	450067	0704-4351	GMC	417491
0704-2476	GMC	450065	0704-3323	GMC	471354	0704-3716	GMC	473228	07044352	GMC	455079
0704-2482	GMC	450776	07043324	GMC	474276	0704-3717	GMC	470712	0704-4488	GMC	473204
0704-2489	GMC	455117	0704-3327	GMC	450194	0704-3719	GMC	473237	0704-4490	GMC	417505
07042492	GMC	350974	0704-3327	GMC	473010	0704-3747	GMC	471276	0704-4511	GMC	340151
0704-2493	GMC	470590	0704-3332	GMC	450069	0704-3763	GMC	473226	0704-4544	GMC	471887
0704-2495	GMC	343104	0704-3332	GMC	473232	0704-3766	GMC	450115	0704-4549	GMC	471224
0704-2496	GMC	474278	07043335	GMC	473236	0704-3766	GMC	473467	0704-4553	GMC	416077
0704-2497	GMC	470045	0704-3344	GMC	413246	0704-3768	GMC	450415	0704-4554	GMC	455308
0704-2497	GMC	476838	0704-3344	GMC	413246N	0704-3769	GMC	472319	0704-4568	GMC	417488
0704-2498	GMC	471820	0704-3348	GMC	416706	0704-3770	GMC	472951	0704-4589	GMC	417515
0704-2860	GMC	472311	0704-3348	GMC	455272	0704-3770	GMC	474252	07044880	GMC	6863S
0704-2865	GMC	471649	0704-3351	GMC	417356	0704-3774	GMC	471915	0704-4910	GMC	450639
0704-2868	GMC	471705	0704-3351	GMC	455188	0704-3776	GMC	471692	0704-4916	GMC	471192
07042870	GMC	323138	0704-3352	GMC	416888	0704-3779	GMC	476838	0704-5279	GMC	470189
0704-2871	GMC	472354	0704-3352	GMC	455200	0704-3854	GMC	472397	0704-5279	GMC	471692
0704-2871	GMC	50395S	0704-3353	GMC	417247	0704-3869	GMC	5166	0704-5280	GMC	473446
07042873	GMC	472826	0704-3356	GMC	416107	0704-3950	GMC	472015	0704-5283	GMC	415498
0704-2889	GMC	450316	0704-3356	GMC	455073	0704-3956	GMC	472826	0704-5295	GMC	416149
0704-2889	GMC	472636	07043384	GMC	471551	0704-3960	GMC	471281	07045479	GMC	471267
0704-2893	GMC	415458	0704-3385	GMC	350909	0704-3972	GMC	417262	0704-5480	GMC	471516
0704-2893	GMC	455003	0704-3385	GMC	471224	0704-3990	GMC	J1101	0704-5481	GMC	415227
0704-2901	GMC	415836	0704-3389	GMC	340817	0704-3991	GMC	J1122	0704-5503	GMC	440265
0704-2901	GMC	415995	0704-3418	GMC	471633	0704-4020	GMC	J1103	0704-5504	GMC	416345
0704-2920	GMC	415124	0704-3470	GMC	342613	0704-4022	GMC	J1105	0704-5504	GMC	455033
0704-2923	GMC	341022	0704-3471	GMC	471652	0704-4023	GMC	J1106	0704-5505	GMC	417514
0704-2925	GMC	470027	0704-3487	GMC	5865	0704-4024	GMC	J1107	0704-5586	GMC	415196
0704-2925	GMC	471554	0704-3498	GMC	450489	0704-4026	GMC	J1109	0704-5596	GMC	472164
0704-2933	GMC	471866	0704-3498	GMC	473244	0704-4028	GMC	J1111	0704-5597	GMC	415988
0704-2953	GMC	416041	0704-3499	GMC	4739	0704-4032	GMC	J1115	0704-5598	GMC	417316
0704-2954	GMC	455566	0704-3501	GMC	450362	0704-4034	GMC	J1117	0704-5599	GMC	416339
07042962	GMC	6936S	0704-3505	GMC	455321	0704-4035	GMC	J1118	0704-5600	GMC	415035
07042962	GMC	9845	0704-3514	GMC	40370S	0704-4036	GMC	J1119	0704-5600	GMC	415953
0704-2964	GMC	410496	0704-3531	GMC	416664	0704-4038	GMC	J1121	0704-5601	GMC	415449
0704-2965	GMC	471103	0704-3531	GMC	455364	0704-4039	GMC	J1123	0704-5602	GMC	470334
0704-2967	GMC	240733	0704-3542	GMC	45031S	0704-4040	GMC	J1124	0704-5603	GMC	471785
0704-2979	GMC	474278	0704-3564	GMC	415697	0704-4041	GMC	J1125	07045707	GMC	416125
0704-3017	GMC	340827	0704-3568	GMC	473241	0704-4042	GMC	J1126	0704-5846	GMC	416229
07043020	GMC	471195	0704-3572	GMC	450260	0704-4043	GMC	J1127	0704-5859	GMC	471442

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-5961	GMC	415086N	0704-6389	GMC	450076	0704-6766	GMC	471564	0704-6819	GMC	471419
0704-5961	GMC	417487	0704-6389	GMC	470334	0704-6767	GMC	471570	0704-6819	GMC	473367
0704-6061	GMC	474252	07046390	GMC	471785	0704-6768	GMC	471647	0704-6820	GMC	471551
0704-6068	GMC	471692	0704-6437	GMC	415962	0704-6769	GMC	471730	0704-6821	GMC	471554
0704-6070	GMC	471692	0704-6440	GMC	471567	0704-6770	GMC	471744	0704-6822	GMC	471652
0704-6077	GMC	474260	0704-6459	GMC	450188	0704-6771	GMC	471763	0704-6823	GMC	471705
0704-6080	GMC	473427	0704-6505	GMC	416654	0704-6772	GMC	471869	0704-6824	GMC	471760
0704-6082	GMC	473203	0704-6516	GMC	416294	0704-6772	GMC	473459	0704-6825	GMC	471765
07046084	GMC	474255	07046522	GMC	415449	0704-6773	GMC	472439	0704-6826	GMC	471820
0704-6094	GMC	473211	07046522	GMC	455147	0704-6774	GMC	472475	0704-6827	GMC	472287
0704-6102	GMC	450444	0704-6523	GMC	456744N	0704-6775	GMC	472492	0704-6828	GMC	472319
0704-6102	GMC	471835	0704-6527	GMC	415034	0704-6776	GMC	473231	0704-6829	GMC	472658
0704-6103	GMC	323125	0704-6530	GMC	455134	0704-6777	GMC	473236	0704-6829	GMC	473197
0704-6103	GMC	450456	07046543	GMC	470506	0704-6778	GMC	473445	0704-6830	GMC	473010
0704-6109	GMC	203013	0704-6550	GMC	417365	0704-6779	GMC	476838	0704-6831	GMC	473016
0704-6113	GMC	473440	0704-6554	GMC	473407	0704-6780	GMC	417159	0704-6832	GMC	473205
0704-6116	GMC	472213	0704-6557	GMC	471539	0704-6781	GMC	417298	0704-6833	GMC	473224
0704-6119	GMC	470682	0704-6562	GMC	471729	0704-6782	GMC	417344	0704-6834	GMC	473227
0704-6123	GMC	340927	0704-6565	GMC	473414	0704-6783	GMC	417350	0704-6835	GMC	473232
0704-6127	GMC	43095S	0704-6589	GMC	471787	0704-6784	GMC	417355	0704-6836	GMC	473233
0704-6130	GMC	473233	0704-6590	GMC	415077	0704-6785	GMC	417356	0704-6837	GMC	473258
0704-6131	GMC	473445	0704-6615	GMC	415085	0704-6786	GMC	417357	0704-6838	GMC	473313
0704-6133	GMC	240119	0704-6615	GMC	456648	0704-6787	GMC	417484	0704-6839	GMC	473421
0704-6134	GMC	471526	0704-6616	GMC	412027	0704-6787	GMC	417484N	0704-6840	GMC	473446
0704-6135	GMC	450400	0704-6617	GMC	8059S	0704-6788	GMC	417491	0704-6841	GMC	473449
0704-6143	GMC	473449	07046620	GMC	417546	0704-6789	GMC	417507	0704-6842	GMC	480210
0704-6144	GMC	473451	0704-6621	GMC	471567	0704-6790	GMC	417511	0704-6843	GMC	40395
0704-6149	GMC	472041	0704-6732	GMC	5836	0704-6791	GMC	417541	0704-6843	GMC	40395S
0704-6149	GMC	473454	0704-6733	GMC	8705S	0704-6792	GMC	417546	0704-6844	GMC	350435
0704-6150	GMC	473454	0704-6734	GMC	40652S	0704-6793	GMC	417555	0704-6845	GMC	412861
0704-6157	GMC	472492	0704-6735	GMC	472810	0704-6794	GMC	417562	0704-6846	GMC	416239
0704-6160	GMC	473467	0704-6736	GMC	203029	0704-6795	GMC	417600	0704-6847	GMC	417601
0704-6163	GMC	440972	0704-6739	GMC	415302	0704-6796	GMC	417602	0704-6848	GMC	471341
0704-6164	GMC	455080	0704-6740	GMC	416047	0704-6797	GMC	417604	0704-6849	GMC	471649
0704-6167	GMC	471138	0704-6740	GMC	416332	0704-6798	GMC	417608	0704-6850	GMC	471651
0704-6171	GMC	411394	0704-6741	GMC	416345	0704-6799	GMC	450161	0704-6851	GMC	472213
0704-6183	GMC	253747	0704-6742	GMC	417196	0704-6799	GMC	471764	0704-6852	GMC	472924
0704-6184	GMC	417079	0704-6743	GMC	417269	0704-6800	GMC	414268	0704-6853	GMC	473214
0704-6188	GMC	476281	0704-6744	GMC	417349	0704-6800	GMC	450539	0704-6855	GMC	412027
0704-6262	GMC	416332	0704-6745	GMC	417351	0704-6801	GMC	450593	0704-6856	GMC	417481
0704-6263	GMC	40555	0704-6746	GMC	417490	0704-6802	GMC	470806	0704-6857	GMC	450545
0704-6263	GMC	40555S	0704-6747	GMC	417493	0704-6803	GMC	450911N	0704-6858	GMC	470898
0704-6264	GMC	471526	0704-6748	GMC	417526	0704-6804	GMC	451147H	0704-6859	GMC	3492V
0704-6268	GMC	455022	07046749	GMC	417596	0704-6805	GMC	451857	0704-6862	GMC	7751H
0704-6346	GMC	470347	0704-6750	GMC	451082	0704-6806	GMC	455134	0704-6863	GMC	7781S
0704-6346	GMC	474254	0704-6751	GMC	455019	0704-6807	GMC	455186	0704-6864	GMC	40027S
0704-6351	GMC	450352	0704-6752	GMC	455197N	0704-6808	GMC	455194	0704-6866	GMC	40140S
0704-6351	GMC	472164	0704-6753	GMC	455480	0704-6809	GMC	455356	0704-6868	GMC	40494S
0704-6380	GMC	417570	0704-6754	GMC	470380	0704-6810	GMC	455584	0704-6872	GMC	41526S
0704-6382	GMC	415116	0704-6755	GMC	470590	0704-6811	GMC	470077	0704-6875	GMC	350156
0704-6383	GMC	411253	0704-6756	GMC	474253	0704-6811	GMC	474281	0704-6875	GMC	473096
0704-6383	GMC	450099	0704-6757	GMC	471137	0704-6812	GMC	470163	0704-6877	GMC	471103
0704-6385	GMC	417316	0704-6758	GMC	471264	0704-6812	GMC	471766	0704-6877	GMC	50197S
0704-6385	GMC	455004	0704-6759	GMC	471267	0704-6813	GMC	470625	0704-6880	GMC	203025
0704-6386	GMC	416339	0704-6760	GMC	471413	0704-6814	GMC	470950	0704-6881	GMC	240319
0704-6386	GMC	455031	0704-6761	GMC	471466	0704-6814	GMC	6241S	0704-6882	GMC	240735
0704-6387	GMC	415035	0704-6762	GMC	471472	0704-6815	GMC	471138	0704-6883	GMC	252277
0704-6387	GMC	455035	0704-6763	GMC	470351	0704-6816	GMC	471224	0704-6884	GMC	345035
0704-6388	GMC	415449	0704-6764	GMC	471529	0704-6817	GMC	471271	0704-6885	GMC	410312N
0704-6388	GMC	455147	0704-6765	GMC	471553	0704-6818	GMC	471391	0704-6886	GMC	411376

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-6887	GMC	412119	0704-7148	GMC	9600S	0704-7260	GMC	473224	0704-7331	GMC	415021
0704-6888	GMC	412920	0704-7149	GMC	40157S	0704-7261	GMC	323119	0704-7332	GMC	415023
0704-6889	GMC	412943	0704-7153	GMC	40568S	0704-7262	GMC	474278	0704-7333	GMC	415025
0704-6890	GMC	413469	0704-7155	GMC	41264S	0704-7264	GMC	323133	0704-7334	GMC	415034
0704-6891	GMC	413479	0704-7158	GMC	42081S	0704-7265	GMC	323138	0704-7335	GMC	415041
0704-6892	GMC	415001	0704-7159	GMC	42311S	0704-7267	GMC	327215	0704-7336	GMC	415043
0704-6893	GMC	415027	0704-7161	GMC	42421S	0704-7267	GMC	415035	0704-7337	GMC	415045
0704-6894	GMC	415036	0704-7162	GMC	312518	0704-7269	GMC	340495	0704-7338	GMC	415052
0704-6895	GMC	415090	0704-7165	GMC	43086S	0704-7270	GMC	340771	0704-7339	GMC	415058
0704-6897	GMC	415128	0704-7167	GMC	417621	0704-7272	GMC	340835	0704-7340	GMC	415060
0704-6898	GMC	415284	0704-7168	GMC	45653S	0704-7274	GMC	340849	0704-7341	GMC	415064
0704-6899	GMC	415294	0704-7170	GMC	46997S	0704-7275	GMC	340853	0704-7342	GMC	415066
0704-6900	GMC	415349	0704-7171	GMC	47150S	0704-7276	GMC	340930	0704-7343	GMC	415072
0704-6901	GMC	415351	0704-7175	GMC	414045	0704-7277	GMC	342517	0704-7344	GMC	415074
0704-6902	GMC	415437	0704-7176	GMC	50126	07047278	GMC	312518	0704-7345	GMC	415076
0704-6903	GMC	415458	0704-7179	GMC	50266	0704-7279	GMC	342805	0704-7346	GMC	415082
0704-6904	GMC	415551	0704-7180	GMC	50327	0704-7280	GMC	343099	0704-7347	GMC	415085
0704-6905	GMC	415725	0704-7183	GMC	33038S	0704-7281	GMC	343105	0704-7348	GMC	415088
0704-6906	GMC	415836	0704-7184	GMC	352541	0704-7281	GMC	7399S	0704-7349	GMC	415138
0704-6906	GMC	415995	0704-7186	GMC	50405	0704-7283	GMC	343185	0704-7350	GMC	415142
0704-6907	GMC	412473	07047187	GMC	470409	0704-7284	GMC	343186	0704-7351	GMC	415150
0704-6907	GMC	415894	0704-7188	GMC	50445	0704-7288	GMC	350414	0704-7352	GMC	415187
0704-6908	GMC	415937	0704-7190	GMC	50468	0704-7288	GMC	472311	0704-7353	GMC	415219
0704-6909	GMC	415938	0704-7191	GMC	480491	0704-7289	GMC	471633	0704-7354	GMC	415234
0704-6910	GMC	415960	0704-7193	GMC	50528	0704-7294	GMC	471567	0704-7355	GMC	415254
0704-6911	GMC	416077	07047195	GMC	470606	0704-7295	GMC	471646	0704-7356	GMC	415259
0704-6912	GMC	416107	0704-7202	GMC	411348	0704-7299	GMC	352560	0704-7357	GMC	415263
0704-6913	GMC	416137	0704-7203	GMC	55028	0704-7299	GMC	472560N	0704-7358	GMC	415295
0704-6914	GMC	416154	0704-7204	GMC	55030	0704-7300	GMC	353132	0704-7359	GMC	415303
0704-6915	GMC	416158	0704-7205	GMC	55078S	0704-7302	GMC	353137	0704-7360	GMC	415317
0704-6916	GMC	416229	07047206	GMC	473244	0704-7302	GMC	473424	0704-7361	GMC	415327
0704-6917	GMC	416364	0704-7207	GMC	55103S	0704-7303	GMC	353141	0704-7362	GMC	415350
0704-6918	GMC	416556	0704-7208	GMC	417563	0704-7304	GMC	471765	0704-7363	GMC	415371
0704-6918	GMC	472157	0704-7213	GMC	55238	0704-7306	GMC	415991	0704-7364	GMC	415389
0704-6919	GMC	416624	0704-7220	GMC	55337	0704-7306	GMC	455146	0704-7365	GMC	415394
0704-6920	GMC	416666	0704-7222	GMC	55353	0704-7307	GMC	355669	0704-7367	GMC	415447
0704-6921	GMC	416865	07047225	GMC	415442	0704-7308	GMC	355732	0704-7368	GMC	415482
0704-6966	GMC	5115	0704-7227	GMC	416153	0704-7309	GMC	365008	0704-7369	GMC	415498
0704-6968	GMC	410737	07047231	GMC	415857	0704-7310	GMC	410102	0704-7370	GMC	415559
0704-6968	GMC	450737	0704-7232	GMC	200642	0704-7311	GMC	410987	0704-7371	GMC	415563
0704-7003	GMC	411253	0704-7234	GMC	200338	07047312	GMC	470989	0704-7371	GMC	417433
0704-7095	GMC	200851	0704-7235	GMC	200752	0704-7313	GMC	411245	0704-7372	GMC	415577
0704-7123	GMC	5146	0704-7236	GMC	200854	0704-7314	GMC	471737	0704-7373	GMC	415683
0704-7124	GMC	5167	0704-7238	GMC	200861	0704-7315	GMC	411330N	0704-7374	GMC	415711
0704-7125	GMC	5168	0704-7240	GMC	200885	0704-7316	GMC	410190	0704-7375	GMC	415832
0704-7126	GMC	5169	0704-7241	GMC	203002	0704-7317	GMC	410694	0704-7376	GMC	415854
0704-7127	GMC	5170	0704-7242	GMC	204029	0704-7318	GMC	410708	0704-7377	GMC	415871
0704-7130	GMC	5399	0704-7242	GMC	204507	0704-7319	GMC	410752	0704-7378	GMC	415876
0704-7133	GMC	5521	0704-7243	GMC	204017	0704-7320	GMC	410825	0704-7379	GMC	415897
0704-7134	GMC	5527	0704-7244	GMC	205004	0704-7321	GMC	471337	0704-7380	GMC	415958
0704-7135	GMC	5531	0704-7246	GMC	205035	0704-7322	GMC	411500	0704-7381	GMC	415983N
0704-7136	GMC	5532	0704-7249	GMC	240457	0704-7323	GMC	412040	0704-7382	GMC	416008
0704-7137	GMC	5537	0704-7250	GMC	240716	0704-7324	GMC	412725	0704-7383	GMC	416024
0704-7138	GMC	5538	0704-7251	GMC	240949	0704-7325	GMC	413246	0704-7384	GMC	416029N
0704-7139	GMC	6357S	0704-7254	GMC	471224	0704-7325	GMC	413246N	0704-7385	GMC	416039
0704-7140	GMC	6380	0704-7255	GMC	471264	0704-7326	GMC	413247	0704-7386	GMC	416043
0704-7143	GMC	6760S	0704-7256	GMC	471442	0704-7327	GMC	413248	0704-7387	GMC	416044
0704-7145	GMC	7512SSO	0704-7257	GMC	471649	0704-7328	GMC	413470	0704-7388	GMC	416070
0704-7146	GMC	8362	07047258	GMC	476838	0704-7329	GMC	413472	0704-7389	GMC	416071
0704-7147	GMC	9555S	0704-7259	GMC	472324	0704-7330	GMC	415007	0704-7390	GMC	416102

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-7391	GMC	416125	0704-7451	GMC	417258	0704-7511	GMC	417554	0704-7573	GMC	470645
0704-7392	GMC	416127	0704-7452	GMC	417267	0704-7512	GMC	417556	0704-7574	GMC	450666
0704-7393	GMC	416135	0704-7453	GMC	417273	0704-7513	GMC	417563	0704-7575	GMC	450693
0704-7394	GMC	416144	0704-7454	GMC	417278	0704-7514	GMC	417564	0704-7576	GMC	450765
0704-7395	GMC	416147	07047455	GMC	417343	0704-7515	GMC	417567	0704-7577	GMC	450803
0704-7396	GMC	416149	0704-7456	GMC	417352	0704-7516	GMC	417571	0704-7579	GMC	450819
0704-7397	GMC	416153	0704-7456	GMC	418028	0704-7517	GMC	417584	0704-7580	GMC	450869
0704-7398	GMC	416156	0704-7457	GMC	417353	0704-7518	GMC	417597	0704-7581	GMC	450965
0704-7399	GMC	416163	0704-7458	GMC	417354	0704-7519	GMC	417598	0704-7582	GMC	450984
0704-7400	GMC	416167	0704-7459	GMC	417358	0704-7520	GMC	417603	07047583	GMC	471653
0704-7401	GMC	416257	0704-7460	GMC	417359	0704-7521	GMC	417605	0704-7584	GMC	451078
0704-7402	GMC	416268	0704-7461	GMC	417360	0704-7522	GMC	417606	0704-7585	GMC	451143
0704-7403	GMC	416271	0704-7462	GMC	417361	0704-7524	GMC	417780	0704-7587	GMC	451469
0704-7404	GMC	416273	0704-7463	GMC	417362	0704-7525	GMC	442109	0704-7588	GMC	451583
0704-7405	GMC	416278	0704-7464	GMC	417363	07047526	GMC	474273	0704-7589	GMC	451817
0704-7406	GMC	416282	0704-7465	GMC	417364	0704-7527	GMC	450039	0704-7591	GMC	451948
0704-7407	GMC	416288	0704-7466	GMC	417365	0704-7528	GMC	450044	0704-7592	GMC	452086
0704-7408	GMC	416297	0704-7467	GMC	417366	0704-7529	GMC	450054	0704-7593	GMC	452222
0704-7409	GMC	416313	0704-7468	GMC	417474	0704-7530	GMC	450073	0704-7594	GMC	453165
0704-7410	GMC	416321	0704-7469	GMC	417480	0704-7531	GMC	450089	0704-7594	GMC	471619
0704-7411	GMC	416327	0704-7470	GMC	417485	0704-7532	GMC	450104	0704-7595	GMC	453182
0704-7412	GMC	416380	0704-7471	GMC	417486	0704-7533	GMC	450111	0704-7596	GMC	453279
0704-7413	GMC	416381	0704-7472	GMC	417492	0704-7534	GMC	450133	0704-7597	GMC	455008
0704-7414	GMC	416383	0704-7473	GMC	417494	0704-7535	GMC	450143	0704-7598	GMC	455020
0704-7415	GMC	416394	0704-7474	GMC	417495	0704-7536	GMC	450147	0704-7600	GMC	455026
0704-7416	GMC	416404	0704-7475	GMC	417496	0704-7537	GMC	450159	0704-7602	GMC	455032
0704-7417	GMC	416444	0704-7476	GMC	417497	0704-7538	GMC	450173	0704-7603	GMC	455037
0704-7418	GMC	416476	0704-7477	GMC	417498	0704-7539	GMC	450177	0704-7604	GMC	455056
0704-7419	GMC	416557	0704-7478	GMC	417499	0704-7540	GMC	450260	0704-7605	GMC	455080
0704-7420	GMC	416657	0704-7479	GMC	417500	0704-7541	GMC	450269	0704-7606	GMC	455121
0704-7421	GMC	416664	0704-7480	GMC	417501	0704-7542	GMC	450273	0704-7607	GMC	455129
0704-7422	GMC	416670	0704-7481	GMC	417502	0704-7543	GMC	450274	0704-7608	GMC	455136
0704-7423	GMC	416706	0704-7482	GMC	417503	0704-7544	GMC	450275	0704-7609	GMC	455144
0704-7424	GMC	416738	0704-7483	GMC	417504	0704-7545	GMC	450279	0704-7610	GMC	455151
0704-7425	GMC	416891	0704-7484	GMC	417506	0704-7546	GMC	450280	0704-7611	GMC	455189
0704-7426	GMC	416892	0704-7485	GMC	417509	0704-7547	GMC	450285	0704-7612	GMC	455191
0704-7427	GMC	416919N	0704-7486	GMC	417513	0704-7548	GMC	450307	0704-7613	GMC	455203
0704-7428	GMC	416951	0704-7487	GMC	417516	0704-7549	GMC	450311	0704-7614	GMC	455253
0704-7429	GMC	416956	0704-7488	GMC	417518	0704-7551	GMC	450332	0704-7615	GMC	455260
0704-7430	GMC	417016	0704-7490	GMC	417522	0704-7552	GMC	450339	0704-7616	GMC	455280
0704-7431	GMC	417020	0704-7491	GMC	417530	0704-7553	GMC	450340	0704-7617	GMC	455290
0704-7432	GMC	417022	0704-7492	GMC	417531	0704-7554	GMC	450343	0704-7618	GMC	455297
0704-7433	GMC	417040	0704-7493	GMC	417532	0704-7555	GMC	450412	0704-7619	GMC	455311
0704-7434	GMC	417073	0704-7494	GMC	417533	0704-7556	GMC	450430	0704-7620	GMC	455328
0704-7435	GMC	417079	0704-7495	GMC	417534	0704-7557	GMC	450446	0704-7621	GMC	455330
0704-7436	GMC	417082	0704-7496	GMC	417535	0704-7558	GMC	450456	0704-7622	GMC	455336
0704-7437	GMC	417115	0704-7497	GMC	417536	0704-7559	GMC	450457	0704-7623	GMC	455396
0704-7438	GMC	417134	0704-7498	GMC	417537	0704-7560	GMC	450467	0704-7624	GMC	455406
0704-7439	GMC	417158	0704-7499	GMC	417538	0704-7561	GMC	450472	0704-7625	GMC	455434
0704-7440	GMC	417172	0704-7500	GMC	417539	0704-7562	GMC	450474	0704-7626	GMC	455462
0704-7441	GMC	417191	0704-7501	GMC	417540	0704-7563	GMC	450492	0704-7627	GMC	455471
0704-7442	GMC	417198	0704-7502	GMC	417542	0704-7565	GMC	450516	0704-7628	GMC	455476
0704-7443	GMC	417205	0704-7503	GMC	417543	0704-7566	GMC	450523	0704-7629	GMC	455500
0704-7444	GMC	417210	0704-7504	GMC	417544	0704-7567	GMC	450533	0704-7630	GMC	455509
0704-7445	GMC	417211	0704-7505	GMC	417545	0704-7568	GMC	450535	0704-7632	GMC	455536
0704-7446	GMC	417223	0704-7506	GMC	417547	0704-7568	GMC	471264	0704-7634	GMC	455576
0704-7447	GMC	417238	0704-7507	GMC	417548	0704-7569	GMC	450540	0704-7635	GMC	455583N
0704-7448	GMC	417247	0704-7508	GMC	417549	07047570	GMC	471255	0704-7637	GMC	455655
0704-7449	GMC	417252	0704-7509	GMC	417550	0704-7571	GMC	450604	0704-7639	GMC	455685
0704-7450	GMC	417255	0704-7510	GMC	417551	0704-7572	GMC	450621	0704-7641	GMC	455820

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-7642	GMC	455948	0704-7702	GMC	471689	0704-7757	GMC	473226	0704-7817	GMC	480491
0704-7643	GMC	455966	0704-7703	GMC	471684	0704-7758	GMC	473228	0704-7818	GMC	480821
0704-7644	GMC	3016	0704-7703	GMC	471698	0704-7759	GMC	473229	0704-7819	GMC	480844
0704-7645	GMC	456105	0704-7704	GMC	471707N	0704-7760	GMC	473230	0704-7821	GMC	481163
0704-7646	GMC	456141	0704-7705	GMC	471729	0704-7761	GMC	473235	0704-7822	GMC	481181
0704-7647	GMC	456192	0704-7706	GMC	471733	0704-7762	GMC	473237	0704-7822	GMC	481181N
0704-7648	GMC	456305	0704-7707	GMC	471735	0704-7763	GMC	473239	07047823	GMC	471195
0704-7649	GMC	456462	0704-7708	GMC	471736	0704-7764	GMC	473242	07047823	GMC	481195
0704-7651	GMC	456890	0704-7709	GMC	471737	0704-7765	GMC	473243	0704-7824	GMC	480581
0704-7654	GMC	457295	0704-7710	GMC	471762	0704-7766	GMC	473244	0704-7825	GMC	481397
0704-7656	GMC	457585	0704-7711	GMC	471795	0704-7767	GMC	473245	0704-7826	GMC	481443
0704-7658	GMC	470050	0704-7712	GMC	471795N	0704-7769	GMC	473317	0704-7827	GMC	481481
0704-7659	GMC	470062	0704-7713	GMC	471801	0704-7771	GMC	473405	0704-7828	GMC	481528
0704-7659	GMC	474264	0704-7714	GMC	471808	0704-7772	GMC	473406	0704-7830	GMC	481537
0704-7660	GMC	470074	0704-7715	GMC	471818	0704-7773	GMC	473407	0704-7831	GMC	481568
0704-7660	GMC	474265	0704-7716	GMC	471821	0704-7774	GMC	473412	0704-7832	GMC	481792
0704-7661	GMC	470086	0704-7717	GMC	471827	0704-7775	GMC	473413	0704-7833	GMC	481834
0704-7662	GMC	470088	0704-7718	GMC	471829	0704-7776	GMC	473415	0704-7834	GMC	481859
0704-7663	GMC	473462	0704-7719	GMC	471831	0704-7777	GMC	473419	0704-7835	GMC	481864
0704-7664	GMC	470361	0704-7720	GMC	471833	0704-7778	GMC	473420	0704-7836	GMC	481992
0704-7664	GMC	472193	0704-7721	GMC	471841	0704-7779	GMC	473428	0704-7837	GMC	482163N
0704-7665	GMC	470390	0704-7722	GMC	471847N	0704-7780	GMC	473435	0704-7838	GMC	482253
07047666	GMC	470487N	0704-7723	GMC	471854	0704-7781	GMC	473436	0704-7839	GMC	482309
0704-7667	GMC	470515	0704-7724	GMC	471862	0704-7782	GMC	473437	0704-7840	GMC	482310
0704-7668	GMC	470530	0704-7725	GMC	471866	0704-7783	GMC	473438	0704-7841	GMC	484054
0704-7669	GMC	470543	0704-7726	GMC	472016	0704-7784	GMC	473440	0704-7842	GMC	484058
0704-7669	GMC	474272	0704-7727	GMC	472018	0704-7785	GMC	473442	0704-7867	GMC	99062
0704-7670	GMC	470565	0704-7728	GMC	472020	0704-7786	GMC	473443	0704-7868	GMC	99076
0704-7671	GMC	470596	0704-7729	GMC	472029	0704-7786	GMC	474274	0704-7869	GMC	99087
0704-7672	GMC	470601	0704-7730	GMC	472070	0704-7787	GMC	473444	0704-7870	GMC	99098
0704-7673	GMC	470605	0704-7731	GMC	472082	0704-7788	GMC	473447	07047871	GMC	99101
0704-7674	GMC	470687	0704-7733	GMC	472150	0704-7789	GMC	473448	0704-7872	GMC	99112
0704-7675	GMC	410737	0704-7734	GMC	470380	0704-7790	GMC	473450	0704-7873	GMC	99125
0704-7675	GMC	470737	0704-7734	GMC	472189A	0704-7791	GMC	473452	0704-7874	GMC	99138
0704-7676	GMC	470774	0704-7735	GMC	472234	0704-7792	GMC	473453	0704-7875	GMC	99143
0704-7677	GMC	471141	0704-7736	GMC	472299	0704-7793	GMC	473457	0704-7876	GMC	99149
0704-7679	GMC	471231	0704-7737	GMC	472324	0704-7794	GMC	473458	0704-7877	GMC	99155
0704-7680	GMC	471255	0704-7738	GMC	472394	0704-7795	GMC	473460	0704-7878	GMC	99156
0704-7681	GMC	471270	0704-7739	GMC	472409	0704-7796	GMC	473461	0704-7879	GMC	99162
0704-7682	GMC	471344	0704-7740	GMC	472432	0704-7797	GMC	473463	0704-7880	GMC	99168
0704-7683	GMC	471354	0704-7740	GMC	474256	0704-7798	GMC	473464	0704-7881	GMC	99174
0704-7684	GMC	471407	0704-7741	GMC	472452	0704-7799	GMC	473466	0704-7882	GMC	99176
0704-7685	GMC	471424	0704-7742	GMC	471549	0704-7800	GMC	473467	0704-7883	GMC	99181
0704-7686	GMC	471443	0704-7742	GMC	472467	0704-7801	GMC	410308	0704-7884	GMC	99187
0704-7686	GMC	481443	0704-7743	GMC	472572	0704-7801	GMC	473468	0704-7885	GMC	99199
0704-7687	GMC	471498	0704-7744	GMC	472636	0704-7802	GMC	473473	0704-7887	GMC	99205
0704-7688	GMC	471530	0704-7745	GMC	472644	0704-7803	GMC	473474	0704-7888	GMC	99212
0704-7689	GMC	471532	0704-7746	GMC	471747	0704-7804	GMC	473475	0704-7889	GMC	99218
0704-7690	GMC	471535	0704-7746	GMC	472674	0704-7805	GMC	473517	0704-7890	GMC	99225
0704-7691	GMC	471549	0704-7747	GMC	472681	0704-7807	GMC	475384	0704-7891	GMC	99233
0704-7692	GMC	471558	0704-7747	GMC	473259	0704-7808	GMC	415035	0704-7892	GMC	99237
0704-7693	GMC	471579	0704-7748	GMC	472705	0704-7808	GMC	475845	0704-7893	GMC	99243
0704-7694	GMC	471612	0704-7749	GMC	472826	07047809	GMC	415995	0704-7894	GMC	99248
0704-7695	GMC	471633	0704-7750	GMC	472843	0704-7811	GMC	476535	0704-7895	GMC	99250
0704-7696	GMC	471643	0704-7751	GMC	472954	0704-7812	GMC	476820	0704-7896	GMC	99256
0704-7697	GMC	471645	0704-7752	GMC	473157	0704-7813	GMC	476842	0704-7897	GMC	99259
0704-7698	GMC	471646	0704-7753	GMC	473179	0704-7814	GMC	477069	0704-7898	GMC	99262
0704-7699	GMC	471648	0704-7754	GMC	473210	0704-7815	GMC	480281	0704-7899	GMC	99272
0704-7700	GMC	471686	0704-7755	GMC	473213	0704-7816	GMC	474278	0704-7900	GMC	99274
0704-7701	GMC	471688	0704-7756	GMC	473225	0704-7816	GMC	480356	0704-7901	GMC	99275

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-7902	GMC	99282	0704-A184	GMC	335924N	0704-A273	GMC	417262	0704-E113	GMC	410312N
0704-7903	GMC	99287	0704-A185	GMC	340356	0704-A273	GMC	455448	0704-E113	GMC	472016
0704-7904	GMC	99293	0704-A194	GMC	471750	0704-A274	GMC	417350	0704-E756	GMC	5924
0704-7906	GMC	99300	0704-A195	GMC	410085	0704-A274	GMC	455479	0704-E812	GMC	471762
0704-7907	GMC	99312	0704-A195	GMC	470530	0704-A277	GMC	417191	0704-E924	GMC	417344
0704-7908	GMC	99324	0704A196	GMC	470954	0704-A282	GMC	415458	0704-E924	GMC	455006
0704-7909	GMC	99325	0704-A197	GMC	410163	0704-A282	GMC	475458	0704-E925	GMC	204020
0704-7910	GMC	99337	0704-A197	GMC	471766	0704-A283	GMC	471272	0704-E925	GMC	204505
0704-7911	GMC	99350	0704-A198	GMC	410316	0704-A285	GMC	482126	0704-E998	GMC	472150
0704-7912	GMC	99362	0704-A198	GMC	472636	0704-A370	GMC	415281N	0704-E999	GMC	473214
0704-7913	GMC	99367	0704A199	GMC	471224	0704-A372	GMC	415304	0704-F079	GMC	471267
0704-7914	GMC	99372	0704A200	GMC	472258	0704-A372	GMC	476470	0704-F091	GMC	476470
0704-7915	GMC	99387	0704-A201	GMC	415004	0704-A383	GMC	415483	0704-F093	GMC	472012
0704-7916	GMC	99393	0704-A201	GMC	417316	0704-A443	GMC	470605	0704-F095	GMC	6988H
0704-7917	GMC	99399	0704-A203	GMC	416888	0704-A473	GMC	351028	0704F097	GMC	470530
0704-7919	GMC	99450	0704-A206	GMC	442251	0704-B125	GMC	415027	0704-F223	GMC	8650S
0704-7920	GMC	99499	0704A208	GMC	470059	0704-B125	GMC	455027	0704-F268	GMC	416229
0704-7921	GMC	99599	0704A208	GMC	470380	0704-B126	GMC	416865	0704-F294	GMC	416664
0704-7922	GMC	99700	0704-A211	GMC	412943	0704-B126	GMC	455070	0704-F372	GMC	417554
0704-8120	GMC	471344	0704-A212	GMC	473450	0704-B128	GMC	417196	0704-F433	GMC	455556
0704-8199	GMC	410496	0704-A213	GMC	450117	0704-B130	GMC	471413	0704-F770	GMC	450361
0704-8449	GMC	471255	0704-A213	GMC	472572	0704B282	GMC	471224	0704-F770	GMC	472193
0704-8691	GMC	410119	0704-A216	GMC	471529	0704B356	GMC	471570	0704-F772	GMC	474278
0704-8694	GMC	40059S	0704A219	GMC	471801	0704B358	GMC	471750	0704-F772	GMC	6859S
0704-8698	GMC	41787S	0704A221	GMC	471619	0704-B360	GMC	450089	0704-F773	GMC	471766
0704-8724	GMC	455024	0704A222	GMC	471787	0704-B362	GMC	411245	0704-F775	GMC	450185
0704-8725	GMC	415379	0704-A228	GMC	410308	0704-B362	GMC	455096	0704-F775	GMC	473229
0704-8725	GMC	455379	0704-A228	GMC	450308	0704-B363	GMC	417488	0704-F791	GMC	417486
0704-8727	GMC	471981	0704-A229	GMC	411394	0704-B364	GMC	456105	0704-F813	GMC	450519
0704-8733	GMC	473455	0704-A229	GMC	450317	0704-B367	GMC	417603	0704-F813	GMC	471271
0704-8737	GMC	43071S	0704-A232	GMC	470358	0704-B368	GMC	473225	0704-F815	GMC	415960
0704-8740	GMC	471750	0704-A232	GMC	473231	0704B882	GMC	416267	0704-F815	GMC	455009
0704-8747	GMC	340823	0704-A234	GMC	471870	0704-B884	GMC	415482	0704-F816	GMC	415984
0704-8748	GMC	450298	0704-A234	GMC	471883	0704-C017	GMC	473197	0704F819	GMC	470712
0704-8748	GMC	473239	0704A236	GMC	473227	0704-C019	GMC	5827	0704F832	GMC	450593
0704-8752	GMC	471870	0704-A237	GMC	471138	0704-C082	GMC	442507	0704-F833	GMC	471984
0704-8752	GMC	471883	0704-A238	GMC	450441	0704-C197	GMC	473238	0704F949	GMC	450765
0704-8756	GMC	340413	0704-A238	GMC	471341	0704-C342	GMC	471652	0704-G163	GMC	481443
0704-8759	GMC	45013S	0704-A239	GMC	470567	0704C508	GMC	471192	0704G164	GMC	473238
0704-8761	GMC	473424	0704-A239	GMC	471267	0704-C509	GMC	473224	0704-G311	GMC	417171
0704-8765	GMC	40566S	0704-A240	GMC	413248	0704-C723	GMC	340385	0704-G533	GMC	472492
0704-9195	GMC	410519	0704-A245	GMC	415007	0704-C739	GMC	473423	0704-G586	GMC	473459
0704-9195	GMC	471271	0704-A247	GMC	455018	0704-C921	GMC	55301S	0704-G600	GMC	476470
0704-9877	GMC	350364	0704-A247	GMC	476470	0704-D017	GMC	471466	0704-G794	GMC	415147N
0704-9878	GMC	351267	0704-A248	GMC	416125	0704-D022	GMC	45825S	0704-G802	GMC	240731
0704-9878	GMC	471267	0704-A251	GMC	416891	0704-D104	GMC	3945	0704G803	GMC	450593
07049881	GMC	471466	0704-A253	GMC	417269	0704D149	GMC	471267	0704-G804	GMC	450593
0704-9882	GMC	450085	0704-A256	GMC	416167	0704-D195	GMC	471424	0704-G807	GMC	471787
0704-9882	GMC	470530	0704-A256	GMC	455091	0704-D197	GMC	450183	0704-G808	GMC	471787
0704-9883	GMC	450095	0704-A257	GMC	411376	0704-D197	GMC	472179	0704G810	GMC	473462
0704-9883	GMC	473464	0704-A257	GMC	455093	0704-D263	GMC	415146	0704-G812	GMC	473425
0704-9884	GMC	410987	0704-A259	GMC	415302	0704-D263	GMC	415991	0704-G814	GMC	330663
0704-9884	GMC	450103	0704-A261	GMC	418028	0704-D268	GMC	450301	0704-G814	GMC	472354
0704-9885	GMC	470120	0704-A261	GMC	455137	0704-D268	GMC	472397	0704G815	GMC	473231
0704-9885	GMC	471224	0704-A265	GMC	417357	0704-D276	GMC	410102	0704-G817	GMC	340847
0704-9886	GMC	470682	0704-A265	GMC	455192	0704-D281	GMC	41075S	0704-G821	GMC	471424
0704-9887	GMC	470548	0704-A267	GMC	415725	0704-D296	GMC	55469	0704-G822	GMC	472924
0704-9887	GMC	470625	0704-A268	GMC	417601	0704-D318	GMC	5526	0704-G823	GMC	472397
0704-9888	GMC	450593	0704-A269	GMC	417159	0704-D836	GMC	450326	0704-G824	GMC	40301S
0704-A171	GMC	6863S	0704-A270	GMC	416404	0704-E051	GMC	471141	0704-G825	GMC	470530

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
0704-G826	GMC	472012	070HH132	DANA	415437 <sup>28</sup>	0730283	OPEL	223010	0750-10099LUP	JN-MN	415551
0704-G829	GMC	6626S	070HH132	DANA	455173	07329AB	CASE	417211 <sup>28</sup>	0750 110 062	ZF	710780
0704-G831	GMC	473573	070HH133	SPICE	370131A	0734 300 087	ZF	716484	0750 111 063	ZF	224052
0704-G832	GMC	413246N	070HH133	SPICE	380131A	0734 300 296	ZF	710939	0750 111 079	ZF	710484
0704-G832	GMC	483246N	070HH134	SPICE	370003A	0734 310 272	ZF	710279	0750 111 149	ZF	716484
0704-G835	GMC	416921	070HH134	SPICE	380003A	0734 310 316	ZF	710484	0750 111 172	ZF	223010
0704-G837	GMC	3893V	070HH135	SPICE	370124A	0734 310 316 H	ZF	710484	0750 111 189	ZF	223540
0704-G838	GMC	6835S	070HH136	DANA	456618	0734 310 372	ZF	710801	0750 111 189 H	ZF	223540
0704-G843	GMC	240698	070HH137	DANA	415958 <sup>28</sup>	0734 310 377	ZF	224052	0750 111 195	ZF	1012N
0704-G844	GMC	471466	070HH137	DANA	455958	0734 310 378	ZF	3771	0750 111 243	ZF	710718
0704-G898	GMC	6460S	070HH139	SPICE	455088V	0734 310 392	ZF	710484	0750 111 248	ZF	224052
0704-G899	GMC	6808N	070HH152	SPICE	370119A	0734 310 414	ZF	710801	0750 111 253	ZF	710909
0704-G900	GMC	43089S	070HH152	VIC	370119A	0734 310 418	ZF	710671	0750 111 254	ZF	224010
0704-G902	GMC	415988	070HH163	SPICE	473677	0734 319 168	ZF	223010	0750 111 262	ZF	710794
0704-G903	GMC	9568	070HH171	DANA	472299	0734 319 302	ZF	1012N	0750 111 273	ZF	710484
0704G906	GMC	470764	070HH187	SPICE	370063A	0734 319 399	ZF	224052	0750 111 292	ZF	223510
0704-G907	GMC	345146	0710144000	FREIG	471413 <sup>28</sup>	0734 319 420	ZF	710718	0750 111 350	ZF	224052
0704-G908	GMC	481163	071061VCY	TRSCM	240816	0734 319 423	ZF	710794	0750 111 433	ZF	710780
0704-G917	GMC	350823	07109	JAC	472319	0734 319 509	ZF	224052	0750 111 436	ZF	710484
0704-G917	GMC	473454	071118SM	TRSCM	1049	0734 319 514	ZF	225230	0750 111 470	ZF	710486
0704-G922	GMC	450084	07111SB	TRSCM	254270 <sup>28</sup>	0734 319 524	ZF	221207	0750-11693LUP	JN-MN	415867
0704-G928	GMC	473427	07111SB	TRSCM	7750	0734 319 537	ZF	710733	0750-15015LPD	JN-MN	415551
0704H249	GMC	417487	07111VB	TRSCM	343185	0734 319 538	ZF	3459	0750-9973LUP	JN-MN	415867
0704-H287	GMC	473422	07111VC	TRSCM	340495	0734 319 588	ZF	224052	075132TB	TRSCM	470895
0704-H575	GMC	415991	07111VC	TRSCM	343185	0734 319 596	ZF	225020	075132TB	TRSCM	471554 <sup>28</sup>
0704-H577	GMC	472644	07119965060	BMW	223020	0734 319 598	ZF	710719	075132TB	TRSCM	471554V
0704H602	GMC	471750	0712-10379LUP	JN-MN	416239 <sup>28</sup>	0734 319 600	ZF	710717	075492	GMC	417082
0704-H603	GMC	472157	0712-12481LUP	JN-MN	416077	0734 319 607	ZF	710909	075767	ALLCH	455820
0704-H604	GMC	471652	07122SB	TRSCM	470954 <sup>28</sup>	0734 319 607 H	ZF	710909	07580	IH	350435
0704-H614	GMC	474278	07122SB	TRSCM	470954V	0734 319 609	ZF	225010	075978	ALLCH	471276
0704-H648	GMC	8516N	07122SB	TRSCM	480954	0734 319 619	ZF	1209	0762-12209LUP	JN-MN	416102
0704-H678	GMC	417158	07122SC	TRSCM	350954	0734 319 623	ZF	710780	0762-17780LDS	JN-MN	417598
0704-H678	GMC	455355	07122TB	TRSCM	2287	0734 319 623 R	ZF	710780	076243	GMC	471689 <sup>28</sup>
0704-H724	GMC	472299	07122TB	TRSCM	470954 <sup>28</sup>	0734 319 624	ZF	221207	0762-5291LUP	JN-MN	416102
0704-H728	GMC	203005	07122TB	TRSCM	470954V	0734 319 624 H	ZF	221207	0762-9360LUP	JN-MN	417598
0704-H728	GMC	205005	07122VTB	TRSCM	470954V	0734 319 633	ZF	710487	07630BY	SABO	710548
0704-J015	GMC	415725	07123TC	TRSCM	350679	0734 319 645	ZF	224040	076717	GMC	475003N
0704-J298	GMC	446927	07123TC	TRSCM	470141	0734 319 649	ZF	224052	076793	GMC	450183
0704-J499	GMC	470460	0712B	GOODM	471570 <sup>28</sup>	0734 319 649 H	ZF	224052	076793	GMC	472179
0704-J744	GMC	5133	07132TB	TRSCM	480821 <sup>28</sup>	0734 319 677	ZF	710718	07688BGE	SABO	226285
0704-K492	GMC	J1113	07134SSTB	TRSCM	470027	0734 319 695	ZF	710484	076960	ALLCH	6703S
0704-K555	GMC	40208	07142SB	TRSCM	471567 <sup>28</sup>	0734 319 699	ZF	710783	0770 198 158	ZF	224052
0704-K652	GMC	340826	07142TB	TRSCM	471567 <sup>28</sup>	0734 319 703	ZF	223510	0770 198 159	ZF	710714
0704-K654	GMC	351487	07143SB	TRSCM	481568 <sup>28</sup>	0734 319 706	ZF	710486	077 115 147 A	AUDI	710127
0704-K972	GMC	330699	0714B	GOODM	470590	0734 319 721	ZF	710967	077 115 147 A	VW	710127
0704-K986	GMC	471272N	07152TL	TRSCM	471498	0734 319 722	ZF	224660	077 115 147 B	AUDI	710127
0704-K988	GMC	415156N	071607B	HARWA	7X16X7	0734 319 753	ZF	224510	077 115 147 B	VW	710127
0704-M088	GMC	474265	07162TB	TRSCM	471643 <sup>28</sup>	0734 319 801	ZF	710780	0775-10688LPD	JN-MN	455406 <sup>28</sup>
0704-M139	GMC	471554	07172SB	TRSCM	471684 <sup>28</sup>	0734 319 811	ZF	710939	0775-15527LDS	JN-MN	455406 <sup>28</sup>
0704-M147	GMC	204038	07182SB	TRSCM	470390	0734 319 813	ZF	224052	0775-8952LUP	JN-MN	455406 <sup>28</sup>
0705019	THIOK	415263	071947	ALLCH	416339	074065	EATON	410686N	077934	GMC	416288 <sup>28</sup>
0708-18440LUP	JN-MN	180X210X15	071947	ALLCH	455031 <sup>28</sup>	07424BX	CASE	450984	078016	HYST	6988H
07091VM	TRSCM	240735	07203SB	TRSCM	472649	07425GAGGE	SABO	4160	078-103-051-A	AUDI	711007
07091VM	TRSCM	312518 <sup>28</sup>	072207A	HARWA	7X22X7	07431-34340	HYUND	712007	078 103 051 A	VW	711007
0709-7918	GMC	99424	0725-12094LUP	JN-MN	416044	07459 BRGGF	SABO	710651	078-103-051-G	AUDI	711007
070HH104	SPICE	473228 <sup>28</sup>	0725-18709LPD	JN-MN	415116	07484BRAGF	SABO	710468	078-103-051-G	VW	711007
070HH111	DANA	5865	0725-8951LUP	JN-MN	415116	074961	ALLCH	412040	078133SB	TRSCM	481443 <sup>28</sup>
070HH114	SPICE	477163N	0727-16-213	KIA	710415	074962	ALLCH	450365	078329	ALLCH	471689 <sup>28</sup>
070HH120	DANA	416556 <sup>28</sup>	0727-17-335	KIA	225040	074962	ALLCH	470898 <sup>28</sup>	078502	ALLCH	450400
070HH131	SPICE	455355	07300BY	SABO	710548	0750-10096LPD	JN-MN	415551	078593	ALLCH	416167 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
078593	ALLCH	455091	08132SB	TRSCM	471267 <sup>2B</sup>	087111VZ	TRSCM	340850	0911046	ADAMS	472018
0787-10021LUP	JN-MN	455121	08132SB	TRSCM	471267V	08719	JAC	470120	0911047	ADAMS	415281N
0787-18528LUP	JN-MN		08132TBY	TRSCM	471267 <sup>2B</sup>	08719	JAC	471224 <sup>2B</sup>	0911105	ADAMS	415281N
200X230X15 <sup>2B</sup>			081369	GMC	450183	08721	NAK	85X125X12	09142TB	TRSCM	472324 <sup>2B</sup>
0787-9886LUP	JN-MN	455121	081369	GMC	472179	08731	JAC	350414	09142VSB	TRSCM	4458V
079 103 051 D	AUDI	710279	081370	GMC	415449 <sup>2B</sup>	08731	JAC	472311 <sup>2B</sup>	09143SA	TRSCM	451583 <sup>2B</sup>
079 103 051 D	VW	710279	081370	GMC	455147	087-409-529A	AUDI	494122	09143SB	TRSCM	451583 <sup>2B</sup>
079-103-051F	AUDI	710761	08142SB	TRSCM	471570 <sup>2B</sup>	087-409-529A	VW	494122	091.626	ELRNG	222030
079-103-051F	BENTL	710761	08142SB	TRSCM	471570V	0875-13789LUP	JN-MN	415128	09162SB	TRSCM	471648
079-103-051F	ROLLS	710761	08142TB	TRSCM	471570 <sup>2B</sup>	0875-16179STLUP	JN-MN	455966	0916B	GOODM	471763
079-103-051F	VW	710761	0814477	O-M	472475	08754AB	CASE	455566	09172SB	TRSCM	471688
079 103 051 G	AUDI	225530	08153	CHECK	5092	08759AB	CASE	455566	09181WPB	TRSCM	240457
079 103 051 G	VW	225530	08153TC	TRSCM	470680	08811	JAC	471571	09203SB	TRSCM	482310
079276	ALLCH	6703S	0815B	GOODM	471733	08840	FBG	1174	0925-10252LPD	JN-MN	415219
079351	ALLCH	6863S <sup>2B</sup>	081607A	HARWA	8X16X7	088-409-399	AUDI	224520	0925-12831STLPD	JN-MN	415219
079567	GMC	450084 <sup>2B</sup>	081626	GMC	475012N	088-409-399	VW	224520	0925-16306LDS	JN-MN	415219
079966	ALLCH	471267 <sup>2B</sup>	08162TB	TRSCM	471646 <sup>2B</sup>	088-409-399A	AUDI	224520	0925-17020LDS	JN-MN	415219
07D 103 085	AUDI	224200	08172TB	TRSCM	470590	088-409-399A	VW	224520	092607A	HARWA	9X26X7
07D 103 085	VW	224200	0817348LPD	JN-MN	450030	088-409-399D	AUDI	224520	09262	NAK	90X115X12
07K-103-151A	VW	710787	0817348LPD	JN-MN	474253	088-409-399D	VW	224520	09282-35002	SUZUK	223540
07K 103 151 B	VW	710787	08182SB	TRSCM	471730	08841	FBG	239155	09282-48003	SUZUK	224820
07K-103-151C	VW	710787	08183	CHECK	6936S	08848	NAK	15X40X7	09283-15002	SUZUK	221510
07K 103 151 D	VW	710787	0820-10-605	MAZDA	1953	08853	FBG	1012N	09283-20024	SUZUK	222030
080011035LUP	JN-MN	417600	082025	L&N	240385	088645	GMC	471801 <sup>2B</sup>	09283-20040	SUZUK	222030
0800-12929LUP	JN-MN	417601	082026	L&N	240462	0887-10333LUP	JN-MN	416657	09283-22040	SUZUK	710310
0800-14198LUP	JN-MN	417602 <sup>2B</sup>	082179	ALLCH	200640	0887-13436LPD	JN-MN	455129	09283-25077	SUZUK	222535
0800-15076LDS	JN-MN	417602 <sup>2B</sup>	082207A	HARWA	8X22X7 <sup>2B</sup>	0887-8943LPD	JN-MN	455129	09283-25077-000	SUZUK	222535
0800-16080LDS	JN-MN	415656	082207A	HARWA	9X22X7 <sup>2B</sup>	0887-9292LPD	JN-MN	416657	09283-25088	SUZUK	222535
0800-16311LUP	JN-MN	417602 <sup>2B</sup>	0825-12149LUP	JN-MN	415124	089-409-529A	VW	239146	09283-25088-000	SUZUK	222535
0800-16525LDS	JN-MN	415052	083011	GMC	417316 <sup>2B</sup>	08994AB1	CASE	415001 <sup>2B</sup>	09283-26010	SUZUK	222630
0800-17788LDS	JN-MN	417602 <sup>2B</sup>	083011	GMC	455004	08994AB1	CASE	455001	09283-26010-000	SUZUK	222630
0800-5609LUP	JN-MN	417602 <sup>2B</sup>	08319	JAC	340787	0900-11552LPD	JN-MN	55301S	09283-26016	SUZUK	222630
0803162	Y-T	411330N	083917	GMC	450066	0900-14490LDS	JN-MN	455462	09283-26016-000	SUZUK	222630
080457	ALLCH	450494	083917	GMC	473367 <sup>2B</sup>	0900-16554LUP	JN-MN	455476 <sup>29</sup>	09283-28010	SUZUK	222860
080457	ALLCH	472164 <sup>2B</sup>	08406294	BL-KN	472070	0900-8819LUP	JN-MN	415090	09283-30042	SUZUK	710310
080599	GMC	473236 <sup>2B</sup>	084-409-189B	AUDI	1188	0900-8868LUP	JN-MN	455462	09283-32002	SUZUK	710310
080609	GMC	473446	084-409-189B	SEAT	1188	0900-8948LUP	JN-MN	415090	09283-32003	SUZUK	710310
08079	JAC	450431	084-409-189B	SKODA	1188	090148	LOKWD	340817	09283-32003-000	SUZUK	710310
08079	JAC	471539 <sup>2B</sup>	084-409-189B	VW	1188	090190	LOKWD	472258 <sup>2B</sup>	09283-32016	SUZUK	710310
080974	GMC	411253 <sup>2B</sup>	08447	JAC	340009S	090190	LOKWD	480570	09283-32016-000	SUZUK	710310
080974	GMC	450099	08447A	JAC	471466 <sup>2B</sup>	090200	BORGW	417509	09283-32022	SUZUK	710310
08111VB	TRSCM	240733	0850-10371LUP	JN-MN	417603 <sup>2B</sup>	09020AB	CASE	415449 <sup>2B</sup>	09283-32022-000	SUZUK	710310
081121SZ	TRSCM	8609	0850-15024LDS	JN-MN	416394	09020AB	CASE	455147	09283-32023	SUZUK	471413 <sup>2B</sup>
081134SA	TRSCM	471231 <sup>2B</sup>	0850-8835LUP	JN-MN	417604	0904021	ADAMS	415483 <sup>2B</sup>	09283-32025	SUZUK	710310
081142TL	TRSCM	474253	0850-8954LUP	JN-MN	417604	0904021	ADAMS	455368	09283-32025-000	SUZUK	710310
081162TB	TRSCM	471645	08510	JAC	350954	0906006	ADAMS	415458 <sup>2B</sup>	09283-32026	SUZUK	710310
081162VSB	TRSCM	471645V	08510	JAC	470954 <sup>2B</sup>	0906006	ADAMS	455003	09283-32026-000	SUZUK	710310
081172SB	TRSCM	471686	085-301-227	VW	2027	0906027	ADAMS	450352	09283-32036	SUZUK	710310
0812-10347LUP	JN-MN	455123	08546HT	CASE	200354	0906027	ADAMS	472164 <sup>2B</sup>	09283-32038	SUZUK	710310
0812-10700LPD	JN-MN	455123	08583AB	CASE	415458 <sup>2B</sup>	0906035	ADAMS	417171 <sup>2B</sup>	09283-32040	SUZUK	710310
08121SB	TRSCM	254287 <sup>2B</sup>	08583AB	CASE	455003	09061-0001P	NISSA	68X82X7	09283-32042	SUZUK	710310
08121SB	TRSCM	340483	0862-12441LPD	JN-MN	417567	09062-0020P	NISSA	710195	09283-32042-000	SUZUK	710310
08121VB	TRSCM	7840S	0863-11-113A	AUDI	1174	090655	ALLCH	470120	09283-35008	SUZUK	223553
081241VL	TRSCM	5976S	0863-11-113A	LAMBO	1174	090655	ALLCH	471224 <sup>2B</sup>	09283-35024	SUZUK	223552
081280	GMC	450301	0863-11-113A	VW	1174	09070	CHECK	8610	09283-35024-000	SUZUK	223552
081280	GMC	472397 <sup>2B</sup>	08644709	ACDEL	710544	09074AB1	CASE	240736	09283-35025	SUZUK	223552
0812B	GOODM	470120	08644709	GMC	710544	091023	FRUEH	370014A	09283-35025-000	SUZUK	223552
0812B	GOODM	471224 <sup>2B</sup>	08666007	GMC	3543	09110	CHECK	9845	09283-35037	SUZUK	223552
081302VL	TRSCM	340413	08685515	ACDEL	4072N	0911045	ADAMS	450352	09283-35037-000	SUZUK	223552
08131VM	TRSCM	440131 <sup>2B</sup>	08685515	GMC	4072N	0911045	ADAMS	472164 <sup>2B</sup>	09283-35038	SUZUK	223552

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
09283-35038-000	SUZUK	223552	093132SB	TRSCM	471015 <sup>28</sup>	099-211.2	DRMAN	211PKG	0F004-27-238	KIA	2007N
09283-35052	SUZUK	223553	093132TB	TRSCM	340787	099-212	DRMAN	212PKG	0F801-10-602	KIA	223420
09283-35054	SUZUK	223552	093132TB	TRSCM	471015 <sup>28</sup>	099-216.2	DRMAN	216PKG	0F801-11-399	HYUND	229010
09283-35054-000	SUZUK	223552	093162SB	TRSCM	471647	099-222	DRMAN	222PKG	0F801-11-399	KIA	229010
09283-38012-	SUZUK	223830	093172SB	TRSCM	474252 <sup>28</sup>	099-405	DRMAN	217PKG	0FE01-10-602	KIA	223420
09283-38012-000	SUZUK	223830	0933971	ALLCH	450867	099-409	DRMAN	024PKG	OJE26-12-601A	KIA	710642
09283-40001	DAEWO	4175	0933971	ALLCH	470898	099-452.2	DRMAN	6005020	OJE26-12-601A	MAZDA	710642
09283-40001	SUZUK	4175	09345AB	CASE	417344 <sup>28</sup>	099-472.2	DRMAN	6007020	0K011-11-312	HYUND	229010
09283-40009	SUZUK	1213N	09345AB	CASE	455006	099-492.2	DRMAN	6010020	0K011-11-312	KIA	229010
09283-40013	SUZUK	710523	09368AB	CASE	471579	099593	GMC	470059	0K011-16-103	KIA	223010
09283-40013-000	SUZUK	710523	09372	JAC	240733	099593	GMC	470380 <sup>28</sup>	0K011-17-395	KIA	710714
09283-40022	SUZUK	710523	0937-8823LPD	JN-MN	415871	099856	ALLCH	240023	0K011-17-396	KIA	223010
09283-40022-000	SUZUK	710523	093917	GMC	450066	09D-321-243	AUDI	710934	0K011-26-154A	KIA	710853
09283-40027	SUZUK	710523	093917	GMC	473367 <sup>28</sup>	09D-321-243	VW	710934	0K011-26-157	KIA	710387
09283-40027-000	SUZUK	710523	09391AB	CASE	450621	09D-321-243A	AUDI	710934	0K011-33-065	KIA	710094
09283-42003	SUZUK	224200	0940661990	CLIN	470601	09D-321-243A	VW	710934	0K011-33-067	KIA	710093
09283-42004	SUZUK	224200	09439	NAK	32X58X8 <sup>28</sup>	09D-321-243B	AUDI	710934	0K013-10-602	KIA	223420
09283-42005	SUZUK	224200	09487	NAK	78X105X10	09D-321-243B	VW	710934	0K01A-26-157	KIA	710387
09283-42008	SUZUK	224200	0950-16986LDS	JN-MN	417606	09D-409-189	AUDI	710933	0K01A-33-065	KIA	710094
09283-44006	SUZUK	224462	09504CH	CASE	472287 <sup>28</sup>	09D-409-189	VW	710933	0K01A-33-067	KIA	710093
09283-44006-000	SUZUK	224462	0950-8824LUP	JN-MN	417606	09E-321-243	AUDI	710484	0K081-33-067	KIA	710093
09283-44007	SUZUK	224462	09516AB	CASE	473475	09E-321-243	ROLLS	710484	0K08A-33-065	KIA	710394
09283-44007-000	SUZUK	224462	095321243	VW	225110	09E-321-243	VW	710484	0K201-11-312	HYUND	228250
09283-44008	SUZUK	224462	095-321-243A	VW	225110	09E-409-189	AUDI	710780	0K201-11-312	KIA	228250
09283-44008-000	SUZUK	224462	095321243D	VW	225110	09E-409-189	VW	710780	0K201-33-065	KIA	1932
09283-44009	SUZUK	224462	095-323-862A	AUDI	713771	09E-409-399	AUDI	224052	0K201-33-065A	KIA	1932
09283-44009-000	SUZUK	224462	095-323-862A	VW	713771	09E-409-399	VW	224052	0K247-11-312	HYUND	710860
09283-44011	SUZUK	224462	095580	ALLCH	417269 <sup>28</sup>	09E-409-400	AUDI	223510	0K247-11-312	KIA	710860
09283-44011-000	SUZUK	224462	095984	GMC	475012N	09E-409-400	VW	223510	0K30E-10-602	HYUND	710897
09283-45005	SUZUK	710521	096184SB	TRSCM	450040	09F-409-189	AUDI	710780	0K30E-10-602	KIA	710897
09283-45009	SUZUK	710521	0962-15171LDS	JN-MN	416381	09F-409-189	ROLLS	710780	0K71E-16-103	KIA	1990
09283-45011	SUZUK	710521	096759	ALLCH	417362 <sup>28</sup>	09F-409-189	VW	710780	0K72A-26-157	KIA	710567
09283-45012	SUZUK	710521	096760	ALLCH	450519	09G-301-189	AUDI	710582	0K9BV-10-602A	KIA	223005
09283-48003	SUZUK	224820	096760	ALLCH	471271 <sup>28</sup>	09G-301-189	SEAT	710582	0K9BV-10-604	KIA	223005
09283-48007	SUZUK	224820	096761	ALLCH	450352	09G-301-189	SKODA	710582	0K9BV-14-602	KIA	320348
09283-49002	SUZUK	4904	096761	ALLCH	472164 <sup>28</sup>	09G-301-189	VW	710582	0N307	CATER	3783
09283-50001	SUZUK	1948	09708AB	CASE	415003	09G-321-243	AUDI	710893	0P016-27-238	KIA	223842
09283-50001-000	SUZUK	1948	09708AB	CASE	415458 <sup>28</sup>	09G-321-243	VW	710893	0S113-33-067	KIA	225225
09283-50002	SUZUK	1948	09709AB	CASE	415138 <sup>28</sup>	09K-321-243	AUDI	710893	0S18891	SKF	9316
09283-50002-000	SUZUK	1948	097127	ALLCH	470120	09K-321-243	VW	710893	0T265A	MINNM	417238
09283-53001	SUZUK	710175	097127	ALLCH	471224 <sup>28</sup>	09M-321-243-B	AUDI	710775	10	BL-KN	415035 <sup>28</sup>
09283-53001-000	SUZUK	710175	097342	ALLCH	415196 <sup>28</sup>	09M-321-243-B	VW	710775	10	BL-KN	45035
09283-54001	SUZUK	710239	097.500	ELRNG	710413	0AD-321-199	VW	710751	100	UNIVE	471689 <sup>28</sup>
09283-54001-000	SUZUK	710239	0975-13809LUP	JN-MN	55078S	0AD-321-199-A	VW	710750	1000	UNIVE	417020
09283-56002	SUZUK	710393	097.530	ELRNG	710454	0AD-321-199B	VW	710749	10-00-004-039	BORGW	470138V
09283-56002-000	SUZUK	710393	099-008	DRMAN	008PKG	0AD-321-199-C	VW	710750	1000044004	BORGW	473243
09283-68001	SUZUK	710334	099-010.2	DRMAN	010PKG	0AQ-321-199	AUDI	710726	10-00-044-014	BORGW	470774V
09283-68002	SUZUK	710334	099-011	DRMAN	011PKG	0AQ-321-199A	AUDI	710659	1000-044-015	WARNR	9613S
09283-68002-000	SUZUK	710334	099-011.2	DRMAN	011PKG	0AQ-321-199B	AUDI	710725	1000-044-020	WARNR	483459H
09283-98001	SUZUK	710520	099-012	DRMAN	012PKG	0AQ-321-199C	AUDI	710659	1000044023	BORGW	473442 <sup>28</sup>
09283-98002	SUZUK	710520	099-013.2	DRMAN	013PKG	0AT-409-399	AUDI	224510	1000044024	BORGW	472213
09284365	ALLCH	415854	099-110	DRMAN	110PKG	0AT-409-399	VW	224510	1000044030	BORGW	482163N
09284-45001	SUZUK	710193	099-110.2	DRMAN	110PKG	0B3C7-10-602A	KIA	710611	1000044032	BORGW	415449 <sup>28</sup>
09285-00002	SUZUK	710330	099-111	DRMAN	111PKG	0B3C7-10-602B	KIA	710611	10-00-044-035	BORGW	472164 <sup>28</sup>
09285-00002-000	SUZUK	710330	099-111.2	DRMAN	111PKG	0B443	HART	481537	10-00-044-041	BORGW	8660S
09286-75001	SUZUK	710240	099-112	DRMAN	112PKG	0BU-321-199-A	AUDI	223553	1000-044-046	WARNR	710062
09289-48004	SUZUK	710255	099-112.2	DRMAN	112PKG	0BU-321-199-A	VW	223553	1000-044-048	WARNR	4141
092895	CATER	412473 <sup>28</sup>	099-113.2	DRMAN	113PKG	0CB521	CLSTL	480630 <sup>28</sup>	1000-044-051	WARNR	4141
092895	CATER	415894	099-114.2	DRMAN	114PKG	0CB521	CLSTL	480991	1000-044-052	WARNR	710403
092926	HI-EQ	471766 <sup>28</sup>	099-210.2	DRMAN	210PKG	0E1557B	FUNK	455200N	1000-044-053	WARNR	3946

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1000-044-054	WARNR	710062	1-0012	SKF	471103	10030501	WITTE	473467 <sup>28</sup>	100522	CLARK	455147
1000057M1	MASSE	350414	1-0012	SKF	50197S	10030-D2	REO	370007A	1 005 301	FORD	710618
1000057M1	MASSE	472311 <sup>28</sup>	1001206TA	TRSCM	417020	10033593	GMC	224255 <sup>29</sup>	1005303	FORD	716102
10001200	UNIVE	417020	100120R	CASE	473414	10033594	GMC	710179	100537	TIMKE	100537
1000-16365LUP	JN-MN	417020	100142SB	TRSCM	472311 <sup>28</sup>	10034	C-R	203005 <sup>28</sup>	10053LPD	JN-MN	471801 <sup>28</sup>
1000-17846LDS	JN-MN	417020	100142SB	TRSCM	472311V	10034	C-R	205005	10053LUP	JN-MN	471801 <sup>28</sup>
100021	MC-CL	470120	100142SC	TRSCM	350414	10034	SKF	203005	10054LUP	JN-MN	473234 <sup>28</sup>
100021	MC-CL	471224 <sup>28</sup>	100142TC	TRSCM	472311 <sup>28</sup>	10034	SKF	205005	100552	TIMKE	100552
100021	SCOT	470120	10015	C-R	320457	10034D5	DIA	415003	100557	TIMKE	100557
100021	SCOT	471224 <sup>28</sup>	10015	SKF	320457	10034D5	DIA	415458 <sup>28</sup>	10055LPD	JN-MN	470548
10002406	TROS	471103 <sup>28</sup>	100150	MICH	470120	10034R	IH	471785 <sup>28</sup>	10055LPD	JN-MN	470625 <sup>28</sup>
10002406	TROS	50197S	100150	MICH	471224 <sup>28</sup>	10035	C-R	204005	10055LUP	JN-MN	470548
10002804	TROS	6863S <sup>28</sup>	100154	BORGW	473224 <sup>28</sup>	10035	SKF	204005	10055LUP	JN-MN	470625 <sup>28</sup>
10002805	TROS	6863S <sup>28</sup>	100162	MICH	470219	100353	GMC	471750 <sup>28</sup>	100564	MC-CL	481443 <sup>28</sup>
10002806	TROS	6863S <sup>28</sup>	100162	MICH	471649 <sup>28</sup>	100357	TIMKE	100357	1005745	FORD	710808
10003204	TROS	471442 <sup>28</sup>	100162	UNIVE	470219	10035LPD	JN-MN	473232 <sup>28</sup>	10057LPD	JN-MN	416339
10003205	TROS	410119	100162	UNIVE	471649 <sup>28</sup>	10035LUP	JN-MN	473232 <sup>28</sup>	10057LPD	JN-MN	455031 <sup>28</sup>
10003205	TROS	471442 <sup>28</sup>	100162SLD	MICH	471649 <sup>28</sup>	10036285	GMC	3698	10057LUP	JN-MN	416339
10003206	TROS	471442 <sup>28</sup>	100165	TIMKE	100165	10036286	GMC	9845	10057LUP	JN-MN	455031 <sup>28</sup>
10003604	TROS	472705 <sup>28</sup>	100170	MC-CL	350435	10036788	GMC	3698	100584	MC-CL	481443 <sup>28</sup>
10003606	TROS	472705 <sup>28</sup>	1001706	WITTE	450085	10036LPD	JN-MN	455079 <sup>28,29</sup>	100586	CLARK	472826 <sup>28</sup>
10004004	TROS	351487	1001706	WITTE	470530 <sup>28</sup>	10036LUP	JN-MN	455079 <sup>28</sup>	100587	CLARK	451469
100042	C-R	417605 <sup>29</sup>	100171	MC-CL	471192	1004	UNIVE	417570	10058LPD	JN-MN	471766 <sup>28</sup>
100042	SKF	417605	10017172	GMC	3698	100408	READY	471763	10058LUP	JN-MN	471766 <sup>28</sup>
10004460	FIAT	223035	100175	MICH	471689 <sup>28</sup>	100412	VICK	200354	100598	CLARK	45187S
100044HA	IH	340787	100175	UNIVE	471689 <sup>28</sup>	100414	CLARK	345146	10059S	NATL	410059
10004802	TROS	240735	100176	MC-CL	450159	100419	CLARK	40316S	10059S	NATL	470380 <sup>28</sup>
10004LPD	JN-MN	417344 <sup>28</sup>	10017LPD	JN-MN	417546 <sup>28,29</sup>	1004416M1	MASSE	41264S	10059SS	JN-MN	353132
10004LPD	JN-MN	455006	10017LUP	JN-MN	417546 <sup>28</sup>	1004418M1	MASSE	240119	1006050	WITTE	340771
10004LUP	JN-MN	417344 <sup>28</sup>	1001816M1	MASSE	470027	1004456	FORD	711002	10060LPD	JN-MN	450194
10004LUP	JN-MN	455006	1001816M1	MASSE	471554 <sup>28</sup>	1004457	FORD	711002	10060LPD	JN-MN	473010 <sup>28</sup>
1000503M1	MASSE	471466 <sup>28</sup>	100182	UNIVE	450593 <sup>28</sup>	10044LPD	JN-MN	416706 <sup>28</sup>	10060LUP	JN-MN	450194
100051	C-R	417020	100182TB	TRSCM	450593 <sup>28</sup>	10044LPD	JN-MN	455272	10060LUP	JN-MN	473010 <sup>28</sup>
100051	SKF	417020	100182TB	TRSCM	470041	10044LUP	JN-MN	416706 <sup>28</sup>	10062LPD	JN-MN	417596
10005175	GMC	3698	100183	MICH	450593 <sup>28</sup>	10044LUP	JN-MN	455272	10062LUP	JN-MN	417596
10005176	SELAS	3698	1001837	MASSE	470219	10045271	CONME	380025A	10063	DEXTR	370219A
10005430	CONME	370001A	1001837	MASSE	471649 <sup>28</sup>	10045273	CONME	380065A	10063LPD	JN-MN	416364 <sup>28</sup>
10005430	CONME	380001A	10018632	GMC	3698	10045883	CONME	370048A	10063LUP	JN-MN	416364 <sup>28</sup>
10005431	CONME	370003A	100187	MICH	471733	10045885	CONME	370001A	10065600	GMC	4307V <sup>28</sup>
10005431	CONME	380003A	100187	UNIVE	471733	10045887	CONME	370003A	10065600	GMC	5273
10005433	CONME	370065A	10019	BU-SP	415138 <sup>28</sup>	10045888	CONME	370025A	10065LPD	JN-MN	415303 <sup>28</sup>
10005433	CONME	376590A	1001938M1	MASSE	353132	10045889	CONME	370065A	10065LUP	JN-MN	415303 <sup>28</sup>
10005433	CONME	380065A	100198	MICH	471744 <sup>28</sup>	10046337	GMC	5778	100667	CLARK	473473
10005436	CONME	370025A	100198	UNIVE	471744 <sup>28,29</sup>	100470	TIMKE	100470	1007	STEM	370028A
10005436	CONME	380025A	100200	MICH	471760	1004790	KELSE	343099	100700	CLARK	472015 <sup>28</sup>
1000549M1	MASSE	340120	100200	UNIVE	471760	1004899M1	MASSE	340151	10070R	IH	412119 <sup>28</sup>
100058	TIMKE	100058	1002021	WITTE	450115	10049	C-R	450593 <sup>28</sup>	100712V	TIMKE	100712V
100066R91	IH	475012N	1002021	WITTE	473467 <sup>28</sup>	10049	SKF	450593	100715V	TIMKE	100715V
100075	C-R	417020	100202SB	TRSCM	471619 <sup>28</sup>	1004911	ALLCH	471267 <sup>28</sup>	100727	TIMKE	100727
100075	SKF	417020	100206	MICH	453165	100494	TIMKE	100494	10073LPD	JN-MN	416556 <sup>28</sup>
100080014.5	TROS	417602 <sup>28</sup>	100206	MICH	471619 <sup>28</sup>	100495	TIMKE	100495	10073LPD	JN-MN	472157
100085	TIMKE	100085	100206	UNIVE	453165	100496	MC-CL	471267 <sup>28</sup>	10073LUP	JN-MN	416556 <sup>28</sup>
100086	TIMKE	100086	100206	UNIVE	471619 <sup>28</sup>	10050	C-R	450593 <sup>28</sup>	10073LUP	JN-MN	472157
100098	CUMMI	481397	10021LPD	JN-MN	455121	10050	SKF	450593	10075	C-R	471733
1000-9830LUP	JN-MN	417605	10021LUP	JN-MN	455121	10050LPD	JN-MN	415458 <sup>28</sup>	10075	SKF	471733
1000A80012	TROS	417602 <sup>28</sup>	10026	FITZ	472082	10050LPD	JN-MN	455003	10075	UNIVE	471689 <sup>28</sup>
100115R91	IH	470120	100263	TIMKE	100263	10050LUP	JN-MN	415458 <sup>28</sup>	100796	TIMKE	100796
100115R91	IH	471224 <sup>28</sup>	100269	CLARK	450154	10050LUP	JN-MN	455003	1007A3	WHITE	412119 <sup>28</sup>
10012	C-R	471103 <sup>28</sup>	100269	CLARK	473234	10052	CLARK	416956	1007A3	WHITE	450101
10012	C-R	50197S	10030501	WITTE	450115	100522	CLARK	415449 <sup>28</sup>	1007VB7	MARI	415227 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1008	BUSHH	471984	1011035	WOOL	455009	101255	CLARK	415458 <sup>28</sup>	1014RING	STEM	370030A
1008	STEM	370010A	1011056	DURA	473236 <sup>28</sup>	101260	SPERY	450094	10151LPD	JN-MN	417546 <sup>28</sup>
1008	STEM	370054A	1011057	DURA	472658	101260	SPERY	473462	10151LUP	JN-MN	417546 <sup>28</sup>
1008	STEM	370150A	1011057	DURA	473197	101277	TW-CO	471801 <sup>28</sup>	1015243M1	MASSE	203025
1008	UNIVE	415227 <sup>28</sup>	10110LPD	JN-MN	415559 <sup>29</sup>	10128	C-R	471760V	10152LPD	JN-MN	417556
10081225	UNIVE	417570	10110LUP	JN-MN	415559	10128	SKF	471760V	10152LUP	JN-MN	417556
100858201	EATON	370001A	101116A	OLIVE	340413	10128316	GMC	710891	10152VB	TRSCM	471270 <sup>28</sup>
100858201	EATON	380001A	10111769	GMC	9845	10128317	GMC	324234V	10153	C-R	40157S
100858401	EATON	370001A	10111LPD	JN-MN	471862 <sup>29</sup>	101285	TW-CO	471801 <sup>28</sup>	1-0153	SKF	40157S
100858401	EATON	380001A	10111LUP	JN-MN	471862	10129	C-R	471760V	101533	BU-SP	415379 <sup>28</sup>
100859	CUMMI	472705 <sup>28</sup>	10112	C-R	240462	10129	SKF	471760V	101533	BU-SP	455379
10087LPD	JN-MN	416921 <sup>28</sup>	10112	SKF	240462	101295C1	IH	473231 <sup>28</sup>	10153SA	TRSCM	471076 <sup>28</sup>
10087LPD	JN-MN	455011	1011-26-154	MAZDA	710320	10129LPD	JN-MN	417493	10154LUP	JN-MN	456641 <sup>29</sup>
10087LUP	JN-MN	416921 <sup>28</sup>	10112635	GMC	5778V	10129LUP	JN-MN	417493	10156051	GMC	4307V <sup>28</sup>
10087LUP	JN-MN	455011	10112663	GMC	7457N <sup>29</sup>	1012N	TIMKE	1012N	10157	C-R	472138 <sup>29</sup>
10088158	GMC	4359V	10114	C-R	471744 <sup>28</sup>	1013	STEM	370036A	10157	SKF	472138
10088158	GMC	5274	10114	SKF	471744	1013	STEM	370066A	101572TB	TRSCM	473380
1008VB7	MARI	415227 <sup>28</sup>	101147	CLARK	450067	1013	STEM	370349A	10158	C-R	471619 <sup>28</sup>
1009	STEM	370015A	101147	CLARK	473228	1013	STEM	380036A	10158	SKF	471619
100927	HK-SY	8907	101151	CLARK	471419	101300	MC-CL	340787	101584	MC-CL	340797
100944	CLARK	416271 <sup>28</sup>	101151	CLARK	473367 <sup>28</sup>	101303	MC-CL	450545	101590	CLARK	415036
100944	TIMKE	100944	10115744	GMC	4307V <sup>28</sup>	101305	MC-CL	471267 <sup>28</sup>	101590	TW-CO	415036
10096LPD	JN-MN	415551	101162	UNIVE	481650	101306	MC-CL	340817	10161250	UNIVE	415227 <sup>28</sup>
10096LUP	JN-MN	415551	101172	ALFAR	223520	101308	ALFAR	1174	10162078	GMC	474241V <sup>28</sup>
10097	CLARK	472015 <sup>28</sup>	10117728	GMC	3543	10131	C-R	471760	10162SB	TRSCM	471649 <sup>28</sup>
10097LPD	JN-MN	417344 <sup>28</sup>	10117767	GMC	5072	10131	SKF	471760	10162TB	TRSCM	471649 <sup>28</sup>
10097LPD	JN-MN	455006	10117848	GMC	710441	101311VL	TRSCM	342517	10163SM	TRSCM	471651
10097LUP	JN-MN	417344 <sup>28</sup>	101180	CUMMI	471984	101314	WHITE	370007A	10164LPD	JN-MN	412473 <sup>28</sup>
10097LUP	JN-MN	455006	101181	CUMMI	450185	1013166M1	MASSE	471869	10164LPD	JN-MN	415894
10099LPD	JN-MN	415551	101181	CUMMI	473229	1013166M1	MASSE	473459	10164LUP	JN-MN	412473 <sup>28</sup>
10099LUP	JN-MN	415551	101191	GMC	416239 <sup>28</sup>	1013166M2	MASSE	6988H	10164LUP	JN-MN	415894
10099P	IH	473447	1011J-1	OSHKO	415035 <sup>28</sup>	10132LPD	JN-MN	415371	10164SSTM	TRSCM	470219
100A03604	TROS	472705 <sup>28</sup>	1011J-1	OSHKO	455035	10132LUP	JN-MN	415371	10164T2	DIA	415995 <sup>28</sup>
100B02806	TROS	68635 <sup>28</sup>	1012	BR-WN	472560N <sup>28</sup>	10132SB	TRSCM	252277	10164T2	DIA	455013
100X120X12	TIMKE	100X120X12	1012	BR-WN	50151S	10132SB	TRSCM	441130 <sup>28</sup>	10164T2	WHITE	415995 <sup>28</sup>
100X120X12SC	TRSCM	100X120X12	1012	STEM	370023A	10132TBY	TRSCM	252277	10164T2	WHITE	455013
100X120X12TC	TRSCM	100X120X12	1012	STEM	370024A	101342	HU-WR	415036	10165LPD	JN-MN	415303 <sup>28</sup>
100X125X12	TIMKE	100X125X12	1012	STEM	370033A	101362	AM WH	415035 <sup>28</sup>	10165LUP	JN-MN	415303 <sup>28</sup>
100X125X12SC	TRSCM	100X125X12	1012	STEM	380023A	101362	AM WH	455035	101678A	WHITE	473517 <sup>28</sup>
100X125X12TC	TRSCM	100X125X12	10120LPD	JN-MN	412040	101366	MC-CL	473425	101679A	OLIVE	415281N
100X130X12SC	TRSCM	100X130X12 <sup>28</sup>	10120LUP	JN-MN	412040	101367	MC-CL	472164 <sup>28</sup>	101679A	WHITE	417349 <sup>28</sup>
100X130X12TC	TRSCM	100X130X12 <sup>28</sup>	1012141M1	MASSE	204002	101368	MC-CL	473425	10167T2	WHITE	417181 <sup>28</sup>
101	UNIVE	471735	101216	CLARK	416921 <sup>28</sup>	1014	STEM	370030A	10168	C-R	222630
1010	DEXTR	413470 <sup>28</sup>	101216	MIXMO	416921 <sup>28</sup>	10140	C-R	710844	10168	SKF	222630
1010	STEM	370013A	10121LPD	JN-MN	415449 <sup>28</sup>	10140	SKF	710844	101685	HU-WR	415379 <sup>28</sup>
10100LPD	JN-MN	55563	10121LUP	JN-MN	415449 <sup>28</sup>	10140533	GMC	3771	101685	HU-WR	455379
10100LUP	JN-MN	415563	10121LUP	JN-MN	455147	10140538	GMC	4333N	10168582	GMC	4359V
10100LUP	JN-MN	417433 <sup>28</sup>	10121VM	TRSCM	240731	10142LPD	JN-MN	416297	10169	ALLCH	455195
10101164	GMC	325776	1012219M1	MASSE	471750 <sup>28</sup>	10142TB	TRSCM	470120	10169	ALLCH	472157 <sup>28</sup>
101044	MC-CL	450545	1012253-5	MC-CL	340797	10142TB	TRSCM	470553	10169	TRAC	455195
101045	MC-CL	470506 <sup>28</sup>	101225E	MC-CL	340797	10142TBY	TRSCM	471224 <sup>28</sup>	10169	TRAC	472157 <sup>28</sup>
10106475	GMC	5072	10123	C-R	471760	10142TBY	TRSCM	471224V	101691A	OLIVE	472258 <sup>28</sup>
101082	COOK	456618	10123	SKF	471760	10142TBY	TRSCM	471224V	101691A	WHITE	472258 <sup>28</sup>
101083	WHELMA	416891 <sup>28</sup>	10124	C-R	471760	10142VTB	TRSCM	471224V	1016B	GOODM	470163
10108477	GMC	4359V	10124	SKF	471760	101448	CLARK	417351 <sup>28</sup>	1016B	GOODM	471766 <sup>28</sup>
1011004M1	MASSE	470120	101246	MC-CL	340385	101448	CLARK	455154	1017	STEM	370018A
1011004M1	MASSE	471224 <sup>28</sup>	1012461	MC-CL	340385	1014734	CINMI	450070	10171	GW	415035 <sup>28</sup>
1011035	WOOL	415960 <sup>28</sup>	10125	UNIVE	50445	1014734	CINMI	472185 <sup>28</sup>	10171	GW	455035
			101255	CLARK	415003	101497	CLARK	470163	101712A	WHITE	311189
						101497	CLARK	471766 <sup>28</sup>	1017293M1	MASSE	240356

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
10172LPD	JN-MN	470548	101929	CLARK	470530 <sup>28</sup>	102200	UNIVE	471762 <sup>28</sup>	1024387	DURA	473446
10172LPD	JN-MN	470625 <sup>28</sup>	10193TB	TRSCM	471744 <sup>28</sup>	102206	UNIVE	473420	1024388	DURA	471105 <sup>28</sup>
10172LUP	JN-MN	470548	1019646	DURA	350414	102207A	HARWA	10X22X7 <sup>28</sup>	10243965	GMC	9845
10172LUP	JN-MN	470625 <sup>28</sup>	1019646	DURA	472311 <sup>28</sup>	102207XX	TIMKE	10X22X7	10243TB	TRSCM	471516 <sup>28</sup>
10172TB	TRSCM	471689 <sup>28</sup>	1019S	TIMKE	1019	1022132	DURA	340483	10243TC	TRSCM	321516
10172TBY	TRSCM	471689 <sup>28</sup>	101VB7	MARI	470120	1022132	MOTO	340483	102443	CEMAC	473215 <sup>28</sup>
10172VAY	TRSCM	40230S	101VB7	MARI	471224 <sup>28</sup>	1022309	WOOL	416339	1024645	DURA	471733
10172VTB	TRSCM	471689V	102	DEXTR	440265	1022309	WOOL	455031 <sup>28</sup>	1024652	DURA	471652
10173	C-R	222630	102	UNIVE	470712 <sup>28</sup>	102265	HOUGH	417539 <sup>28</sup>	1024861	CANAD	J1103
10173	SKF	222630	102001	HOUGH	455186	102265H1	HOUGH	417539 <sup>28</sup>	10249LPD	JN-MN	417351 <sup>28</sup>
101732	FR-HT	41013S	102001H1	HOUGH	455186	10227	WITTE	415697 <sup>28</sup>	10249LPD	JN-MN	455154
101736	FORD	471192	10201LPD	JN-MN	416865 <sup>28</sup>	10227	WITTE	455547	10249LUP	JN-MN	417351 <sup>28</sup>
10173SA	TRSCM	471689	10201LUP	JN-MN	416865 <sup>28</sup>	10228655	GMC	710891	10249LUP	JN-MN	455154
10173TB	TRSCM	471744 <sup>28</sup>	10202TB	TRSCM	471760	102292	CLARK	450076	1025	STEM	370107A
10174VB	TRSCM	203005 <sup>28</sup>	10202VHY	TRSCM	40157S	102292	CLARK	470334 <sup>28</sup>	102507XX	TIMKE	10X25X7
10174VB	TRSCM	205005	10202VTB	TRSCM	471760V	10229LPD	JN-MN	471571 <sup>29</sup>	10250LPD	JN-MN	450154
10174VHY	TRSCM	204005	1020372	CANAD	416865 <sup>28</sup>	10229LUP	JN-MN	471571	10250LPD	JN-MN	473234
10176T2	WHITE	240735	102040	OPEL	710867	1023	STEM	370065A	10250LPD	JN-MN	450154
10177	C-R	26X37X7	10205	GW	471567 <sup>28</sup>	1023	STEM	370107A	10250LUP	JN-MN	473234
10177	SKF	26X37X7	102053	MC-CL	471443	1023	STEM	380065A	102513	HOUGH	417316 <sup>28</sup>
101773TA	TRSCM	470230	102053	MC-CL	481443 <sup>28</sup>	10234	DANMA	204002	102513	HOUGH	455004
101773TA	TRSCM	471689	10206	GW	470027	10234F	IH	450094	102513H1	HOUGH	417316 <sup>28</sup>
101779	HU-WR	471692 <sup>28</sup>	10206	GW	471554 <sup>28</sup>	10234F	IH	473462	102513H1	HOUGH	455004
10178	C-R	321516	102062SB	TRSCM	473420	1023564	DURA	470358	1025174M1	MASSE	6936S
10178	C-R	471516	10206D	IH	473447	1023564	DURA	473231 <sup>28</sup>	10252LPD	JN-MN	415219 <sup>29</sup>
10178	SKF	321516	102078	KELSE	204035	102361	CLARK	473464	10252LUP	JN-MN	415219
10178	SKF	471516	10207LPD	JN-MN	471870 <sup>28</sup>	1023682	CANAD	410520	10253	C-R	26X52X8
1017B	GOODM	471795	10207LPD	JN-MN	471883	1023682	CANAD	471272 <sup>28</sup>	10253	SKF	26X52X8
1018	STEM	370008A	10207LUP	JN-MN	471870 <sup>28</sup>	1023682	HK-SY	471272 <sup>28</sup>	1025354M1	MASSE	5092 <sup>30</sup>
1018	STEM	370009A	10207LUP	JN-MN	471883	1023684	CANAD	470898	10253LPD	JN-MN	473243 <sup>29</sup>
1018	STEM	380009A	10207P	IH	471570 <sup>28</sup>	10237	C-R	710553	10253LUP	JN-MN	473243
1018066M1	MASSE	471529	102087	CLARK	415003	10237	SKF	710553	102540	C-R	417570 <sup>29</sup>
10181	C-R	710316	102087	CLARK	415458 <sup>28</sup>	1023780	DURA	470027	102540	SKF	417570
10181	SKF	710316	10208LUP	JN-MN	415449 <sup>28</sup>	1023780	DURA	471554 <sup>28</sup>	1025-4873LUP	JN-MN	417570
1018103	DURA	470120	102092	GRAM	474276 <sup>28</sup>	1023781	DURA	470169	102553	GMC	417298
1018103	DURA	471224 <sup>28</sup>	1021	FMS	1021V	1023781	DURA	473214 <sup>28</sup>	1025611	CANAD	415447
101823	CINMI	450183	1021	STEM	370027A	1023782	DURA	450039	102577	MC-CL	481443 <sup>28</sup>
101823	CINMI	472179	102101	GRAM	410308 <sup>28</sup>	1023783	DURA	471231 <sup>28</sup>	10258LPD	JN-MN	417780
10183LPD	JN-MN	450593 <sup>28</sup>	102101	GRAM	450308	1023786	DURA	470567	10258LUP	JN-MN	417780
10183LUP	JN-MN	450593 <sup>28</sup>	102119	CLARK	415697 <sup>28</sup>	1023786	DURA	471267 <sup>28</sup>	10259LPD	JN-MN	450365
10184LPD	JN-MN	472029	102119	CLARK	455547	1023787	DURA	470712 <sup>28</sup>	10259LPD	JN-MN	470898
10184LUP	JN-MN	472029	102122	MICH	417570	1023869	CANAD	410316	10259LUP	JN-MN	450365
101868	MC-CL	350364	102157	CLARK	455556	1023869	CANAD	472636 <sup>28</sup>	10259LUP	JN-MN	470898
101872TB	TRSCM	471733	102168	UNIVE	470606 <sup>28</sup>	1023914	CANAD	472016 <sup>28</sup>	1026	STEM	370019A
10188	C-R	710399	1021688	CANAD	473204	1023914	HK-SY	472016 <sup>28</sup>	102602	HYST	455471
10188	SKF	710399	1021721	CANAD	471854 <sup>28</sup>	1023915	CANAD	472164 <sup>28</sup>	102607A	HARWA	10X26X7
1018B	GOODM	471801 <sup>28</sup>	1021743	CANAD	J1109	1023915	HK-SY	472164 <sup>28</sup>	102607XX	TIMKE	10X26X7
1018D	GOODM	471801 <sup>28</sup>	102175	MICH	471705 <sup>28</sup>	1023916	CANAD	471138 <sup>28</sup>	102610	CLARK	410308 <sup>28</sup>
101907XX	TIMKE	10X19X7	102175	UNIVE	471705 <sup>28</sup>	10240	FUNK	455200N	102610	CLARK	450308
10190LPD	JN-MN	476510	102178	MC-CL	240119	102407A	HARWA	10X24X7	102627	GMC	473466
10190LUP	JN-MN	476510	102182	UNIVE	450043	102407XX	TIMKE	10X24X7	10267LPD	JN-MN	415294 <sup>28</sup>
10191	C-R	26X42X10 <sup>28</sup>	102182	UNIVE	473419	102408A	OLIVE	416738 <sup>28</sup>	10267LPD	JN-MN	455294
10191	SKF	26X42X10	102183	MICH	450043	1024094	CANAD	417254	10267LUP	JN-MN	415294 <sup>28</sup>
1019.11	PEUGE	223005	102183	MICH	473419	1024116	CANAD	417134	10267LUP	JN-MN	455294
10191640	GMC	3945	102187	MICH	471735	1024125	CANAD	416380 <sup>28</sup>	102683	AM WH	472185 <sup>28</sup>
10191642	GMC	3945	102187	UNIVE	471735	1024126	CANAD	J1131	1026A3	WHITE	485195H
1019229M1	MASSE	470954 <sup>28</sup>	102198	MICH	450342	102430	MC-CL	471766 <sup>28</sup>	1026X1	PEERC	252277
101928	CLARK	473232 <sup>28</sup>	102198	UNIVE	450342 <sup>29</sup>	1024301	MC-CL	470163	102705	CLARK	450082
101929	CLARK	450085	1021V	TIMKE	1021V	1024301	MC-CL	471766 <sup>28</sup>	102705	CLARK	473238
			102200	MICH	471762 <sup>28</sup>	10243247	GMC	9845V	10272LPD	JN-MN	455328 <sup>29</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
10272LUP	JN-MN	455328	10304LUP	JN-MN	455009	103516A	OLIVE	471869	10384	BR-WN	472015 <sup>28</sup>
102766	US-EL	472951	10305LPD	JN-MN	418028	103516A	OLIVE	473459	10384LPD	JN-MN	415036
102766	US-EL	474252	10305LPD	JN-MN	455137 <sup>28</sup>	103516A	WHITE	471869	10384LUP	JN-MN	415036
102767	US-EL	474255	10305LUP	JN-MN	418028	103516A	WHITE	473459	103861	CLARK	40101S
102768	US-EL	473214 <sup>28</sup>	10305LUP	JN-MN	455137 <sup>28</sup>	103569	CLARK	353141 <sup>28</sup>	103862-1	CROWN	JV1371
102769	US-EL	450161	10306	WITTE	471750 <sup>28</sup>	1035972	DURA	471255 <sup>28</sup>	10389	FULLE	450400
102769	US-EL	471764 <sup>28</sup>	103062	ONAN	340385	1035972A	DURA	471255 <sup>28</sup>	103894	AIRCO	450085
102776	US-EL	472951	10306LPD	JN-MN	417196 <sup>28,29</sup>	1035972A	MOTO	471255 <sup>28</sup>	103894	AIRCO	470530 <sup>28</sup>
102776	US-EL	474252	10306LUP	JN-MN	417196 <sup>28</sup>	1035978	DURA	471643 <sup>28</sup>	1039	NATL	226020
1028	STEM	370007A	103079	CUMMI	473232 <sup>28</sup>	1035978A	DURA	471643 <sup>28</sup>	1039	NATL	60X80X8 <sup>28</sup>
1028	STEM	370019A	103080	CUMMI	450194	1035978A	MOTO	471643 <sup>28</sup>	103935	CLARK	415025
1028	STEM	370057A	103080	CUMMI	473010 <sup>28</sup>	1036	STEM	370001A	103939	GMC	417555 <sup>28</sup>
10283TB	TRSCM	472953	103081	CUMMI	39302	1036	STEM	370002A	103964	CLARK	40566S
10285LPD	JN-MN	415036 <sup>29</sup>	103082	CUMMI	471571	1036	STEM	370036A	103993	KELSE	3942
10285LUP	JN-MN	415036	103084	MC-CL	351267	1036	STEM	370132A	10399301	KELSE	3942
1028872	FMC	455018	103084	MC-CL	471267 <sup>28</sup>	1036	STEM	370179A	103-C6002	EIMCO	470045
1028872	FMC	476470	1031034	FORD	224650	1036	STEM	370349A	103-C6002	EIMCO	476838 <sup>28</sup>
10289LPD	JN-MN	471341 <sup>28</sup>	103115	GRAM	450183	1036	STEM	380001A	103D6	WHITE	5751
10289LUP	JN-MN	471341 <sup>28</sup>	103115	GRAM	472179	1036	STEM	380036A	103E27	EIMCO	417344 <sup>28</sup>
1028A2	WHITE	450085	10311LPD	JN-MN	455330 <sup>28</sup>	1036	TIMKE	1036	103E27	EIMCO	455006
1028A2	WHITE	470530 <sup>28</sup>	10311LUP	JN-MN	455330 <sup>28</sup>	103604	AIRCO	415295	103VB7	MARI	470163
10293	CASE	450115	103136R	US-EL	340817	103641	CLARK	471264 <sup>28</sup>	103VB7	MARI	471766 <sup>28</sup>
10293	CASE	473467	103182	UNIVE	450044	10364LPD	JN-MN	416664 <sup>28</sup>	104	DEXTR	442251
102936H1	HOUGH	450085	103183	MICH	450044	10364LPD	JN-MN	455364	104	UNIVE	470163
102936H1	HOUGH	470530 <sup>28</sup>	103185	CLARK	417181 <sup>28</sup>	10364LUP	JN-MN	416664 <sup>28</sup>	104	UNIVE	471766 <sup>28</sup>
102936H1	IH	450085	10320	US-EL	451583 <sup>28</sup>	10364LUP	JN-MN	455364	1040	YARD	471570 <sup>28</sup>
102936H1	IH	470530 <sup>28</sup>	103200	MICH	450159	103650	CLARK	450083	104037	FR-HT	41787S
102940	MC-CL	481073	103200	UNIVE	450159	103650	CLARK	472924 <sup>28</sup>	10403LPD	JN-MN	471231 <sup>28</sup>
1029402	MC-CL	481073	10321	US-EL	450400	10365A	NOK	5126	10404	CR-CF	417191
10294B1	DIA	417267	103223	CLARK	417210 <sup>28</sup>	10368	BR-WN	410102	104046	CLARK	240319
102963	HOUGH	450085	10324	US-EL	450316	103681	CLARK	40101S	104046X03	TROS	7929S
102963	HOUGH	470530 <sup>28</sup>	10324	US-EL	472636 <sup>28</sup>	1036836M1	MASSE	441853	10404802	TROS	240816
102976	HOUGH	450070	10325	GW	415088 <sup>28</sup>	103686	CLARK	456105	10404LPD	JN-MN	470169
102976	HOUGH	472185 <sup>28</sup>	10325	GW	455088	1036RC	SUL	473460	10404LPD	JN-MN	473214
102976H1	HOUGH	450070	103254A	OLIVE	471192	1037	STEM	370037A	10404LUP	JN-MN	470169
102976H1	HOUGH	472185 <sup>28</sup>	103254A	WHITE	471192	1037	STEM	370048A	10404LUP	JN-MN	473214
102979	MC-CL	471267 <sup>28</sup>	103330R1	IH	470059	1037	STEM	370182A	10405LPD	JN-MN	474274
102999	CUMMI	473211 <sup>28</sup>	103330R1	IH	470380 <sup>28</sup>	1037	STEM	370338A	10405LUP	JN-MN	474274
102VB7	MARI	471760	103331R91	IH	450082	1037	STEM	380048A	1040600	MERIX	4564V
103	DEXTR	441319	103331R91	IH	473238	1037	TIMKE	1037	104062	CLARK	450472 <sup>28</sup>
103	UNIVE	471765 <sup>28</sup>	10333LUP	JN-MN	416657	10371LPD	JN-MN	417603 <sup>28</sup>	10406LPD	JN-MN	471763
103006	COOK	415991	103341	HU-WR	415147	10371LUP	JN-MN	417603 <sup>28</sup>	10406LUP	JN-MN	471763
103006	COOK	455146 <sup>28</sup>	103341	HU-WR	415449 <sup>28</sup>	103730A	OLIVE	456105	104078	FR-HT	204017
103015	COOK	415196 <sup>28</sup>	10334LPD	JN-MN	416891 <sup>28,29</sup>	103730A	WHITE	456105	10410	BU-SP	471570 <sup>28</sup>
10301LPD	JN-MN	411253 <sup>28</sup>	10334LUP	JN-MN	416891 <sup>28</sup>	103734	KELSE	471192	104125	MICH	415227 <sup>28</sup>
10301LPD	JN-MN	450099	10336LPD	JN-MN	17X40X7 <sup>29</sup>	1037464M1	MASSE	200861	104156	CLARK	455019 <sup>28</sup>
10301LUP	JN-MN	411253 <sup>28</sup>	10336LUP	JN-MN	471579	10379LPD	JN-MN	416239 <sup>28,29</sup>	104156	MICH	350156
10301LUP	JN-MN	450099	1033865	CORTE	710619	10379LUP	JN-MN	416239 <sup>28</sup>	104156	MICH	473096
103027	COOK	417343 <sup>28</sup>	1034	STEM	370012A	1038	TIMKE	1038	10416	FULLE	415991 <sup>28</sup>
10302LPD	JN-MN	417361	1034398	DURA	350414	103802	HU-WR	471765 <sup>28</sup>	10416	FULLE	415991N
10302LUP	JN-MN	417361	1034398	DURA	472311 <sup>28</sup>	103805	HU-WR	415442 <sup>28</sup>	104175	UNIVE	470189
103034	COOK	415991	1034557	DURA	340483	10380LPD	JN-MN	450070	104175	UNIVE	471692 <sup>28</sup>
103034	COOK	455146 <sup>28</sup>	1034557	MOTO	340483	10380LPD	JN-MN	472185 <sup>28</sup>	104181R91	IH	6863S <sup>28</sup>
10303LPD	JN-MN	416666	10345LPD	JN-MN	410496 <sup>28</sup>	10380LUP	JN-MN	450070	104182	UNIVE	470045
10303LUP	JN-MN	416666	10345LUP	JN-MN	410496 <sup>28</sup>	10380LUP	JN-MN	472185 <sup>28</sup>	104182	UNIVE	476838 <sup>28</sup>
103047	FR-HT	450117	103465	CLARK	417171 <sup>28</sup>	10381	MWKEL	5857	104183	MICH	470045
103047	FR-HT	472572 <sup>28</sup>	103474	FR-HT	417343 <sup>28</sup>	10381LPD	JN-MN	455330 <sup>28</sup>	104183	MICH	476838 <sup>28</sup>
10304LPD	JN-MN	415960	10347LPD	JN-MN	455123	10381LUP	JN-MN	455330 <sup>28</sup>	104187	MICH	470712 <sup>28</sup>
10304LPD	JN-MN	455009	10347LUP	JN-MN	455123	10382LPD	JN-MN	415142	104187	UNIVE	470712 <sup>28</sup>
10304LUP	JN-MN	415960	1035055	BENDI	340385	10382LUP	JN-MN	415142	10418LPD	JN-MN	450316

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
10418LPD	JN-MN	472636 <sup>28</sup>	104603H1	HOUGH	415449 <sup>28</sup>	105086	KELSE	204029	105437A	OLIVE	40140S
10418LUP	JN-MN	450316	104603H1	IH	415147	105086	KELSE	204507 <sup>28</sup>	105440R91	IH	410316
10418LUP	JN-MN	472636 <sup>28</sup>	104603H1	IH	415449 <sup>28</sup>	10509	LEMCO	412119 <sup>28</sup>	105440R91	IH	472636 <sup>28</sup>
104198	MICH	471747 <sup>28</sup>	104610	US-EL	340413	10509	LEMCO	450101	105441	HU-WR	471689 <sup>28</sup>
104198	MICH	472674	104620	HOUGH	450083	105094	DENCO	470358	105442H	IH	473016 <sup>28</sup>
104198	UNIVE	471747 <sup>28</sup>	104620	HOUGH	472924 <sup>28</sup>	105094	DENCO	473231 <sup>28</sup>	105442R91	IH	410987 <sup>28</sup>
104198	UNIVE	472674	104620H1	HOUGH	415082	10509LUP	JN-MN	415076	105442R91	IH	450686
104200	MICH	471763	104634	SPICE	415001 <sup>28</sup>	10-51	DEXTR	370150A	105443R91	IH	417316 <sup>28</sup>
104200	UNIVE	471763	104634	SPICE	455001	10513LPD	JN-MN	410737 <sup>28</sup>	105445R91	IH	475009N
104206	MICH	471785 <sup>28</sup>	10464	IH	471689 <sup>28</sup>	10513LPD	JN-MN	450737	105466	EATON	415458 <sup>28</sup>
104206	UNIVE	471785 <sup>28</sup>	10464R	IH	471689 <sup>28</sup>	10513LUP	JN-MN	410737 <sup>28</sup>	105496	HU-WR	450301
1042599	FMC	450083	104662	STAND	472164 <sup>28</sup>	10513LUP	JN-MN	450737	105496	HU-WR	472397 <sup>28</sup>
1042599	FMC	472924 <sup>28</sup>	10468	MWKEL	6597S	105142173001	ALFAR	224100	105497	HU-WR	417073
10426LPD	JN-MN	471354 <sup>28</sup>	1047	STEM	370029A	10515	C-R	9376	105504	PREST	350364
10426LUP	JN-MN	471354 <sup>28</sup>	104705	HOUGH	450183	10515	SKF	9376	10551SS	JN-MN	331107N
10427	BR-WN	416364 <sup>28</sup>	104705	HOUGH	472179	105182	UNIVE	450482	105523	OLIVE	411253 <sup>28</sup>
1042804	FMC	240414	104705H	HOUGH	450183	105198	MICH	473428 <sup>29</sup>	105523	OLIVE	450099
104288	CLARK	473016 <sup>28</sup>	104705H	HOUGH	472179	105198	UNIVE	473428 <sup>29</sup>	10-56	DEXTR	370014A
1043	STEM	370012A	104705H2	IH	472179	105199R91	IH	474278	105623	HU-WR	470351
1043	STEM	370015A	10470LPD	JN-MN	415047	105199R91	IH	480356	105623	HU-WR	471504 <sup>28</sup>
1043	STEM	370086A	10470LUP	JN-MN	415047	1052	STEM	370145A	10562A	FULLE	412871 <sup>28</sup>
1043	STEM	370192A	104711	HOUGH	473460	105200	MICH	450161	10562A	FULLE	450329
10432LPD	JN-MN	410520	104711H1	HOUGH	472394	105200	MICH	471764 <sup>28</sup>	105640117700	ALFAR	228480
10432LPD	JN-MN	471272 <sup>28</sup>	104718	HOUGH	471689 <sup>28</sup>	105200	UNIVE	450161	105640117707	ALFAR	228480
10432LUP	JN-MN	410520	104718H1	HOUGH	471689 <sup>28</sup>	105200	UNIVE	471764 <sup>28</sup>	105674H	IH	412920 <sup>28</sup>
10432LUP	JN-MN	471272 <sup>28</sup>	104718H1	IH	471689 <sup>28</sup>	105206	MICH	473427	105683A	OLIVE	471529
10433	BR-WN	J1138	10471LPD	JN-MN	416167 <sup>28</sup>	105206	UNIVE	473427	10569LPD	JN-MN	474255
104372	MC-CL	470380 <sup>28</sup>	10471LPD	JN-MN	455091	10520F	IH	470088	10569LUP	JN-MN	474255
104381	KELSE	6906S	10471LUP	JN-MN	416167 <sup>28</sup>	10524LPD	JN-MN	470950 <sup>28</sup>	105725	OLIVE	472144 <sup>28</sup>
104396	GMC	470027	10471LUP	JN-MN	455091	10524LPD	JN-MN	6241S	10575F	IH	473211 <sup>28</sup>
104396	GMC	471554 <sup>28</sup>	10474LPD	JN-MN	450307	10524LUP	JN-MN	470950 <sup>28</sup>	10579	C-R	27X37X7
1043RC	SUL	470064	10474LUP	JN-MN	450307	10524LUP	JN-MN	6241S	10579	SKF	27X37X7
1043RC	SUL	471821 <sup>28</sup>	104758	CUMMI	450441	10525SS	JN-MN	40652S	10581	C-R	450188
1043RING	STEM	370192A	104758	CUMMI	471341 <sup>28</sup>	105267R91	IH	450095	10581	SKF	450188
104432	HOUGH	470059	1048	STEM	370025A	105267R91	IH	473464 <sup>28</sup>	10583	C-R	3732S
104432	HOUGH	470380 <sup>28</sup>	1048	STEM	380025A	105272R91	IH	350414	10583	SKF	3732S
104436	HOUGH	450183	1048	STEM	386025A	105272R91	IH	472311 <sup>28</sup>	10583F	IH	450039
104436	HOUGH	472179	10482LPD	JN-MN	415047 <sup>29</sup>	105279R91	IH	450400	10584	C-R	712009
104437	HOUGH	450082	10482LUP	JN-MN	415047	10527LPD	JN-MN	473461 <sup>28</sup>	10584	SKF	712009
104437	HOUGH	473238	1048572	FORD	3393	10527LUP	JN-MN	473461 <sup>28</sup>	10584F	IH	471795
10443LPD	JN-MN	417258	10485LPD	JN-MN	472258 <sup>28,29</sup>	105281R91	IH	340413	10598	C-R	471651
10443LUP	JN-MN	417258	10485LUP	JN-MN	472258 <sup>28</sup>	10528LPD	JN-MN	417344 <sup>28</sup>	10598	SKF	471651
10447	BR-WN	415146 <sup>28</sup>	1049	TIMKE	1049	10528LPD	JN-MN	455006	105987R91	IH	473228 <sup>28</sup>
10447	BR-WN	415991	104923R91	IH	450400	10528LUP	JN-MN	417344 <sup>28</sup>	10598LPD	JN-MN	417551
104470	CLARK	471344	10494	C-R	710157	10528LUP	JN-MN	455006	10598LUP	JN-MN	417551
104511	CLARK	411376 <sup>28</sup>	10494	SKF	710157	1052A096	MITSU	710900	10599500	JA-HE	351267
104511	CLARK	455093	10496	CASE	240385	1052A118	CHRYS	710767	10599500	JA-HE	471267 <sup>28</sup>
1045273	WHITE	370003A	10496	IH	413469 <sup>28</sup>	1052A118	MITSU	710767	10599501	JA-HE	351267
1045273	WHITE	380003A	104969	AM WH	473242	1052A149	MITSU	224200	10599501	JA-HE	471267 <sup>28</sup>
104541	CLARK	411376 <sup>28</sup>	10496F	IH	413469 <sup>28</sup>	1052A768	MITSU	710620	105X125X13	TIMKE	105X125X13
104541	CLARK	455093	104997	CLARK	415023	1052A809	MITSU	224200	105X125X13SC	TRSCM	105X125X13
10454LPD	JN-MN	417507 <sup>28</sup>	105	UNIVE	473211 <sup>28</sup>	1052A824	MITSU	710882	105X125X13TC	TRSCM	105X125X13
10454LPD	JN-MN	455513	105000117600	ALFAR	223520 <sup>28</sup>	1052B188	MITSU	710900	105X130X12	TIMKE	105X130X12
10454LUP	JN-MN	417507 <sup>28</sup>	105000117602	ALFAR	223520	1053	STEM	370036A	105X130X12SC	TRSCM	105X130X12
10454LUP	JN-MN	455513	10500LPD	JN-MN	474255	1053	STEM	370349A	105X130X12TC	TRSCM	105X130X12
104564	HOUGH	473215 <sup>28</sup>	10500LUP	JN-MN	474255	1053	STEM	380036A	105X140X12	TIMKE	105X140X12
104564H1	HOUGH	473215 <sup>28</sup>	1050-14018STLPD	JN-MN	415227 <sup>28</sup>	105415	OLIVE	417262 <sup>28</sup>	105X140X12SC	TRSCM	105X140X12
104603	HOUGH	415147	1050-17476LDS	JN-MN	415227 <sup>28</sup>	105415	OLIVE	455448	105X140X12TC	TRSCM	105X140X12
104603	HOUGH	415449 <sup>28</sup>	10506	FULLE	451143	105416	OLIVE	417262 <sup>28</sup>	106	UNIVE	471192
104603H1	HOUGH	415147	105070	GMC	417602 <sup>28</sup>	105416	OLIVE	455448	10600	FI-CO	470347

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
10600	FI-CO	474254 <sup>28</sup>	106277	CUMMI	472185 <sup>28</sup>	10681	SKF	473419	10733	C-R	450342 <sup>29</sup>
10602	FI-CO	471344	106278	CUMMI	470530 <sup>28</sup>	10682LPD	JN-MN	471765 <sup>28</sup>	10733	SKF	450342
106092	CLARK	415263	106296	CLARK	450867	10682LUP	JN-MN	471765 <sup>28</sup>	1073300051	MERCE	1012N
1061	NATL	224045	106296	CLARK	470898	10684S	NATL	8160S	107358	CLARK	370166A <sup>29</sup>
1061002	LILIS	410496 <sup>28</sup>	1063	STEM	370002A	10685	C-R	27X47X10	107359C1	IH	5723
1061013	LILIS	473227 <sup>28</sup>	1063	STEM	370165A	10685	SKF	27X47X10	10737ST	JN-MN	416891 <sup>28</sup>
106127	CLARK	450389	1063	STEM	370169A	106852	EATON	450121	107386	HU-WR	415013
106127	CLARK	472492 <sup>28</sup>	10632	C-R	470606 <sup>28</sup>	106852	EATON	472409 <sup>28</sup>	107386	HU-WR	415995 <sup>28</sup>
106142SB	TRSCM	480210 <sup>28</sup>	10632	SKF	470606	10687	FI-CO	471765 <sup>28</sup>	107391	CLARK	416125 <sup>28</sup>
106143	FREIG	471267 <sup>28</sup>	106339	CUMMI	473016 <sup>28</sup>	106919	CLARK	415991	10740	C-R	471762 <sup>29</sup>
106162SB	TRSCM	471651	10634	C-R	222743	106919	CLARK	455146 <sup>28</sup>	10740	SKF	471762
106162SB	TRSCM	481650	10634	SKF	222743	1 069 295	FORD	100944	1 074 626	FORD	710618
1 061 678	FORD	100944	10635LDS	JN-MN	416664 <sup>28</sup>	106949R91	IH	417316 <sup>28</sup>	107494	KELSE	473463
10616SS	JN-MN	471692 <sup>28,29</sup>	1064	STEM	370014A	106949R91	IH	455004	10749LPD	JN-MN	470219
1061822SL	TRSCM	450043	1064	STEM	370046A	106955	HOUGH	410163	10749LPD	JN-MN	471649 <sup>28</sup>
106182SB	TRSCM	471735	10640	C-R	1990	106955	HOUGH	471766 <sup>28</sup>	10749LUP	JN-MN	470219
10618SS	JN-MN	40301S	10640	SKF	1990	106955H1	HOUGH	410163	10749LUP	JN-MN	471649 <sup>28</sup>
106192SB	TRSCM	450342	1064730	CHRYSL	6186	106955H1	HOUGH	471766 <sup>28</sup>	1074LPD	JN-MN	450307 <sup>29</sup>
106198	MICH	473426	1065	TIMKE	41X56X7 <sup>28</sup>	10698	JN-MN	55103S	1074LUP	JN-MN	450307
106198	UNIVE	473426 <sup>29</sup>	1065079	GMC	225230	10698LPD	JN-MN	55103S	1075-16530LDS	JN-MN	416383
10619SS	JN-MN	415449 <sup>28</sup>	1065079	GMC	52X72X8 <sup>28</sup>	106W212	CONE	5168	10751LPD	JN-MN	470120
1062	STEM	370047A	1065148	FORD	710808	107	C-R	5419	10751LPD	JN-MN	471224 <sup>28</sup>
106200	MICH	471765 <sup>28</sup>	10653	C-R	471705 <sup>28</sup>	107	DEXTR	415137 <sup>28</sup>	10751LUP	JN-MN	470120
106200	UNIVE	471765 <sup>28</sup>	10653	SKF	471705	107	DEXTR	418028	10751LUP	JN-MN	471224 <sup>28</sup>
106201	CLARK	415371	1065K	MINNM	470045	107	SKF	5419	10753LPD	JN-MN	470403
106202SB	TRSCM	471762 <sup>28</sup>	1065K	MINNM	476838 <sup>28</sup>	107	UNIVE	473226	10753LPD	JN-MN	470774 <sup>28</sup>
106206	MICH	471354 <sup>28</sup>	1066	STEM	370195A	10700	C-R	471735	10753LUP	JN-MN	470403
106206	UNIVE	471354 <sup>28</sup>	1 066 056	FORD	710618	10700	SKF	471735	10753LUP	JN-MN	470774 <sup>28</sup>
106212	MICH	473205	10661	C-R	1990	10700LPD	JN-MN	455123 <sup>29</sup>	107551	CONME	370001A
106212	UNIVE	473205	10661	SKF	1990	10700LUP	JN-MN	455123	107551	CONME	380001A
106216R91	IH	350414	10663	C-R	222745	10701LPD	JN-MN	416738 <sup>28</sup>	107552	CONME	370003A
106216R91	IH	472311 <sup>28</sup>	10663	C-R	27X45X8	10701LPD	JN-MN	450096	107552	CONME	380003A
106218R91	IH	474278	10663	SKF	222745	10701LUP	JN-MN	416738 <sup>28</sup>	107552A	OLIVE	472492 <sup>28</sup>
106218R91	IH	480356	10663	SKF	27X45X8	10701LUP	JN-MN	450096	107552A	WHITE	472492 <sup>28</sup>
106219R91	IH	474276 <sup>28</sup>	10666	C-R	222745	10707	CHAMP	412871 <sup>28</sup>	107553	CONME	370025A
10622	CHAMP	415458 <sup>28</sup>	10666	SKF	222745	10707	CHAMP	450329	107553	CONME	380025A
10622	CHAMP	455003	106661	HU-WR	416297	10708	CHAMP	470898	107554	CONME	370065A
106220R91	IH	450400	106691	HOUGH	471192	107084	KELSE	JV1166	107554	CONME	376590A
106225	MICH	474255	106691H1	HOUGH	471192	107097	CLARK	450472 <sup>28</sup>	107554	CONME	380065A
106225	UNIVE	474255	106691H1	IH	471192	107099H	IH	450117	10755K	CASE	40140S
106225R91	IH	472560N <sup>28</sup>	106692	GR-DV	455079 <sup>28</sup>	107099H	IH	472572 <sup>28</sup>	10755LPD	JN-MN	450389
106225R91	IH	50151S	1067	F-R-H	470059	1070T-2	WHITE	470120	10755LPD	JN-MN	472492 <sup>28</sup>
10623G	OSHKO	416556 <sup>28</sup>	1067	F-R-H	470380 <sup>28</sup>	1070T-2	WHITE	471224 <sup>28</sup>	10755LUP	JN-MN	450389
10623G	OSHKO	472157	1067	STEM	370069A	107105H1	IH	471554 <sup>28</sup>	10755LUP	JN-MN	472492 <sup>28</sup>
10623SS	JN-MN	40316S	1067	STEM	380069A	107105S	HOUGH	470027	10756LPD	JN-MN	450115
106241	HU-WR	417351 <sup>28</sup>	10670	CASE	412119 <sup>28</sup>	107105S	HOUGH	471554 <sup>28</sup>	10756LPD	JN-MN	473467
106241	HU-WR	455154	10670	CASE	450101	107162A	OLIVE	471138 <sup>28</sup>	10756LUP	JN-MN	450115
10625	C-R	222742	1 067 029	FORD	710550	107162A	WHITE	471138 <sup>28</sup>	10756LUP	JN-MN	473467
10625	C-R	27X42X7 <sup>28</sup>	106706	CLARK	470565 <sup>28</sup>	107198	CLARK	471316	10757	CHAMP	471466 <sup>28</sup>
10625	SKF	222742	10672	CASE	327303 <sup>28</sup>	107198	UNIVE	450048 <sup>29</sup>	10757LPD	JN-MN	450301
10625	SKF	27X42X7	106720	HOUGH	350954	107200	MICH	450173	10757LPD	JN-MN	472397 <sup>28</sup>
10627	C-R	222742	106720	HOUGH	470954 <sup>28</sup>	107200	UNIVE	450173	10757LUP	JN-MN	450301
10627	SKF	222742	106726	FUNK	415138 <sup>28</sup>	107202	CLARK	417556	10757LUP	JN-MN	472397 <sup>28</sup>
106272	CUMMI	473228 <sup>28</sup>	106737R91	IH	474278	107216	CUMMI	470059	107591	C-R	416383
106273	CUMMI	451857	106737R91	IH	480356	107216	CUMMI	470380 <sup>28</sup>	107591	SKF	416383
106274	CUMMI	470077	106738R91	IH	323138 <sup>28</sup>	107220	CLARK	415327	10761LPD	JN-MN	417316 <sup>28</sup>
106274	CUMMI	474281 <sup>28</sup>	106739R91	IH	474276 <sup>28</sup>	107224	US-EL	471647	10761LPD	JN-MN	455004
106275	CUMMI	471419	10680401	KELSE	470547	10724	US-EL	471647	10761LUP	JN-MN	417316 <sup>28</sup>
106275	CUMMI	473367 <sup>28</sup>	106806	HU-WR	417198	107249	CLARK	6584S	10761LUP	JN-MN	455004
106276	CUMMI	472164 <sup>28</sup>	10681	C-R	473419 <sup>28</sup>	1072YX	IH	450143	107621A	OLIVE	417344 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
107621A	WHITE	417344 <sup>2B</sup>	108144	AM WH	471649 <sup>2B</sup>	10859LPD	JN-MN	455031 <sup>2B</sup>	109198	MICH	470050
10763	EATON	450095	10815P	IH	470086	10859LUP	JN-MN	416339	109198	UNIVE	470050 <sup>29</sup>
10763	EATON	473464 <sup>2B</sup>	10816	GR-DV	417604	10859LUP	JN-MN	455031 <sup>2B</sup>	109200	MICH	473424 <sup>2B</sup>
10766	C-R	473420 <sup>29</sup>	10816	SEALR	471733	1086058M1	MASSE	470548	109200	UNIVE	473424 <sup>2B</sup>
10766	SKF	473420	10817	SEALR	470045	1086058M1	MASSE	470625 <sup>2B</sup>	1092097M1	MASSE	472439
1077	STEM	370028A	10817	SEALR	476838 <sup>2B</sup>	10860LPD	JN-MN	472012	10921767	GMC	417343 <sup>2B</sup>
107720	CLARK	415035 <sup>2B</sup>	10818	SEALR	470712 <sup>2B</sup>	10860LUP	JN-MN	472012	10922	C-R	712008
107720	CLARK	455035	108198	MICH	471750 <sup>2B</sup>	108653	CLARK	415351 <sup>2B</sup>	10922	SKF	712008
107732R1	IH	474276 <sup>2B</sup>	108198	UNIVE	471750 <sup>2B</sup>	1086758M1	MASSE	470219	10922155	WHITE	485195H
107732R91	IH	474276 <sup>2B</sup>	10820	GR-DV	417567	1086758M1	MASSE	471649 <sup>2B</sup>	109224	HYST	471744 <sup>2B</sup>
107744A	WHITE	415960	10820	SEALR	471763	108679	CLARK	416039	10923	C-R	710325
107745A	WHITE	472572 <sup>2B</sup>	108200	MICH	470163	108696	SIMPL	342805	10923	SKF	710325
107754A	OLIVE	471801 <sup>2B</sup>	108200	MICH	471766 <sup>2B</sup>	10869LPD	JN-MN	417480 <sup>2B</sup>	10924	C-R	28X38X7 <sup>2B</sup>
1078	ALLCH	415281N	108200	UNIVE	470163	10869LPD	JN-MN	455860	10924	SKF	28X38X7
1078	NATL	224040	108200	UNIVE	471766 <sup>2B</sup>	10869LUP	JN-MN	417480 <sup>2B</sup>	10927	C-R	710119
1078	NATL	40X60X10 <sup>2B</sup>	108206	MICH	471787 <sup>2B</sup>	10869LUP	JN-MN	455860	10927	SKF	710119
1078	TRAC	415281N	108206	UNIVE	471787 <sup>2B</sup>	108705	CLARK	415072	1093	STEM	370021A
10784	EATON	100495	108210	UNIVE	450177 <sup>29</sup>	108735C1	IH	472164 <sup>2B</sup>	1093	STEM	370022A
10784	EATON	415281N	108211	MICH	450177	10875104	NAPCO	412871 <sup>2B</sup>	1093	STEM	370124A
10784	FULLE	100495	108212	MICH	471795	10875104	NAPCO	450329	1093	STEM	370131A
10784	FULLE	415281N	108212	UNIVE	471795	108773	AM WH	417247 <sup>2B</sup>	1093	STEM	370178A
107885	HOUGH	417316 <sup>2B</sup>	108225	MICH	471801 <sup>2B</sup>	10877SS	JN-MN	474278 <sup>2B</sup>	1093	STEM	380022A
107885	HOUGH	455004	108225	UNIVE	471801 <sup>2B</sup>	10877SS	JN-MN	480356	1093	STEM	380131A
1079	STEM	370003A	108244	MICH	471818	1088	ALLCH	473461 <sup>2B</sup>	10930	C-R	2503N
1079	STEM	370005A	10826	SEALR	470163	1088	B-L-H	415124	10930	SKF	2503N
1079	STEM	370006A	10826	SEALR	471766 <sup>2B</sup>	1088	STEM	370031A	1093006M1	MASSE	415072
1079	STEM	370173A	10827	SEALR	473211 <sup>2B</sup>	1088	STEM	380031A	10931	C-R	712008
1079	STEM	380003A	108294	EATON	473235 <sup>2B</sup>	1088	TRAC	473461 <sup>2B</sup>	10931	SKF	712008
107904	CLARK	415035 <sup>2B</sup>	108294H	IH	473235 <sup>2B</sup>	108806H1	HOUGH	476470	109314	HOUGH	415001 <sup>2B</sup>
107904	CLARK	455035	10830	TMTR	471192	108811C1	IH	5723	109314	HOUGH	455001
107972	CLARK	415379 <sup>2B</sup>	108309	CLARK	416149	1088312M1	MASSE	7700S <sup>2B</sup>	109314H1	HOUGH	415001 <sup>2B</sup>
107972	CLARK	455379	10831	SEALR	480630 <sup>2B</sup>	1088602	CHRY	6186	109314H1	HOUGH	455001
107974	AM WH	471472 <sup>2B</sup>	108313	CLARK	415263	10887434	CHRY	450867	109315	HOUGH	475012N
10797LPD	JN-MN	470605 <sup>2B,29</sup>	108339	CLARK	416149	10887434	CHRY	470898	10932	C-R	222820
10797LUP	JN-MN	470605 <sup>2B</sup>	10833SS	JN-MN	40140S	1089	STEM	370120A	10932	SKF	222820
108	UNIVE	450067	10834	SEALR	470059	10891	BU-SP	470625 <sup>2B</sup>	109322	HOUGH	415138 <sup>2B</sup>
108	UNIVE	473228	10834	SEALR	470380 <sup>2B</sup>	10892	BU-SP	456105	109322H1	HOUGH	415138 <sup>2B</sup>
1080	GR-DV	417602 <sup>2B</sup>	10837	CLARK	470565 <sup>2B</sup>	10893	BU-SP	471267 <sup>2B</sup>	109322H1	IH	415138 <sup>2B</sup>
10803006	TROS	470004 <sup>2B</sup>	108374	CLARK	470565 <sup>2B</sup>	10898	EATON	450082	10933	FITZ	5095
10803204	TROS	471526 <sup>2B</sup>	1084	SEALR	470027	10898	EATON	473238	10934	C-R	712008
10803205	TROS	471526 <sup>2B</sup>	1084	SEALR	471554 <sup>2B</sup>	108A03604	TROS	471281 <sup>2B</sup>	10934	SKF	712008
10803406	TROS	471530	10840	SEALR	450117	109	UNIVE	470682	109352	GOODM	417481
108035	CLARK	415995 <sup>2B</sup>	10840	SEALR	472572 <sup>2B</sup>	109000	HYST	474276 <sup>2B</sup>	109352	JEFF	417481
108035	CLARK	455013	10841	SEALR	450301	109027	CANAD	8907	109353	GOODM	413478
10803606	TROS	471281 <sup>2B</sup>	10841	SEALR	472397 <sup>2B</sup>	10904LPD	JN-MN	471553 <sup>2B</sup>	109356	US-EL	450194
10803806	TROS	471532	108463	HU-WR	6590S	10904LUP	JN-MN	471553 <sup>2B</sup>	109356	US-EL	473010 <sup>2B</sup>
10804004	TROS	471466 <sup>2B</sup>	10846SS	JN-MN	415379	1090672	CHRY	475009N	10936	C-R	1990
10804005	TROS	471466 <sup>2B</sup>	10847	SEALR	417316 <sup>2B</sup>	109070	CLARK	416921 <sup>2B</sup>	10936	SKF	1990
10804006	TROS	471466 <sup>2B</sup>	10847	SEALR	455004	109070	CLARK	455011	10937	C-R	222835
10804205	TROS	481528	1085	STEM	370034A	109099	FORD	6336S	10937	SKF	222835
10804406	TROS	471529	1085272M1	MASSE	470954 <sup>2B</sup>	109099	OLIVE	6336S	10938	C-R	222835
10804803	TROS	1049	10854ST	JN-MN	416476 <sup>2B</sup>	1091	STEM	370023A	10938	SKF	222835
10805602	TROS	240733	10854ST	JN-MN	455075	1091	STEM	370024A	10939	C-R	222820
108092R91	IH	450084 <sup>2B</sup>	10855LPD	JN-MN	472354 <sup>2B</sup>	1091	STEM	380023A	10939	SKF	222820
10811	SEALR	470590	10855LPD	JN-MN	50395S	10910LPD	JN-MN	415483 <sup>2B</sup>	1094	STEM	370003A
10812	SEALR	451583 <sup>2B</sup>	10855LUP	JN-MN	472354 <sup>2B</sup>	10910LPD	JN-MN	455368	1094	STEM	370005A
10814	SEALR	470219	10855LUP	JN-MN	50395S	10910LUP	JN-MN	415483 <sup>2B</sup>	1094	STEM	380003A
10814	SEALR	471649 <sup>2B</sup>	1085688M1	MASSE	472185 <sup>2B</sup>	10910LUP	JN-MN	455368	10944	C-R	222830
108144	AM WH	470219	108574H1	HOUGH	471442 <sup>2B</sup>	109119R91	IH	471413 <sup>2B</sup>	10944	SKF	222830
			10859LPD	JN-MN	416339	10911LPD	JN-MN	413470 <sup>2B</sup>	10945	BU-SP	412119 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
10945	BU-SP	450101	1096669	FORD	710798	10A19720	MINNM	416664 <sup>28</sup>	10A36	AAMCO	9613S
109451X	GRAM	471267 <sup>28</sup>	10969	BU-SP	415196 <sup>28</sup>	10A19720	WHITE	416664 <sup>28</sup>	10A37P	AAMCO	471264 <sup>28</sup>
10947	C-R	222820	10972	CASE	8650S	10A20107	MINNM	416404 <sup>28</sup>	10A39F	AAMCO	6988H
10947	SKF	222820	10975	C-R	28X52X7	10A20107	WHITE	416404 <sup>28</sup>	10A3G	AAMCO	9613S
10948LPD	JN-MN	417493 <sup>29</sup>	10975	SKF	28X52X7	10A20316	MINNM	471268N	10A43F	AAMCO	473473
10948LUP	JN-MN	417493	10982LPD	JN-MN	411253 <sup>28</sup>	10A20796	MINNM	416047	10A44F	AAMCO	7929S
10949LPD	JN-MN	450094	10982LPD	JN-MN	450099	10A20796	MINNM	416332 <sup>28</sup>	10A45F	AAMCO	331107N
10949LPD	JN-MN	473462	10982LUP	JN-MN	411253 <sup>28</sup>	10A20796	WHITE	416047	10A46F	AAMCO	7692S
10949LUP	JN-MN	450094	10982LUP	JN-MN	450099	10A20796	WHITE	416332 <sup>28</sup>	10A4731	MINNM	471424 <sup>28</sup>
10949LUP	JN-MN	473462	109831	US-EL	416339	10A20859	MINNM	473231 <sup>28</sup>	10A50N	AAMCO	480479H
10950LPD	JN-MN	415187	109935R91	IH	473473	10A20859	WHITE	473231 <sup>28</sup>	10A5104	MINNM	416664 <sup>28</sup>
10950LUP	JN-MN	415187	109936R91	IH	412871 <sup>28</sup>	10A2111	MINNM	473237 <sup>28</sup>	10A5104	MINNM	455364
10952LPD	JN-MN	471689 <sup>28</sup>	109936R91	IH	450329	10A2112	MINNM	417158 <sup>28</sup>	10A56Y	AAMCO	6712NA
10952LUP	JN-MN	471689 <sup>28</sup>	109939R91	IH	471570 <sup>28</sup>	10A2112	MINNM	455355	10A57Y	AAMCO	8792S
10957	C-R	222860	10A10111	MINNM	6703S	10A2112	WHITE	417158 <sup>28</sup>	10A6156	FED	474278
10957	SKF	222860	10A10517	MINNM	471442 <sup>28</sup>	10A2112	WHITE	455355	10A6156	FED	480356
10958	C-R	222860	10A10894	MINNM	450474	10A2113	MINNM	416921 <sup>28</sup>	10A6239	FED	323138 <sup>28</sup>
10958	C-R	28X47X7 <sup>28</sup>	10A11608	MINNM	472234	10A2113	MINNM	455011	10A6268	FED	481568 <sup>28</sup>
10958	SKF	222860	10A11658	MINNM	417350 <sup>28</sup>	10A21423	MINNM	415991 <sup>28</sup>	10A6289	AVCO	416404 <sup>28</sup>
10958	SKF	28X47X7	10A11658	MINNM	455479	10A21423	MINNM	415991N	10A6289	MINNM	416404 <sup>28</sup>
109580	FORD	417343 <sup>28</sup>	10A1297	FED	474276 <sup>28</sup>	10A21423	WHITE	415991 <sup>28</sup>	10A6627	MINNM	473473
109595	CANAD	471138 <sup>28</sup>	10A14257	MINNM	417344 <sup>28</sup>	10A21423	WHITE	415991N	10A6732	MINNM	417344 <sup>28</sup>
10959LPD	JN-MN	415254	10A14257	MINNM	455006	10A21691	MINNM	473016 <sup>28</sup>	10A6733	MINNM	410190
10959LUP	JN-MN	415254	10A14262	MINNM	415281N	10A21691	WHITE	473016 <sup>28</sup>	10A69B	AAMCO	8609
10960LPD	JN-MN	455015 <sup>29</sup>	10A1442	FED	450400	10A22092	MINNM	471272 <sup>28</sup>	10A70	AAMCO	473473
10960LUP	JN-MN	455015	10A14894	MINNM	415379 <sup>28</sup>	10A22092	WHITE	471272 <sup>28</sup>	10A7038	MINNM	417344 <sup>28</sup>
1-09625-005-0	ISUZU	710087	10A14894	MINNM	455379	10A22308	MINNM	470954 <sup>28</sup>	10A7038	MINNM	455006
1-09625-006-0	ISUZU	710087	10A15506	MINNM	417350 <sup>28</sup>	10A22308	WHITE	470954 <sup>28</sup>	10A7103	MINNM	471413 <sup>28</sup>
1-09625-017-0	ISUZU	710275	10A15506	MINNM	455479	10A22515	MINNM	473225 <sup>28</sup>	10A7121	MINNM	450083
1-09625-041-0	ISUZU	710084	10A15507	MINNM	415995 <sup>28</sup>	10A22515	WHITE	473225	10A7121	MINNM	472924 <sup>28</sup>
1-09625-043-0	ISUZU	710085	10A15507	MINNM	455013	10A23926	MINNM	472012	10A73B	AAMCO	8935S
1-09625-044-0	ISUZU	710086	10A16	AAMCO	6712NA	10A23927	WHITE	472012	10A74B	AAMCO	7300S
1-09625-128-0	ISUZU	227045	10A16329	MINNM	350954	10A23R	AAMCO	342805	10A7541	MINNM	473227
1-09625-129-0	ISUZU	710088	10A16329	MINNM	470954 <sup>28</sup>	10A2411	MINNM	417316 <sup>28</sup>	10A7611	WHITE	470954 <sup>28</sup>
1-09625-155-0	ISUZU	224020	10A16329	WHITE	350954	10A2411	MINNM	455004	10A7611	WHITE	480954
1-09625-265-0	ISUZU	710089	10A16329	WHITE	470954 <sup>28</sup>	10A2411	WHITE	417316 <sup>28</sup>	10A811	MINNM	470354
1-09625-321-0	GMC	710439	10A16450	MINNM	471870 <sup>28</sup>	10A2490	MINNM	450519	10A8344	MINNM	55563
1-09625-331-0	ISUZU	710086	10A16450	MINNM	471883	10A2490	MINNM	471271 <sup>28</sup>	10A8468	MINNM	450400
1-09625-331-1	ISUZU	710086	10A17321	MINNM	415995V	10A24D	AAMCO	451147H	10A8486	MINNM	415991
1-09625-350-0	ISUZU	710089	10A17321	WHITE	415995V	10A25D	AAMCO	9613S	10A8L	AAMCO	471707N
1-09625-449-1	ISUZU	710084	10A17321	WHITE	455995N	10A26	AAMCO	472015 <sup>28</sup>	10A9471	MINNM	471870 <sup>28</sup>
1-09625-454-1	ISUZU	710089	10A17322	MINNM	417350 <sup>28</sup>	10A26114	MINNM	415379	10A9471	MINNM	471883
1-09625-457-0	ISUZU	710085	10A17322	MINNM	455479	10A26114	WHITE	415379	10A9789	MINNM	473211 <sup>28</sup>
1-09625-468-0	ISUZU	710278	10A17357	MINNM	415991	10A26D	AAMCO	470774 <sup>28</sup>	10B1444	FED	450066
1-09625495-0	ISUZU	370003A	10A17357	MINNM	455146 <sup>28</sup>	10A2730	MINNM	415984 <sup>28</sup>	10B1444	FED	473367 <sup>28</sup>
1-09625495-0	ISUZU	380003A	10A17817	MINNM	415379	10A2731	MINNM	45827S	10B1754	FED	480630 <sup>28</sup>
1-09625-503-0	ISUZU	710084	10A17817	WHITE	415379	10A28E	AAMCO	7751H	10CDK-01094	WHITE	450400
1-09625-537-0	ISUZU	710088	10A18170	MINNM	416380 <sup>28</sup>	10A29294	WHITE	476470	10CDKL01094	WHITE	450400
1-09625-538-0	ISUZU	710085	10A18170	WHITE	416380 <sup>28</sup>	10A2G	AAMCO	472015 <sup>28</sup>	10-EJR20	MACK	472560N <sup>28</sup>
1-09625-568-0	ISUZU	710087	10A18176	MINNM	415304	10A30A	AAMCO	331228H	10-EJR20	MACK	50151S
1-09625-569-0	ISUZU	710085	10A18176	MINNM	476470 <sup>28</sup>	10A31033	WHITE	415088	10P1772	MINNM	470954 <sup>28</sup>
10963	BU-SP	415137 <sup>28</sup>	10A18176	WHITE	476470	10A3161	FED	450389	10P2091	MINNM	411330N
10963	BU-SP	418028	10A18678	MINNM	450067	10A3161	FED	472492 <sup>28</sup>	10P2097	MINNM	353141 <sup>28</sup>
10963LPD	JN-MN	417491 <sup>29</sup>	10A18678	MINNM	473228	10A3196	FED	474278	10P219	MINNM	240356
10963LUP	JN-MN	417491	10A18811	MINNM	450444	10A3196	FED	480356	10P222	MINNM	6597S
10964	BU-SP	450316	10A18811	MINNM	471835 <sup>28</sup>	10A31Q	AAMCO	6879H	10P228	MINNM	472234
10964	BU-SP	472636 <sup>28</sup>	10A18897	MINNM	471466 <sup>28</sup>	10A33A	AAMCO	474260	10P2417	MINNM	473461 <sup>28</sup>
109659	CLARK	450073	10A18897	WHITE	471466 <sup>28</sup>	10A3417	MINNM	473463	10P2486	MINNM	475003N
10966	C-R	28X48X8 <sup>28</sup>	10A19477	MINNM	470954V	10A34Q	AAMCO	330663	10P2930	WHITE	473016 <sup>28</sup>
10966	SKF	28X48X8	10A19477	WHITE	470954V	10A34Q	AAMCO	472354 <sup>28</sup>	10P3487	MINNM	415379

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
10P35000	TIMKE	380001A	1100	UNIVE	415482	110212	UNIVE	473211 <sup>28</sup>	11066	SKF	50151S
10P3604	WHITE	450073	1100007968	BUSHH	200881	110225	MICH	473212 <sup>28</sup>	11067	C-R	352560
10P362	MINNM	40382	110-010	DISOG	710014	110225	UNIVE	473212 <sup>28</sup>	11067	C-R	50151S
10S72	TLSMI	455576 <sup>28</sup>	11001300	UNIVE	415482	110228	MICH	40769S	11067	SKF	352560
10UK01094	WHITE	474276 <sup>28</sup>	110-014	DISOG	710023	110237	MICH	473213 <sup>28</sup>	11067	SKF	50151S
10WA-01094	WHITE	323138 <sup>28</sup>	110-019	DISOG	710024	110237	UNIVE	473213 <sup>28</sup>	1106756	ALLCH	450352
10X012010XX	TIMKE	100X120X10	110-021	DISOG	710013	1102415	FORD	713771	1106756	ALLCH	472164 <sup>28</sup>
10X012012XX	TIMKE	100X120X12	110021R91	IH	370001A	110245	C-R	280X320X20	11-0680	BAT	357PKG
10X012512XX	TIMKE	100X125X12	110021R91	IH	6638S	110245	SKF	280X320X20	11071-6G	IH	415304
10X013012XX	TIMKE	100X130X12	110021R91	NAVST	380001A	1103	STEM	370021A	11071-6G	IH	476470 <sup>28</sup>
10X10950	MINNM	471818	110-023	DISOG	710025	1103	STEM	370121A	11074F	IH	470088
10X15186	MINNM	415960	110027	GRAM	471466 <sup>28</sup>	110337	GRAM	453165	11074LPD	JN-MN	415995 <sup>28</sup>
10X19X7	TIMKE	10X19X7	110028	GRAM	450095	110337	GRAM	471619 <sup>28</sup>	11074LPD	JN-MN	455013
10X19X7SC	TRSCM	10X19X7	110028	GRAM	473464 <sup>28</sup>	110337	WILYS	453165	11074LUP	JN-MN	415836
10X19X7TC	TRSCM	10X19X7	110029	DISOG	710026	110337	WILYS	471619 <sup>28</sup>	11074LUP	JN-MN	415995 <sup>28</sup>
10X22X7	FORSH	10X22X7 <sup>28</sup>	110-037	DISOG	710027	110350	US-EL	473226	11074LUP	JN-MN	455013
10X22X7	SIMRT	10X22X7 <sup>28</sup>	11003A	HERCU	40395	11035LPD	JN-MN	417600 <sup>29</sup>	110752	AVCO	415449 <sup>28</sup>
10X22X7	TIMKE	10X22X7	11003A	HERCU	40395S	11035LUP	JN-MN	417600	110752	AVCO	455147
10X22X7SC	TRSCM	10X22X7 <sup>28</sup>	110042	DISOG	710038	11040LPD	JN-MN	417205 <sup>28</sup>	110752	HERCU	415449 <sup>28</sup>
10X22X7TC	TRSCM	10X22X7 <sup>28</sup>	110-047	DISOG	710028	11040LUP	JN-MN	417205 <sup>28</sup>	110752	HERCU	455147
10X23028	MINNM	415379 <sup>28</sup>	11004LPD	JN-MN	456618	110432	HOUGH	470189	110752B	HERCU	415449 <sup>28</sup>
10X23028	MINNM	455379	11004LUP	JN-MN	456618	110432	HOUGH	471692 <sup>28</sup>	110752B	HERCU	455147
10X24X7	SIMRT	10X24X7	110051	C-R	415482 <sup>29</sup>	110432H1	HOUGH	471692 <sup>28</sup>	1107704K3	IH	470380 <sup>28</sup>
10X24X7	TIMKE	10X24X7	110051	SKF	415482	110433	AVCO	412040	110799-40	IH	472705 <sup>28</sup>
10X24X7SC	TRSCM	10X24X7	1100575	FORD	710617	110460	CLARK	450867	1108	TIMKE	1108
10X24X7TC	TRSCM	10X24X7	110-058	DISOG	710030	110460	CLARK	470898	1108	UNIVE	415076 <sup>29</sup>
10X25X7	TIMKE	10X25X7	1100-7180LUP	JN-MN	415482	110461	CLARK	416149	11081	C-R	340151
10X25X7SC	TRSCM	10X25X7	1100755	FMC	411253 <sup>28</sup>	11050	C-R	340835	11081	SKF	340151
10X25X7TC	TRSCM	10X25X7	1100755	FMC	450099	11050	SKF	340835	11081CM	SUL	455476
10X26X7	FORSH	10X26X7	1100-D6-15	REO	370036A	110516	GMC	415379 <sup>28</sup>	11082	C-R	472560N
10X26X7	SIMRT	10X26X7	1100-D6-15	REO	370349A	110516	GMC	455379	11082	SKF	472560N
10X26X7	TIMKE	10X26X7	1100-D6-24	REO	370023A	11053	CLARK	415027 <sup>28</sup>	11086	C-R	222820
10X26X7SC	TRSCM	10X26X7	11010	WOODB	472015 <sup>28</sup>	11053	CLARK	455027	11086	SKF	222820
10X26X7TC	TRSCM	10X26X7	110120	MICH	417020	110542	CLARK	412473 <sup>28</sup>	1108641	VICK	455858
10X29504	MINNM	416271 <sup>28</sup>	1101-26-154	MAZDA	224820	110542	CLARK	415894	11086AS	HOUGH	473179 <sup>28</sup>
10X29720	MINNM	415960	110128	GRAM	41264S	11055	C-R	313842	11087AS	HERCU	6460S
10X29720	MINNM	455009	110130	MICH	415482	11055	SKF	313842	11088A	HERCU	6460S
10X30979	MINNM	417205 <sup>28</sup>	110148	WAUKE	417316 <sup>28</sup>	110554	GRAM	471281 <sup>28</sup>	110897	CLARK	415003
10X3114	MINNM	473205	110148	WAUKE	455004	11055LPD	JN-MN	470354 <sup>29</sup>	110897	CLARK	415458 <sup>28</sup>
10X31311	MINNM	471138 <sup>28</sup>	11014LPD	JN-MN	450313	11055LUP	JN-MN	470354	110898	CLARK	470565 <sup>28</sup>
10X31317	MINNM	415991	11014LUP	JN-MN	450313	110569	GMC	415836	110914	CLARK	417545
10X31317	MINNM	455146 <sup>28</sup>	110157	DISOG	710041	110569	GMC	415995 <sup>28</sup>	1109558C1	IH	415041
10X3144	MINNM	473205	110158	WAUKE	450352	11060	C-R	340815 <sup>29</sup>	11096	STEEL	450352
10X33841	MINNM	203013	110158	WAUKE	472164 <sup>28</sup>	11060	SKF	340815	11096	STEEL	472164 <sup>28</sup>
10X33841	WHITE	203013	11015LPD	JN-MN	470086	1106044	ALLCH	450593 <sup>28</sup>	110976	GMC	418028
10X33923	MINNM	40301S	11015LUP	JN-MN	470086	11060LPD	JN-MN	456890	110976	GMC	455137 <sup>28</sup>
10X34138	MINNM	415447	110171	DISOG	710034	11060LUP	JN-MN	456890	110978	GMC	415137 <sup>28</sup>
10X34138	WHITE	415447	110179H1	HOUGH	471570 <sup>28</sup>	11061	C-R	1037 <sup>29</sup>	110978	GMC	418028
10X512513XX	TIMKE	105X125X13	11017LUP	JN-MN	415483	11061	SKF	1037	11097R	IH	450291
10X513012XX	TIMKE	105X130X12	11018LPD	JN-MN	450301	11061LPD	JN-MN	415074 <sup>29</sup>	11097R	IH	471141 <sup>28</sup>
10X514012XX	TIMKE	105X140X12	11018LPD	JN-MN	472397 <sup>28</sup>	11061LUP	JN-MN	415074	11098R	IH	450194
10X5487	WHITE	470954 <sup>28</sup>	11018LUP	JN-MN	450301	110623R91	IH	340400	11098R	IH	473010 <sup>28</sup>
10X5487	WHITE	480954	11018LUP	JN-MN	472397 <sup>28</sup>	110631	US-EL	470045	110998	GMC	455584
10X5525	MINNM	450494	1101VB7	MARI	415076	110631	US-EL	476838 <sup>28</sup>	110998	GOODM	455584
10X5525	MINNM	472164 <sup>28</sup>	11020	KERSH	343099	11064	CLARK	415064	110998	JEFF	455584
10X6898	MINNM	471413 <sup>28</sup>	110206	MICH	472826 <sup>28</sup>	11065	C-R	240151	110A04804	TROS	8705S
10X706	MINNM	450133	110206	UNIVE	472826 <sup>28</sup>	11065	SKF	240151	110-D6-9	REO	370023A
11	BL-KN	417492	110210	UNIVE	473421 <sup>29</sup>	11066	C-R	472560N <sup>28</sup>	110E65	FWD	450301
110	UNIVE	450069	110211	MICH	473421	11066	C-R	50151S	110E65	FWD	472397 <sup>28</sup>
110	UNIVE	473232	110212	MICH	473211 <sup>28</sup>	11066	SKF	472560N	110E-65	HWY	450085

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
110E-65	HWY	470530 <sup>28</sup>	111147	AM WH	471138 <sup>28</sup>	1113300051	MERCE	1012N	11-14-7-512-100	BMW	710786
110E-97	HWY	450067	111163	AM WH	417344 <sup>28</sup>	11134	C-R	471652V	11 14 7512100	ROLLS	710786
110E-97	HWY	473228	111163	AM WH	455006	11134	SKF	471652V	11 14 7512101	ROLLS	710786
110PKG	TIMKE	110PKG	11-11-7-511-395	BMW	710785	111368	CLARK	415035	11-14-7-524-312	BMW	710822
110R	TIMKE	110PKG	11117511396	BMW	229005	11137AS	HERCU	6460S	11-14-7-534-192	BMW	710822
110X130X12	TIMKE	110X130X12	11117530263	BMW	229005	11138	C-R	470189	11-14-7-558-914	BMW	710822
110X130X12SC	TRSCM	110X130X12	11-11-7-530-823	BMW	710785	11138	C-R	471692 <sup>29</sup>	11-14-7-583-221	BMW	710471
110X130X12TC	TRSCM	110X130X12	11117547841	BMW	229005	11138	SKF	470189	11 14 7583221	ROLLS	710471
110X140X12	TIMKE	110X140X12	11-11-7-547-842	BMW	710785	11138	SKF	471692	11-14-7-613-816	BMW	710471
110X140X12SC	TRSCM	110X140X12	11117568263	BMW	710849	111383	HOUGH	471224 <sup>28</sup>	11-14-7-647-380	BMW	710786
110X140X12TC	TRSCM	110X140X12	11117568264	BMW	710850	11-14-0-149-405	BMW	710786	11 14 7647380	ROLLS	710786
110X140X13	TIMKE	110X140X13	11-11-7-584-398	BMW	229005	111404	US-EL	413248	11-14-7-647-381	BMW	710822
110X140X13SC	TRSCM		11-11-7-587-168	BMW	229010	111405641A	VW	224045	111477	CLARK	415013
110X140X13 <sup>28</sup>			111176	AM WH	415196 <sup>28</sup>	111-405-641B	VW	1217	111477	CLARK	415995 <sup>28</sup>
110X140X13TC	TRSCM		111178	HOUGH	471192	11140SS	JN-MN	416556 <sup>28</sup>	11-14-7-790-960	BMW	223801
110X140X13 <sup>28</sup>			111178H1	HOUGH	471192	11140SS	JN-MN	472157	11-14-7-790-962	BMW	710676
110X15012XX	TIMKE	110X150X12	111179	HOUGH	470059	11-14-1-252-068	BMW	228009	11-14-7-791-449	BMW	231003
110X150X15SC	TRSCM		111179	HOUGH	470380 <sup>28</sup>	11141252069	BMW	223542	11-14-7-794-168	BMW	710449
110X150X12 <sup>29</sup>			111179H1	HOUGH	470059	11-14-1-254-452	BMW	228009	111478	CLARK	416039
110X150X15TC	TRSCM		111179H1	HOUGH	470380 <sup>28</sup>	11141255010	BMW	710403	111479	US-EL	450040
110X150X12 <sup>29</sup>			111179H1	IH	470059	11 14 1 255 011	BMW	28X47X7	111481	CLARK	416047
111	UNIVE	473236 <sup>28</sup>	111179H1	IH	470380 <sup>28</sup>	11141255012	BMW	229005	111481	CLARK	416332 <sup>28</sup>
11100LPD	JN-MN	470059	111180	HOUGH	5976S	11141255014	BMW	223542	111482	CLARK	415379
11100LPD	JN-MN	470380 <sup>28</sup>	111193	AM WH	410694 <sup>28</sup>	11-14-1-255-015	BMW	228009	11148LPD	JN-MN	417485
11100LUP	JN-MN	470059	11119A	HERCU	455189	11-14-1-265-431	BMW	716484	11148LUP	JN-MN	417485
11100LUP	JN-MN	470380 <sup>28</sup>	11119LPD	JN-MN	417356 <sup>28</sup>	11-14-1-271-415	BMW	222820	111497	WAUKE	40140S
111017	CUMMI	413469 <sup>28</sup>	11119LPD	JN-MN	455188	11141274346	BMW	716484	11150	C-R	471692 <sup>28</sup>
111035	WOOL	450111	11119LUP	JN-MN	417356 <sup>28</sup>	11141275161	BMW	229005	11150	SKF	471692
1110416	CHRYS	415449 <sup>28</sup>	11119LUP	JN-MN	455188	11141275466	BMW	716484	111-501-315	VW	1012N
11106LPD	JN-MN	416339	11120LPD	JN-MN	415043	11141278108	BMW	223542	111512G12	IH	471267 <sup>28</sup>
11106LPD	JN-MN	455031 <sup>28</sup>	11120LUP	JN-MN	415043	11-14-1-308-342	BMW	224460	11151-2K-11	IH	472258 <sup>28</sup>
11106LUP	JN-MN	416339	111210	UNIVE	473435 <sup>29</sup>	11141312007	BMW	224462	111512-K-63	IH	416706 <sup>28</sup>
11106LUP	JN-MN	455031 <sup>28</sup>	111211	MICH	473435	11-14-1-435-848	BMW	224460	111514	CLARK	3016
111082	HOUGH	470163	111212	MICH	473436	11141706785	BMW	229005	11152	C-R	321417N
111082	HOUGH	471766 <sup>28</sup>	111212	UNIVE	473436	11141706999	BMW	229005	11152	SKF	321417N
111082H1	HOUGH	470163	11121LPD	JN-MN	417353 <sup>28</sup>	11141709632	BMW	223542	11152SB	TRSCM	352560
111082H1	HOUGH	471766 <sup>28</sup>	11121LUP	JN-MN	417353 <sup>28</sup>	11-14-1-710-247	BMW	231003	11152SB	TRSCM	472560N <sup>28</sup>
111083	HOUGH	450194	11122	C-R	3638	11141713722	BMW	225530	11152SB	TRSCM	50151S
111083	HOUGH	473010 <sup>28</sup>	11122	SKF	3638	11-14-1-713-730	BMW	231003	11152VB	TRSCM	340151
111083H1	HOUGH	450194	11123	C-R	471652 <sup>28</sup>	11141715100	BMW	710403	11154	HU-WR	471141 <sup>28</sup>
111083H1	HOUGH	473010 <sup>28</sup>	11123	C-R	482208	11141715101	BMW	224250	1115480	ALLCH	450467
111083H1	IH	450194	11123	EMRSN	471652	11141725994	BMW	225530	11156	WAYNE	450115
111083H1	IH	473010 <sup>28</sup>	11123	EMRSN	482208 <sup>28</sup>	11-14-1-736-932	BMW	716484	11156	WAYNE	473467 <sup>28</sup>
111084	HOUGH	415304	11123	SKF	471652	11141SB	TRSCM	1037	111576	CUMMI	473016 <sup>28</sup>
111084	HOUGH	476470 <sup>28</sup>	11123	SKF	482208	11141VB	TRSCM	340815	1115860433	MERCE	1012N
111084H1	HOUGH	415304	111237	MICH	450054	11142245364	BMW	229005	111592Y	AVCO	415458 <sup>28</sup>
111084H1	HOUGH	476470 <sup>28</sup>	111237	UNIVE	450054	11142247117	BMW	716484	111592Y	AVCO	455003
111084H1	IH	415304	11124	C-R	471652	11142247164	BMW	229005	111592Y	HERCU	415458 <sup>28</sup>
111084H1	IH	476470 <sup>28</sup>	11124	SKF	471652	11 14 2 247 663	BMW	710127	111592Y	HERCU	455003
1110879C1	IH	415035V	11124SS	JN-MN	340847	11142249532	BMW	716484	1115938	CHRYS	450776 <sup>28</sup>
1111	STEM	370003A	11125SS	JN-MN	340849	11-14-2-249-533	BMW	229005	11160	JNSON	415281N
1111	STEM	370005A	11126A	HERCU	417082	11 14 2 249 534	BMW	710127	11161	C-R	204020
1111	STEM	370006A	1112945	FORD	711002	11142VB	TRSCM	313842	11161	C-R	204505 <sup>28</sup>
1111	STEM	380003A	1112Y	IH	5M289	11143	C-R	710285	11161	SKF	204020
111105245	VW	226020	11130	C-R	471652	11143	SKF	710285	11161	SKF	204505
11111	C-R	3638	11130	SKF	471652	11143LPD	JN-MN	411245 <sup>28</sup>	1116194	ALLCH	200354
11111	SKF	3638	111307	GMC	410496 <sup>28</sup>	11143LPD	JN-MN	455096	111624	AVCO	413248
11-11-1-485-171	BMW	320348	11131VB	TRSCM	340835	11143LUP	JN-MN	411245 <sup>28</sup>	111624	HEIL	413248
11 11 1 492 244	BMW	710894	11133	C-R	471652V	11143LUP	JN-MN	455096	11162SB	TRSCM	482208 <sup>28</sup>
111146	HOUGH	5976S	11133	SKF	471652V	111475	CLARK	8126S	11162TB	TRSCM	471652

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
11162VTB	TRSCM	471652V	11177LPD	JN-MN	456618	111PKG	TIMKE	111PKG	11224	C-R	470712
11163	JN SON	410520	11177LUP	JN-MN	456618	111R	TIMKE	111PKG	11224	C-R	470712V
11163	JN SON	471272 <sup>28</sup>	111784VHY	TRSCM	203020	112	UNIVE	450183	11224	SKF	470712
111632	AVCO	471705 <sup>28</sup>	111784VHY	TRSCM	204020	112	UNIVE	472179	11224	SKF	470712V
111632	HERCU	471705 <sup>28</sup>	111785	CLARK	39302	11200	C-R	350974 <sup>28</sup>	112243	UNIVE	470950 <sup>28</sup>
111633	CLARK	416154 <sup>28</sup>	1117B	GOODM	471192	1-1200	SKF	350974	112243	UNIVE	6241S
111637	EATON	5089	11180	C-R	323133	112018R91	IH	340120	112244	MICH	470950 <sup>28</sup>
11164	C-R	204020	11180	SKF	323133	11202SB	TRSCM	471763	112244	MICH	6241S
11164	SKF	204020	111801	AM WH	415196 <sup>28</sup>	11202SB	TRSCM	471763V	112250	UNIVE	450444
111640	AM WH	411245 <sup>28</sup>	111802	AM WH	470027	112034R91	IH	472439	112250	UNIVE	471835 <sup>28</sup>
111640	AM WH	455096	111802	AM WH	471554 <sup>28</sup>	112035	MINNM	450117	11225A	HERCU	240119
111646	CLARK	7937N	11182SB	TRSCM	470045	112035	MINNM	472572 <sup>28</sup>	112265	CLARK	472492 <sup>28</sup>
11167	C-R	203020	11182TB	TRSCM	470045	112035	OLIVE	450117	11226LPD	JN-MN	417538 <sup>29</sup>
11167	SKF	203020	11182TB	TRSCM	476838 <sup>28</sup>	112035	OLIVE	472572 <sup>28</sup>	11226LUP	JN-MN	417538
11167LPD	JN-MN	415001 <sup>28</sup>	11183K	CASE	200354	11203TB	TRSCM	471763	112275	UNIVE	450463
11167LPD	JN-MN	455001	11183SA	TRSCM	350974 <sup>28</sup>	112043	MINNM	471570 <sup>28</sup>	112308	CLARK	100495
11167LUP	JN-MN	415001 <sup>28</sup>	111872TB	TRSCM	470236	112051R91	IH	470163	112308	CLARK	415281N
11167LUP	JN-MN	455001	111872TB	TRSCM	470712 <sup>28</sup>	112051R91	IH	471766 <sup>28</sup>	11232	CHRY S	473243
111682SB	TRSCM	481213 <sup>28</sup>	111872VSB	TRSCM	470712V	112052R91	IH	470163	1123241	CUMMI	473016 <sup>28</sup>
11168-D	CLARK	415437 <sup>28</sup>	111872VTB	TRSCM	470712V	112052R91	IH	471766 <sup>28</sup>	112332	CLARK	416362
11168-D	CLARK	455173	11188-62010	TOYOT	710861	112055	CLARK	416070	112341	OLIVE	415447
11168-E	CLARK	415437 <sup>28</sup>	1118B	GOODM	470169	11205602.5	TROS	340850	112347	OLIVE	415447
11168-E	CLARK	455173	1118B	GOODM	473214	112062VB	TRSCM	471785 <sup>28</sup>	112365	OLIVE	470059
11170	C-R	470045	1118D	GOODM	470169	112063SB	TRSCM	471785 <sup>28</sup>	112365	OLIVE	470380 <sup>28</sup>
11170	C-R	476838 <sup>29</sup>	1118D	GOODM	473214	11207	C-R	470712V	112367	OLIVE	470059
11170	SKF	470045	111908R91	IH	416865 <sup>28</sup>	11207	SKF	470712V	112367	OLIVE	470380 <sup>28</sup>
11170	SKF	476838	111908R91	IH	455070	11208	C-R	470712V	112403	OLIVE	470764 <sup>28</sup>
111704XX	TIMKE	11X17X4	111909R91	IH	416865 <sup>28</sup>	11208	SKF	470712V	11240LPD	JN-MN	450095
111707R91	IH	450867	111909R91	IH	455070	11209	C-R	470712 <sup>28</sup>	11240LPD	JN-MN	473464 <sup>28</sup>
111707R91	IH	470898	11191	C-R	476838 <sup>29</sup>	11209	SKF	470712	11240LUP	JN-MN	450095
111708	CLARK	7700S <sup>28</sup>	11191	SKF	476838	1120S	TIMKE	1120	11240LUP	JN-MN	473464 <sup>28</sup>
111708R91	IH	450867	11192SB	TRSCM	471747 <sup>28</sup>	1121	TIMKE	710332	11241LPD	JN-MN	473313
111708R91	IH	470898	1119321	ALLCH	415035	112101	US-EL	8160S	11241LUP	JN-MN	473313
11171	C-R	470045	111936	GMC	415551	11213SB	TRSCM	481792	11242SB	TRSCM	473259 <sup>28</sup>
11171	C-R	476838 <sup>29</sup>	111936R91	IH	450121	112149	CLARK	471866 <sup>28</sup>	112432SL	TRSCM	470347
11171	SKF	470045	111936R91	IH	472409 <sup>28</sup>	11215DB	TRSCM	472350 <sup>28</sup>	112458Y	AVCO	471763
11171	SKF	476838	111937	US-EL	415498	11 21 7 838 071	BMW	231003	1124631	SOLAR	471466 <sup>28</sup>
111710R1	IH	470954 <sup>28</sup>	11193LPD	JN-MN	471795	11 21 7 838 072	BMW	716484	1124681C1	IH	417172
111711R91	IH	412473 <sup>28</sup>	11193LUP	JN-MN	471795	11218	C-R	471281 <sup>28</sup>	1124E-1	CLARK	450117
111711R91	IH	415894	111940R91	IH	39302	11218	SKF	471281	1124E-1	CLARK	472572 <sup>28</sup>
111712R91	IH	416476 <sup>28</sup>	11194LPD	JN-MN	415142 <sup>29</sup>	112185	O-M	473428	1124E-2	CLARK	473464
111719	CLARK	415263	11194LUP	JN-MN	415142	11218H	DIA	6460S	1125266C1	IH	415035
111720	CLARK	416271 <sup>28</sup>	111962	AVCO	417486	112190	CLARK	417522	1125267C1	IH	450082
111721	CLARK	416921 <sup>28</sup>	111962	HERCU	417486	112193	HOUGH	473227 <sup>28</sup>	1125267C1	IH	473238
111726	CLARK	416125 <sup>28</sup>	111962B	HERCU	417486	112193H1	HOUGH	473227 <sup>28</sup>	1125268C1	IH	416888 <sup>28</sup>
111729	CUSH	470169	111965	CLARK	455079 <sup>28</sup>	112210	UNIVE	472287 <sup>28,29</sup>	1125268C1	IH	455200
111729	CUSH	473214 <sup>28</sup>	11197	BU-SP	416888 <sup>28</sup>	112211	MICH	472287 <sup>28</sup>	112547	AM WH	470548
11172LPD	JN-MN	470059	11197	BU-SP	455200	112212	MICH	471192	112547	AM WH	470625 <sup>28</sup>
11172LPD	JN-MN	470380 <sup>28</sup>	11197	C-R	350974 <sup>28</sup>	112212	UNIVE	471192	1125919	ALLCH	450819
11172LUP	JN-MN	470059	11197	SKF	350974	112212SL	MICH	471192	112596	AM WH	470045
11172LUP	JN-MN	470380 <sup>28</sup>	11197LPD	JN-MN	415991	112225	MICH	470169	112596	AM WH	476838 <sup>28</sup>
11172TB	TRSCM	471692 <sup>28</sup>	11197LPD	JN-MN	455146 <sup>28</sup>	112225	MICH	473214 <sup>28</sup>	112597	JEFF	455024
1117439	BMW	224250	11197LUP	JN-MN	415991	112225	UNIVE	470169	112600	GOODM	450185
11174SS	JN-MN	40410S	11197LUP	JN-MN	455146 <sup>28</sup>	112225	UNIVE	473214	112600	GOODM	473229
11174VB	TRSCM	204505 <sup>28</sup>	11198	BU-SP	472439	112225SLTI	MICH	6200	112603	OLIVE	470027
111750	CLARK	412473 <sup>28</sup>	11198LPD	JN-MN	416047	11223	C-R	470712 <sup>28</sup>	112603	OLIVE	471554 <sup>28</sup>
111750	CLARK	415894	11198LPD	JN-MN	416332 <sup>28</sup>	11223	SKF	470712	112615	BORGW	450291
111756	CUSH	472658	11198LUP	JN-MN	416047	112237	MICH	473215 <sup>28</sup>	112615	BORGW	471141 <sup>28</sup>
111756	CUSH	473197	11198LUP	JN-MN	416332 <sup>28</sup>	112237	UNIVE	473215 <sup>28</sup>	112622	CLARK	471344
111761	CLARK	471766 <sup>28</sup>	11199	BU-SP	471192	11224	BU-SP	415007	112630-K-27	IH	470774 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
11265LPD	JN-MN	415074 <sup>29</sup>	11316G	OSHKO	415088	11366	C-R	471785	114102Y	AVCO	450082
11269	C-R	203003	11316SS	JN-MN	451583 <sup>28,29</sup>	11366	SKF	471785	114102Y	AVCO	473238
11269	SKF	203003	11317	BU-SP	412473 <sup>28</sup>	11368LUP	JN-MN	416156	114109	MINNM	450185
1126S	TIMKE	1126	11317	BU-SP	415894	1137	GRAY	470219	114109	MINNM	473229
112717	AM WH	471466 <sup>28</sup>	11-317932	FAIRB	450084 <sup>28</sup>	1137	GRAY	471649 <sup>28</sup>	114109	OLIVE	450185
112724H	IH	471686	11-317934	FAIRB	450441	11370	CASE	471763	114109	OLIVE	473229
11272SS	JN-MN	340136	11-317934	FAIRB	471341 <sup>28</sup>	11370	CLARK	471763	11411265431	BMW	716484
11274	GEM	6703S	11318	BU-SP	417351 <sup>28</sup>	11372	C-R	481792	11413	GWJ	450067
112751	CLARK	472924 <sup>28</sup>	11318	BU-SP	455154	11372	SKF	481792	11413	GWJ	473228
112752	CLARK	417252	11319	BU-SP	415379 <sup>28</sup>	1137411C1	IH	470354	114134Y	AVCO	450143
112766	GOODM	471747 <sup>28</sup>	11319	BU-SP	455379	113763	OLIVE	450444	114135	MICH	415076 <sup>29</sup>
112766	GOODM	472674	11327SS	JN-MN	351487	113763	OLIVE	471835 <sup>28</sup>	114136Y	AVCO	471192
1127699	CHRYS	472012	113286	OLIVE	470712 <sup>28</sup>	11378	C-R	450604 <sup>29</sup>	114136Y	HERCU	471192
112775Y	AVCO	410312N	113-301-225	AUDI	711029	11378	SKF	450604	11414	GWJ	471820
112775Y	HERCU	410312N	113-301-225	VW	711029	11379	ACF	415150 <sup>28</sup>	11415	GWJ	450067
1127H	GEM	6703S	1133051	FORD	710442	1138281	CHRYS	240356	11415	GWJ	473228
112819	MINNM	471765 <sup>28</sup>	113341	OLIVE	455189	1138282	CHRYS	240151	11417	C-R	3638
112819	OLIVE	471765 <sup>28</sup>	11340	C-R	471763	113-8432	CATER	39894	11417	SKF	3638
112820	MINNM	471765 <sup>28</sup>	11340	SKF	471763	113-8433	CATER	39893	114184	CLARK	416422
11284	C-R	6832S	11340-78J00	SUZUK	710855	113848	GMC	416394	1 141 882	FORD	100944
11284	FAWIC	415047	11340-78J00-000	SUZUK	710855	113866	EATON	100263	11420	KINNR	471281 <sup>28</sup>
11284	SKF	6832S	11340-78J10	SUZUK	710855	113875	CLARK	417283	1142056	CHRYS	471267 <sup>28</sup>
112876R91	IH	370169A	11340-78J10-000	SUZUK	710855	1138A-78J00	SUZUK	710674	11420SS	JN-MN	417484N
112876R91	IH	415437 <sup>28</sup>	11340-78J20	SUZUK	710855	1138A-78J00-000	SUZUK	710674	11420SS	JN-MN	455322
112876R91	IH	455173	11340-78J20-000	SUZUK	710855	1138A-78J01	SUZUK	710674	114210	CLARK	415351 <sup>28</sup>
1129	NATL	30X40X7 <sup>28</sup>	1134101	ALLCH	441130	1138A-78J01-000	SUZUK	710674	11422	C-R	710460
1129	TIMKE	1129	1134220	ALLCH	410102	11391	C-R	450332	11422	SKF	710460
112945	C-W	471267 <sup>28</sup>	113424	CLARK	416664 <sup>28</sup>	11391	SKF	450332	114225	MICH	473016 <sup>28</sup>
112947	C-W	471529	113426	CLARK	415389	11392	C-R	472681	114225	UNIVE	473016 <sup>28</sup>
11298T2	DIA	472015 <sup>28</sup>	113426	KEN	415389	11392	C-R	473259 <sup>29</sup>	114228	FWD	370003A
11299	C-R	471747 <sup>29</sup>	11343	C-R	471763 <sup>29</sup>	11392	SKF	472681	114228	FWD	380003A
11299	C-R	472674	11343	SKF	471763	11392	SKF	473259	114229	FWD	370003A
11299	SKF	471747	1134395	ALLCH	472439	113970R91	IH	473473	114229	FWD	380003A
11299	SKF	472674	11344	C-R	471763V	113971R91	IH	471413 <sup>28</sup>	1142360	FORD	710849
112 997 00 46	MERCE	710813	11344	SKF	471763V	1139896	CHRYS	450776 <sup>28</sup>	114237	MICH	473225 <sup>28</sup>
112 997 01 46	MERCE	710813	113485	AM WH	411500	1139897	CHRYS	471862	114237	UNIVE	473225 <sup>28</sup>
112 997 02 46	MERCE	710813	113-501-315	VW	1012N	1139898	CHRYS	470950 <sup>28</sup>	11424	KINNR	471647
112 997 03 46	MERCE	710813	113-501-315A	VW	224462	1139898	CHRYS	6241S	114243	UNIVE	470062
112 997 04 46	MERCE	710813	113-501-315F	VW	1012N	1139899	CHRYS	470062	114243	UNIVE	474264
11/2F11512	MURRA	416664 <sup>28</sup>	113-501-315G	VW	1012N	1139899	CHRYS	474264	114244	MICH	470062
11/2F11512	MURRA	455364	113501315H	PORSC	1012N	1139900	CHRYS	471316	114244	MICH	474264
11/2F11564	MURRA	417316 <sup>28</sup>	113-501-315H	VW	1012N	113E36	HWY	471801 <sup>28</sup>	114250	UNIVE	473226
112PKG	TIMKE	112PKG	113517	O-M	474260	113E-4	HWY	417316 <sup>28</sup>	11427LPD	JN-MN	480630 <sup>28</sup>
112R	TIMKE	112PKG	11352	C-R	472644	113E-4	HWY	455004	11427LUP	JN-MN	480630 <sup>28</sup>
113	UNIVE	473450	11352	SKF	472644	113PKG	TIMKE	113PKG	11429	C-R	320595
113007XX	TIMKE	11X30X7	11353	C-R	472644	113R	TIMKE	113PKG	11429	SKF	320595
11302LPD	JN-MN	482253	11353	JNSON	416921 <sup>28</sup>	114	UNIVE	473238 <sup>28</sup>	11430	CASE	450444
11302LUP	JN-MN	482253	11353	SKF	472644	11405	C-R	472954	11430	CASE	471835 <sup>28</sup>
1130703C2	IH	415072	113550R91	IH	417538	11405	SKF	472954	11431	CASE	450025
11308LPD	JN-MN	417159 <sup>29</sup>	113551R91	IH	417538	11407	C-R	710504	11431	CASE	471553 <sup>28</sup>
11308LUP	JN-MN	417159	113554R91	IH	471270 <sup>28</sup>	11407	NEWPR	482163	11432	KINNR	473215 <sup>28</sup>
113-105-245F	AUDI	227040	113558R91	IH	415449 <sup>28</sup>	11407	NEWPR	482163N	114378	HERCU	471795
113105245F	VW	227040	113558R91	IH	455147	11407	SKF	710504	114378Y	AVCO	471795
113105245J	VW	227040	113569R91	IH	456105	114074	WHELA	471765 <sup>28</sup>	114399	GOODM	470219
1131247	ALLCH	450362	113585R91	IH	415449 <sup>28</sup>	11409	KINNR	473428	114399	GOODM	471649 <sup>28</sup>
11312G	OSHKO	352541	113585R91	IH	455147	114091	FWD	370048A	114399	JEFF	470219
11312T2	DIA	370019A	11364	NEWPR	481181	114091	FWD	370182A	114399	JEFF	471649 <sup>28</sup>
1131305	FORD	710600	11364	NEWPR	481181N	114091	FWD	380048A	114407	WHITE	5872S
113148	MINNM	455189	11366	BU-SP	470163	11410	C-R	450430 <sup>29</sup>	1144500	HYST	40520S
113148	OLIVE	455189	11366	BU-SP	471766 <sup>28</sup>	11410	SKF	450430	11448A	HERCU	455189

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1145022	BENDI	481568 <sup>28</sup>	11514LUP	JN-MN	471827 <sup>28</sup>	115280	MIX	417495	11561	US-EL	472179
1145028	ALLCH	450069	11515LPD	JN-MN	473471 <sup>29</sup>	115282	MIX	416865 <sup>28</sup>	11564LPD	JN-MN	481163 <sup>28</sup>
1145028	ALLCH	473232	11515LUP	JN-MN	473471	115283	MIX	450326	11564LUP	JN-MN	481163 <sup>28</sup>
114533	HOUGH	411253 <sup>28</sup>	115162TB	TRSCM	474260	115291	MIX	415991	11566	C-R	450362
114533	HOUGH	450099	115172TB	TRSCM	471707	115291	MIX	455146 <sup>28</sup>	11566	SKF	450362
11453LPD	JN-MN	412119 <sup>28</sup>	11518	C-R	474260 <sup>29</sup>	115292	MIX	415035 <sup>28</sup>	115687H	IH	450365
11453LPD	JN-MN	450101	11518	SKF	474260	115292	MIX	455035	115687H	IH	470898
11453LUP	JN-MN	412119 <sup>28</sup>	115182SB	TRSCM	471736	115293	MIX	415281N	11568LPD	JN-MN	472287 <sup>28</sup>
11453LUP	JN-MN	450101	11518LPD	JN-MN	473237 <sup>28</sup>	115294	MIX	455144	11568LUP	JN-MN	472287 <sup>28</sup>
11459	CHRYS	473010 <sup>28</sup>	11518LUP	JN-MN	473237 <sup>28</sup>	1153	GARLK	473241	11569LPD	JN-MN	450621
114631	SPICE	470064	115200	MIX	470163	115322	MIX	410520	11569LUP	JN-MN	450621
114631	SPICE	471821 <sup>28</sup>	115200	MIX	471766 <sup>28</sup>	115322	MIX	471272 <sup>28</sup>	11577LPD	JN-MN	416239 <sup>28</sup>
114632	SPICE	471763	115201	MIX	470548	115328	MIX	417362 <sup>28</sup>	11577LUP	JN-MN	416239 <sup>28</sup>
114636	GMC	470120	115201	MIX	470625 <sup>28</sup>	11533	WOODB	410520	11580	C-R	223012
114636	GMC	471224 <sup>28</sup>	115202TB	TRSCM	450161	11533	WOODB	471272 <sup>28</sup>	11580	SKF	223012
11467	GAL	471255 <sup>28</sup>	115202TB	TRSCM	471764 <sup>28</sup>	115330	MIX	55078S	115806H	IH	471801 <sup>28</sup>
1146S	TIMKE	1146	11521	C-R	450482	1153300051	MERCE	1012N	11583SS	JN-MN	340356
1147	TIMKE	1147	11521	SKF	450482	115332	MIX	450519	11585	C-R	472475 <sup>29</sup>
11471K	CASE	417343 <sup>28</sup>	115210	MIX	471869	115332	MIX	471271 <sup>28</sup>	11585	SKF	472475
114771R91	IH	417484N	115210	MIX	473459	115333	MIX	473450	115885	OLIVE	455121
114771R91	IH	455322	115211	MIX	471870 <sup>28</sup>	115334	MIX	472560N <sup>28</sup>	115887	OLIVE	470764 <sup>28</sup>
114774	HOUGH	415458 <sup>28</sup>	115211	MIX	471883	115334	MIX	50151S	11589	C-R	223014
114774	HOUGH	455003	115214	MIX	450316	11535LPD	JN-MN	473460	11589	SKF	223014
11480	KINNR	471538 <sup>28</sup>	115214	MIX	472636 <sup>28</sup>	11535LUP	JN-MN	473460	11592	C-R	1981
1149	GARLK	450094	115223	MIX	416654 <sup>28</sup>	1154	GARLK	473241 <sup>29</sup>	11592	SKF	1981
1149	GARLK	473462	115223	MIX	455012	1154109	CATER	39881	115950	SPERY	204035
114914	ALLCH	417267	115224	MIX	415995 <sup>28</sup>	115-4120	CATER	39881	115950	VICK	205035
114941	US-EL	327303 <sup>28</sup>	115224	MIX	455013	11544	C-R	450161	11596	C-R	30X37X4
11497LPD	JN-MN	455018	115227	MIX	415142	11544	C-R	471764 <sup>29</sup>	11596	SKF	30X37X4
11497LPD	JN-MN	476470	115229	MIX	471765 <sup>28</sup>	11544	SKF	450161	11598935	CONTI	473237 <sup>28</sup>
11497LUP	JN-MN	455018	11522LPD	JN-MN	410308 <sup>28</sup>	11544	SKF	471764	11599K	CASE	340927
11497LUP	JN-MN	476470	11522LPD	JN-MN	450308	11545	C-R	450161	115A980AAP21	GE	471554 <sup>28</sup>
11498LPD	JN-MN	482253	11522LUP	JN-MN	410308 <sup>28</sup>	11545	C-R	471764 <sup>29</sup>	115A980AB1	GE	472185 <sup>28</sup>
11498LUP	JN-MN	482253	11522LUP	JN-MN	450308	11545	SKF	450161	115A980AD3	GE	481073
11499LPD	JN-MN	50266	115232	MIX	450301	11545	SKF	471764	115A980AD9	GE	470027
11499LUP	JN-MN	50266	115232	MIX	472397 <sup>28</sup>	115456H	IH	415004	115A980AD9	GE	471554 <sup>28</sup>
114PKG	TIMKE	114PKG	115235	MIX	412473 <sup>28</sup>	115456H	IH	417316 <sup>28</sup>	115PKG	TIMKE	115PKG
114R	TIMKE	114PKG	115235	MIX	415894	11551LPD	JN-MN	450389	115R	TIMKE	115PKG
114X140X13SC	TRSCM	114X140X13	115237	MICH	473438	11551LPD	JN-MN	472492 <sup>28</sup>	115X140X12	TIMKE	115X140X12
114X140X13TC	TRSCM	114X140X13	115237	UNIVE	473438	11551LUP	JN-MN	450389	115X140X12SC	TRSCM	115X140X12
115	UNIVE	472394	11524	C-R	471736 <sup>29</sup>	11551LUP	JN-MN	472492 <sup>28</sup>	115X140X12TC	TRSCM	115X140X12
1150	GARLK	450472 <sup>28</sup>	11524	SKF	471736	11552LPD	JN-MN	55301S	115X145X14	TIMKE	115X145X14
11500LPD	JN-MN	415035	115240	MIX	415303 <sup>28</sup>	11552LUP	JN-MN	55301S	115X150X12	TIMKE	115X150X12
11500LPD	JN-MN	415953	115242	MIX	455195	11553	C-R	451182	115X150X12SC	TRSCM	115X150X12
11500LUP	JN-MN	415035	115242	MIX	472157 <sup>28</sup>	11553	SKF	451182	115X150X12TC	TRSCM	115X150X12
11500LUP	JN-MN	415953	115243	UNIVE	473439 <sup>28</sup>	11553	WOODB	471272 <sup>28</sup>	11600	C-R	1129
1150-10509LUP	JN-MN	415076	115244	MICH	473439 <sup>28</sup>	115551	OLIVE	470059	11600	C-R	223005
1150-15072STLUP	JN-MN	415076	115251	MIX	415483 <sup>28</sup>	115551	OLIVE	470380 <sup>28</sup>	11600	C-R	30X40X7 <sup>28</sup>
1150-18708LPD	JN-MN	415077	115251	MIX	455368	11557	C-R	473427 <sup>29</sup>	11600	SKF	1129
115041	C-R	415076 <sup>29</sup>	115252	MIX	416664 <sup>28</sup>	1-1557	SKF	473427	11600	SKF	223005
115041	SKF	415076	115252	MIX	455364	11557LPD	JN-MN	417354 <sup>28,29</sup>	11600	SKF	30X40X7
11507	CHRYS	413470 <sup>28</sup>	115254	MIX	473460	11557LUP	JN-MN	417354 <sup>28</sup>	11601724	CHRYS	471564
11508	BR-WN	470120	115256	MIX	450115	1155860333	MERCE	1012N	11602	C-R	223005
11508	BR-WN	471224 <sup>28</sup>	115256	MIX	473467	1155860635	MERCE	1174	11602	SKF	223005
1150-9019LUP	JN-MN	415077 <sup>29</sup>	115259	MIX	416273 <sup>28</sup>	1155860735	MERCE	1174	11603	C-R	30X40X7
11514	C-R	471707 <sup>29</sup>	115270	MIX	416865 <sup>28</sup>	1155860835	MERCE	1174	11603	SKF	30X40X7
11514	C-R	471707N	115270	MIX	455070	1155861135	MERCE	1174	1160303	FUNK	470954 <sup>28</sup>
11514	SKF	471707	115272	MIX	327303 <sup>28</sup>	11558LPD	JN-MN	455005	11603204	TROS	471472 <sup>28</sup>
11514	SKF	471707N	115273	MIX	417474	11558LUP	JN-MN	455005	116038	US-EL	417350 <sup>28</sup>
11514LPD	JN-MN	471827 <sup>28,29</sup>	115277	MIX	417488 <sup>28</sup>	11561	US-EL	450183	11603805	TROS	473405

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
11604004	TROS	471264 <sup>28</sup>	11625	C-R	223020	11654	C-R	30X56X8	116A05603	TROS	7840S
11604204	TROS	340469	11625	C-R	30X47X7 <sup>28</sup>	11654	SKF	30X56X8	116PKG	TIMKE	116PKG
11604404	TROS	471538 <sup>28</sup>	11625	SKF	223020	11654LPD	JN-MN	481163 <sup>28</sup>	116R	TIMKE	116PKG
11604606	TROS	470506 <sup>28</sup>	11625	SKF	30X47X7	11654LUP	JN-MN	481163 <sup>28</sup>	116T5	WHITE	470064
11604803	TROS	350954	116250	MICH	450067	11655	C-R	3907	116T5	WHITE	471821 <sup>28</sup>
11604803	TROS	470954 <sup>28</sup>	116250	MICH	473228	11655	SKF	3907	11700	C-R	483488
11604804	TROS	470954 <sup>28</sup>	116250	UNIVE	450067	116550117601	ALFAR	223520	11700	SKF	483488
11604805	TROS	470954 <sup>28</sup>	116250	UNIVE	473228	116557	AM WH	471354 <sup>28</sup>	1170107	GMC	5589
116049	CLARK	416229	116256	UNIVE	410190	11659	C-R	30X47X7 <sup>29</sup>	11702	C-R	710065
11605	C-R	1129	1162565	ALLCH	473010 <sup>28</sup>	11659	SKF	30X47X7	11702	SKF	710065
11605	SKF	1129	11626	C-R	223020	116596	HOUGH	471224 <sup>28</sup>	11705	NEWPR	2506
116050	CLARK	450519	11626	SKF	223020	116596H	HOUGH	471224 <sup>28</sup>	11706	NEWPR	2465
116050	CLARK	471271 <sup>28</sup>	116265	HOUGH	450316	116596H1	HOUGH	471224 <sup>28</sup>	117078	GMC	415449 <sup>28</sup>
11605003	TROS	470601	116265	HOUGH	472636 <sup>28</sup>	116596H1	IH	471224 <sup>28</sup>	117078	GMC	455147
11605005	TROS	470601	116265H1	HOUGH	450316	11660LPD	JN-MN	412040 <sup>29</sup>	11708	C-R	223010
11605006	TROS	470601	116265H1	HOUGH	472636 <sup>28</sup>	11660LUP	JN-MN	412040	11708	SKF	223010
11605203	TROS	471539 <sup>28</sup>	116265H1	IH	450316	11662	SKF	223050	117093	WILYS	340787
11605204	TROS	471539 <sup>28</sup>	116265H1	IH	472636 <sup>28</sup>	116646	CLARK	7937N	11709LPD	JN-MN	416892 <sup>28</sup>
11605205	TROS	471539 <sup>28</sup>	1162682	ALLCH	472572 <sup>28</sup>	11665	C-R	30X62X7	11709LUP	JN-MN	416892 <sup>28</sup>
11605603	TROS	340483	1162682	FUNK	472572 <sup>28</sup>	11665	SKF	30X62X7	1171	NATL	223542
11605604	TROS	340483	1162717	ALLCH	416154 <sup>28</sup>	116652	OLIVE	410312N	1171	NATL	35X55X11 <sup>28</sup>
11608	C-R	223010	1162717	FUNK	416154 <sup>28</sup>	11669	C-R	223010	11712	C-R	340817
11608	SKF	223010	116275	MICH	473440 <sup>28</sup>	11669	SKF	223010	11712	SKF	340817
11608	SKF	30X42X7	116275	UNIVE	473440 <sup>28</sup>	1166965	CONTI	473236 <sup>28</sup>	11712	IH	470351
11610	C-R	30X42X7 <sup>28</sup>	116276	MICH	470077	116698	WILYS	340413	117131H1	IH	470351
1-1610	SKF	30X42X7	116276	MICH	474281 <sup>28</sup>	11669LPD	JN-MN	455191 <sup>29</sup>	11719	NAK	280X320X20
11610002	TROS	240731	116299	UNIVE	450326	11669LUP	JN-MN	455191	117225H1	HOUGH	415013
11611	C-R	223010	1163	AT-PL	471787 <sup>28</sup>	11671	C-R	223018	117225H1	HOUGH	415995 <sup>28</sup>
11611	SKF	223010	116311	CLARK	471341 <sup>28</sup>	11671	SKF	223018	117235H1	IH	450444
11612	C-R	223012	11632	C-R	223020	11672	C-R	710460	117235H1	IH	471835 <sup>28</sup>
1-1612	SKF	223012	11632	C-R	30X47X7 <sup>28</sup>	11672	SKF	710460	117237ISL	MICH	452222 <sup>28</sup>
11614	C-R	223012	11632	SKF	223020	116736	AM WH	472394	11728	C-R	470328
11614	C-R	30X44X7 <sup>28</sup>	11632	SKF	30X47X7	116757	ALLCH	415458 <sup>28</sup>	11728	SKF	470328
11614	SKF	223012	116324R91	IH	450365	116757	ALLCH	455003	117-289-E91	IH	370001A
11614	SKF	30X44X7	116324R91	IH	470898	116757	WAUKE	415458 <sup>28</sup>	117289E91	NAVST	370001A
11615	C-R	1981	11635	C-R	30X50X7	116757	WAUKE	455003	117289E91	NAVST	380001A
11615	C-R	30X45X8 <sup>28</sup>	11635	SKF	30X50X7	1167S	TIMKE	1167	1172S	TIMKE	1172
11615	SKF	1981	116352R91	IH	450025	116811	HOUGH	412871 <sup>28</sup>	1173	TIMKE	1173
11615	SKF	30X45X8	116352R91	IH	471553 <sup>28</sup>	116811	HOUGH	450329	11730	C-R	470328 <sup>29</sup>
11616	C-R	223012 <sup>29</sup>	116353R91	IH	417344 <sup>28</sup>	116811H1	HOUGH	412871 <sup>28</sup>	11730	C-R	481213
11616	SKF	223012	116353R91	IH	455006	116811H1	HOUGH	450329	11730	SKF	470328
11617	C-R	223014	116359	HOUGH	5976S	11682694	CONTI	7399S <sup>28</sup>	11730	SKF	481213
11617	SKF	223014	116359H1	IH	340483	116827	BRCWY	450076	1173052	GMC	5589 <sup>30</sup>
1162	GARLK	450474 <sup>29</sup>	11635LPD	JN-MN	417356 <sup>28</sup>	116827	BRCWY	470334 <sup>28</sup>	11731	HWY	410102
11620	C-R	223018	11635LPD	JN-MN	455188	11685	C-R	30X72X7 <sup>28</sup>	11732	EMRSN	473237 <sup>28</sup>
11620	SKF	223018	11635LUP	JN-MN	417356 <sup>28</sup>	11685	SKF	30X72X7	11733	C-R	9487
11622	C-R	1981	11635LUP	JN-MN	455188	11685LPD	JN-MN	417171 <sup>28</sup>	11733	SKF	9487
11622	SKF	1981	11636	C-R	223050	11685LUP	JN-MN	417171 <sup>28</sup>	11734	C-R	473203
116225	UNIVE	470548	11636	SKF	223050	116867	WAUKE	471192	11734	SKF	473203
116225	UNIVE	470625 <sup>28</sup>	1164	AT-PL	450352	1169	NATL	3771	117362R91	IH	476283N
11623	C-R	223020	1164	AT-PL	472164 <sup>28</sup>	11690	C-R	3907	117380	WAUKE	450519
11623	SKF	223020	11640	C-R	223035	11690	SKF	3907	117380	WAUKE	471271 <sup>28</sup>
116237	MICH	470059	11640	C-R	30X52X7 <sup>28</sup>	116905	FPDSL	39869	11739LPD	JN-MN	415142 <sup>29</sup>
116237	MICH	470380 <sup>28</sup>	11640	SKF	223035	11693LPD	JN-MN	415867	11739LUP	JN-MN	415142
116237	UNIVE	470059	11640	SKF	30X52X7	11693LUP	JN-MN	415867	11740	C-R	473425
116237	UNIVE	470380 <sup>28</sup>	11643LPD	JN-MN	417516	116960	WAUKE	450415	11740	SKF	473425
116237SL	MICH	470059	11643LUP	JN-MN	417516	11696LPD	JN-MN	412943	11744	FULLE	415027 <sup>28</sup>
116237SL	MICH	470380 <sup>28</sup>	116456H	IH	417316 <sup>28</sup>	11696LUP	JN-MN	412943	11744	FULLE	45027
116243	UNIVE	471820	11652	C-R	30X55X7 <sup>28</sup>	1169970246	MERCE	710290	1174S	TIMKE	1174
116244	MICH	471820	11652	SKF	30X55X7	1169970346	MERCE	710290	1175144	FMC	471267 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
117565	HOUGH	415995 <sup>28</sup>	117-D6	REO	370349A	118183SB	TRSCM	473425	118424	CLARK	J1127
117565	HOUGH	455013	117D6	WHITE	370036A	11819	BL-KN	471787 <sup>28</sup>	11844	BL-KN	450095
117565H1	HOUGH	415995 <sup>28</sup>	117D6	WHITE	370349A	118192TB	TRSCM	473426	11844	BL-KN	473464 <sup>28</sup>
117565H1	HOUGH	455013	117D6	WHITE	380036A	1182	WMG	224270	11845	BL-KN	415060
117567	HOUGH	417316 <sup>28</sup>	117PKG	TIMKE	117PKG	118202SB	TRSCM	471765 <sup>28</sup>	11846	C-R	40576S
117567H1	HOUGH	415004	117R	TIMKE	117PKG	118202TB	TRSCM	470162	11846	SKF	40576S
117567H1	HOUGH	417316 <sup>28</sup>	11800	C-R	471765	118202TB	TRSCM	471765 <sup>28</sup>	1184610000	BORGW	416154 <sup>28</sup>
117568	HOUGH	412119 <sup>28</sup>	11800	SKF	471765	1182062TB	TRSCM	471354 <sup>28</sup>	118469	BORGW	415437
117568	HOUGH	450101	11801	C-R	471765 <sup>28</sup>	1182111	GMC	451147H	1184690000	BORGW	415437
117598	CLARK	203008	11801	JN SON	J1124	118212SB	TRSCM	473205 <sup>28</sup>	11847	BL-KN	474274
11760	BU-SP	455186	11801	SKF	471765	118225	HOUGH	471267 <sup>28</sup>	118481A1	CASE	370069A
117604	CLARK	473464	118023	HOUGH	417344 <sup>28</sup>	11822SS	JN-MN	473237 <sup>28</sup>	118482A1	CASE	370121A
11763	C-R	472475	11804	C-R	223014	11823	C-R	223010	11848P	IH	412473 <sup>28</sup>
11763	SKF	472475	11804	SKF	223014	11823	SKF	223010	11848P	IH	415894
11764	C-R	472475	118049	HOUGH	39302	118237	UNIVE	472299	1184RC	SUL	417486
11764	SKF	472475	11804LPD	JN-MN	415066 <sup>29</sup>	1182385	GMC	470605 <sup>28</sup>	1185	NATL	1012N
117643	HOUGH	410085	11804LUP	JN-MN	415066	118242SB	TRSCM	474256 <sup>28</sup>	1185	NATL	45X62X8 <sup>28</sup>
117643	HOUGH	470530 <sup>28</sup>	11806	C-R	471765	118243	UNIVE	470064	1185	WMG	1012N
117643H1	HOUGH	470530 <sup>28</sup>	11806	SKF	471765	118243	UNIVE	471821 <sup>28</sup>	1185071	BORGW	471763
117652	AM WH	415072	118068	CLARK	417344 <sup>28</sup>	118244	MICH	470064	1185071	FMC	471763
11769A	HERCU	471570 <sup>28</sup>	118086H1	IH	475012N	118244	MICH	471821 <sup>28</sup>	11851	BL-KN	472015 <sup>28</sup>
1176S	TIMKE	1176	11809	C-R	223020	118250	MICH	450185	1185119	FMC	471801 <sup>28</sup>
1177	TIMKE	1177	11809	SKF	223020	118250	MICH	473229	1185144	FMC	471267 <sup>28</sup>
11771	C-R	40576S	118095	CLARK	473215 <sup>28</sup>	118250	UNIVE	450185	1185295	FMC	350414
11771	SKF	40576S	11809LPD	JN-MN	450523	118250	UNIVE	473229	1185295	FMC	472311 <sup>28</sup>
1177176	FMC	417487	11809LUP	JN-MN	450523	118256	UNIVE	450143	1185296	FMC	470954 <sup>28</sup>
1177176	FMC	455014	1180R	MINNM	6590S	118259	GMC	471763	118-5352	FMC	481397
117720	WAUKE	470712 <sup>28</sup>	1180S	TIMKE	1180	118262	MICH	470682	11854	BL-KN	410308 <sup>28</sup>
1177242	FMC	411376 <sup>28</sup>	118100	C-R		118262	UNIVE	470682	11854	BL-KN	450308
1177242	FMC	455093	300X340X20 <sup>29</sup>			118275	MICH	473441	11854	NAK	78X115X10
1177243	FMC	471747 <sup>28</sup>	118100	SKF	300X340X20	118275	UNIVE	473441	1185485	FMC	471737
1177243	FMC	472674	118103	HOUGH	470120	118276	MICH	450273	118559	BRCWY	412119 <sup>28</sup>
11776	BU-SP	450115	118103	HOUGH	471224 <sup>28</sup>	118276	WILYS	470954 <sup>28</sup>	118559	BRCWY	450101
11776	BU-SP	473467 <sup>28</sup>	118113	BL-KN	415009	118287	MICH	473442 <sup>28</sup>	11855LDS	JN-MN	471424 <sup>28</sup>
11776	C-R	473426 <sup>29</sup>	118113	BL-KN	415960 <sup>28</sup>	118287	UNIVE	473442 <sup>28,29</sup>	1185629	FMC	471766 <sup>28</sup>
11776	SKF	473426	118116	BL-KN	417082	1183	TIMKE	1183	1185630	FMC	200338
11777	C-R	473426 <sup>29</sup>	118118	SIMPL	471224V	11830	BL-KN	473313	1185633	FMC	471633 <sup>28</sup>
11777	SKF	473426	11812	BL-KN	473438	11830LUP	JN-MN	415086N	1185642	FMC	471652
11778	C-R	4813V	118126	BL-KN	416125 <sup>28</sup>	11830LUP	JN-MN	417487 <sup>28</sup>	1185643	FMC	415984 <sup>28</sup>
11778	SKF	4813V	11814	BL-KN	410190	11832	BL-KN	417487	1185687	FMC	471744 <sup>28</sup>
1178	NATL	224015	11815	BL-KN	450154	11832	BL-KN	455086	1185734	FMC	471808 <sup>28</sup>
11780LPD	JN-MN	417158 <sup>28</sup>	11815	BL-KN	473234	11832LPD	JN-MN	416153 <sup>28</sup>	1185735	FMC	471730
11780LPD	JN-MN	455355	11815	JN SON	415437 <sup>28</sup>	11832LUP	JN-MN	416153 <sup>28</sup>	1185769	FMC	473244 <sup>28</sup>
11780LUP	JN-MN	417158 <sup>28</sup>	11815	JN SON	455173	11833	BL-KN	450070	1185777	FMC	471737
11780LUP	JN-MN	455355	11816	BL-KN	450083	11833	BL-KN	472185 <sup>28</sup>	1185882	FMC	471224 <sup>28</sup>
11782	C-R	40576S	11816	BL-KN	472924 <sup>28</sup>	11833	NAK	14X27X7	11859	BL-KN	456105
11782	SKF	40576S	118162SB	TRSCM	481213 <sup>28</sup>	11833LPD	JN-MN	417079	1185929	FMC	472258 <sup>28</sup>
117829A	OSHKO	416297	118162VC	TRSCM	340817	11833LUP	JN-MN	417079	1186	BL-KN	450352
11783A	HERCU	6460S	118163	BL-KN	416024	11834SS	JN-MN	472560N <sup>28</sup>	1186	BL-KN	472164 <sup>28</sup>
11789LPD	JN-MN	415349	118167	BL-KN	415304	11834SS	JN-MN	50151S	1186	COC	471870 <sup>28</sup>
11789LUP	JN-MN	415349	118167	BL-KN	476470 <sup>28</sup>	11835	BL-KN	413469 <sup>28</sup>	1186	COC	471883
1178H	OSHKO	415960 <sup>28</sup>	118168	CLARK	417344 <sup>28</sup>	11836	C-R	40162S	1186	WMG	1979
1178H	OSHKO	455009	118169	BL-KN	416294 <sup>28</sup>	11836	SKF	40162S	1186052	FMC	471224 <sup>28</sup>
1179	NATL	224045	11817	BL-KN	415995 <sup>28</sup>	11837LPD	JN-MN	450389	11863	BL-KN	416706 <sup>28</sup>
11790LPD	JN-MN	417511	11817	BL-KN	455013	11837LPD	JN-MN	472492 <sup>28</sup>	11863	BL-KN	455272
11790LUP	JN-MN	417511	118170	BL-KN	J1123	11837LUP	JN-MN	450389	11863	C-R	710711
117933	CLARK	415303 <sup>28</sup>	118172SB	TRSCM	473203	11837LUP	JN-MN	472492 <sup>28</sup>	11863	SKF	710711
1179RC	SUL	471750 <sup>28</sup>	118172TL-H	TRSCM	473203	1184	NATL	224520	11865	BL-KN	473236 <sup>28</sup>
117A4	WHITE	450115	118173	CLARK	470898	1184	NATL	45X60X10	11866	BL-KN	471762 <sup>28</sup>
117A4	WHITE	473467 <sup>28</sup>	1181788	GMC	451147H	28			11867150	GMC	470027

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
11867150	GMC	471554 <sup>28</sup>	118856	US-EL	472164 <sup>28</sup>	1192233	CHRY	476283N	119573	CLARK	416657
11868	BL-KN	415577	11885665	GMC	340771	11923	C-R	470347	119575	CLARK	416657
1187	BL-KN	411253 <sup>28</sup>	118857	US-EL	470189	11923	C-R	474254 <sup>29</sup>	1195878	HYST	482310
1187	BL-KN	450099	118857	US-EL	471692 <sup>28</sup>	11923	SKF	470347	1195A-15	IH	471835 <sup>28</sup>
1187003	FMC	471570 <sup>28</sup>	118858	US-EL	471192	11923	SKF	474254	1195A-16	IH	450067
1187004	FMC	470120	1188S	TIMKE	1188	11924	CHRY	473204	1195A-16	IH	473228
1187004	FMC	471224 <sup>28</sup>	1189	NATL	1960	11924	NEWPR	473204	1195D1	WHITE	412027
1187006	FMC	470189	1189011	GMC	470774 <sup>28</sup>	119243	UNIVE	450065	1196	ALOY	1992
1187006	FMC	471692 <sup>28</sup>	1189012	GMC	470774 <sup>28</sup>	119244	MICH	450065	1196	TIMKE	1196
1187009	FMC	473215 <sup>28</sup>	11892	AVCO	40568S	1192474	CHRY	417316 <sup>28</sup>	1196233	CHRY	415697 <sup>28</sup>
1187010	FMC	474276 <sup>28</sup>	11892	BL-KN	450185	11924LPD	JN-MN	471231 <sup>28</sup>	1196233	CHRY	455547
1187011	FMC	450066	11892	BL-KN	473229	11924LUP	JN-MN	471231 <sup>28</sup>	119640	CROSS	471760
1187011	FMC	473367 <sup>28</sup>	11893LPD	JN-MN	450339	119250	MICH	482253	119641	CROSS	471763
1187012	FMC	450183	11893LUP	JN-MN	450339	119250	UNIVE	482253	119642	CROSS	470163
1187012	FMC	472179	11894LPD	JN-MN	416664 <sup>28</sup>	1192615	CHRY	6597S	119642	CROSS	471766 <sup>28</sup>
1187013	FMC	470077	11894LPD	JN-MN	455364	119262	MICH	451469	119643	CROSS	472258 <sup>28</sup>
1187013	FMC	474281 <sup>28</sup>	11894LUP	JN-MN	416664 <sup>28</sup>	119262	UNIVE	451469	119644	CROSS	481163 <sup>28</sup>
1187014	FMC	473463	11894LUP	JN-MN	455364	119276	MICH	450274	119645	CROSS	474274
1187015	FMC	450343	1189686	DURA	450463	1192796	GMC	5591 <sup>30</sup>	119646	CROSS	450183
1187016	FMC	415082	11897	C-R	4738N	1192796	WILYS	5591 <sup>30</sup>	119646	CROSS	472179
1187017	FMC	415088 <sup>28</sup>	11897	SKF	4738N	119288	CLARK	415076	119647	CROSS	450117
1187017	FMC	455088	1189726	CHRY	413469 <sup>28</sup>	1193	ALOY	1949	119647	CROSS	472572 <sup>28</sup>
1187020	FMC	474278 <sup>28</sup>	1189732	CHRY	450183	11930	C-R	472432	119648	CROSS	450389
1187020	FMC	480356	1189732	CHRY	472179	11930	C-R	474256 <sup>29</sup>	119648	CROSS	472492 <sup>28</sup>
11872	JNSON	416364 <sup>28</sup>	1189854	GMC	340724 <sup>28</sup>	11930	SKF	472432	119649	CROSS	472015 <sup>28</sup>
1187241	FMC	450291	11899	C-R	710068	11930	SKF	474256	119650	CROSS	410520
1187241	FMC	471141 <sup>28</sup>	11899	SKF	710068	1193133	GMC	5591 <sup>30</sup>	119650	CROSS	471272 <sup>28</sup>
1187242	FMC	450083	118993H1	HOUGH	450084 <sup>28</sup>	1193151	GMC	5591 <sup>30</sup>	119651	CROSS	416271 <sup>28</sup>
1187242	FMC	472924 <sup>28</sup>	118PKG	TIMKE	118PKG	119317	WAUKE	415442 <sup>28</sup>	119652	CROSS	415449 <sup>28</sup>
1187243	FMC	450365	118R	TIMKE	118PKG	11937	US-EL	415498	119652	CROSS	455147
1187243	FMC	470898 <sup>28</sup>	1190	B-L-H	415090	1193752	CHRY	470712 <sup>28</sup>	119653	CROSS	415483 <sup>28</sup>
1187315	FMC	473437	1190	NATL	1955	119393	GOODM	450593 <sup>28</sup>	119653	CROSS	455368
11874	JNSON	J1138	1190	NATL	52X65X9 <sup>28</sup>	119393	JEFF	450593 <sup>28</sup>	119654	CROSS	416664 <sup>28</sup>
1187421	FMC	470347	1190	WMG	1955	1194	NATL	33X50X12	119654	CROSS	455364
1187421	FMC	474254 <sup>28</sup>	119000117600	ALFAR	716484	28			119655	CROSS	417344 <sup>28</sup>
1187447	FMC	205035	119001727704	ALFAR	224250	1194	WMG	33X50X12	119655	CROSS	455006
1187521	FMC	471354 <sup>28</sup>	11904	C-R	5168	28			1196555	GMC	7751H
11875LPD	JN-MN	413246	11904	CHRY	471870 <sup>28</sup>	119427	EATON	9773	119656	CROSS	415281N
11875LPD	JN-MN	413246N	11904	CHRY	471883	119429	EATON	475012N	119657	CROSS	416288 <sup>28</sup>
11875LUP	JN-MN	413246	11904	SKF	5168	119430	EATON	415164N	119658	CROSS	455018
11875LUP	JN-MN	413246N	119049	OLIVE	470059	119431	EATON	475003N	119658	CROSS	476470
1187717	FMC	470045	119049	OLIVE	470380 <sup>28</sup>	119432	EATON	712937	119659	CROSS	416294 <sup>28</sup>
1187717	FMC	476838 <sup>28</sup>	119049	WHITE	470059	119457	EATON	9773	119660	CROSS	415437 <sup>28</sup>
1187718	FMC	417520	119049	WHITE	470380 <sup>28</sup>	119458	EATON	722250	119660	CROSS	455173
1187719	FMC	471750 <sup>28</sup>	11907	C-R	473205 <sup>28</sup>	1194581	GMC	7751H	119661	CROSS	415937 <sup>28</sup>
1187720	FMC	473427	11907	SKF	473205	119459	EATON	712625	119662	CROSS	415379 <sup>28</sup>
1187721	FMC	450115	1191	NATL	52X72X8 <sup>28</sup>	1194729	HYST	471141 <sup>28</sup>	119662	CROSS	455379
1187721	FMC	473467 <sup>28</sup>	11911	C-R	472350 <sup>28</sup>	1194868	HYST	451082	119663	CROSS	417210 <sup>28</sup>
1187722	FMC	450389	11911	SKF	472350	119487	HOUGH	416271 <sup>28</sup>	119664	CROSS	417356 <sup>28</sup>
1187722	FMC	472492 <sup>28</sup>	1191151	MOPAR	6863S <sup>28</sup>	119487	US-EL	471076	119664	CROSS	455188
1187723	FMC	470380 <sup>28</sup>	119132	GAL	416239 <sup>28</sup>	119488	HYST	240698	119665	CROSS	417511
11878	C-R	471354 <sup>28</sup>	11914	C-R	470336	119488	US-EL	472258 <sup>28</sup>	119666	CROSS	416891 <sup>28</sup>
11878	SKF	471354	11914	C-R	474255 <sup>29</sup>	1194A	MASSE	470169	1196668	GMC	473228 <sup>28</sup>
118795H1	HOUGH	410825	11914	SKF	470336	1194A	MASSE	473214	119667	CROSS	415196 <sup>28</sup>
1187OS	JN-MN	473238 <sup>28</sup>	11914	SKF	474255	1194RC	SUL	417513	119668	CROSS	416888 <sup>28</sup>
11881LPD	JN-MN	470351	1191888	CHRY	410101N	1195013	CHRY	471689 <sup>28</sup>	119668	CROSS	455200
11881LPD	JN-MN	471504 <sup>28</sup>	11919	C-R	4748N	1195133	CHRY	474278 <sup>28</sup>	119669	CROSS	416158
11881LUP	JN-MN	470351	11919	SKF	4748N	1195133	CHRY	480356	119670	CROSS	417247 <sup>28</sup>
11881LUP	JN-MN	471504 <sup>28</sup>	1192109	CHRY	475380N	119516H1	HOUGH	455336	119671	CROSS	416167 <sup>28</sup>
118856	US-EL	450352	11921P	IH	417604	1195497	GMC	473442 <sup>28</sup>	119671	CROSS	455091

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
119672	CROSS	415725 <sup>28</sup>	119952	GMC	415645 <sup>28</sup>	11A8285	FED	417487	11B8639	FED	472394
119673	CROSS	415645 <sup>28</sup>	119952	GMC	455104	11A8285	FED	455014	11B8943	FED	411253 <sup>28</sup>
119673	CROSS	455104	1199596	GMC	331301N	11A8318	FED	450194	11B8943	FED	450099
119674	CROSS	417254	1199777	GMC	7751H	11A8318	FED	473010 <sup>28</sup>	11BE0210	WHITE	370048A
119675	CROSS	416666	1199777MPM	GMC	7751H	11A8344	FED	470059	11BE0210	WHITE	370182A
119676	CROSS	415072	1199-A-1665	MERIX	JV701	11A8344	FED	470380 <sup>28</sup>	11BE0210	WHITE	380048A
119677	CROSS	455480 <sup>28</sup>	1199A-1665	ROCKW	JV701	11A8426	FED	415988	11BK126	MACK	415995 <sup>28</sup>
119678	CROSS	415294 <sup>28</sup>	1199-B-1614	MERIX	JV701	11A8486	FED	415960 <sup>28</sup>	11BK126	MACK	455013
119678	CROSS	455294	1199B-1614	ROCKW	JV701	11A8486	FED	455009	11BMT267	MACK	411253 <sup>28</sup>
119679	CROSS	417596	1199-B-1666	MERIX	370006A	11A8558	FED	417355 <sup>28</sup>	11BMT267	MACK	450099
119680	CLARK	415958 <sup>28</sup>	1199B-1666	ROCKW	370006A	11A8600	FED	5751	11BMT340	MACK	417159
119680	CLARK	455958	1199-E-1669	MERIX	JV753	11A8729	FED	473450	11BMT343	MACK	415137 <sup>28</sup>
119680	CROSS	417597	1199E-1669	ROCKW	JV753	11A8921	FED	415458 <sup>28</sup>	11BMT343	MACK	418028
119681	CROSS	415116	1199-E-2059	MERIX	J1129	11A8921	FED	455003	11BMT422	MACK	417344 <sup>28</sup>
119682	CROSS	415551	1199E-2059	ROCKW	J1129	11A8942	FED	470358	11C1677	FED	473215 <sup>28</sup>
119683	CROSS	455406 <sup>28</sup>	1199-E-2527	MERIX	J1134	11A8942	FED	473231 <sup>28</sup>	11C4202	FED	410312N
119684	CROSS	417600	1199E-2527	ROCKW	J1134	11A8975	FED	415960 <sup>28</sup>	11CD0260	WHITE	370048A
119685	CROSS	415124	1199-J-2652	MERIX	J1128	11A8975	FED	455009	11CD0260	WHITE	370182A
1196856	GMC	331301N	1199J-2652	ROCKW	J1128	11A8982	FED	472144 <sup>28</sup>	11CD0260	WHITE	380048A
1196857	GMC	331301N	1199-J-2652X	MERIX	J1128	11A8996	FED	450085	11CH-0210	WHITE	370003A
119686	CROSS	417604	1199J-2652X	ROCKW	J1128	11A8996	FED	470530 <sup>28</sup>	11CH-0210	WHITE	380003A
119687	CROSS	415128	119B152	FED	473205	11A906	OSHKO	411253 <sup>28</sup>	11EHT271	MACK	410316
119688	CROSS	415090	119E70	FWD	415449 <sup>28</sup>	11A906	OSHKO	450099	11EHT271	MACK	472636 <sup>28</sup>
119689	CROSS	415219	119E70	FWD	455147	11A9083	FED	411500	11EHT307	MACK	415147
11968SS	JN-MN	481644	119E-70	HWY	415449 <sup>28</sup>	11A9110	FED	470163	11EHT307	MACK	415449 <sup>28</sup>
119690	CROSS	417606	119E-70	HWY	455147	11A9110	FED	471766 <sup>28</sup>	11S38751	TIMKE	370023A
119692	CROSS	417020	119E-9	HWY	410312N	11A9210	FED	410316	11X013012XX	TIMKE	110X130X12
119693	CROSS	353132	119PKG	TIMKE	119PKG	11A9210	FED	472636 <sup>28</sup>	11X013513XX	TIMKE	110X135X13
119695	CROSS	470120	119R	TIMKE	119PKG	11A9248	FED	472394	11X014012XX	TIMKE	110X140X12
119695	CROSS	471224 <sup>28</sup>	119T5	WHITE	472144 <sup>28</sup>	11A9249	FED	410312N	11X014013XX	TIMKE	110X140X13
119696	CROSS	470358	11A110	BORGW	472164 <sup>28</sup>	11A9250	FED	472394	11X15910A	JOHND	417563
119696	CROSS	473231 <sup>28</sup>	11A1166	FED	416153 <sup>28</sup>	11A9260	FED	410316	11X15911A	JOHND	416380 <sup>28</sup>
119697	CROSS	474276 <sup>28</sup>	11A1208	FED	417344 <sup>28</sup>	11A9260	FED	472636 <sup>28</sup>	11X17X4	FORSH	11X17X4
119698	CROSS	471195 <sup>28</sup>	11A1208	GMC	417344 <sup>28</sup>	11A9327	FED	415147	11X17X4	SIMRT	11X17X4
119698	CROSS	481195	11A1214	FED	417316 <sup>28</sup>	11A9327	FED	415449 <sup>28</sup>	11X17X4SC	TRSCM	11X17X4
119699	CROSS	450400	11A1301	FED	471689 <sup>28</sup>	11A9419	FED	475012N	11X17X4TC	TRSCM	11X17X4
1197	NATL	223240	11A1369	FED	410496 <sup>28</sup>	11A9494	FED	475012N	11X24631A	JOHND	417254
1197	NATL	32X48X8 <sup>28</sup>	11A1466	FED	6635S	11A9506	FED	415449 <sup>28</sup>	11X25647A	JOHND	416011
119700	CROSS	352541	11A2139	FED	410101N	11A9506	FED	455147	11X25647A	JOHND	417621 <sup>28</sup>
119701	CROSS	412871 <sup>28</sup>	11A2398	FED	415023	11A9508	FED	450316	11X414013XX	TIMKE	114X140X13
119701	CROSS	450329	11A2399	FED	473447	11A9508	FED	472636 <sup>28</sup>	11X514012XX	TIMKE	115X140X12
11970SS	JN-MN	40410S	11A2520	FED	415001 <sup>28</sup>	11A9508	NAPCO	450316	11X514513XX	TIMKE	115X145X13
11976A	CONTI	411394 <sup>28</sup>	11A2520	FED	455001	11A9508	NAPCO	472636 <sup>28</sup>	11X514514XX	TIMKE	115X145X14
11976A	CONTI	450317	11A2568	FED	415001 <sup>28</sup>	11A9509	FED	415449 <sup>28</sup>	11X515012XX	TIMKE	115X150X12
11979	JOHND	471869	11A5167	FED	416288 <sup>28</sup>	11A9509	FED	455147	1200	C-R	5460
11979	JOHND	473459	11A6070	FED	5408	11A9577	FED	475009N	1200	SKF	5460
1198	ALOY	416273	11A6071	FED	410085	11A9655	FED	415041	12000444	CORTE	2027
1198	BU-SP	472439	11A6071	FED	470530 <sup>28</sup>	11A9670	FED	410316	12000444B	CORTE	2027
11981	HUB-C	471744 <sup>28</sup>	11A6072	FED	410183N	11A9670	FED	472636 <sup>28</sup>	12001192	CORTE	223020
11981LPD	JN-MN	416267 <sup>28,29</sup>	11A6109	FED	416738 <sup>28</sup>	11A9681	FED	410102	12001192B	CORTE	223020
11981LUP	JN-MN	416267 <sup>28</sup>	11A6109	FED	450096	11A9682	FED	450076	1200-12333LPD	JN-MN	417608
11982LPD	JN-MN	471818 <sup>29</sup>	11A6205	FED	473203	11A9682	FED	470334 <sup>28</sup>	1200-14671STLPD	JN-MN	417608
11982LUP	JN-MN	471818	11A6240	FED	475380N	11A9767	FED	450066	12001483	CORTE	227409
1198434	HYST	416273	11A7033	FED	472164 <sup>28</sup>	11A9767	FED	473367 <sup>28</sup>	12001483B	CORTE	227409
119865	US-EL	416380 <sup>28</sup>	11A7073	FED	472164 <sup>28</sup>	11AE-0210	WHITE	6638S	12001540	CORTE	227409
1198816	HYST	471684 <sup>28</sup>	11A7226	FED	417159	11B10141	NAPCO	55357	12001540B	CORTE	227409
1198816	HYST	471698	11A7227	FED	415137 <sup>28</sup>	11B2363	FED	416654 <sup>28</sup>	12002	HR-DV	471526 <sup>28</sup>
1198RC	SUL	471765 <sup>28</sup>	11A7227	FED	418028	11B2363	FED	455012	12003292	CORTE	711028
11991	BU-SP	415023	11A8151	FED	471192	11B7096	FED	473228 <sup>28</sup>	12003292B	CORTE	711028
119951	GMC	417562	11A8221	FED	473473	11B8381	FED	370036A	1200-3737LPD	JN-MN	417608

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
120060	C-R	417608 <sup>29</sup>	12011445	CORTE	222860	12013897B	CORTE	355660H	12016985	CORTE	710215
120060	SKF	417608	12011445B	CORTE	222860	12013898	CORTE	229005	12016985B	CORTE	710215
12006484	CORTE	100557	12011455	CORTE	224025	12013898B	CORTE	229005	120171	MINNM	350954
12006484B	CORTE	100557	12011455B	CORTE	224025	12013899	CORTE	229005	120171	MINNM	470954 <sup>28</sup>
1200-6951LPD	JN-MN	417608 <sup>29</sup>	12011493	CORTE	223014	12013899B	CORTE	229005	120171	OLIVE	350954
12006LPD	JN-MN	470334 <sup>28</sup>	12011493B	CORTE	223014	12013929	CORTE	225500	120171	OLIVE	470954 <sup>28</sup>
12006LUP	JN-MN	470334 <sup>28</sup>	12011495	CORTE	223535	12013929B	CORTE	225500	12017121	CORTE	710587
12007	HR-DV	471443	12011495B	CORTE	223535	12013949	CORTE	713087	12017121B	CORTE	710587
12007	HR-DV	481443 <sup>28</sup>	12011504	CORTE	1999	12013949B	CORTE	713087	12017124	CORTE	710803
12007LPD	JN-MN	450066	12011504B	CORTE	1999	12014	C-R	710492	12017124B	CORTE	710803
12007LPD	JN-MN	473367 <sup>28</sup>	12011539	CORTE	223035	12014	HR-DV	350156	12017269	CORTE	1176
12007LUP	JN-MN	450066	12011539B	CORTE	223035	12014	HR-DV	473096	12017269B	CORTE	1176
12007LUP	JN-MN	473367 <sup>28</sup>	12011550	NOK	1953	12014	SKF	710492	12017270	CORTE	224520
12009	ONAN	450269	12011691	CORTE	712008	12014402	CORTE	3772	12017270B	CORTE	224520
1200-9030LUP	JN-MN	417608	12011691B	CORTE	712008	12014402B	CORTE	3772	12017376	CORTE	710616
12010	HERCU	410101N	12011839	CORTE	223010	12014403	CORTE	223005	12017376B	CORTE	710616
12010666	CORTE	223010	12011839B	CORTE	223010	12014403B	CORTE	223005	12018	HR-DV	471760
12010666B	CORTE	223010	12012008	CORTE	9912	12014404	CORTE	3774	12018360	CORTE	1962
12010669	CORTE	223520	12012008B	CORTE	9912	12014404B	CORTE	3774	12018360B	CORTE	1962
12010669B	CORTE	223520	12012045	CORTE	716484	12014494	CORTE	710613	12018806	CORTE	710190
12010673	CORTE	223005	12012045B	CORTE	716484	12014494B	CORTE	710613	12018806B	CORTE	710190
12010673B	CORTE	223005	12012129	CORTE	224235	12014523	CORTE	710237	12019597	CORTE	710798
12010674	CORTE	223010	12012129B	CORTE	224235	12014523B	CORTE	710237	12019597B	CORTE	710798
12010674B	CORTE	223010	12012248	CORTE	710289	12014827	CORTE	228010	1201K1	WHITE	323138 <sup>28</sup>
12010684	CORTE	224052	12012248B	CORTE	710289	12014827B	CORTE	228010	120243	UNIVE	450066
12010684B	CORTE	224052	12012249	CORTE	710288	12014993	CORTE	710794	120243	UNIVE	473367 <sup>28</sup>
12010699	CORTE	710271	12012249B	CORTE	710288	12014993B	CORTE	710794	120244	MICH	450066
12010699B	CORTE	710271	12012250	CORTE	224520	12015256	CORTE	716102	120244	MICH	473367 <sup>28</sup>
12010739	CORTE	710618	12012250B	CORTE	224520	12015256B	CORTE	716102	120250	MICH	450194
12010739B	CORTE	710618	12012347	CORTE	716102	12015257	CORTE	716102	120250	MICH	473010 <sup>28</sup>
12010773	CORTE	221207	12012347B	CORTE	716102	12015257B	CORTE	716102	120250	UNIVE	450194
12010773B	CORTE	221207	12012411	CORTE	223035	12015283	CORTE	710197	120250	UNIVE	473010 <sup>28</sup>
12010874	CORTE	222820	12012411B	CORTE	223035	12015283B	CORTE	710197	12025770	CORTE	223220
12010874B	CORTE	222820	12012579	CORTE	229005	12015352	CORTE	228010	12025770B	CORTE	223220
12010895	CORTE	710681	12012579B	CORTE	229005	12015352B	CORTE	228010	12026	HR-DV	472164 <sup>28</sup>
12010895B	CORTE	710681	12012709	CORTE	3476	12015546	CORTE	3393	120262	MICH	450069
12010931	CORTE	224052	12012709B	CORTE	3476	12015546B	CORTE	3393	120262	MICH	473232
12010931B	CORTE	224052	12012761	CORTE	710934	12015555	CORTE	1188	120268	UNIVE	481864
12010951	CORTE	224520	12012761B	CORTE	710934	12015555B	CORTE	1188	120269	MICH	481864
12010951B	CORTE	224520	12013416	CORTE	223540	12015556	CORTE	224040	120275	MICH	474274
12010966	CORTE	1209	12013416B	CORTE	223540	12015556B	CORTE	224040	120275	UNIVE	474274
12010966B	CORTE	1209	12013458	CORTE	710824	12015674	CORTE	1172	120276	MICH	450275
12010969	CORTE	239146	12013458B	CORTE	710824	12015674B	CORTE	1172	120287	MICH	450078
12010969B	CORTE	239146	12013459	CORTE	3771	12015711	CORTE	710127	120287	MICH	473444
12011	C-R	31X44X8	12013459B	CORTE	3771	12015711B	CORTE	710127	120287	UNIVE	450078
12011	SKF	31X44X8	12013698	CORTE	710642	12015750	CORTE	222742	120287	UNIVE	473444
12011116	CORTE	222030	12013698B	CORTE	710642	12015750B	CORTE	222742	120299	UNIVE	450415
12011116B	CORTE	222030	12013858	CORTE	710399	12015779	CORTE	1955	120300	UNIVE	414268 <sup>28</sup>
12011129	CORTE	222820	12013858B	CORTE	710399	12015779B	CORTE	1955	120300	UNIVE	450539
12011129B	CORTE	222820	12013859	CORTE	1172	12015885	CORTE	711028	12030A	HERCU	450183
12011131	CORTE	223005	12013859B	CORTE	1172	12015885B	CORTE	711028	12030A	HERCU	472179
12011131B	CORTE	223005	12013865	CORTE	225020	12015A	HR-DV	471733	12031A	HERCU	417488 <sup>28</sup>
12011153	CORTE	1962	12013865B	CORTE	225020	12016	CLIMX	470045	12032074	CORTE	222540
12011153B	CORTE	1962	12013882	CORTE	228008	12016	CLIMX	476838 <sup>28</sup>	12032074B	CORTE	222540
12011154	CORTE	1174	12013882B	CORTE	228008	12016300	CORTE	714436	120325	UNIVE	450467
12011154B	CORTE	1174	12013892	CORTE	228480	12016300B	CORTE	714436	12033A	HERCU	472439
12011164	CORTE	224462	12013892B	CORTE	228480	120165H	IH	412871 <sup>28</sup>	12034A	HERCU	450389
12011164B	CORTE	224462	12013894	CORTE	1208	120165H	IH	450329	12034A	HERCU	472492 <sup>28</sup>
12011438	CORTE	227040	12013894B	CORTE	1208	12016928	CORTE	710651	12038LUP	JN-MN	471526 <sup>28</sup>
12011438B	CORTE	227040	12013897	CORTE	355660H	12016928B	CORTE	710651	12043247	GMC	9845

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
12-048027	FAIRB	450067	12078LUP	JN-MN	417596	12124	SKF	203025	1218027	VOLVO	228009
12-048027	FAIRB	473228	1208	C-R	370005A	12124LPD	JN-MN	473421	1218027-9	VOLVO	228009
1205302	BMW	239146	1208	SKF	370005A	12124LUP	JN-MN	473421	1218072	FMC	471689 <sup>28</sup>
1205375	HOUGH	417316 <sup>28</sup>	12089LPD	JN-MN	415938 <sup>29</sup>	121250	MICH	450260	12182390	VOLVO	1172
1205-B-1250	MERIX	370025A	12089LUP	JN-MN	415938	121250	UNIVE	450260	12182TB	TRSCM	471737
1205-B-1250	MERIX	380025A	1208RC	SUL	450025	121268	UNIVE	450073	12183539	VOLVO	228010
1205-B-1250	MERIX	386025A	1208RC	SUL	471553 <sup>28</sup>	121269	MICH	450073	1218389-3	VOLVO	228010
1205-B-1250	ROCKW	370025A	1208S	TIMKE	1208	121277	CLARK	415304	12184LUP	JN-MN	5115
1205-B-1250	ROCKW	380025A	12092	ONAN	470027	121277	CLARK	476470 <sup>28</sup>	12187	C-R	710516
1205-B-1250	ROCKW	386025A	12092	ONAN	471554 <sup>28</sup>	121305	CLARK	413247 <sup>28</sup>	12187	SKF	710516
1205-B-2264	MERIX	370001A	120966	HOUGH	240735	12131	C-R	450173	121896	KOEH	417509
1205-B-2264	MERIX	380001A	12098A	CONTI	455194	12131	SKF	450173	1218B	GOODM	470548
1205-B-2264	ROCKW	370001A	120 997 03 46	MERCE	710289	1213305	CLARK	413247 <sup>28</sup>	1218B	GOODM	470625 <sup>28</sup>
1205-B-2264	ROCKW	380001A	1209N	TIMKE	1209	12133A	VICK	417600	1219	C-R	370009A
1205-D-1850	MERIX	370037A	120A04805	TROS	480821 <sup>28</sup>	121374R91	IH	471787 <sup>28</sup>	1219	C-R	380009A
1205-D-1850	MERIX	370338A	120A05604	TROS	340413	12137A	HERCU	474278 <sup>28</sup>	1219	SKF	370009A
1205D-1850	ROCKW	370037A	120A1000.25	TROS	342517	12137A	HERCU	480356	1219	SKF	380009A
1205D-1850	ROCKW	370338A	120PKG	TIMKE	120PKG	12139	JNSON	416664 <sup>28</sup>	1219114	FMC	473437
1205-E-1851	MERIX	370036A	120R	TIMKE	120PKG	1213A027	MITSU	710620	12192VB	TRSCM	204507 <sup>28</sup>
1205-E-1851	MERIX	370349A	120X140X13SC	TRSCM		1213N	TIMKE	1213N	12192VH	TRSCM	204507 <sup>28</sup>
1205-E-1851	MERIX	380036A	120X140X13 <sup>28</sup>			1214	C-R	370024A	12194KB	TRSCM	8429S
1205E-1851	ROCKW	370036A	120X140X13TC	TRSCM		1214	SKF	370024A	12194VB	TRSCM	203029
1205E-1851	ROCKW	370349A	120X140X13 <sup>28</sup>			1214072	BMW	1992	12194VHY	TRSCM	204029
1205E-1851	ROCKW	380036A	120X145X12SC	TRSCM		12146	JNSON	415196 <sup>28</sup>	12195	CLAYN	470077
1205-L-1260	MERIX	370065A	120X145X12 <sup>28</sup>			121477R91	IH	475380N	12195	CLAYN	474281 <sup>28</sup>
1205-L-1260	MERIX	380065A	120X145X12TC	TRSCM		121482	CASE	412015V	121954SB	TRSCM	3199
1205L-1260	ROCKW	370065A	120X145X12 <sup>28</sup>			12149LPD	JN-MN	415124 <sup>29</sup>	12196	CLAYN	473313
1205L-1260	ROCKW	380065A	120X150X12	TIMKE	120X150X12	12149LUP	JN-MN	415124	121964VB	TRSCM	203012
1205-M-1469	MERIX	370037A	120X150X12SC	TRSCM	120X150X12	1215	C-R	370003A	12196LUP	JN-MN	417365
1205-M-1469	MERIX	370338A	120X150X12TC	TRSCM	120X150X12	1215	C-R	380003A	121972VB	TRSCM	441319
1205M-1469	ROCKW	370037A	1210	WMG	224015	1215	SKF	370003A	121974VB	TRSCM	203025
1205M-1469	ROCKW	370338A	12100	MICH	471103 <sup>28</sup>	1215	SKF	380003A	121982TB	TRSCM	471750 <sup>28</sup>
1205-P-1212	MERIX	370025A	12100	MICH	50197S	12150A	HERCU	471795	121982TB	TRSCM	471750V
1205-P-1212	MERIX	380025A	12100	UNIVE	471103 <sup>28</sup>	12151VB	TRSCM	240736 <sup>28</sup>	121982VAY	TRSCM	470049
1205-P-1212	MERIX	386025A	12100	UNIVE	50197S	12151VB	TRSCM	343186	121982VH	TRSCM	7781S
1205P-1212	ROCKW	370025A	12-100210	TW-CO	415995 <sup>28</sup>	12152257	DE-AL	229005	121PKG	TIMKE	121PKG
1205P-1212	ROCKW	380025A	12-100210	TW-CO	455013	12156LPD	JN-MN	417504	121R	TIMKE	121PKG
1205P-1212	ROCKW	386025A	1210076	TW-CO	413246	12156LUP	JN-MN	417504	122	WGEAR	455480 <sup>28</sup>
1205-T-774	MERIX	370120A	1210076	TW-CO	413246N	12158	JNSON	J1130	12202TB	TRSCM	470163
1205-T-774	ROCKW	370120A	121012	CLARK	7700S <sup>28</sup>	1215960	FORD	710618	12202TB	TRSCM	471766 <sup>28</sup>
1205-X-752	MERIX	6954S	121017H1	HOUGH	470358	12159LPD	JN-MN	415937 <sup>28</sup>	12202TB	TRSCM	471766V
1205X-752	ROCKW	6954S	121017H1	HOUGH	473231	1216	ALOY	1012N	12202VH	TRSCM	200338
1206	ALOY	1196	12102953	BMW	473823	12160	CALI	415577	12202VH	TRSCM	40652S
1206	C-R	370024A	12102954	BMW	473823	12161VB	TRSCM	240356 <sup>28</sup>	12204	WITTE	450030
1206	SKF	370024A	12110	JNSON	J1118	12161VB	TRSCM	340356	12204	WITTE	474253 <sup>28</sup>
12060LPD	JN-MN	415284	12110	O-M	J1118	12162SB	TRSCM	474278 <sup>28</sup>	122062TB	TRSCM	470244
12060LUP	JN-MN	415284	12112130014	STERL	710329	12162SB	TRSCM	6859S	122062TB	TRSCM	471787 <sup>28</sup>
120632H	IH	5MR71	12112130017	STERL	710329	12162VTB	TRSCM	473135V	122062VH	TRSCM	41787S
1206OS	JN-MN	450316	12115LPD	JN-MN	415379 <sup>28</sup>	12163LPD	JN-MN	472012	1 220 978	FORD	3772
1206OS	JN-MN	472636 <sup>28</sup>	12115LPD	JN-MN	455379	12163TB	TRSCM	480356	12209LUP	JN-MN	416102
1207	C-R	370019A	1211759	FORD	710600	12164SS	JN-MN	487945	1220B	GOODM	450067
1207	SKF	370019A	121194VB	TRSCM	203016	12165	C-R	203025	1220B	GOODM	473228
12070	JNSON	415984 <sup>28</sup>	1212	ALOY	1953	12165	SKF	203025	1220D	GOODM	450067
120728	GMC	418028	12121	C-R	203016	121693	CLARK	472924 <sup>28</sup>	1220D	GOODM	473228
120728	GMC	455137 <sup>28</sup>	12121	SKF	203016	1217	TIMKE	1217	1221	ALOY	1955
12075	BENDI	471442 <sup>28</sup>	12122LPD	JN-MN	455194 <sup>29</sup>	12172TB	TRSCM	471413 <sup>28</sup>	1221	C-R	370036A
1207619	FORD	713087	12122LUP	JN-MN	455194	12172TBY	TRSCM	7412S	1221	C-R	370349A
12076LPD	JN-MN	470954 <sup>28</sup>	12123	C-R	450048	12172VHY	TRSCM	40140S	1221	C-R	380036A
12076LUP	JN-MN	470954 <sup>28</sup>	12123	SKF	450048	12172VSB	TRSCM	471413V	1221	SKF	370036A
12078LPD	JN-MN	417596	12124	C-R	203025	12173TC	TRSCM	470140N	1221	SKF	370349A

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1221	SKF	380036A	122318	UNIVE	450533	12279-1HC0A	NISSA	710621	12296-31U11	NISSA	710363
12210LPD	JN-MN	473422	12232F	IH	415001 <sup>28</sup>	12279-1LA0A	NISSA	228411	12296-31U15	NISSA	710363
12212	FUNK	415836	12232F	IH	455001	12279-1N500	NISSA	228411	12296-31U20	NISSA	710363
12212	FUNK	415995 <sup>28</sup>	12233TB	TRSCM	471808 <sup>28</sup>	12279-1N510	NISSA	228411	12296-JA10A	NISSA	710881
12212TB	TRSCM	470245	12233TB	TRSCM	471818	1227921000	NISSA	228010	122D6	WHITE	55353
12212TB	TRSCM	471795	122407A	HARWA	12X24X7	12279-21010	NISSA	228010	122G23137	GR-DV	455186
12212VSB	TRSCM	482230N	122407XX	TIMKE	12X24X7	12279-2B500	NISSA	228009	122G32137	GR-DV	455186
122134	CLARK	J1138	122411R91	IH	7600S	12279-2B501	NISSA	228009	122PKG	TIMKE	122PKG
122135	CLARK	415938	12243	JNSON	415234 <sup>28</sup>	12279-30P00	NISSA	228410	122R	TIMKE	122PKG
122169	LETN	J1124	12244SS	JN-MN	342613 <sup>28</sup>	12279-33P00	NISSA	228410	123	WGEAR	417254
122169	WABCO	J1124	1225	C-R	370036A	12279-3HC0A	NISSA	710621	12301	C-R	710332
122170	LETN	415437	1225	C-R	370349A	12279-3HC0B	NISSA	710621	12301	SKF	710332
122170	WABCO	415437	1225	C-R	380036A	12279-3TA0A	NISSA	228411	12302	GWJ	415027 <sup>28</sup>
122177	LETN	471760	1225	SKF	370036A	12279-3TS0A	NISSA	228411	12302	GWJ	455027
122177	WABCO	471760	1225	SKF	370349A	12279-41B00	NISSA	228410	12302148	GMC	442874
122197	LETN	471554 <sup>28</sup>	1225	SKF	380036A	12279-42L00	NISSA	228009	12302149	GMC	472394
122197	WABCO	471554 <sup>28</sup>	12250	C-R	710172	12279-4Z000	NISSA	228411	12302150	GMC	482126
1222	C-R	370036A	12250	SKF	710172	12279-4Z001	NISSA	228411	12302151	GMC	4148
1222	C-R	370349A	12253	GEM	472560N <sup>28</sup>	12279-53J10	NISSA	228410	12302157	GMC	9128S
1222	C-R	380036A	12253	GEM	50151S	12279-55Y00	NISSA	228411	12302159	GMC	412119 <sup>28</sup>
1222	SKF	370036A	12253LPD	JN-MN	416297	12279-58500	NISSA	228009	12302159	GMC	472856
1222	SKF	370349A	12255R	OLIVE	415036	12279-58S00	NISSA	228009	12303044	GMC	7412S
1222	SKF	380036A	12256	JNSON	J1111	12279-5L300	NISSA	228013	12303046	GMC	9613S
1222	UNIVE	455037	12258	JNSON	416273 <sup>28</sup>	12279-5L310	NISSA	228009	12303049	GMC	472560N <sup>28</sup>
12220	C-R	710824	12259	DIVCO	410308 <sup>28</sup>	12279-6F90A	NISSA	710849	12303049	GMC	50151S
12220	SKF	710824	12259	DIVCO	450308	12279-6N200	NISSA	228411	12303279	GMC	471271
122200	LETN	472185 <sup>28</sup>	12259	HUGKE	410308 <sup>28</sup>	12279-6N210	NISSA	228410	12303280	GMC	6815
122200	WABCO	472185 <sup>28</sup>	12259	HUGKE	450308	12279-75T00	NISSA	228009	12303289	GMC	2146
122207XX	TIMKE	12X22X7	1226	C-R	370036A	12279-77A05	NISSA	228410	12303340	GMC	8935S
122216A	OSHKO	455820	1226	C-R	370349A	12279-77A06	NISSA	228410	12303342	GMC	6936S
1222309	WOOL	416011	1226	C-R	380036A	12279-77A10	NISSA	228410	12303387	GMC	473468
1222309	WOOL	417621 <sup>28</sup>	1226	CLARK	470064	12279-85G00	NISSA	228009	12303465	GMC	7934S
122250	MICH	450154	1226	CLARK	471821 <sup>28</sup>	12279-85Y00	NISSA	228411	12303469	GMC	8835S
122250	MICH	473234	1226	SKF	370036A	12279-8ZV00	NISSA	228009	12303470	GMC	40316S
122250	UNIVE	450154	1226	SKF	370349A	12279-8A600	NISSA	228010	12303471	WMG	51322
122250	UNIVE	473234	1226	SKF	380036A	12279-AD200	NISSA	228410	12303524	GMC	417487
12225-82Z00	SUZUK	228411	122606	CLARK	417364	12279-AD205	NISSA	228410	12303524	GMC	455086
12225-82Z02	SUZUK	228411	122607	CLARK	415551	12279-D0100	NISSA	228410	12303585	GMC	44052
122262	MICH	473235 <sup>28</sup>	122664	CLARK	370020A	12279-ED000	NISSA	710621	12303587	GMC	44053
122262	UNIVE	473235 <sup>28</sup>	12267776	GMC	471652	12279-ET000	NISSA	710621	12303595	GMC	417480 <sup>28</sup>
122268	UNIVE	470074	12267800	GMC	471267V	12279-H1000	NISSA	712006	12303595	GMC	455860
122268	UNIVE	474265	122690	HOUGH	471869	12279-H2300	NISSA	712006	12303596	GMC	415958 <sup>28</sup>
122269	MICH	470074	122690	HOUGH	473459	12279-H2301	NISSA	712006	12303596	GMC	455958
122269	MICH	474265	122690H1	HOUGH	471869	12279-H2310	NISSA	712006	12303603	GMC	9449
12227	CLAYN	410312N	122690H1	HOUGH	473459	12279-H2311	NISSA	712006	12303604	GMC	9845
122275	MICH	473236 <sup>28</sup>	12270LUP	JN-MN	416557	12279-R4600	NISSA	228010	12303761	GMC	2146
122275	UNIVE	473236 <sup>28</sup>	12273-77A05	NISSA	228410	12279-R4601	NISSA	228010	12303767	GMC	342805
12227-85Z00	SUZUK	710237	122740	CLARK	413248	12279-R4610	NISSA	228010	12303771	GMC	240735
122287	MICH	473446	12278B	HERCU	415196 <sup>28</sup>	12279-R4611	NISSA	228010	12303772	GMC	340151
122287	UNIVE	473446 <sup>29</sup>	12279-01M00	NISSA	228009	12279-T7200	NISSA	228009	12303833	ACDEL	370009A
12228-85Z00	SUZUK	224200	12279-05U10	NISSA	228009	12279-T7201	NISSA	228009	12303833	ACDEL	380003A
1223	C-R	370036A	12279-0M300	NISSA	228410	12279-T7202	NISSA	228009	12303833	ACDEL	380009A
1223	C-R	370349A	12279-0M310	NISSA	228411	12279-T7203	NISSA	228009	12303834	ACDEL	370012A
1223	C-R	380036A	12279-18000	NISSA	712006	12279-V1700	NISSA	228009	12303835	ACDEL	370018A
1223	SKF	370036A	12279-18001	NISSA	712006	122807XX	TIMKE	12X28X7	12303836	ACDEL	370019A
1223	SKF	370349A	12279-18010	NISSA	712006	12283TB	TRSCM	470806	12303837	ACDEL	370021A
1223	SKF	380036A	12279-18V00	NISSA	228410	12294LPD	JN-MN	473440 <sup>28</sup>	12303838	ACDEL	370001A
122306	MICH	470086	12279-1E00	NISSA	228410	12296-31U00	NISSA	710363	12303838	ACDEL	380001A
122306	UNIVE	470086 <sup>29</sup>	12279-1E000	NISSA	228411	12296-31U01	NISSA	710363	12303840	ACDEL	370023A
122309	WOOL	417159	12279-1F700	NISSA	228411	12296-31U10	NISSA	710363	12303840	ACDEL	380023A

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
12303841	ACDEL	370024A	12304882	GMC	455355	12329	SKF	251511	12361	SKF	40140S
12303842	ACDEL	370025A	12304883	GMC	475003N	1232922	VOLVO	1176	1236163	GMC	2689S
12303842	ACDEL	380025A	12304890	GMC	415009	1232922-3	VOLVO	1176	1236164	GMC	2689S
12303842	ACDEL	380131A	12304890	GMC	415960 <sup>2B</sup>	1233	ALOY	1183	1236165	GMC	2689S
12303842	ACDEL	386025A	12304894	GMC	2655	12330	C-R	343186	12363	C-R	7412S
12303845	ACDEL	370031A	12304898	GMC	415991 <sup>2B</sup>	12330	SKF	343186	12363	SKF	7412S
12303845	ACDEL	380031A	12304898	GMC	415991N	1233009	VOLVO	223830	1236324	GMC	2043
12303846	ACDEL	370033A	123048H1	IH	470403	123315	CUMMI	416404 <sup>2B</sup>	12364	C-R	471413 <sup>2B</sup>
12303853	ACDEL	370003A	123048H1	IH	470774 <sup>2B</sup>	12332J	DIA	410708	12364	SKF	471413
12303853	ACDEL	380003A	12304975	GMC	8460N	12333LPD	JN-MN	417608	12364LPD	JN-MN	472020
12303854	ACDEL	370065A	12305064	GMC	8549S	12334	C-R	340356	12365LUP	JN-MN	417598
12303854	ACDEL	380065A	12305068	GMC	2043	12334	SKF	340356	12366LPD	JN-MN	417351 <sup>2B</sup>
12303855	ACDEL	370106A	12305146	GMC	473228	12335	C-R	473135V	12367LPD	JN-MN	417543
12303889	ACDEL	376590A	12305146	GMC	51098	12335	SKF	473135V	12369	C-R	40140S
12303892	ACDEL	370005A	12305147	GMC	470331N	1233500068	MERCE	1174	12369	SKF	40140S
12303893	ACDEL	370006A	12305151	GMC	410737 <sup>2B</sup>	12336	C-R	6859S	12371	C-R	471413 <sup>2B</sup>
12303902	GMC	1209	12305152	GMC	340797	12336	SKF	6859S	12371	SKF	471413
12303907	GMC	9406S	12305156	GMC	410308 <sup>2B</sup>	12336358	GMC	710162	12375	C-R	240949
12303910	GMC	484058	12305159	GMC	5202	12336T2	DIA	450154	12375	SKF	240949
12303911	GMC	340356	12305161	GMC	5203	12336T2	DIA	473234	12375801	GMC	6663S
12303912	GMC	482253	12305166	GMC	450494	12337	C-R	473135V	12376128	GMC	710960
12303932	ACDEL	3945	12305166	GMC	472164 <sup>2B</sup>	12337	SKF	473135V	123767	CLARK	345035
12303932	GMC	3945	12305167	GMC	450519	1233756	VOLVO	224052	123779	CLARK	415389N
12304126	GMC	8660S	12305167	GMC	471271 <sup>2B</sup>	1233756-4	VOLVO	224052	123805R91	IH	370020A
12304127	WMG	9161	12305173	GMC	2506	12337LUP	JN-MN	471281 <sup>2B</sup>	123805R91	IH	415351 <sup>2B</sup>
12304134	GMC	415085 <sup>2B</sup>	12305279	GMC	417355 <sup>2B</sup>	12338023	GMC	710101	12382733	GMC	223020
12304134	GMC	456648	12305279	GMC	485497	12338F	DIA	450316	12383	C-R	471737
12304152	GMC	9376	12305284	GMC	3604	12338F	DIA	472636 <sup>2B</sup>	12383	SKF	471737
12304153	GMC	5072	12305323	GMC	1180	1234	WHITE	471643 <sup>2B</sup>	12384	C-R	471737
12304155	GMC	417158 <sup>2B</sup>	12305323	GMC	41X55X7 <sup>2B</sup>	12340	C-R	471413V	12384	SKF	471737
12304206	GMC	6960	12305324	GMC	41X56X7 <sup>2B</sup>	12340	SKF	471413V	12384477	GMC	3946
12304208	GMC	8974S	12305328	GMC	2286	123409	CLARK	416158	123848	CLARK	370012A
12304209	GMC	8975S	12305329	GMC	7687S	12343	C-R	471413V	12386	C-R	471737
12304210	GMC	8976S	12305330	GMC	6988H	12343	SKF	471413V	12386	SKF	471737
12304211	GMC	40769S	12305331	GMC	7188S	1234498	GMC	712146	12386077	GMC	4638N
12304213	GMC	9178S	12307	GWI	415832	1234705	BENDI	471442 <sup>2B</sup>	12387291	GMC	4525V
12304224	GMC	2692	1230781	FMC	471689 <sup>2B</sup>	1234727	BENDI	470120	12388154	GMC	127591
12304269	GMC	3087	123111	ALLCH	415995 <sup>2B</sup>	1234727	BENDI	471224 <sup>2B</sup>	12388154	GMC	710959
12304270	GMC	4250	123111	ALLCH	455013	1234835	BENDI	6863S <sup>2B</sup>	1238D	CALI	416008
12304273	GMC	6781	1232	ALOY	1174	1234836	BENDI	471535 <sup>2B</sup>	1239	ALOY	1180
12304275	GMC	7381S	12320	C-R	710101	123486	CLARK	471272 <sup>2B</sup>	12396	C-R	3199 <sup>29</sup>
12304277	GMC	2081	12320	SKF	710101	1234885	BENDI	470954 <sup>2B</sup>	12396	SKF	3199
12304280	GMC	2689S	123207A	HARWA	12X32X7	1234896	BENDI	410496 <sup>2B</sup>	12398	C-R	203012 <sup>29</sup>
12304285	GMC	8792S	123207XX	TIMKE	12X32X7	1234899A	BENDI	471344	12398	SKF	203012
12304286	GMC	9599S	123208	CLARK	470543	12350	C-R	474278 <sup>2B</sup>	12399	C-R	203012
12304289	GMC	5095	123208	CLARK	474272 <sup>2B</sup>	12350	SKF	474278	12399	SKF	203012
12304290	GMC	5796	12321118	GMC	471570	123507XX	TIMKE	12X35X7	123G63-99	GR-DV	470163
12304330	GMC	1955	123222SB	TRSCM	8293S	12355	C-R	471413 <sup>2B</sup>	123G63-99	GR-DV	471766 <sup>2B</sup>
12304330	GMC	52X65X9 <sup>2B</sup>	12325	C-R	251511	12355	C-R	7412S	123PKG	TIMKE	123PKG
12304512	GMC	8610	12325	SKF	251511	12355	SKF	471413	123R	TIMKE	123PKG
12304515	GMC	411330N	12326	EMRSN	471737	12355	SKF	7412S	1240037843	COLLS	450183
12304519	GMC	481181N	123262	MICH	450068	1235500	DRESS	471765 <sup>2B</sup>	1240037843	COLLS	472179
12304521	GMC	6712NA	123262	UNIVE	450068	123550005	EL-MO	471765 <sup>2B</sup>	124025	CLARK	417283
12304639	GMC	8429S	123270	HYST	415960	12357LDS	JN-MN	415263	124026	CLARK	JV1190
12304644	GMC	40286	12328	C-R	240736	1235860035	MERCE	1174	12403605	TROS	471551 <sup>2B</sup>
12304646	GMC	471652	12328	SKF	240736	1235A	CALI	412943	12403806.5	TROS	455018
12304646	GMC	482208 <sup>2B</sup>	123285	AM WH	417570	12360	C-R	712025	12403806.5	TROS	476470
12304720	WMG	7412S	123287	MICH	50081	12360	SKF	712025	12404	C-R	203029
12304725	GMC	7038SA	123287	UNIVE	50081 <sup>29</sup>	12361	C-R	40140S	12404	SKF	203029
12304882	GMC	417158 <sup>2B</sup>	12329	C-R	251511	12361	GMC	40140S	12404004	TROS	471255 <sup>2B</sup>

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
12404006	TROS	471255 <sup>28</sup>	124250	UNIVE	450352	1244	ALOY	224820	12479250	GMC	710548
124040065	TROS	471255 <sup>28</sup>	124250	UNIVE	472164 <sup>28</sup>	1244	ALOY	48X62X8 <sup>28</sup>	12479267	GMC	710549
12404205	TROS	481073	124256	UNIVE	450361	1244	C-R	4561V	12479302	GMC	710686
12404404	TROS	471553 <sup>28</sup>	124256	UNIVE	472193 <sup>28</sup>	1244	C-R	5602	12479302	SAAB	710686
12404406.5	TROS	471553 <sup>28</sup>	124262	MICH	450070	1244	SKF	4561V	12480	C-R	200338
12404804	TROS	471554 <sup>28</sup>	124262	MICH	472185 <sup>28</sup>	1244	SKF	5602	12480	SKF	200338
12404808.5	TROS	471554 <sup>28</sup>	124268	SCAN	450076	12441LPD	JN-MN	417567	12480L	IH	450593 <sup>28</sup>
12405004	TROS	471443	124268	SCAN	470334	12442	FUNK	415449 <sup>28</sup>	12481	C-R	40652S
12405004	TROS	481443 <sup>28</sup>	124268	UNIVE	450076	124429	CLARK	3016	12481	SKF	40652S
12405006	TROS	481443 <sup>28</sup>	124268	UNIVE	470334 <sup>28</sup>	124430	CLARK	417545	12481LUP	JN-MN	416077
12405006.5	TROS	481443 <sup>28</sup>	124269	MICH	450076	124431	CLARK	416112	12489LUP	JN-MN	471270 <sup>28</sup>
12405006.5NA	TROS	481443 <sup>28</sup>	124269	MICH	470334 <sup>28</sup>	12444	CHAMP	471267 <sup>28</sup>	12494	C-R	223255
12405204	TROS	471231 <sup>28</sup>	12427	C-R	471750 <sup>28</sup>	124443	MIHLE	470548	12494	SKF	223255
12405205	TROS	471231 <sup>28</sup>	12427	SKF	471750	124443	MIHLE	470625 <sup>28</sup>	12494LPD	JN-MN	415984 <sup>28</sup>
12405206.5	TROS	471231 <sup>28</sup>	124275	MICH	450183	12445	C-R	471766V	124973	CLARK	417602 <sup>28</sup>
12405604	TROS	471267 <sup>28</sup>	124275	MICH	472179	12445	SKF	471766V	124PKG	TIMKE	124PKG
12405605	TROS	471267 <sup>28</sup>	124275	UNIVE	450183	12446	C-R	471766V	124R	TIMKE	124PKG
124056065	TROS	471267 <sup>28</sup>	124275	UNIVE	472179	12446	SKF	471766V	125012	CUMMI	415003
12405608	TROS	471267 <sup>28</sup>	124276	MICH	473447	124464R91	IH	412871 <sup>28</sup>	125012	CUMMI	415458 <sup>28</sup>
12406004	TROS	340787	124278	MICH	470334 <sup>28</sup>	124464R91	IH	450329	125012	OLIVE	415003
124065	CLARK	417555 <sup>28</sup>	124278	MICH	50289	1245	C-R	5603	125012	OLIVE	415458 <sup>28</sup>
12406LPD	JN-MN	471645	124278	UNIVE	470334 <sup>28</sup>	1245	SKF	5603	125020	CLARK	417385
12407	C-R	204507 <sup>28</sup>	124278	UNIVE	50289	124536R91	IH	410308 <sup>28</sup>	125020	MIHLE	455576 <sup>28</sup>
12407	SKF	204507	12428	C-R	471750 <sup>28</sup>	12456	C-R	471766 <sup>28</sup>	12506	C-R	204029
12407LPD	JN-MN	473238 <sup>28</sup>	12428	SKF	471750	12456	SKF	471766	12506	GW	413247 <sup>28</sup>
12409LPD	JN-MN	415697 <sup>28</sup>	124287	MICH	450291	12458	C-R	471766 <sup>28,29</sup>	12506	GW	450350
12409LPD	JN-MN	455547	124287	MICH	471141 <sup>28</sup>	12458	SKF	471766	12506	SKF	204029
12409LUP	JN-MN	415697 <sup>28</sup>	124287	UNIVE	450291	124633R91	IH	470680	12508	C-R	41787S
12409LUP	JN-MN	455547	124287	UNIVE	471141 <sup>28</sup>	124635	STUDE	5M89	12508	SKF	41787S
1241	ALOY	224015	124299	UNIVE	473448	12471292	GMC	710497	1251	ALOY	1213N
12410003	TROS	252277	1243	C-R	100495	12471523	GMC	710474	125101	NAPCO	472439
12410802	TROS	340835	1243	C-R	5601	12471523	SAAB	710474	125117	NAPCO	470898
12411	C-R	204029	1243	SKF	100495	12471586	GMC	710491	12513	LEROI	470027
12411	SKF	204029	1243	SKF	5601	12471586	SAAB	710491	12513	LEROI	471554 <sup>28</sup>
124163	GOODM	471137	124300	UNIVE	471984	12471590	GMC	710536	12513-1	LEROI	470027
124163	JEFF	471137	124306	MICH	473313	12471591	GMC	710648	12513-1	LEROI	471554 <sup>28</sup>
124164	GOODM	473215 <sup>28</sup>	124306	UNIVE	473313	12471592	GMC	710497	125133	LEROI	240319
124164	JEFF	473215 <sup>28</sup>	124318	UNIVE	470088	12471614	GMC	710547	12514	GW	410312N
124165	GOODM	450076	124319	MICH	470088 <sup>29</sup>	12471614	SAAB	710547	125142	LEROI	6759S
124165	GOODM	470334 <sup>28</sup>	12432	C-R	471750V	12471617	GMC	710688	125162	UNIVE	50266
124165	JEFF	450076	12432	SKF	471750V	12471617	SAAB	710688	12516M1	HU-WR	471472 <sup>28</sup>
124165	JEFF	470334 <sup>28</sup>	124325	CLARK	370078A <sup>29</sup>	12471618	GMC	710687	125192VB	TRSCM	204507 <sup>28</sup>
124166	GOODM	415960 <sup>28</sup>	124331	CLARK	J1138	12471618	SAAB	710687	125195	CLARK	370039A
124166	GOODM	455009	124337ISL	MICH	210945	12471680	GMC	710491	12522	LEROI	411253 <sup>28</sup>
124166	JEFF	415960 <sup>28</sup>	1243396	GMC	6712NA	12471680	SAAB	710491	12522	LEROI	450099
124166	JEFF	455009	1243397	GMC	6712NA	12471682	GMC	710648	12523307	GMC	710441
1241990	GMC	8835S	1243400	GMC	9613S	12471683	GMC	710497	125238	LEROI	204035
1241991	GMC	8660S	1243401	GMC	9613S	12471686	GMC	4762N	125238	WABCO	204035
1241A3	WHITE	415284	1243402	GMC	9613S	12471686	SAAB	4762N	125248	CLARK	8126S
1242	CALI	417604	1243465	GMC	2043	12473044	GMC	710597	12526	BU-SP	471267 <sup>28</sup>
1242066	GMC	2043	1243467	GMC	2043	12474423	GMC	710664	12526	LEROI	240319
1242067	GMC	2043	1243658	CHRY	5401	12474947	GMC	710495	125262	MICH	50266
1242068	GMC	2043	1243659	CHRY	5403	12478060	GMC	714654	125262H1	HOUGH	470898
124234	CLARK	416047	12437	C-R	7781S	12478093	GMC	710771	125268	UNIVE	450269
124234	CLARK	416332 <sup>28</sup>	12437	SKF	7781S	12479012	GMC	710648	125269	MICH	450269
12423LUP	JN-MN	416039	12438	C-R	470049	12479055	GMC	710491	12526C	MASSE	5M643
12425	C-R	7412S	12438	SKF	470049	12479055	SAAB	710491	12527	LEROI	470590
12425	SKF	7412S	124394	MIHLE	416891 <sup>28</sup>	12479155	GMC	710497	12527	NAPCO	480630 <sup>28</sup>
124250	MICH	450352	124395	MIHLE	416657	12479196	GMC	710686	125275	MICH	450285
124250	MICH	472164 <sup>28</sup>	1244	ALOY	1188	12479196	SAAB	710686	125275	UNIVE	450285

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
125276	MICH	471866 <sup>28</sup>	12558-1	LEROI	415001 <sup>28</sup>	12577	BU-SP	415116	125A848AE2	GE	330385 <sup>28</sup>
12528	C-R	471787 <sup>28</sup>	12558-1	LEROI	455001	12577	C-R	471801 <sup>28</sup>	125A848AE3	GE	471103 <sup>28</sup>
12528	LEROI	481073	125584	HYST	415725 <sup>28</sup>	12577	SKF	471801	125A848AE3	GE	50197S
12528	SKF	471787	12559-1	LEROI	415960 <sup>28</sup>	12577710	GMC	710606	125A848AE4	GE	320457
12528LPD	JN-MN	472572 <sup>28</sup>	12559-1	LEROI	455009	12578	BU-SP	417562	125A848AE5	GE	471472 <sup>28</sup>
12529	LEROI	240462	12559277	GMC	710552	12578	C-R	5166	125A848AE6	GE	472705 <sup>28</sup>
12529	NAPCO	411330N	12559279	GMC	710607	12578	SKF	5166	125A848AE7	GE	471255 <sup>28</sup>
12530	C-R	470244	1255938	GMC	712146	125784	ALLCH	415041	125A848AE9	GE	470954 <sup>28</sup>
12530	LEROI	471255 <sup>28</sup>	1256	LEROI	470059	1257G	OSHKO	415988	125A848AF1	GE	472843
12530	NAPCO	472394	1256	LEROI	470380 <sup>28</sup>	1258	LEROI	450066	125A848AF2	GE	471763
12530	SKF	470244	12560	C-R	710300	1258	LEROI	473367 <sup>28</sup>	125A848AF3	GE	470590
12530278	GMC	710426	12560	SKF	710300	12580743	GMC	710607	125A848AK5	GE	471472 <sup>28</sup>
12530L	IH	472826 <sup>28</sup>	12561244	GMC	100470	12580989	GMC	224200	125A848BC1	GE	473237 <sup>28</sup>
12531	C-R	471787V	125625	CLIMX	417254	12581	FULLE	484064V	125A848BC2	GE	471564
12531	NAPCO	410496 <sup>28</sup>	125625	WAUKE	417254	12581	KINNR	471571	125A848BF1	GE	472041
12531	SKF	471787V	12564LDS	JN-MN	471567 <sup>28</sup>	12581253	GMC	710855	125A848BF1	GE	473454
125318	UNIVE	450089	12565	C-R	471795	12581253	SAAB	710855	125A848BF2	GE	471766 <sup>28</sup>
125319	MICH	450089	12565	SKF	471795	12581717	GMC	710603	125A848BJ2	GE	6668S
12532	NAPCO	471391 <sup>28</sup>	12565231	GMC	710602	12 58 1717	SAAB	710603	125A848BJ4	GE	471267 <sup>28</sup>
12533	LEECE	471255 <sup>28</sup>	12565949	GMC	710674	12581789	GMC	710451	125A848BR1	GE	471255 <sup>28</sup>
12535	LEECE	450593 <sup>28</sup>	12565949	SAAB	710674	12581907	GMC	710451	125E22	EATON	JV1277
12536	C-R	450177	12565LDS	JN-MN	415991 <sup>28</sup>	12582	C-R	42081S <sup>28</sup>	125PKG	TIMKE	125PKG
12536	SKF	450177	12565LDS	JN-MN	415991N	12582	SKF	42081S	125R	TIMKE	125PKG
12539	NAPCO	353141 <sup>28</sup>	125663	HYST	471419	12582313	GMC	710162	125W225	CONE	5166
1254	LEROI	473215 <sup>28</sup>	125663	HYST	473367	12582320	GMC	320691	125X150X12	TIMKE	125X150X12
12540	NAPCO	416125 <sup>28</sup>	12568023	GMC	710604	12582356	GMC	710614	125X150X12SC	TRSCM	
12541	JOHND	417316 <sup>28</sup>	12568025	GMC	710815	12584041	GMC	224200	125X150X12 <sup>28</sup>		
125412	BENDI	471466 <sup>28</sup>	12568124	GMC	710602	12584042	GMC	710237	125X150X12TC	TRSCM	
12544	LEROI	40027S	12568163	GMC	710602	12585671	GMC	100085	125X150X12 <sup>28</sup>		
12544075	GMC	4813V	125689	HYST	417350 <sup>28</sup>	12 58 5671	SAAB	100085	125X160X12	TIMKE	125X160X12
12545	C-R	470245	12569964	GMC	710645	12585673	GMC	100470	125X160X12SC	TRSCM	125X160X12
12545	C-R	471795	12569965	GMC	710662	12 58 5673	SAAB	100470	125X160X12TC	TRSCM	125X160X12
12545	GW	417316 <sup>28</sup>	12569986	GMC	710692	12585989	GMC	710855	1260	ALOY	482126
12545	GW	455004	12569986	SAAB	710692	12587	C-R	710648	12602972	GMC	100085
12545	SKF	470245	1257049	VOLVO	716102	12587	SKF	710648	12606	BU-SP	416125 <sup>28</sup>
12545	SKF	471795	1257049-5	VOLVO	716102	12587099	GMC	100085	12608748	GMC	710855
12546240	GMC	370024A	125710	HYST	471554 <sup>28</sup>	12587621	GMC	710552	12608750	ACDEL	710674
12547	NAPCO	471341 <sup>28</sup>	1257113	VOLVO	710618	125880	GMC	417262 <sup>28</sup>	12608750	GMC	710674
12547466	GMC	710645	1257113-9	VOLVO	710618	125880	GMC	455448	12608750	OPEL	710674
12547478	GMC	710668	12571295	GMC	710678	1259	LEROI	450089	12608750	SAAB	710674
12547638	GMC	710496	12571296	GMC	710656	12590	C-R	8293S <sup>29</sup>	1260907	MOPAR	471224 <sup>28</sup>
12547656	GMC	710495	12571297	GMC	710677	12590	LEROI	471442 <sup>28</sup>	12609467	GMC	224200
12549329	GMC	710760	125716	CUMMI	450291	12590	SKF	8293S	12609467	OPEL	224200
12550565	GMC	100470	125716	CUMMI	471141 <sup>28</sup>	12590047	GMC	711181	126107C1	IH	470712 <sup>28</sup>
12550574	GMC	100085	125716	OLIVE	450291	12591866	GMC	710237	1261171	CHRY	470403
12551	C-R	471795 <sup>28</sup>	125716	OLIVE	471141 <sup>28</sup>	12592195	GMC	4307V	1261171	CHRY	470774 <sup>28</sup>
12551	NAPCO	450365	125722	CUMMI	472144 <sup>28</sup>	12592242	GMC	710855	12613	C-R	471808 <sup>28,29</sup>
12551	NAPCO	470898 <sup>28</sup>	125722	OLIVE	472144 <sup>28</sup>	12592243	GMC	710855	12613	SKF	471808
12551	SKF	471795	1257221	VOLVO	3476	12592355	GMC	710674	12614	C-R	471808 <sup>28,29</sup>
12552	LEROI	450803	1257221-0	VOLVO	3476	12592355	OPEL	710674	12614	SKF	471808
12552	NAPCO	415483 <sup>28</sup>	12573310	VOLVO	3476	12592355	SAAB	710674	126150	BENDI	351487
12552	NAPCO	455368	12574	BU-SP	415035 <sup>28</sup>	12595	C-R	710310	126158	OLIVE	471689 <sup>28</sup>
12552428	GMC	100058	12574	BU-SP	415953	12595	SKF	710310	12620955	GMC	710855
12554314	GMC	5512	125742	CLARK	455035N	125954	CEMAC	470027	12621	C-R	471818 <sup>29</sup>
12555767	GMC	5512	12574668	GMC	710551	125954	CEMAC	471554 <sup>28</sup>	12621	SKF	471818
12555769	GMC	5512	12 57 4668	SAAB	710551	12596827	GMC	710262	126214C91	IH	481163 <sup>28</sup>
12556107	GMC	710815	12575	BU-SP	455018	125A848AE1	GE	350364	126262	MICH	472070
12556109	GMC	710555	12575	BU-SP	476470	125A848AE11	GE	472951	126262	UNIVE	472070
12556355	GMC	710262 <sup>29</sup>	12576050	GMC	710604	125A848AE11	GE	474252	126268	UNIVE	471866 <sup>28</sup>
12557688	GMC	100085	125769	CLARK	370109A <sup>29</sup>	125A848AE16	GE	471267 <sup>28</sup>	126269	MICH	471866 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
126275	MICH	450118	12678	SKF	453279	12719	C-R	32X46X6 <sup>28</sup>	12748	SKF	710306
126275	MICH	473449	12678LPD	JN-MN	452742	12719	SKF	223235	12749	C-R	223240
126275	UNIVE	450118	12679	C-R	710469	12719	SKF	32X46X6	12749	SKF	223240
126275	UNIVE	473449	12679	SKF	710469	1272	ALOY	442874	127513C1	IH	471787 <sup>28</sup>
126276	MICH	480281 <sup>28</sup>	126797	AM WH	417497	12720	C-R	710853	12752	C-R	32X50X8 <sup>28</sup>
126287	MICH	473450	126839	OLIVE	470403	12720	SKF	710853	12752	C-R	710415
126287	UNIVE	473450	126839	OLIVE	470774 <sup>28</sup>	12723	PEUGE	229005	12752	SKF	32X50X8
1263020	CHRY	5401	12685	C-R	8429S	12724	C-R	710310	12752	SKF	710415
1263021	CHRY	5403	12685	SKF	8429S	12724	SKF	710310	12753	C-R	32X54X10
12631	C-R	471407 <sup>29</sup>	12687	AM BR	471760	12725LPD	JN-MN	480491 <sup>29</sup>	12753	SKF	32X54X10
12631	SKF	471407	1268-D6	REO	370019A	127262	MICH	473451 <sup>28</sup>	1275365	VOLVO	710803
126318	UNIVE	450090	12690	C-R	710618	127275	MICH	473452	1275365-0	VOLVO	710803
126319	MICH	450090	12690	SKF	710618	127275	UNIVE	473452	12754	C-R	223240
12634365	GMC	711181	1269681	CHRY	450316	127287	MICH	473453	12754	SKF	223240
12636	GWI	470712 <sup>28</sup>	1269681	CHRY	472636 <sup>28</sup>	127287	UNIVE	473453 <sup>29</sup>	12755013	GMC	3543
1263697	CHRY	6270	12698	C-R	223215	12729	C-R	3476	12755013	SAAB	3543
12637	C-R	471833 <sup>29</sup>	12698	SKF	223215	12729	SKF	3476	12756	C-R	710164
12637	SKF	471833	126PKG	TIMKE	126PKG	1273	ALOY	1217	12756	SKF	710164
12637710	GMC	710855	126R	TIMKE	126PKG	12730	C-R	32X47X7 <sup>28</sup>	127591	DANA	710959
12637710	SAAB	710855	12700	C-R	223215 <sup>29</sup>	12730	C-R	3476 <sup>29</sup>	127591	SPICE	710959
12638LPD	JN-MN	55524	12700	C-R	32X42X7	12730	C-R	710310 <sup>29</sup>	127592	EATON	127592
12640	C-R	471833	12700	C-R	32X42X8 <sup>28</sup>	12730	SKF	32X47X7	127594H1	HOUGH	240151
12640	SKF	471833	12700	SKF	223215	12730	SKF	3476	12760	C-R	32X56X10
1264320	KEN	473243	12700	SKF	32X42X7	12730	SKF	710310	12760 <sup>28</sup>		
12650	HEIL	471466 <sup>28</sup>	12700	SKF	32X42X8	1273095	CHRY	6597S	12760	SKF	32X56X10
1265068	CHRY	410316	127006	ALLCH	416339	12731	C-R	3476	127.610	ELRNG	224200
1265068	CHRY	472636 <sup>28</sup>	127006	ALLCH	455031 <sup>28</sup>	12731	SKF	3476	12763	C-R	32X56X10
126537	C-W	417596	1270137	CHRY	417267	12732	AIRCO	340823	12763 <sup>28</sup>		
12654LPD	JN-MN	417210 <sup>28</sup>	12705	C-R	223220	12733	C-R	3476	12763	SKF	32X56X10
12655	C-R	451845	12705	SKF	223220	12733	C-R	710310	12764	C-R	32X56X10
12655	SKF	451845	12706	C-R	223220	12733	SKF	3476	12764	SKF	32X56X10
12656	C-R	710819	12706	SKF	223220	12733	SKF	710310	1276424	VOLVO	710190
12656	SKF	710819	127063	HOUGH	412119 <sup>28</sup>	12735	C-R	223240 <sup>29</sup>	1276424-7	VOLVO	710190
12656434	GMC	710451	127063H1	IH	410101N	12735	C-R	32X48X8 <sup>28</sup>	1276425	VOLVO	710190
1266	ALOY	3395	1270786	CHRY	370036A <sup>31</sup>	12735	SKF	223240	1276425-0	VOLVO	710190
12660	C-R	450341	1270786	CHRY	370349A <sup>16</sup>	12735	SKF	32X48X8	1276425-4	VOLVO	710190
12660	SKF	450341	1270786	CHRY	380036A	12736	C-R	710317	12766	C-R	32X58X8
126643	OLIVE	450291	12710	C-R	223230 <sup>29</sup>	12736	SKF	710317	12766	SKF	32X58X8
126643	OLIVE	471141 <sup>28</sup>	12710	C-R	32X45X7 <sup>28</sup>	12737	C-R	223340	1277	ALOY	1973
12665	C-R	32X62X6	12710	SKF	223230	12737	SKF	223340	12770	C-R	32X60X8 <sup>28</sup>
12665	C-R	32X62X8	12710	SKF	32X45X7	12739	C-R	710164 <sup>29</sup>	12770	SKF	32X60X8
12665	SKF	32X62X6	12711	C-R	223230	12739	SKF	710164	1277110	BENDI	471689 <sup>28</sup>
12665	SKF	32X62X8	12711	C-R	32X45X7 <sup>28</sup>	12740	C-R	32X50X8 <sup>28</sup>	127719	EATON	475012N
12666	CHAMP	416345 <sup>28</sup>	12711	PEUGE	225020	12740	C-R	710164	127720	EATON	475003N
1266604	VOLVO	355660H	12711	SKF	223230	12740	SKF	32X50X8	127721	EATON	9773
1266605	VOLVO	710190	12711	SKF	32X45X7	12740	SKF	710164	12772LUP	JN-MN	415294 <sup>28</sup>
12668	C-R	710518	12712	C-R	223230	12741	C-R	710164	12773LPD	JN-MN	417539 <sup>28</sup>
12668	SKF	710518	12712	PEUGE	229005	12741	SKF	710164	12782	SKF	32X62X8
1266810	CHRY	6635S	12712	SKF	223230	12742	C-R	32X52X7 <sup>28</sup>	12785	C-R	471845N
126691	AM WH	470219	127144	HOUGH	410524	12742	SKF	32X52X7	12785	SKF	471845N
126691	AM WH	471649 <sup>28</sup>	127144H1	HOUGH	410524	12744	SPICE	470950 <sup>28</sup>	127891	CLARK	416556 <sup>28</sup>
1266-D6	REO	370023A	127145R91	IH	240733	12744	SPICE	6241S	127891	CLARK	472157
12671	C-R	710282	12715	C-R	710415	12744-85Z00	SUZUK	714436	1279	ALOY	5697
12671	SKF	710282	12715	SKF	710415	12745	C-R	710306	127920	LEYLD	471192
1267215	CHRY	6638S	12717	C-R	223230	12745	SKF	710306	127968R91	IH	5778
12673	CHAMP	415027 <sup>28</sup>	12717	SKF	223230	12746	C-R	710306	127PKG	TIMKE	127PKG
12673	CHAMP	455027	12718	C-R	223235	12746	SKF	710306	127R	TIMKE	127PKG
12673	DOMIN	415027	12718	SKF	223235	12747	C-R	223253	12800	AM BR	450095
12677LDS	JN-MN	415937 <sup>28</sup>	12718LPD	JN-MN	415832	12747	SKF	223253	12800	AM BR	473464 <sup>28</sup>
12678	C-R	453279 <sup>28</sup>	12719	C-R	223235 <sup>29</sup>	12748	C-R	710306			

INTERCHANGE SECTION

<sup>16</sup>Spindle Mount; <sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>31</sup>Hub Mount

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
128047R91	IH	415458 <sup>28</sup>	12876LUP	JN-MN	471255 <sup>28</sup>	129636	SUL	473225 <sup>28</sup>	12X24X7	SIMRT	12X24X7
128047R91	IH	475458	1288	ALOY	225230	1296879	GMC	40370S	12X24X7	TIMKE	12X24X7
1281	ALOY	3622	128819	C-W	330385 <sup>28</sup>	1296913	GMC	40286	12X24X7SC	TRSCM	12X24X7
12810	C-R	710070	128847	EATON	370001A	1296A3	WHITE	485195H	12X24X7TC	TRSCM	12X24X7
12810	SKF	710070	128847	EATON	380001A	129717	GMC	416158	12X28X7	TIMKE	12X28X7
12810004	TROS	350414	12886	C-R	223340	129.780	ELRNG	3476	12X28X7SC	TRSCM	12X28X7
12810004	TROS	472311 <sup>28</sup>	12886	SKF	223340	12979-30P00	NISSA	228410	12X28X7TC	TRSCM	12X28X7
128117	CLARK	370051A	128861	EATON	370003A	12981	TMTR	470351	12X32X7	FORSH	12X32X7
128119	HYST	473237 <sup>28</sup>	128861	EATON	380003A	12981	TMTR	471504 <sup>28</sup>	12X32X7	SIMRT	12X32X7
12812	C-R	223235	1289	ALOY	4160	129828R91	IH	473460	12X32X7	TIMKE	12X32X7
12812	SKF	223235	128918	DURA	470163	12984	OLIVE	473215 <sup>28</sup>	12X32X7SC	TRSCM	12X32X7
128203TB	TRSCM	353137	128918	DURA	471766 <sup>28</sup>	129851	GOODM	417485	12X32X7TC	TRSCM	12X32X7
128203TB	TRSCM	473424 <sup>28</sup>	128918	FORD	470163	129851	JEFF	417485	12X35X7SC	TRSCM	12X35X7
12823	C-R	470050	128918	FORD	471766 <sup>28</sup>	129852	GOODM	416738 <sup>28</sup>	12X35X7TC	TRSCM	12X35X7
12823	SKF	470050	12894SS	JN-MN	473224 <sup>28</sup>	129852	GOODM	450096	12X515012XX	TIMKE	125X150X12
128233R91	IH	451948	128953H	IH	450084 <sup>28</sup>	129882	GOODM	450185	12X516012XX	TIMKE	125X160X12
128234R91	IH	451948	128PKG	TIMKE	128PKG	129882	GOODM	473229	12X517015XX	TIMKE	125X170X15
128262	MICH	472439	128R	TIMKE	128PKG	129882	JEFF	450185	1300-016-001	BORGW	330385
128262I	MICH	40071S	1290	ALOY	225110	129882	JEFF	473229	1300-044-001	WARNR	330385 <sup>28</sup>
128262SL	MICH	472439	12900	C-R	33X50X12	12989	C-R	710315	1300044002	BORGW	7300S
128269	MICH	471868	28			12989	SKF	710315	1300-044-006	BORGW	4503N
128275	MICH	450117	12900	SKF	33X50X12	129899	GOODM	415001 <sup>28</sup>	13-00-044-009	BORGW	714503
128275	MICH	472572 <sup>28</sup>	12901	C-R	33X50X12	129899	GOODM	455001	1300-044-009	WARNR	714503
128275	UNIVE	450117	28			129899	JEFF	415449 <sup>28</sup>	1300-044-012	WARNR	7692S
128275	UNIVE	472572 <sup>28</sup>	12901	JN SON	472179	129899	JEFF	455147	1300-044-013	WARNR	710441
128276	MICH	473179 <sup>28</sup>	12901	SKF	33X50X12	129915	ALLCH	417316 <sup>28</sup>	1300-044-015	WARNR	7412S
128278	MICH	414045 <sup>28</sup>	129054	US-EL	450291	129915	ALLCH	455004	13-00-044-017	TREME	2465
128278	UNIVE	414045 <sup>28,29</sup>	129054	US-EL	471141 <sup>28</sup>	12993	JN SON	J1103	13-00-044-017	WARNR	2465
12828	LEROI	481073	1290K1	WHITE	450400	129935	GOODM	415960	1300-044-019	TREME	710426
128287	MICH	450082	1291	ALOY	225020	129935	GOODM	455009	1300-044-019	WARNR	710426
128287	MICH	473238	12912	C-R	710132	129935	JEFF	415995 <sup>28</sup>	1300-044-020	TREME	710431
128287	UNIVE	473238 <sup>28</sup>	12912	SKF	710132	129935	JEFF	455013	1300-044-020	WARNR	710431
128299	UNIVE	450084 <sup>28</sup>	1292	ALOY	226285	129936	HYST	471835 <sup>28</sup>	130004412	BORGW	472213
12830	C-R	473424 <sup>28</sup>	129220	US-EL	340356	129945	GOODM	471354 <sup>28</sup>	130005H1	IH	417351 <sup>28</sup>
12830	SKF	473424	12925	C-R	710043	12998	C-R	33X52X6	13001	CHRY S	472179
128300	MICH	450084 <sup>28</sup>	12925	SKF	710043	12998	SKF	33X52X6	13001	NEWPR	472179
128300	UNIVE	450298	12929LUP	JN-MN	417601	129PKG	TIMKE	129PKG	1300113212	TROS	415077
128300	UNIVE	473239	129303H	IH	450316	129R	TIMKE	129PKG	130018R91	IH	415449 <sup>28</sup>
128301	MICH	450298	129303H	IH	472636 <sup>28</sup>	12A10039	NAPCO	6638S	130018R91	IH	455147
128301	MICH	473239	12934	FBG	1962	12A2500	MINNM	450389	130048	JEFF	410694 <sup>28</sup>
128306	MICH	473457 <sup>28</sup>	129370	HOUGH	410101N	12A2500	MINNM	472492 <sup>28</sup>	13005	C-R	710124
128306	UNIVE	473457 <sup>28</sup>	129386	JEFF	416339	12A500	MINNM	450389	13005	SKF	710124
12830LPD	JN-MN	473211 <sup>28</sup>	129386	JEFF	455031 <sup>28</sup>	12A500	MINNM	472492 <sup>28</sup>	130061	ALLCH	417171 <sup>28</sup>
128312	UNIVE	473240 <sup>28</sup>	129387	JEFF	470045	12A7000	FED	470088	130102	GOODM	471787 <sup>28</sup>
128318	UNIVE	473458	129387	JEFF	476838 <sup>28</sup>	12A7050	FED	450083	130108	ATHEY	471765 <sup>28</sup>
128319	MICH	473458 <sup>29</sup>	1294	ALOY	223605	12A7050	FED	472924 <sup>28</sup>	130117	ATHEY	471750 <sup>28</sup>
12831STLPD	JN-MN	415219	12940A	HERCU	415991	12A7106	FED	5M466	130122	ATHEY	471801 <sup>28</sup>
12832	FULLE	473473	129418R91	IH	5778	12A7123	FED	450467	130137	ATHEY	450054
1284	ALOY	444116	129419R91	IH	5778	12A7823	FED	5MR71	130141	ATHEY	473215 <sup>28</sup>
12842LDS	JN-MN	471272 <sup>28</sup>	129473	JEFF	411253 <sup>28</sup>	12A8121	FED	5796	13015	C-R	240716
128434	GMC	471270 <sup>28</sup>	129473	JEFF	450099	12X014013XX	TIMKE	120X140X13	13015	SKF	240716
1285	ALOY	2002	129474	JEFF	415001 <sup>28</sup>	12X014512XX	TIMKE	120X145X12	1301588	ATHEY	473440 <sup>28</sup>
128576	CLARK	415960	129474	JEFF	455001	12X015012XX	TIMKE	120X150X12	13018	TLSMI	455200N
12857G	CLARK	415960 <sup>28</sup>	129498	HYST	200870	12X14333A	JOHND	416404 <sup>28</sup>	130189	HOUGH	417352
12857G	CLARK	455009	1294991	GMC	8660S	12X14360A	JOHND	473227 <sup>28</sup>	130189	HOUGH	418028
12859	FULLE	340151	129503R91	IH	471267 <sup>28</sup>	12X15982A	JOHND	472258 <sup>28</sup>	13019	TLSMI	416624N
12861LPD	JN-MN	415284	1295A3	WHITE	412119 <sup>28</sup>	12X22X7	TIMKE	12X22X7	130199	ATHEY	450070
12866	JOHND	471612	1295A3	WHITE	450101	12X22X7SC	TRSCM	12X22X7 <sup>28</sup>	130199	ATHEY	472185 <sup>28</sup>
1287	ALOY	4990	1296	F-R-H	472287 <sup>28</sup>	12X22X7TC	TRSCM	12X22X7 <sup>28</sup>	1302012	CLARK	471442 <sup>28</sup>
1287002	GMC	5M81	129636	GOODM	473225 <sup>28</sup>	12X24X7	FORSH	12X24X7	130204	ATHEY	471141 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
130205	ATHEY	473313	1303701	ATHEY	450441	13063T	JOHND	340009S	131206	EMSCO	473473
130206	ATHEY	470088	1303701	ATHEY	471341 <sup>28</sup>	130645R91	IH	471267 <sup>28</sup>	13121	CHRYS	3173
13021	C-R	6370N	130375	ATHEY	417366 <sup>28</sup>	13066LPD	JN-MN	224570	13121	CHRYS	710928
13021	SKF	6370N	130376	US-EL	416107 <sup>28</sup>	130671H	HOUGH	471341 <sup>28</sup>	13121	NEWPR	471869
130228	ATHEY	472439	130376	US-EL	455073	1306742	GMC	450085	131210	EMSCO	417548
130233	ATHEY	450082	130377	US-EL	415379 <sup>28</sup>	1306742	GMC	470530 <sup>28</sup>	131211	EMSCO	417082
130233	ATHEY	473238	130377	US-EL	455379	1306743	GMC	450307	131213TB	TRSCM	473211 <sup>28</sup>
130236	ATHEY	473457 <sup>28</sup>	130380	ATHEY	415187	13068LPD	JN-MN	471567 <sup>28</sup>	131223SB	TRSCM	473212 <sup>28</sup>
1302481	ATHEY	471391 <sup>28</sup>	130388	ATHEY	417223	1307	C-R	5649	1312-33-065	MAZDA	1213N
130250	ATHEY	450085	13042-01M00	NISSA	224020	1307	SKF	5649	131274R91	IH	415991
130250	ATHEY	470530 <sup>28</sup>	13042-05E00	NISSA	710354	13070	CHRYS	473457 <sup>28</sup>	131274R91	IH	455146 <sup>28</sup>
130268	ATHEY	413469 <sup>28</sup>	13042-05E01	NISSA	710354	13073	ATHEY	470120	131280	EMSCO	417354 <sup>28</sup>
13027	C-R	473423 <sup>29</sup>	13042-0B001	NISSA	223420	13073	ATHEY	471224 <sup>28</sup>	131281	EMSCO	417354 <sup>28</sup>
13027	SKF	473423	13042-13C10	NISSA	710354	130731	US-EL	470548	1312866	CLARK	40520S
130271	ATHEY	450316	13042-16A05	NISSA	223420	130731	US-EL	470625 <sup>28</sup>	131287	UNIVE	450474 <sup>29</sup>
130271	ATHEY	472636 <sup>28</sup>	13042-16A10	NISSA	223420	13074	ATHEY	470219	131299	UNIVE	50528
130272	ATHEY	411253 <sup>28</sup>	13042-16V00	NISSA	224052	13074	ATHEY	471649 <sup>28</sup>	1312RC	SUL	418028
130272	ATHEY	450099	13042-16V0A	NISSA	224052	130748	US-EL	473016 <sup>28</sup>	1312RC	SUL	455137 <sup>28</sup>
130278	ATHEY	416444	13042-18000	NISSA	223831	13075LUP	JN-MN	417352	131308H	IH	471103 <sup>28</sup>
130279	ATHEY	412119 <sup>28</sup>	13042-42L00	NISSA	224052	13075LUP	JN-MN	418028	131308H	IH	50197S
130279	ATHEY	450101	13042-73000	NISSA	710313	1308	C-R	370023A	13135LPD	JN-MN	481537
130287	MICH	472144 <sup>28</sup>	13042-A3500	NISSA	710255	1308	C-R	380023A	13143	DIA	6090S
130287	UNIVE	472144 <sup>28,29</sup>	13042-A3501	NISSA	710255	1308	C-R	5667	13143	EATON	6090S
130289	ATHEY	415458 <sup>28</sup>	13042-A3510	NISSA	710255	1308	SKF	370023A	13144	C-R	710455
130289	ATHEY	455003	13042-A8600	NISSA	710255	1308	SKF	380023A	13144	SKF	710455
130294	ATHEY	417316 <sup>28</sup>	13042-B3000	NISSA	710196	1308	SKF	5667	131484R91	IH	417484N
130294	ATHEY	455004	13042-D0100	NISSA	223420	1308107	CATER	39889	131484R91	IH	475322N
130295	ATHEY	415960 <sup>28</sup>	13042-D0101	NISSA	223420	13084	C-R	473421 <sup>29</sup>	131526	SPERY	415960
130295	ATHEY	455009	13043-43700	NISSA	225040	13084	SKF	473421	13157	C-R	40769S
130299	UNIVE	473460	130437	ATHEY	417538	1308521	ALLCH	417562	13157	SKF	40769S
1303	C-R	5666	13044	FULLE	418028	13092	C-R	473211 <sup>28</sup>	131575	HOUGH	471224 <sup>28</sup>
1303	SKF	5666	13044	FULLE	455137 <sup>28</sup>	13092	SKF	473211	131575H1	HOUGH	471224 <sup>28</sup>
130300	MICH	473460	130447	ATHEY	416865 <sup>28</sup>	13097	NAPCO	417513	13160LPD	JN-MN	90X120X12
130300	UNIVE	472394	130447	ATHEY	455070	13098	NAPCO	417554 <sup>28</sup>	13163LPD	JN-MN	471526 <sup>28</sup>
130301	MICH	472394	130448	ATHEY	417546 <sup>28</sup>	130981	ATHEY	470189	13165	C-R	5131
1303012	CLARK	471442 <sup>28</sup>	13044LPD	JN-MN	25X47X7	130981	ATHEY	471692 <sup>28</sup>	13165	SKF	5131
130303	ATHEY	415995 <sup>28</sup>	130454	ATHEY	416476 <sup>28</sup>	13099	ATHEY	450070	1316639	ROVER	3774
130303	ATHEY	455013	130454	ATHEY	455075	13099	ATHEY	472185 <sup>28</sup>	13166E	JOHND	204002
130306	ATHEY	417488 <sup>28</sup>	130455	ATHEY	415072	130PKG	TIMKE	130PKG	1316788	CHRYS	350679
130306	MICH	473461 <sup>28</sup>	1304OS	JN-MN	417600 <sup>29</sup>	130R	TIMKE	130PKG	1316788	CHRYS	470954 <sup>28</sup>
130306	UNIVE	473461 <sup>28</sup>	13050	C-R	472826 <sup>28</sup>	130X150X10	TIMKE	130X150X10	13168	C-R	5131
130312	UNIVE	471391 <sup>28</sup>	13050	SKF	472826	130X160X12	TIMKE	130X160X12	13168	SKF	5131
130313	MICH	471391 <sup>28</sup>	1305044	GMC	710163	130X160X12SC	TRSCM	130X160X12	13168-01M00	NISSA	710415
1303139C91	IH	470898	13052	C-R	472826 <sup>28</sup>	130X160X12TC	TRSCM	130X160X12	1316933	ROVER	3774
130315	ATHEY	417485	13052	SKF	472826	130X170X15SC	TRSCM	130X170X15	131704	HOUGH	471760
130318	UNIVE	450094	130534	HOUGH	472924 <sup>28</sup>	130X170X15TC	TRSCM	130X170X15	131704H1	HOUGH	471760
130318	UNIVE	473462	130534H1	HOUGH	472924 <sup>28</sup>	1310194	GMC	340724 <sup>28</sup>	13170X	MASSE	471735
130319	MICH	450094	13053RD	ITM	222860	13106C	MASSE	415001 <sup>28</sup>	13171VB	TRSCM	340853
130319	MICH	473462	13053RD	ITM	28X47X7 <sup>28</sup>	13106C	MASSE	455001	13172LDS	JN-MN	416888 <sup>28</sup>
13033	C-R	473422	13059LUP	JN-MN	471466 <sup>28</sup>	1311035	WOOL	415379 <sup>28</sup>	13173LDS	JN-MN	416156
13033	SKF	473422	1305-D6	REO	370030A	1311035	WOOL	455379	13177B	MASSE	472826 <sup>28</sup>
130331	ATHEY	455024	1306	C-R	370046A	1311157	FORD	223535	13178B	MASSE	473225 <sup>28</sup>
130334	ATHEY	417191	1306	SKF	370046A	1311157	FORD	711027	131800	DANA	710454
130337	ATHEY	415025	13060	C-R	472826 <sup>29</sup>	13111C	MASSE	415085 <sup>28</sup>	131800	SPICE	710454
130342	ATHEY	415991	13060	SKF	472826	13111C	MASSE	456648	13182SB	TRSCM	323138 <sup>28</sup>
130342	ATHEY	455146 <sup>28</sup>	130612H	IH	471570 <sup>28</sup>	13112	C-R	473212 <sup>28</sup>	13183P	ITM	1012N
130354	MICH	417474 <sup>29</sup>	13062LPD	JN-MN	473413	13112	SKF	473212	13183P	ITM	45X62X8 <sup>28</sup>
13037	C-R	473210	1306333	VOLVO	1172	131201	EMSCO	473205	13183PSL	TRSCM	6370N
13037	SKF	473210	1306333-4	VOLVO	1172	131203SB	TRSCM	472826 <sup>28</sup>	131872SB	TRSCM	330663
130370	GOODM	455008	1306334-2	VOLVO	1172	131203TB	TRSCM	472826 <sup>28</sup>	131872SB	TRSCM	352354

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
131872SB	TRSCM	484156V <sup>2B</sup>	13210006.25	TROS	470120	1328011	BENDI	350394	133853	US-EL	481443 <sup>2B</sup>
131872VB	TRSCM	40395S	13210006.25	TROS	471224 <sup>2B</sup>	1328011	BENDI	473227	13386	C-R	34X45X8
131872VB	TRSCM	484156V	13210008	TROS	471224 <sup>2B</sup>	132807XX	TIMKE	13X28X7	13386	SKF	34X45X8
131872VL	TRSCM	40395S	13210008.5	TROS	471224 <sup>2B</sup>	1328349	CHRYS	6636S	133887	CROSS	471354 <sup>2B</sup>
131872VSB	TRSCM	484156V	13210405	TROS	480210 <sup>2B</sup>	13283TB	TRSCM	472658	133888	CROSS	470062
131873TB	TRSCM	472354 <sup>2B</sup>	13210406	TROS	480210 <sup>2B</sup>	13283TB	TRSCM	473197 <sup>2B</sup>	133888	CROSS	474264
131873TB	TRSCM	50395S	13210406.25	TROS	480210 <sup>2B</sup>	132867H	IH	450194	133889	CROSS	470074
131876R91	IH	472394	13210408.5	TROS	480210 <sup>2B</sup>	132867H	IH	473010 <sup>2B</sup>	133889	CROSS	474265
1318929	GMC	451147H	132104X03.5	TROS	9376	13287LDS	JN-MN	472658	133890	CROSS	472144 <sup>2B</sup>
1318RC	SUL	415988	13210803	TROS	340815	13287LDS	JN-MN	473197	133891	CROSS	450316
1319178	FORD	711001	13211602	TROS	240736	13292LPD	JN-MN	415187 <sup>29</sup>	133891	CROSS	472636 <sup>2B</sup>
13192TB	TRSCM	1987	132123TB	TRSCM	470135	1329602	BENDI	471820	133892	CROSS	413478
131932R91	IH	472394	132123TB	TRSCM	471192	1329820	VOLVO	710215	133893	CROSS	417159
13193PSB	TRSCM	482163N	132123VTB	TRSCM	482576N	1329820-3	VOLVO	710215	1339524	VOLVO	224010
131955PTZ	TRSCM	2443	13213TB	TRSCM	472287 <sup>2B</sup>	132P3	WHITE	45653S	1339524-9	VOLVO	224010
13195F	IH	473225 <sup>2B</sup>	13219X	MASSE	471466 <sup>2B</sup>	132PKG	TIMKE	132PKG	1339676	VOLVO	710677
13195G	IH	473225 <sup>2B</sup>	1322	C-R	5089	132R	TIMKE	132PKG	1339676-7	VOLVO	710677
13197	DIVCO	340797	1322	SKF	5089	1330	CALI	455005	1339707	VOLVO	710780
131983SA	TRSCM	482163	132206XX	TIMKE	13X22X6	133006C1	IH	415984 <sup>2B</sup>	133A	HYST	470120
1319RC	SUL	415379 <sup>2B</sup>	13221	C-R	473213 <sup>2B</sup>	133007XX	TIMKE	13X30X7	133A	HYST	471224 <sup>2B</sup>
1319RC	SUL	455379	13221	SKF	473213	13302	DIVCO	8160S	133PKG	TIMKE	133PKG
131PKG	TIMKE	131PKG	132214	SCHWI	471763	1330B	GOODM	450194	133R	TIMKE	133PKG
131R	TIMKE	131PKG	1322309	WOOL	416011	1330B	GOODM	473010 <sup>2B</sup>	1340096	VOLVO	223830
13203SB	TRSCM	480570	1322309	WOOL	417621 <sup>2B</sup>	13315LDS	JN-MN	416271 <sup>2B</sup>	1340096-5	VOLVO	223830
13203TB	TRSCM	472258 <sup>2B</sup>	132233SB	TRSCM	484058	13316LDS	JN-MN	472636 <sup>2B</sup>	134102	JEFF	471255 <sup>2B</sup>
13203VSB	TRSCM	472258V	132234SB	TRSCM	9161	13316X	MASSE	417344 <sup>2B</sup>	13414LUP	JN-MN	417349 <sup>2B</sup>
13203VTB	TRSCM	471268N	13223TB	TRSCM	470169	13316X	MASSE	455006	134154	US-EL	471571
13203VTB	TRSCM	472258V	13223TB	TRSCM	473214 <sup>2B</sup>	1331RC	SUL	456105	13419	C-R	9161
13204004	TROS	471564	132282VB	TRSCM	42763 <sup>2B</sup>	1332-044-001	WARNE	3116N	13419	SKF	9161
13204405	TROS	471579	132283SP	TRSCM	5131	1332044005	BORGW	471652	13421	C-R	473435 <sup>29</sup>
13204804	TROS	471567 <sup>2B</sup>	1322D	GOODM	474274	1332044005	BORGW	482208 <sup>2B</sup>	13421	SKF	473435
13204806	TROS	471567 <sup>2B</sup>	13232VHY	TRSCM	43089S	1332044006	BORGW	313156	134213TL	TRSCM	473435
13204806.25	TROS	471567 <sup>2B</sup>	13233SB	TRSCM	473215 <sup>2B</sup>	1332044007	BORGW	7692S	13423	C-R	223400
13205005	TROS	481568 <sup>2B</sup>	13233TB	TRSCM	470055N	13-32-044-007	TREME	7692S	13423	SKF	223400
13205205	TROS	474253	13233TB	TRSCM	473215 <sup>2B</sup>	1332113212	TROS	415076	13425	C-R	223420
13205206.25	TROS	450030	13234VHY	TRSCM	204027	133224R91	IH	6835S	13425	C-R	710416
13205206.25	TROS	474253	13236	C-R	710773	13336A	HERCU	473236 <sup>2B</sup>	13425	SKF	223420
13205604	TROS	471570 <sup>2B</sup>	13236	SKF	710773	13339	DIVCO	450867	13425	SKF	710416
13205606	TROS	471570 <sup>2B</sup>	13241LDS	JN-MN	476470	13339	DIVCO	470898	13426	C-R	223420
13205606.25	TROS	471570 <sup>2B</sup>	13242	C-R	481834	1333OS	JN-MN	415045 <sup>2B</sup>	13426	SKF	223420
13206006	TROS	471571	13242	SKF	481834	133456	HYST	471737	13427	C-R	710236
13206006.25	TROS	471571	1324262	CHRYS	5414	133494R1	IH	7581H	13427	SKF	710236
13206205	TROS	472324 <sup>2B</sup>	132435H10	IH	416888 <sup>2B</sup>	133494R2	IH	7581H	13429	C-R	223420
13206206.25	TROS	451583 <sup>2B</sup>	132435-H-20	IH	470625 <sup>2B</sup>	133494R92	IH	7581H	13429	SKF	223420
132062SC	TRSCM	6760S	13244SA	TRSCM	6241S	1334OS	JN-MN	417601	134299	GOODM	470219
13206305	TROS	472324 <sup>2B</sup>	13246	C-R	2300	13350	C-R	484054 <sup>29</sup>	134299	GOODM	471649 <sup>2B</sup>
13206306	TROS	472324 <sup>2B</sup>	13246	SKF	2300	13350	SKF	484054	134299	JEFF	470219
13206306.25	TROS	472324 <sup>2B</sup>	132563TB	TRSCM	473258 <sup>2B</sup>	133523	HYST	455019 <sup>2B</sup>	134299	JEFF	471649 <sup>2B</sup>
132063SB	TRSCM	470774 <sup>2B</sup>	132563VTB	TRSCM	471847N	13353X	MASSE	450066	134313	MIHLE	415379 <sup>2B</sup>
132074	ROSS	472560N <sup>2B</sup>	132607A	HARWA	13X26X7	13353X	MASSE	473367 <sup>2B</sup>	134313	MIHLE	455379
132074	ROSS	50151S	132607XX	TIMKE	13X26X7	13355X	MASSE	473225 <sup>2B</sup>	13433	C-R	34X52X8
1320B	GOODM	450194	1326093	CHRYS	5414	1335716	GMC	451147H	13433	SKF	34X52X8
1320B	GOODM	473010 <sup>2B</sup>	132628R91	IH	7600S	1335RC	SUL	416666	13435	C-R	710418
1320D	GOODM	450154	13265SL	TRSCM	450776 <sup>2B</sup>	133607H	IH	470077	13435	SKF	710418
1320D	GOODM	473234	132707R91	IH	471466 <sup>2B</sup>	133607H	IH	474281 <sup>2B</sup>	13436LPD	JN-MN	455129
1320RC	SUL	416339	13273SB	TRSCM	323125	133675	JEFF	417481	13437	C-R	473436 <sup>29</sup>
1320RC	SUL	455031 <sup>2B</sup>	13275	C-R	450147	13382	C-R	710897	13437	SKF	473436
13210004	TROS	471224 <sup>2B</sup>	13275	SKF	450147	13382	SKF	710897	13438	C-R	34X54X9
13210005	TROS	471224 <sup>2B</sup>	13280	C-R	710109	13382	TIMKE	710897	13438	SKF	34X54X9
13210006	TROS	471224 <sup>2B</sup>	13280	SKF	710109	13385	GW	481568 <sup>2B</sup>	134380H1	HOUGH	410308 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
134380H1	HOUGH	450308	13508	SKF	8549S	13512	SKF	330663	13545	SKF	40395
13438LPD	JN-MN	471686	13510-00QAA	NISSA	1172	135127	ALLCH	415371	13545	SKF	40395S
13439	C-R	710110	13510-01B00	NISSA	239146	135.14	ELRNG	710711	13548	BORGW	411253 <sup>28</sup>
13439	SKF	710110	13510-01M00	NISSA	223602	135.140	ELRNG	223801	13548	BORGW	450099
134399	GOODM	470219	13510-02400	NISSA	224650	135.150	ELRNG	223020	13548	C-R	40395
134399	GOODM	471649 <sup>28</sup>	13510-10Y00	NISSA	224052	13517LDS	JN-MN	471419	13548	C-R	40395S
134399	JEFF	470219	13510-10Y10	NISSA	224052	13517LDS	JN-MN	473367	13548	SKF	40395
134399	JEFF	471649 <sup>28</sup>	13510-10Y12	NISSA	224052	135.180	ELRNG	710790	13548	SKF	40395S
13441	C-R	710110	13510-10Y13	NISSA	224052	13518LDS	JN-MN	416011	13548	SPERY	411253 <sup>28</sup>
13441	SKF	710110	13510-16A00	NISSA	223340	13518LDS	JN-MN	417621 <sup>28</sup>	13548A	VICK	411253 <sup>28</sup>
13442AS	HERCU	8370S	13510-16V10	NISSA	223340	135.190	ELRNG	710669	13548A	VICK	450099
13445	C-R	473812	13510-18000	NISSA	223831	135255SP	TRSCM	8594S	13552	C-R	1987
13445	SKF	473812	13510-18V10	NISSA	223340	13527	C-R	2443	13552	SKF	1987
13448LUP	JN-MN	471472 <sup>28</sup>	13510-19V00	NISSA	224052	13527	SKF	2443	13553LPD	JN-MN	417344 <sup>28</sup>
134494	JEFF	415025	13510-1F700	NISSA	224052	13529	C-R	340853	13554LUP	JN-MN	473016 <sup>28</sup>
1345-044-003	WARNR	3946	13510-1KC1A	NISSA	224650	13529	SKF	340853	13557	C-R	482163
1345044004	BORGW	473237 <sup>28</sup>	13510-1KT0A	NISSA	224015	1352916	B-L-H	415449 <sup>28</sup>	13557	C-R	482163N
1345044004	WARNR	473237 <sup>28</sup>	13510-1LA0A	NISSA	224650	1352916	B-L-H	455147	13557	C-R	714655 <sup>28</sup>
1345-044-044	WARNR	473237 <sup>28</sup>	13510-2J200	NISSA	224650	135292	GOODM	415088 <sup>28</sup>	13557	SKF	482163
13452	C-R	710314	13510-31U00	NISSA	710356	135292	GOODM	455088	13557	SKF	482163N
13452	SKF	710314	13510-31U10	NISSA	710356	135292	JEFF	415088 <sup>28</sup>	13557	SKF	714655
13458LUP	JN-MN	450593 <sup>28</sup>	13510-40F00	NISSA	224650	135292	JEFF	455088	13562	C-R	472258 <sup>28</sup>
134592	GOODM	6863S <sup>28</sup>	13510-40F10	NISSA	224650	135308	HOUGH	471224 <sup>28</sup>	13562	C-R	5872S
134592	JEFF	6863S <sup>28</sup>	1351050B10	NISSA	224052	13533	C-R	6597S	13562	SKF	472258
1346034	GMC	470403	1351050B11	NISSA	224052	13533	SKF	6597S	13562	SKF	5872S
1346034	GMC	470774 <sup>28</sup>	13510-53J00	NISSA	224650	135330	CROSS	471571	13567	BU-SP	471652
13462	CHRYL	473457 <sup>28</sup>	13510-53J01	NISSA	224650	13534	C-R	330663	13568	C-R	480570
134631	SPICE	471466 <sup>28</sup>	13510-53J10	NISSA	224650	13534	C-R	352354	13568	SKF	480570
134632	SPICE	470358	13510-53J11	NISSA	224650	13534	C-R	472354 <sup>28</sup>	13569	C-R	472258 <sup>28</sup>
134632	SPICE	473231	13510-580800	NISSA	224052	13534	SKF	330663	13569	SKF	472258
134633	SPICE	471192	13510-60U00	NISSA	710354	13534	SKF	352354	13571	C-R	5872S
134634	SPICE	471765 <sup>28</sup>	13510-6N200	NISSA	224650	13534	SKF	472354	13571	SKF	5872S
134661	SCHWI	412015V	13510-6N210	NISSA	224650	13534A	HERCU	416047	13571LPD	JN-MN	471424 <sup>28</sup>
1346883	GMC	470403	13510-71J00	NISSA	224052	13534A	HERCU	416332 <sup>28</sup>	135722	ALLCH	415138 <sup>28</sup>
1346883	GMC	470774 <sup>28</sup>	13510-77A05	NISSA	224052	13535	C-R	330663	13573	C-R	40522S
13469LPD	JN-MN	481073	13510-77A10	NISSA	224052	13535	C-R	472354 <sup>28,29</sup>	13573	SKF	40522S
1347056	GMC	331301N	13510-7Y000	NISSA	710356	13535	SKF	330663	1357370	GMC	8594S
134717	HYST	471231 <sup>28</sup>	13510-88G00	NISSA	223340	13535	SKF	472354	13574	NPG	473468
1347413	GMC	470064	1351088G10	NISSA	223340	13537	C-R	323138 <sup>28,29</sup>	13574	SPICE	473442 <sup>28</sup>
1347413	GMC	471821 <sup>28</sup>	13510-88G10	TOYOT	223340	13537	SKF	323138	13578LDS	JN-MN	471801 <sup>28</sup>
13477E	IH	415001 <sup>28</sup>	13510-97E00	NISSA	710356	13538	C-R	484156V	13579	C-R	472258V
13477E	IH	455001	13510-97E10	NISSA	710356	13538	SKF	484156V	13579	SKF	472258V
13478	C-R	710109	13510-A8V10	NISSA	223340	1353918	GMC	473228	13579LDS	JN-MN	471869
13478	SKF	710109	13510-AD200	NISSA	225005	1353918	GMC	51098	13579LDS	JN-MN	473459
13484	C-R	710151	13510-D0100	NISSA	223340	1353919	GMC	473228	135804	SPERY	482126
13484	SKF	710151	13510-ED000	NISSA	224015	1353919	GMC	51098	135804	VICK	482126
13491	GARLK	710005	13510-H1000	NISSA	223831	1353997	GMC	9613S	13581	C-R	472258V
13491	NEWPR	710005	13510-H1000	NISSA	38X55X7 <sup>28</sup>	135402	MINNM	340385	13581	SKF	472258V
13492	C-R	8594S <sup>29</sup>	13510-H1001	NISSA	223831	135402	OLIVE	340385	13581LPD	JN-MN	471137
13492	SKF	8594S	13510H1010	NISSA	223831	13541X	MASSE	450070	13582	C-R	470774V
134928R91	IH	351267	13510H1010	NISSA	38X55X7 <sup>28</sup>	13541X	MASSE	472185 <sup>28</sup>	13582	SKF	470774V
134928R91	IH	471267 <sup>28</sup>	13510-R2000	NISSA	224205	13543	C-R	40395	13585	C-R	470403
13495	C-R	710250	13510-V5000	NISSA	223340	13543	C-R	40395S	13585	C-R	470774 <sup>29</sup>
13495	SKF	710250	13510-V7200	NISSA	224052	13543	SKF	40395	13585	SKF	470403
134989	NRWST	471424 <sup>28</sup>	13510V7201	NISSA	224052	13543	SKF	40395S	13585	SKF	470774
134PKG	TIMKE	134PKG	13510V7202	NISSA	224052	13544	DIA	5MR71	13587LPD	JN-MN	471870 <sup>28</sup>
134R	TIMKE	134PKG	13510-V720A	NISSA	224052	135442	DIA	5MR71	13587LPD	JN-MN	471883
13500	C-R	8133S	13511	C-R	484156V	135443	SCHWI	410085N	13588	C-R	470403
13500	SKF	8133S	13511	SKF	484156V	13545	C-R	40395	13588	SKF	470403
13508	C-R	8549S <sup>29</sup>	13512	C-R	330663	13545	C-R	40395S	1358899	GMC	9613S

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
135897	GOODM	417020	136277	HOUGH	417316 <sup>2B</sup>	13685	C-R	2655	137174	HYST	417269 <sup>2B</sup>
135897	JEFF	417020	136277H1	HOUGH	415004	13685	SKF	2655	13719	FAIRB	471558
1359176	GMC	6712NA	136277H1	HOUGH	417316 <sup>2B</sup>	136879	CUMMI	416271 <sup>2B</sup>	13720	C-R	471255
1359496	WHITE	416288 <sup>2B</sup>	1363206	GMC	8594S	13688	C-R	4614N	13720	FAIRB	471255 <sup>2B</sup>
135955	NEHO	472164 <sup>2B</sup>	13637	KEN	415656	13688	SKF	4614N	13720	SKF	471255
13595LDS	JN-MN	417546 <sup>2B</sup>	136376	SPERY	204029	13689	C-R	40169S	13721	LEROI	481073
13595X	MASSE	470120	136376	SPERY	204507 <sup>2B</sup>	13689	SKF	40169S	13722	C-R	710618
13595X	MASSE	471224 <sup>2B</sup>	136393	US-EL	470548	136899H2	IH	472492 <sup>2B</sup>	13722	SKF	710618
13596	C-R	6760S	136393	US-EL	470625 <sup>2B</sup>	13691	C-R	473214V	137231C1	IH	204038
13596	SKF	6760S	13644	C-R	710702	13691	SKF	473214V	137235SP	TRSCM	8549S
13598	C-R	51322 <sup>29</sup>	13644	SKF	710702	136957R91	IH	340771	13724	FAIRB	470027
13598	SKF	51322	136478	US-EL	416664 <sup>2B</sup>	13696A	HEIL	417267	13724	FAIRB	471554 <sup>2B</sup>
135999	HOUGH	415371	13647LPD	JN-MN	471729	13696A	HERCU	417267	13724	IH	470027
135999H1	HOUGH	415371	13649	C-R	471192	13698	C-R	473214 <sup>2B</sup>	13724	IH	471554 <sup>2B</sup>
135999H1	IH	415371	13649	SKF	471192	13698	SKF	473214	13725	C-R	710419
135PKG	TIMKE	135PKG	13650	C-R	471192	136A10804	TROS	352560	13725	SKF	710419
135R	TIMKE	135PKG	13650	SKF	471192	136A10804	TROS	472560N <sup>2B</sup>	137253R91	IH	471103 <sup>2B</sup>
135X160X13	TIMKE	135X160X13	13651	C-R	471192	136PKG	TIMKE	136PKG	137253R91	IH	50197S
135X160X13SC	TRSCM	135X160X13	13651	SKF	471192	136R	TIMKE	136PKG	13726	C-R	710630
135X160X13TC	TRSCM	135X160X13	136535	WEBER	415303 <sup>2B</sup>	137	BORGW	455480 <sup>2B</sup>	13726	SKF	710630
136002	HOUGH	450121	136540	WEBER	450446	137	IG-RA	455480 <sup>2B</sup>	137272R91	IH	470004 <sup>2B</sup>
136002H1	HOUGH	472409 <sup>2B</sup>	1366	MURPH	450067	13700	C-R	9569S	13728	STEEL	471267 <sup>2B</sup>
136002H1	HOUGH	450121	1366	MURPH	473228	13700	SKF	9569S	13729	C-R	710656
136002H1	HOUGH	472409 <sup>2B</sup>	1366068	FORD	710728	1370084020	COLLS	330385 <sup>2B</sup>	13729	SKF	710656
136002H1	IH	450121	13662	C-R	471192	1370085020	COLLS	416271 <sup>2B</sup>	13729X	MASSE	471750 <sup>2B</sup>
136002H1	IH	472409 <sup>2B</sup>	13662	SKF	471192	1370085030	COLLS	471413 <sup>2B</sup>	1373030	GMC	6712NA
13602	C-R	472287 <sup>2B</sup>	13663	C-R	471192V	1370085040	COLLS	410520	13732	SPICE	412119 <sup>2B</sup>
13602	SKF	472287	13663	SKF	471192V	1370085040	COLLS	471272 <sup>2B</sup>	13732	SPICE	450101
13604	BU-SP	415645 <sup>2B</sup>	13668	C-R	3543	1370085050	COLLS	450457	13732A	HEIL	471255 <sup>2B</sup>
13604	BU-SP	455104	13668	SKF	3543	1370085060	COLLS	473224 <sup>2B</sup>	13732A	HERCU	471255 <sup>2B</sup>
13608	C-R	4638N	136699	HOUGH	455186	1370085070	COLLS	472015 <sup>2B</sup>	13735	C-R	100165
13608	SKF	4638N	136702	HOUGH	417546 <sup>2B</sup>	1370090010	COLLS	471760	13735	SKF	100165
136088	GOODM	471645	136702H1	IH	472439	13703	C-R	710616	13738	C-R	473215 <sup>2B</sup>
1361	ALOY	224045	13671	C-R	473214 <sup>2B</sup>	13703	SKF	710616	13738	C-R	9568
13610004	TROS	471270 <sup>2B</sup>	13671	C-R	6200	13704	C-R	8660S	13738	SKF	473215
13610006	TROS	471270 <sup>2B</sup>	13671	SKF	473214	13704	SKF	8660S	13738	SKF	9568
13610406	TROS	450188	13671	SKF	6200	13704204	TROS	481397	137381	GMC	415991
13610804	TROS	352560	13672	CHRYL	3173	13704206	TROS	481397	13739	C-R	3116N
13610804	TROS	472560N <sup>2B</sup>	13672	CHRYL	710928	13704804	TROS	471498	13739	SKF	3116N
13610805	TROS	352560	13672	GARLK	3173	13705604	TROS	471633 <sup>2B</sup>	13742	C-R	710592
13610805	TROS	472560N <sup>2B</sup>	13672	GARLK	710928	137060H	IH	450291	13742	SKF	710592
13610806	TROS	472560N <sup>2B</sup>	1367260	OSHKO	415938	137060H	IH	471141 <sup>2B</sup>	13748	C-R	710336
13610806	TROS	50151S	136734	HOUGH	455330 <sup>2B</sup>	137068	US-EL	470898	13748	SKF	710336
136 15 06	JPAT	224045	136734H1	IH	455330 <sup>2B</sup>	13709	C-R	320249	13748X	MASSE	410102
13616	C-R	710733	136735	HOUGH	450082	13709	C-R	714436	13750	C-R	3543
13616	SKF	710733	136735	HOUGH	473238	13709	SKF	320249	13750	SKF	3543
13618	MALL	480210 <sup>2B</sup>	136735H1	IH	450082	13709	SKF	714436	137547	NEHO	473231 <sup>2B</sup>
136203SB	TRSCM	51322	136735H1	IH	473238	13710	C-R	42763 <sup>29</sup>	13757	C-R	710429
136206	GOODM	415938	136735H2	HOUGH	450082	13710	DIA	471689 <sup>2B</sup>	13757	SKF	710429
136206	JEFF	415150 <sup>2B</sup>	136735H2	HOUGH	473238	13710	SKF	42763	13758	C-R	43089S
136233H2	IH	417597	13673LPD	JN-MN	471689 <sup>2B</sup>	13710204	TROS	471076	13758	SKF	43089S
136234SB	TRSCM	9568	13674	IH	455330 <sup>2B</sup>	13711	C-R	204027	13759	C-R	223520 <sup>2B</sup>
1362377	GMC	8594S	13676	C-R	473214 <sup>2B</sup>	13711	SKF	204027	13759	NEWPR	341022
13624	C-R	470027	13676	C-R	7495S	13712	C-R	710668	13759	SKF	223520
13624	C-R	471554 <sup>2B</sup>	13676	SKF	473214	13712	SKF	710668	137592	US-EL	471647
13624	SKF	470027	13676	SKF	7495S	137136	HOUGH	410737 <sup>2B</sup>	1376	CHEL	471763
13624	SKF	471554	136762R1	IH	450066	137 15 01	JPAT	224052	1376030	OSHKO	415991 <sup>2B</sup>
13627	C-R	710662	136762R1	IH	473367 <sup>2B</sup>	13716	C-R	713771	1376030	OSHKO	415991N
13627	SKF	710662	136771	SPERY	474278 <sup>2B</sup>	13716	SKF	713771	137624	FMC	40027S
136277	HOUGH	415004	1368068	GMC	331301N	1371718	FORD	710788	13763	C-R	710489

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
13763	SKF	710489	13845	SKF	710178	13896	HYST	474265	13938	C-R	35X47X7 <sup>28</sup>
13768LUP	JN-MN	417481	13845662	JOY	415138 <sup>28</sup>	13896	KEN	415437	13938	SKF	223510
13769	C-R	710864	1384746	GMC	6712NA	13896	SKF	711027	13938	SKF	35X47X7
13769	SKF	710864	13849	C-R	1147	13897	C-R	710217	13939	C-R	1172
13770LUP	JN-MN	415150 <sup>28</sup>	13849	SKF	1147	13897	SKF	710217	13939	SKF	1172
13771	C-R	223535	13851171	JOY	473210	13899	HOUGH	417316 <sup>28</sup>	13941	C-R	35X48X8 <sup>28</sup>
13771	SKF	223535	13851172	JOY	416294 <sup>28</sup>	13899	HOUGH	455004	13941	C-R	710051
13772	C-R	710806	13851173	JOY	415937 <sup>28</sup>	13899	PUL	412119 <sup>28</sup>	13941	SKF	35X48X8
13772	SKF	710806	13851174	JOY	415035	13899	PUL	450101	13941	SKF	710051
13772LPD	JN-MN	415058	13851174	JOY	415953	138PKG	TIMKE	138PKG	13942	C-R	1108
13773	C-R	710692	13851175	JOY	415138 <sup>28</sup>	138R	TIMKE	138PKG	13942	NEWPR	9449
13773	SKF	710692	13851176	JOY	455576 <sup>28</sup>	138X152X12	TIMKE	138X152X12	13942	SKF	1108
13773LDS	JN-MN	453182	13851177	JOY	417362 <sup>28</sup>	13900	C-R	323125	13943	C-R	3771
1377748	VOLVO	222820	13852LDS	JN-MN	472179	13900	SKF	323125	13943	SKF	3771
13778	C-R	710683	13853	C-R	4613N	1390004002	BORGW	472189A <sup>28</sup>	13944	C-R	223520
13778	SKF	710683	13853	SKF	4613N	1390321	CHRYS	410987 <sup>28</sup>	13944	C-R	35X50X8 <sup>28</sup>
13778SS	JN-MN	471442 <sup>28</sup>	13857	C-R	1987	1390321	CHRYS	450103	13944	SKF	223520
137816H	IH	50327	13857	SKF	1987	13905	GARLK	3946	13944	SKF	35X50X8
13784	C-R	710583	13858	C-R	710138	13905	NEWPR	3946	13945	C-R	223510
13784	SKF	710583	13858	SKF	710138	13906	C-R	450463	13945	SKF	223510
13785	C-R	711027	13858LDS	JN-MN	415483	13906	SKF	450463	13946	C-R	710424
13785	SKF	711027	13861	C-R	223540	13907	C-R	710329	13946	SKF	710424
13786	C-R	710546	13861	C-R	35X55X8 <sup>28</sup>	13907	SKF	710329	13947	C-R	3655
13786	SKF	710546	13861	SKF	223540	13908	HOUGH	416107 <sup>28</sup>	13947	SKF	3655
13789LUP	JN-MN	415128	13861	SKF	35X55X8	13908	HOUGH	455073	13948	C-R	35X52X7 <sup>28</sup>
137902H1	HOUGH	417134	1386231	GMC	9613S	13911	C-R	710076	13948	SKF	35X52X7
13792	C-R	223550	13865	C-R	450444	13911	SKF	710076	13949	C-R	223535
13792	SKF	223550	13865	SKF	450444	13914LUP	JN-MN	471466 <sup>28</sup>	13949	SKF	223535
1379246	GMC	5591 <sup>30</sup>	13869	C-R	473214	13916	C-R	472658	139499	HYST	476470
137945H1	HOUGH	40140S	13869	SKF	473214	13916	C-R	473197	13951	C-R	223535
13797	C-R	470950	1387134	GMC	5591	13916	SKF	472658	13951	SKF	223535
13797	SKF	470950	13872	KEN	415001 <sup>28</sup>	13916	SKF	473197	13952	C-R	35X54X8 <sup>28</sup>
137PKG	TIMKE	137PKG	13872	KEN	455001	13918	C-R	473197 <sup>28</sup>	13952	C-R	710331
137R	TIMKE	137PKG	13875	C-R	473258 <sup>28</sup>	13918	SKF	473197	13952	SKF	35X54X8
13800	CASE	6590S	13875	SKF	473258	13920	C-R	473197 <sup>28</sup>	13952	SKF	710331
13804LPD	JN-MN	453182	13876	BU-SP	417247 <sup>28</sup>	13920	SKF	473197	13953	C-R	4040N
138053	ALLCH	415007	13876	C-R	473258 <sup>28</sup>	139224TB	TRSCM	8660S	13953	SKF	4040N
138088	JEFF	471645	13876	SKF	473258	13922LDS	JN-MN	473450 <sup>28</sup>	13954	C-R	223542 <sup>29</sup>
13809LUP	JN-MN	55078S	13878	C-R	471847N	13924A	HERCU	450441	13954	C-R	35X55X11
1380A3	WHITE	485195H	13878	SKF	471847N	13924A	HERCU	471341 <sup>28</sup>	13954	C-R	35X55X11 <sup>28</sup>
1381	SKIL	472951	1387OS	JN-MN	412027 <sup>29</sup>	13925	C-R	473197	13954	C-R	35X55X8 <sup>28</sup>
1381	SKIL	474252	138802C1	IH	J1125	13925	SKF	473197	13954	C-R	473823
13810	C-R	483793	138803C1	IH	415389N	13927	C-R	35X45X7	13954	SKF	223542
13810	SKF	483793	13884	C-R	714436	13927	SKF	35X45X7	13954	SKF	35X55X11
13812	C-R	471276 <sup>29</sup>	13884	SKF	714436	13929	C-R	471105	13954	SKF	35X55X8
13812	SKF	471276	13885	C-R	223520	13929	SKF	471105	13954	SKF	473823
138120	HYST	472258 <sup>28</sup>	13885	C-R	710324 <sup>29</sup>	13930	C-R	3655	13954LPD	JN-MN	417486
13816LPD	JN-MN	455297	13885	SKF	223520	13930	SKF	3655	13955	C-R	9344S
1381798	VOLVO	710729	13885	SKF	710324	13933	C-R	223520	13955	SKF	9344S
1381798-6	VOLVO	710729	13888	C-R	4529N	13933	C-R	35X50X7 <sup>28</sup>	13956	C-R	8676S
13824X	MASSE	470059	13888	SKF	4529N	13933	SKF	223520	13956	SKF	8676S
13824X	MASSE	470380 <sup>28</sup>	13892	C-R	450776 <sup>28</sup>	13933	SKF	35X50X7	139560	JEFF	416865 <sup>28</sup>
13829	JOHND	473473	13892	SKF	450776	13934	C-R	450492	139560	JEFF	455070
13831E	JOHND	415035 <sup>28</sup>	13893	C-R	223542	13934	SKF	450492	139561	GOODM	55030
13831E	JOHND	455035	13893	C-R	35X55X11 <sup>28</sup>	13936	C-R	450516	139561	JEFF	55030
138374H1	HOUGH	417535	13893	SKF	223542	13936	SKF	450516	13957	C-R	710331
13839	C-R	7687S	13893	SKF	35X55X11	13937	C-R	470989	13957	SKF	710331
13839	SKF	7687S	13893	SKF	35X55X11	13937	SKF	470989	13959	C-R	710096
138396H2	IH	2505	13896	C-R	711027	139371	US-EL	473235 <sup>28</sup>	13959	MASSE	470120
13845	C-R	710178	13896	HYST	470074	13938	C-R	223510	13959	MASSE	471224 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
13959	SKF	710096	139886	JEFF	471766 <sup>28</sup>	14005005	TROS	481644	140228	JEFF	410825
13959A	HERCU	41264S	139888	JEFF	415867	14005604	TROS	471646 <sup>28</sup>	14023	C-R	36X54X8
13960	C-R	35X55X8 <sup>28</sup>	13990	C-R	8660S	14005605	TROS	471646 <sup>28</sup>	14023	SKF	36X54X8
13960	SKF	35X55X8	13990	SKF	8660S	14005607	TROS	471646 <sup>28</sup>	140233	GOODM	470548
13961	C-R	223543	13992	C-R	8660S	14006	C-R	710396	140233	GOODM	470625 <sup>28</sup>
13961	C-R	35X56X10 <sup>28</sup>	13992	SKF	8660S	14006	SKF	710396	140236	ALLCH	415196 <sup>28</sup>
13961	C-R	35X56X8	139924	US-EL	415074	14006004	TROS	471647	14024	C-R	710197
13961	SKF	223543	139927	US-EL	415074	14006005	TROS	471647	14024	SKF	710197
13961	SKF	35X56X10	13993	C-R	35X55X8 <sup>28</sup>	14007	C-R	710218	1402443	CHRYS	6241S
13961	SKF	35X56X8	13993	C-R	473823	14007	SKF	710218	1402618	CHRYS	6636S
13962	C-R	2007N	13993	SKF	35X55X8	14008	C-R	223602	14027	C-R	710331
13962	SKF	2007N	13993	SKF	473823	14008	SKF	223602	14027	SKF	710331
13963	C-R	223540	13994	C-R	223543 <sup>28</sup>	14009	C-R	223605	14028	C-R	710197
13963	SKF	223540	13994	SKF	223543	14009	C-R	36X50X7 <sup>28</sup>	14028	C-R	710199
13966	C-R	4901	13994LPD	JN-MN	25X52X7 <sup>28</sup>	14009	SKF	223605	14028	SKF	710197
13966	SKF	4901	13995	C-R	710502	14009	SKF	36X50X7	14028	SKF	710199
13967	C-R	35X60X10 <sup>28</sup>	13995	SKF	710502	14009612	GMC	710385	1403023	FMC	415007
13967	C-R	710424	13998	C-R	223552	14010	C-R	223605	1403023	FORD	415007
13967	SKF	35X60X10	13998	SKF	223552	14010	C-R	36X50X7 <sup>28</sup>	1403031	FMC	411253 <sup>28</sup>
13967	SKF	710424	13998F	OSHKO	415035 <sup>28</sup>	14010	SKF	223605	1403031	FMC	450099
13969	C-R	4901	13998F	OSHKO	415953	14010	SKF	36X50X7	14032	C-R	1940
13969	HYST	470074	139PKG	TIMKE	139PKG	14010004	TROS	470219	14032	C-R	224660
13969	HYST	474265	139R	TIMKE	139PKG	14010004	TROS	471649 <sup>28</sup>	14032	SKF	1940
13969	SKF	4901	13D19	TLSMI	416624N	14010005	TROS	471649 <sup>28</sup>	14032	SKF	224660
13970	C-R	35X62X7 <sup>28</sup>	13X015010XX	TIMKE	130X150X10	14010007	TROS	470219	14033	C-R	710343
13970	NEWPR	473313	13X016012XX	TIMKE	130X160X12	14010007	TROS	471649 <sup>28</sup>	14033	SKF	710343
13970	SKF	35X62X7	13X017012XX	TIMKE	130X170X12	14010804.5	TROS	471652	14033199	GMC	9845
13971	C-R	1173	13X017015XX	TIMKE	130X170X15	14010805	TROS	471652	140337	FORD	450194
13971	SKF	1173	13X22X6	TIMKE	13X22X6	14011	C-R	223605	140337	FORD	473010 <sup>28</sup>
13974	C-R	223580	13X26X7	FORSH	13X26X7	14011	SKF	223605	14034495	GMC	224520
13974	SKF	223580	13X26X7	SIMRT	13X26X7	14012	C-R	223608	140359R91	IH	410496 <sup>28</sup>
13977	C-R	35X70X8	13X26X7	TIMKE	13X26X7	14012	SKF	223608	14037	C-R	36X56X10
13977	SKF	35X70X8	13X26X7SC	TRSCM	13X26X7	14012694	GMC	3896	14037	SKF	36X56X10
13978	C-R	1173 <sup>29</sup>	13X26X7TC	TRSCM	13X26X7	14012754	GMC	3747	14039	C-R	36X58X12
13978	SKF	1173	13X28X7	TIMKE	13X28X7	14012967	GMC	710044	28	SKF	36X58X12
13979	C-R	35X72X8 <sup>28</sup>	13X30X7SC	TRSCM	13X30X7	1401335	CHRYS	5414	14039	SKF	36X58X12
13979	SKF	35X72X8	13X30X7TC	TRSCM	13X30X7	1401336	CHRYS	5414	14039577	AA&M	223255
139790	SCHWI	470625V	13X516013XX	TIMKE	135X160X13	14014	C-R	710818	14039577	GMC	223255
13979SSW	JN-MN	200322	13X815212XX	TIMKE	138X152X12	14014	SKF	710818	14039587	AA&M	710532
13981	C-R	710629	14	BL-KN	471787 <sup>28</sup>	14015	DGASK	3655	14039587	GMC	710532
13981	SKF	710629	1400044001	BORGW	416239 <sup>28</sup>	14015	HYST	340356	14039587	SAAB	710532
139822	HYST	340827	1400044002	BORGW	410825	14016	C-R	223608 <sup>29</sup>	14040	C-R	36X58X12
13985	C-R	3214	1400044008	BORGW	471766 <sup>28</sup>	14016	C-R	36X52X7 <sup>28</sup>	28	C-R	36X58X8 <sup>28</sup>
13985	SKF	3214	1400044009	BORGW	473231 <sup>28</sup>	14016	SKF	223608	14040	C-R	474288
139852	HYST	340847	1400044010	BORGW	472473	14016	SKF	36X52X7	14040	SKF	36X58X12
13986	C-R	35X80X8	1400044011	BORGW	416130 <sup>28</sup>	1401691	BUC-E	472354 <sup>28</sup>	14040	SKF	36X58X12
13986	SKF	35X80X8	140007	SCHWI	471689 <sup>28</sup>	1401691	BUC-E	50395S	14040	SKF	36X58X8
139866	GOODM	470163	14001933	LF-PT	471829	14017	C-R	223608	14040	SKF	474288
139866	GOODM	471766 <sup>28</sup>	14002	C-R	710166	14017	SKF	223608	140408	ALLCH	450085
139866	JEFF	470163	14002	SKF	710166	14018	C-R	223553	140408	ALLCH	470530 <sup>28</sup>
139866	JEFF	471766 <sup>28</sup>	14002LDS	JN-MN	6879H	14018	SKF	223553	140420	ALLCH	415001 <sup>28</sup>
13987	C-R	3771	14003414	GMC	8871	14018STLPD	JN-MN	415227 <sup>28</sup>	140420	ALLCH	455001
13987	C-R	710730	14003417	GMC	8835S	14019LUP	JN-MN	472299	14042LPD	JN-MN	416664 <sup>28</sup>
13987	SKF	3771	14004	C-R	710343	14020	C-R	710197 <sup>28</sup>	14043	C-R	36X58X12
13987	SKF	710730	14004	SKF	710343	14020	SKF	710197	28	SKF	36X58X12
139885	JEFF	415281N	14004804	TROS	471643 <sup>28</sup>	14021	C-R	223540	14043	C-R	36X58X12
139885	SUL	415281N	14004805	TROS	471643 <sup>28</sup>	14021	SKF	223540	14044	SKF	36X58X12
139886	JEFF	470163	14005	C-R	223601	14021077	GMC	5697	28	SKF	36X58X12
			14005	SKF	223601	140227	GOODM	410825	14044	C-R	1965
			14005003	TROS	481644	140227	JEFF	472394			

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
14045	SKF	1965	14088559	GMC	4359V	141507	ALLCH	455035	142329H	IH	480356
14046	C-R	1965	14088560	GMC	4359V	14151	HYST	473467	142329HA	IH	340356
14046	SKF	1965	14088560	GMC	5274	141515HA	IH	323138 <sup>28</sup>	142331H	IH	472560N <sup>28</sup>
14046941	GMC	710171	14090906	GMC	710606	141515HB	IH	323138 <sup>28</sup>	142331H	IH	50151S
14046972	CHRYSLER	5698	14091	DGASK	3771	141516HA	IH	340400	142331HA	IH	472560N <sup>28</sup>
14046972	GMC	5698	14091422	GMC	473227V	141516HB	IH	340400	142331HA	IH	50151S
14047298	GMC	3747	14092820	GMC	3667	14154LPD	JN-MN	472924 <sup>28</sup>	142333HA	IH	474276 <sup>28</sup>
14050	C-R	36X62X7 <sup>28</sup>	14092900	GMC	710479	1415976	GMC	473228 <sup>28</sup>	142333HB	IH	474276 <sup>28</sup>
14050	C-R	4989	14095609	GMC	3173	1415976	MASSE	473228 <sup>28</sup>	14233TB	TRSCM	473225 <sup>28</sup>
14050	SKF	36X62X7	14095609	GMC	710928	14166	C-R	223605	14234	C-R	710760
14050	SKF	4989	14095610	GMC	3946	14166	SKF	223605	14234	SKF	710760
14053338	GMC	9613S	14095611	GMC	341022	141671	HYST	417603 <sup>28</sup>	1423404	GMC	450082
14055	C-R	710057	14096051	GMC	4359V	14169	C-R	474288	1423404	GMC	473238
14055	SKF	710057	14096052	GMC	4359V	14169	SKF	474288	14237LPD	JN-MN	455024
14057	C-R	710057 <sup>29</sup>	140 997 08 46	MERCE	224250	14171	HYST	472560N <sup>28</sup>	1423RC	SUL	417172
14057	SKF	710057	140A10804	TROS	471652	14171	HYST	50151S	142407XX	TIMKE	14X24X7
140574	JEFF	412473 <sup>28</sup>	140B04804	TROS	471643 <sup>28</sup>	141739	CUMMI	340797	142416	STUDE	473213 <sup>28</sup>
140574	JEFF	415894	140B10804	TROS	471652	141743	CUMMI	2291	1424334A	AUTSP	474276 <sup>28</sup>
14058	C-R	710252	140PKG	TIMKE	140PKG	141818	ALLCH	470163	14243SB	TRSCM	474264 <sup>28</sup>
14058	SKF	710252	140R	TIMKE	140PKG	141818	ALLCH	471766 <sup>28</sup>	14247	C-R	470672
14058LUP	JN-MN	471224 <sup>28</sup>	140X170X15	TIMKE	140X170X15	14182FX	OSHKO	474278 <sup>28</sup>	14247	DGASK	3476
14059	DGASK	3774	140X170X15SC	TRSCM		14182X	MASSE	240119	14247	SKF	470672
14061	DGASK	3774	140X170X15 <sup>28</sup>			14188	WITTE	416273 <sup>28</sup>	1424B	GOODM	471984
14062X	MASSE	350954	140X170X15TC	TRSCM		1418889	GMC	450274	1424D	GOODM	473313
14062X	MASSE	470954 <sup>28</sup>	140X170X15 <sup>28</sup>			14190	C-R	228009	142505A	HARWA	14X25X5
14066982	GMC	5697	141	FMC	415836	14190	SKF	228009	142505XX	TIMKE	14X25X5
14066E	MASSE	474278 <sup>28</sup>	141	FMC	415995 <sup>28</sup>	14191	CASE	J1105	14253SB	TRSCM	473226
14066E	MASSE	480356	14100	MICH	6863S <sup>28</sup>	1419512	GMC	6064	1425501	AUTSP	481163 <sup>28</sup>
140688	CUMMI	470530 <sup>28</sup>	14100	UNIVE	6863S <sup>28</sup>	14198LUP	JN-MN	417602 <sup>28</sup>	14256	DGASK	3476
14069008	GMC	5433	14101	BENDI	471466 <sup>28</sup>	141PKG	TIMKE	141PKG	142598	CUMMI	475004H
14069068	GMC	5433	14101	CROSL	471466 <sup>28</sup>	141R	TIMKE	141PKG	142607XX	TIMKE	14X26X7
1407167	CHRYSLER	471564	14101	WOODB	417362 <sup>28</sup>	14202	DGASK	223420	14262	C-R	473016 <sup>28</sup>
14071721	GMC	710046	14107	SCAN	239146	14205	CASE	472041	14262	SKF	473016
140744	US-EL	416077	1411035	WOOL	450352	14205	CASE	473454	14270	WHITE	415023
14074833	GMC	4795V	1411035	WOOL	472164 <sup>28</sup>	14209	C-R	340930	142707XX	TIMKE	14X27X7
14075610	GMC	5072	141119	HYST	417605	14209	SKF	340930	142708R91	IH	410737 <sup>28</sup>
14076303	GMC	9845	14112	MICH	474277	1420D	GOODM	450352	142708R91	IH	450737
14076995	GMC	5699	14112	UNIVE	474277	1420D	GOODM	472164 <sup>28</sup>	14271LPD	JN-MN	417352
14077041	GMC	710532	141149	HYST	417605	14210	C-R	321417N	14271LPD	JN-MN	418028
14077244	GMC	4307V <sup>28</sup>	14115	C-R	223605	14210	SKF	321417N	14272	DGASK	6936S
1407752	CHRYSLER	6597S	14115	SKF	223605	14211	C-R	3395	14281	DGASK	4040N
14079089	GMC	9316	14115134	CONTI	50445	14211	SKF	3395	14282	C-R	473225 <sup>28</sup>
140791	HOUGH	470120	14115A	MASSE	471651	14213TB	TRSCM	473224 <sup>28</sup>	14282	SKF	473225
140791	HOUGH	471224 <sup>28</sup>	14119	C-R	4857	14214	C-R	3395 <sup>28</sup>	14283	C-R	473225 <sup>28</sup>
14079359	GMC	5072	14119	SKF	4857	14214	SKF	3395	14283	SKF	473225
14079467	GMC	3543	1412185	GMC	473212 <sup>28</sup>	142161	JEFF	471570 <sup>28</sup>	14287	DGASK	320595
14080587	GMC	2027	14125	C-R	710331	14218521020	ALLCH	417481	142917	US-EL	417258
1408142	CHRYSLER	450066	14125	SKF	710331	14223	C-R	473224 <sup>28</sup>	14293	DGASK	320595
1408142	CHRYSLER	473367 <sup>28</sup>	141276H	IH	415137 <sup>28</sup>	14223	SKF	473224	142981	US-EL	471868
1408143	CHRYSLER	6879H	141276H	IH	418028	14223	SPICE	5778	142C799	WABCO	470806
14083	WOODB	471424 <sup>28</sup>	14128LDS	JN-MN	455584	142234	SPICE	5778	142K1	WHITE	323138 <sup>28</sup>
14084118	GMC	5697	14129	C-R	710315	14223TB	TRSCM	473016 <sup>28</sup>	142PKG	TIMKE	142PKG
14084119	GMC	5698	14129	SKF	710315	1422C	GOODM	450183	142R	TIMKE	142PKG
14084120	GMC	5699	141322	FORD	471762 <sup>28</sup>	1422C	GOODM	472179	143007A	HARWA	14X30X7
14085829	GMC	4307V <sup>28</sup>	14136	SPICE	450067	1422D	GOODM	450183	143007XX	TIMKE	14X30X7
14086700	GMC	5697	14136	SPICE	473228	1422D	GOODM	472179	14301A	HERCU	450067
14087	C-R	4532N	1413635	GMC	473179 <sup>28</sup>	142308	GABR	471344	14301A	HERCU	473228
14087	SKF	4532N	14140	C-R	223520	14231HA	IH	472560N <sup>28</sup>	14302	SPICE	450083
1408732	CHRYSLER	6835S	14140	SKF	223520	14231HA	IH	50151S	14302	SPICE	472924 <sup>28</sup>
14088556	GMC	4359V	141507	ALLCH	415035 <sup>28</sup>	142329H	IH	474278 <sup>28</sup>	143040	HYST	415498

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
14308	BU-SP	412943	144100	JEFF	472924 <sup>28</sup>	144A11604C	TROS	6859S	145702	JEFF	415551
14316	DGASK	223420	144101	JEFF	473215 <sup>28</sup>	144PKG	TIMKE	144PKG	145752	HYST	471267 <sup>28</sup>
14317C	DIA	450400	14410405	TROS	470606 <sup>28</sup>	144R	TIMKE	144PKG	145753	HYST	471224 <sup>28</sup>
14317F	DIA	6597S	14410406	TROS	470606 <sup>28</sup>	144X160X12SC	TRSCM	144X160X12	14577LPD	JN-MN	224025
14318X	MASSE	415960	14410L	IH	470950 <sup>28</sup>	144X160X12TC	TRSCM	144X160X12	145812	HOUGH	450867
14318X	MASSE	455009	14410L	IH	6241S	14500	C-R	710228	145812	HOUGH	470898
143191VC	TRSCM	340930	14411205	TROS	470328	14500	SKF	710228	145812	IH	450867
143203TB	TRSCM	3395 <sup>28</sup>	14411205	TROS	481213 <sup>28</sup>	145000	MECH	370065A	145812	IH	470898
143207XX	TIMKE	14X32X7	14411206	TROS	470328	145000	MECH	376590A	145827H2	IH	473467
143224	BRCWY	470059	14411206	TROS	481213 <sup>28</sup>	145000	MECH	380065A	145847250	MACK	120X150X12
143224	BRCWY	470380 <sup>28</sup>	144112X07	TROS	474260	14502	C-R	224462	14589	SPICE	40769S
14322X	MASSE	473212 <sup>28</sup>	14411604	TROS	474278 <sup>28</sup>	14502	SKF	224462	145PKG	TIMKE	145PKG
143263TL	TRSCM	473437	14412	BU-SP	416154 <sup>28</sup>	145029	JEFF	450389	145R	TIMKE	145PKG
143270	WHITE	415023	1441256X1	MASSE	239146	145029	JEFF	472492 <sup>28</sup>	145X170X12SC	TRSCM	145X170X12
143281	WHITE	473447	1441293X1	MASSE	224052	145029	SUL	450083	145X170X12TC	TRSCM	145X170X12
143305TB	TRSCM	471405	14412LDS	JN-MN	473213 <sup>28</sup>	145029	SUL	472924 <sup>28</sup>	145X175X15	TIMKE	145X175X15
14337	EATON	713750	144139C1	IH	417698	1450316	CHRYS	6636S	145X175X15SC	TRSCM	145X175X15
14337	FULLE	713750	144229	JEFF	471391 <sup>28</sup>	14504	BU-SP	415995 <sup>28</sup>	145X175X15TC	TRSCM	145X175X15
14341H	IH	472397 <sup>28</sup>	144229	SUL	471391 <sup>28</sup>	14504	BU-SP	455013	145X180X12	SIMRT	145X180X12
14341LPD	JN-MN	472826 <sup>28</sup>	14423	C-R	471862 <sup>29</sup>	14504	KOEH	415995 <sup>28</sup>	145X180X12SC	TRSCM	145X180X12
143473	ALLCH	473205	14423	SKF	471862	14504	KOEH	455013	145X180X12TC	TRSCM	145X180X12
143507XX	TIMKE	14X35X7	144260H	IH	470004 <sup>28</sup>	145074	JEFF	412473 <sup>28</sup>	1461	SUPER	450084 <sup>28</sup>
14351	HOUGH	441130	144302	ALLCH	470045	145074	JEFF	415894	14610LPD	JN-MN	65X90X10
143555	JEFF	456105	144302	ALLCH	476838 <sup>28</sup>	14510	C-R	4989	28		
143575	US-EL	472324 <sup>28</sup>	14438LPD	JN-MN	416191	14510	SKF	4989	14613	HEIL	470120
143620	FWD	450185	14443LDS	JN-MN	415379 <sup>28</sup>	145103	JEFF	415371	14613	HEIL	471224 <sup>28</sup>
143620	FWD	473229	14443LDS	JN-MN	455379	145107	JEFF	415995 <sup>28</sup>	146139	US-EL	473225
14363	C-R	470062	14444LDS	JN-MN	415142	145107	JEFF	455013	14614	AMC	411253 <sup>28</sup>
14363	C-R	474264 <sup>28,29</sup>	1445023	BENDI	472070	145108	JEFF	415371	14614	AMC	450099
14363	SKF	470062	1445062	BENDI	240319	145108	SUL	415371	146163	BUSHH	204017
14363	SKF	474264	144557	JEFF	415196 <sup>28</sup>	14512	C-R	4890	14618LDS	JN-MN	473228 <sup>28</sup>
143697	JEFF	450316	14457	SPICE	450073	14512	SKF	4890	14619	HEIL	412119 <sup>28</sup>
143697	JEFF	472636 <sup>28</sup>	14458	C-R	470808	14518012A	HARWA	145X180X12	14619	HEIL	450101
143699	JEFF	417316 <sup>28</sup>	14458	SKF	470808	145212	JEFF	470027	14619LDS	JN-MN	472016 <sup>28</sup>
143699	JEFF	455004	144581	JEFF	417512	145212	JEFF	471554 <sup>28</sup>	14620	HEIL	416476 <sup>28</sup>
14381	C-R	4795V	144657	AM WH	450154	14528	JN SON	471271 <sup>28</sup>	14620	HEIL	455075
14381	SKF	4795V	144657	AM WH	473234	145383	JEFF	417171 <sup>28</sup>	14620LDS	JN-MN	415449 <sup>28</sup>
14383	C-R	473226	14477	C-R	710355	145384	JEFF	415021	14621LDS	JN-MN	472185 <sup>28</sup>
14383	SKF	473226	14477	SKF	710355	145395	AU-WS	471735	14626	HEIL	450291
14384	LEECE	471750 <sup>28</sup>	144886	JEFF	417351 <sup>28</sup>	1454	ALOY	474134	14626	HEIL	471141 <sup>28</sup>
14387	C-R	4795V <sup>29</sup>	144886	JEFF	455154	145400	MECH	370065A	146319	HEIL	455018
14387	SKF	4795V	14489	C-R	37X52X8 <sup>28</sup>	145400	MECH	380065A	146319	HEIL	476470
143873R91	IH	451143	14489	SKF	37X52X8	145416	JEFF	415072	14634	C-R	710414
1439	ALOY	455086	1449	ALLCH	472394	145493	JEFF	471549 <sup>28</sup>	14634	SKF	710414
14393	C-R	4795V <sup>29</sup>	14490LDS	JN-MN	455462	1455257	GMC	470059	14634LPD	JN-MN	415645 <sup>28</sup>
14393	DGASK	710332	14491	C-R	471405	1455257	GMC	470380 <sup>28</sup>	14635	C-R	710441
14393	SKF	4795V	14491	SKF	471405	14557	SPICE	450073	1-4635	SKF	710441
14397	HOUGH	470565 <sup>28</sup>	14494	C-R	2003N <sup>28</sup>	14558	C-R	223750	146366	TLSMI	415449 <sup>28</sup>
1439886	FORD	710790	14494	SKF	2003N	14558	SKF	223750	14641	C-R	473438
143990R91	IH	416956	14496	C-R	710302	145585	JEFF	417191	14641	SKF	473438
143PKG	TIMKE	143PKG	14496	SKF	710302	145588	BRCWY	415001 <sup>28</sup>	14643LPD	JN-MN	226020
143R	TIMKE	143PKG	144961	JEFF	473471	145588	BRCWY	455001	14643LPD	JN-MN	60X80X8 <sup>28</sup>
144	C-R	710163	144963	JEFF	410520	1456	ALLCH	472394	14644LPD	JN-MN	228010
144	SKF	710163	144963	JEFF	471272 <sup>28</sup>	14560	C-R	321417N	146458	HOUGH	473448
144002R91	IH	450070	14497	DAVEY	450067	14560	SKF	321417N	146458H1	HOUGH	473448
144002R91	IH	472185 <sup>28</sup>	14497	DAVEY	473228	145655	MECH	370065A	146458H1	IH	473448
14404	C-R	473437 <sup>29</sup>	14499	BU-SP	416167 <sup>28</sup>	145655	MECH	376590A	14646P1	STUDE	471750 <sup>28</sup>
14404	SKF	473437	14499	BU-SP	455091	145655	MECH	380065A	146482	BRCWY	415458 <sup>28</sup>
1440927	GMC	7038SA	144A11604	TROS	474278 <sup>28</sup>	14569	C-R	710426	146482	BRCWY	455003
144100	JEFF	450083	144A11604C	TROS	474278 <sup>28</sup>	14569	SKF	710426	1464RC	SUL	418028

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1464RC	SUL	455137 <sup>28</sup>	146A92	HEIL	410316	14730	SKF	38X58X8	147765	JEFF	472299
1465	CHEL	471529	146A92	HEIL	472636 <sup>28</sup>	147300	MECH	370036A	14779LPD	JN-MN	20X32X7
1465	SUPER	450067	146PKG	TIMKE	146PKG	147300	MECH	370349A	14780	C-R	8597S
1465	SUPER	473228	146R	TIMKE	146PKG	147300	MECH	380036A	14780	SKF	8597S
14652	C-R	710426	1470	SUPER	416339	147305	BRCWY	450095	14781LDS	JN-MN	416664 <sup>28</sup>
14652	SKF	710426	1470	SUPER	455031 <sup>28</sup>	147305	BRCWY	473464 <sup>28</sup>	14782	C-R	710479
146522	JEFF	417344 <sup>28</sup>	14700	C-R	710304	14731	C-R	223840	14782	SKF	710479
146522	JEFF	455006	14700	SKF	710304	14731	SKF	223840	14785	C-R	38X90X8
146522	SUL	417344 <sup>28</sup>	147000	MECH	370036A	14732	C-R	223842	14785	SKF	38X90X8
146522	SUL	455006	147000	MECH	370349A	14732	SKF	223842	14787	C-R	710259
14655	C-R	710441	147000	MECH	380036A	14738	C-R	1038	14787	SKF	710259
14655	SKF	710441	14701	C-R	223800	14738	SKF	1038	14789	C-R	482415
14656	HEIL	50405	14701	C-R	38X50X7 <sup>28</sup>	1473807	FORD	711002	14789	SKF	482415
14657SS	JN-MN	472810 <sup>28</sup>	14701	SKF	223800	1473814	GMC	5113	1479	ALOY	224520
146583	JEFF	415281N	14701	SKF	38X50X7	14739	C-R	223843	14790	C-R	223801 <sup>28</sup>
14658-61501	NISSA	221540	14703	C-R	223801	14739	SKF	223843	14790	SKF	223801
1466004	GMC	473231 <sup>28</sup>	14703	SKF	223801	1474	ALOY	5698	147908H1	HOUGH	471466 <sup>28</sup>
14661	HEIL	471442 <sup>28</sup>	14704	C-R	1196	14740	C-R	223843	1479396	GMC	451078 <sup>28</sup>
14666	HEIL	455290	14704	SKF	1196	14740	C-R	38X60X10	14797LDS	JN-MN	470954 <sup>28</sup>
146672	JEFF	450025	14705	C-R	710642	14740	SKF	223843	14798	EATON	451143
146672	JEFF	471553 <sup>28</sup>	14705	SKF	710642	14740	SKF	223843	14798	FULLE	451143
14671	C-R	223750	14707	C-R	223801 <sup>29</sup>	14740	SKF	38X60X10	147987	JEFF	415645 <sup>28</sup>
14671	SKF	223750	14707	SKF	223801	147400	MECH	370036A	147987	JEFF	455104
14671STLPD	JN-MN	417608	14709	C-R	3357	147400	MECH	370349A	147PKG	TIMKE	147PKG
146721	FUNK	412473 <sup>28</sup>	14709	C-R	38X52X7	147400	MECH	380036A	147R	TIMKE	147PKG
146721	FUNK	415894	14709	SKF	3357	14747	C-R	710139	148004	FUNK	470625 <sup>28</sup>
14672LPD	JN-MN	471735	14709	SKF	38X52X7	14747	SKF	710139	148036	ALLCH	471647
146741	SPERY	471224 <sup>28</sup>	147091	BRCWY	456618	14748	C-R	1176	1480393	GMC	5589 <sup>30</sup>
1468	ALOY	4250 <sup>29</sup>	14709A	MASSE	417493	14748	SKF	1176	14804	C-R	343099
1468	HEIL	470045	14709X	MASSE	470169	147529	JEFF	415711	14804	SKF	343099
1468	HEIL	476838 <sup>28</sup>	14709X	MASSE	473214	1475295	GMC	5113	14805004	TROS	471337
146855	BRCWY	416654 <sup>28</sup>	1471	ALOY	9864S	147537	ALLCH	473205	14805205	TROS	471686
146855	BRCWY	455012	14710	C-R	239146	14754	CHAMP	471281 <sup>28</sup>	148057	JEFF	417343 <sup>28</sup>
14691	C-R	239146	14710	C-R	38X54X7 <sup>28</sup>	14758	C-R	1176	14806LUP	JN-MN	471442 <sup>28</sup>
14691	SKF	239146	14710	SKF	239146	14758	SKF	1176	14807	C-R	253099 <sup>28</sup>
14694	C-R	710566	14710	SKF	38X54X7	14759	C-R	1120	14807	SKF	253099
14694	SKF	710566	14712	C-R	4530	14759	SKF	1120	14808	C-R	343099
14694LPD	JN-MN	70X100X13	14712	SKF	4530	14760	C-R	38X70X10	14808	SKF	343099
14695	C-R	223805	14713	C-R	223801	14760	SKF	38X70X10	14810	C-R	343099
14695	SKF	223805	14713	SKF	223801	147600	JEFF	472144 <sup>28</sup>	14810	SKF	343099
14699	HEIL	5827	147148	BRCWY	415060	14761	C-R	223800	14810004	TROS	471689 <sup>28</sup>
146-A153	HEIL	417134	14716	C-R	223802	14761	SKF	223800	14810005	TROS	471689 <sup>28</sup>
146-A160	HEIL	450316	14716	SKF	223802	14762	C-R	710523	14810007	TROS	471689 <sup>28</sup>
146-A160	HEIL	472636 <sup>28</sup>	147178	BRCWY	415697 <sup>28</sup>	14762	SKF	710523	14810009	TROS	471689 <sup>28</sup>
146-A306	HEIL	472018	147178	BRCWY	455547	147621	JEFF	450301	14810804	TROS	471692 <sup>28</sup>
146-A322	HEIL	415196 <sup>28</sup>	14719	C-R	223830	147621	JEFF	472397 <sup>28</sup>	14810805	TROS	471692 <sup>28</sup>
146A33	HEIL	450593 <sup>28</sup>	14719	SKF	223830	147622	JEFF	415187	14810806	TROS	470189
146A34	HEIL	473215 <sup>28</sup>	14720	C-R	223830	147622	SUL	415187	14810806	TROS	471692 <sup>28</sup>
146A345	STN-S	472951	14720	C-R	38X55X7 <sup>28</sup>	14763	C-R	223840	14810807	TROS	470189
146A345	STN-S	474252	14720	SKF	223830	14763	SKF	223840	14810807	TROS	471692 <sup>28</sup>
146A346	STN-S	470548	14720	SKF	38X55X7	14766	C-R	1177	14811006	TROS	471707N
146A346	STN-S	470625 <sup>28</sup>	14721	C-R	710524	14766	SKF	1177	14811604	TROS	471413 <sup>28</sup>
146A347	STN-S	471750 <sup>28</sup>	14721	SKF	223831	14767	C-R	1177	14811606	TROS	471413 <sup>28</sup>
146A5	HEIL	470004 <sup>28</sup>	14721	SKF	710524	14767	C-R	38X74X8 <sup>28</sup>	14812403	TROS	340853
146A57	HEIL	472397 <sup>28</sup>	147242	TLSMI	50266	14767	SKF	1177	14814	C-R	710531
146A59	HEIL	470120	14728E	MASSE	471442 <sup>28</sup>	14767	SKF	38X74X8	14814	SKF	710531
146A59	HEIL	471224 <sup>28</sup>	147297	JEFF	471571	14768	C-R	1177	148150	HYST	55301S
146A6	HEIL	471571	14730	C-R	223840	14768	SKF	1177	148151	HYST	473467
146A60	HEIL	471466 <sup>28</sup>	14730	C-R	38X58X8 <sup>28</sup>	14772	C-R	223831	14816	C-R	42260S
146A9	HEIL	471466 <sup>28</sup>	14730	SKF	223840	14772	SKF	223831	14816	SKF	42260S

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
14817015A	HARWA	148X170X15	14864	C-R	480630 <sup>28</sup>	14915LPD	JN-MN	416666	149654	JEFF	471750 <sup>28</sup>
14821	C-R	452554N	14864	C-R	480991	14917	C-R	710139	149654	SUL	416892 <sup>28</sup>
14821	SKF	452554N	14864	SKF	470451	14917	SKF	710139	14966	C-R	340136
14821LDS	JN-MN	415327	14864	SKF	480630	149203TC	TRSCM	1174	14966	SKF	340136
148223SB	TRSCM	50468	14864	SKF	480991	149206SLX	MICH	6312	14967L	IH	470088
14824	C-R	474276 <sup>28</sup>	14869	C-R	240319 <sup>28</sup>	14921	C-R	710721	14968	C-R	9363S
14824	SKF	474276	14869	SKF	240319	14921	SKF	710721	14968	SKF	9363S
1483	ALOY	4148	148720	ALLCH	471785 <sup>28</sup>	14922	C-R	471579 <sup>29</sup>	14969	C-R	40468
14831LDS	JN-MN	415007	14875	C-R	350394	14922	SKF	471579	14969	SKF	40468
14832	C-R	1126	14875	C-R	473227 <sup>28</sup>	1493	BORGW	43089S	1496910	SPICE	42763
14832	C-R	452554N	14875	SKF	350394	14934	C-R	710594	1496B	JN-MN	416154 <sup>28,29</sup>
14832	C-R	474276 <sup>29</sup>	14875	SKF	473227	14934	SKF	710594	1496RC	SUL	416011
14832	C-R	474276V	14876	C-R	473227 <sup>28</sup>	149345R91	IH	340771	1496RC	SUL	417621 <sup>28</sup>
14832	SKF	1126	14876	SKF	473227	14935	C-R	331228H	14970	C-R	200859
14832	SKF	452554N	14879	CHAMP	471442V	14935	SKF	331228H	14970	SKF	200859
14832	SKF	474276	14885	CLAYN	472924 <sup>28</sup>	14936	C-R	710613	14970LPD	JN-MN	473244 <sup>28</sup>
14832	SKF	474276V	14886	C-R	473227V	14936	SKF	710613	14972	C-R	203013 <sup>29</sup>
1483758	CHRYS	8160S	14886	CLAYN	450076	149375R91	IH	473460	14972	SKF	203013
14840	C-R	40382	14886	CLAYN	470334 <sup>28</sup>	1493776	GMC	5109	14974	C-R	204013
14840	C-R	443018 <sup>28</sup>	14886	SKF	473227V	1493778	GMC	5123	14974	SKF	204013
14840	SKF	40382	14887	C-R	473227V	14938	C-R	470625 <sup>28</sup>	14975	C-R	204013 <sup>29</sup>
14840	SKF	443018	14887	SKF	473227V	14938	SKF	470625	14975	SKF	204013
148415	JEFF	450352	148872HI	HOUGH	474276 <sup>28</sup>	14939	C-R	331228H	14975LPD	JN-MN	472164 <sup>28</sup>
148415	JEFF	472164 <sup>28</sup>	1488883	GMC	9406S	14939	C-R	470625 <sup>28</sup>	14978	C-R	2194
1484523	CHRYS	474278 <sup>28</sup>	14889	C-R	710737	14939	C-R	5115 <sup>29</sup>	14978	C-R	7692S
1484523	CHRYS	6859S	14889	SKF	710737	14939	SKF	331228H	14978	SKF	2194
148456	ALLCH	472012	1489	CHAMP	473227 <sup>28</sup>	14939	SKF	470625	14978	SKF	7692S
1484592	CHRYS	340797	1489	DOMIN	473227	14939	SKF	5115	14979	C-R	712023
1484597	CHRYS	240698	14891	C-R	710823	14940	C-R	331228H	14979	SKF	712023
14846	C-R	481163 <sup>28</sup>	14891	SKF	710823	14940	C-R	470625V	14979	SPICE	473441
14846	C-R	6759S	148942	HOUGH	415035 <sup>28</sup>	14940	SKF	331228H	1497OS	JN-MN	416865 <sup>28,29</sup>
14846	SKF	481163	148942	HOUGH	455035	14940	SKF	470625V	14981LPD	JN-MN	471551 <sup>28</sup>
14846	SKF	6759S	14896	C-R	6312	149400	MECH	370037A	14982	C-R	5201
14848	C-R	3677	14896	SKF	6312	149400	MECH	370338A	14982	C-R	5202
14848	C-R	41257 <sup>28</sup>	14898	CHAMP	410101N	14942	C-R	470625V	14982	SKF	5201
14848	SKF	3677	148L	OSHKO	472439	14942	SKF	470625V	14982	SKF	5202
14848	SKF	41257	148PKG	TIMKE	148PKG	1494465	GMC	9406S	14984	FBG	223020
14849LPD	JN-MN	472164 <sup>28</sup>	148R	TIMKE	148PKG	14946	C-R	710547	149848	FORD	204017
148504	WEBER	416107 <sup>28</sup>	148X170X15	SIMRT	148X170X15	14946	SKF	710547	14985	FBG	710790
148504	WEBER	455073	148X170X15	TIMKE	148X170X15	1495	ALOY	3604	14992	C-R	470380V
14852	CHAMP	417484N	148X170X15SC	TRSCM	148X170X15	14950	C-R	710716	14992	SKF	470380V
14852	CHAMP	475322N	148X170X15TC	TRSCM	148X170X15	14950	SKF	710716	14994	C-R	470380V
14852	DOMIN	417484N	14900	C-R	7692S	149543	JEFF	416664 <sup>28</sup>	14994	SKF	470380V
14852	DOMIN	475322N	14900	SKF	7692S	149543	JEFF	455364	149PKG	TIMKE	149PKG
14854LPD	JN-MN	470774 <sup>28</sup>	149000	MECH	370037A	149543	SUL	416664 <sup>28</sup>	149R	TIMKE	149PKG
14855	C-R	481163 <sup>28</sup>	149000	MECH	370338A	149543	SUL	455364	14X016012XX	TIMKE	140X160X12
14855	SKF	481163	14903	C-R	480844	149552	JEFF	417598	14X017012XX	TIMKE	140X170X12
14857	C-R	240319 <sup>29</sup>	14903	SKF	480844	149552	SUL	417598	14X017015XX	TIMKE	140X170X15
14857	SKF	240319	149030R91	IH	100495	14958	C-R	710319	14X24X7	TIMKE	14X24X7
148574H1	HOUGH	471649 <sup>28</sup>	149030R91	IH	415281N	14958	SKF	710319	14X24X7SC	TRSCM	14X24X7 <sup>28</sup>
14858	C-R	1174	14904LDS	JN-MN	471766 <sup>28</sup>	14959LPD	JN-MN	415187	14X24X7TC	TRSCM	14X24X7 <sup>28</sup>
14858	C-R	472466 <sup>28</sup>	14905LDS	JN-MN	472439	1495M5	WHITE	471570 <sup>28</sup>	14X25X5	FORSH	14X25X5
14858	SKF	1174	14907	C-R	50468	14960	C-R	340136	14X25X5	SIMRT	14X25X5
14858	SKF	472466	14907	SKF	50468	14960	SKF	340136	14X25X5SC	TRSCM	14X25X5
1486096	CHRYS	8160S	149105	JEFF	450519	1496010	SPICE	42763	14X25X5TC	TRSCM	14X25X5
14863	C-R	6545	149105	JEFF	471271 <sup>28</sup>	1496096	CHRYS	8160S	14X26X7	TIMKE	14X26X7
14863	C-R	7537S <sup>29</sup>	14914	C-R	710713	1496123	GMC	2043	14X26X7SC	TRSCM	14X26X7
14863	SKF	6545	14914	SKF	710713	1496175	GMC	9912	14X26X7TC	TRSCM	14X26X7
14863	SKF	7537S	14915	C-R	223801	14963	C-R	710715	14X30X7	SIMRT	14X30X7
14864	C-R	470451	14915	SKF	223801	14963	SKF	710715	14X30X7SC	TRSCM	14X30X7

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
14X30X7TC	TRSCM	14X30X7	150046	JEFF	455191	15010000	AJUSA	710824	15013700	AJUSA	3771
14X32X7SC	TRSCM	14X32X7	1500474	FRKLN	473237 <sup>28</sup>	15-01001	ITM	228008	15013800	AJUSA	223535
14X32X7TC	TRSCM	14X32X7	15004804	TROS	471684 <sup>28</sup>	15-01004	ITM	711181	15014000	AJUSA	223542
14X35X7	TIMKE	14X35X7	15004804	TROS	471698	15-01009	ITM	3771	15014000	AJUSA	4530
14X35X7SC	TRSCM	14X35X7	15005	C-R	470380 <sup>28</sup>	15010100	AJUSA	223220	15014100	AJUSA	229005
14X35X7TC	TRSCM	14X35X7	15005	SKF	470380	15010400	AJUSA	223235	15014200	AJUSA	223550
14X416012XX	TIMKE	144X160X12	15-00502	ITM	712006	15010500	AJUSA	223420	150148	JEFF	417498
14X517012XX	TIMKE	145X170X12	15-00505	ITM	223340	15010600	AJUSA	710310	15-01500	ITM	716102
14X517515XX	TIMKE	145X175X15	15-00506	ITM	228410	15010800	AJUSA	3476	15-01502	ITM	227550
14X518012XX	TIMKE	145X180X12	15-00507	ITM	223602	15010900	AJUSA	3476	15-01505	ITM	227045
14X817015XX	TIMKE	148X170X15	15-00508	ITM	228009	15011000	AJUSA	223240	15-01506	ITM	223840
15	WGEAR	455134 <sup>28</sup>	1500510	ITM	710415	15-01105	ITM	227020	15-01513	ITM	223235
15-00005	ITM	228020	15-00514	ITM	224020	15-01106	ITM	229005	15-01514	ITM	1987
1500031	EATON	473436	15-00518	ITM	223420	15-01107	ITM	223420	15-01518	ITM	1994
15000581	CORTE	223020	15-00519	ITM	224052	15-01110	ITM	8316	15-01520	ITM	221820
15000581B	CORTE	223020	15-00520	ITM	228410	15-01112	ITM	223012	15-01523	ITM	228013
1500080M1	MASSE	412473 <sup>28</sup>	15-00524	ITM	224650	15-01114	ITM	223420	15-01524	ITM	1953
1500080M1	MASSE	415894	15-00525	ITM	710313	15-01116	ITM	3909	15-01526	ITM	223802
1500081M1	MASSE	450446	15005300	AJUSA	710399	15-01119	ITM	223012	15-01528	ITM	224020
15001000	AJUSA	221540	15005500	AJUSA	222743	15-01120	ITM	228250	15-01530	ITM	223802
15-00106	ITM	9845	15005600	AJUSA	28X38X7	15-01123	ITM	224840	15015300	AJUSA	710613
15-00107	ITM	3698	15006000	AJUSA	222820	15-01124	ITM	229005	15-01532	ITM	224205
15-00108	ITM	224052	15006100	AJUSA	710325	15-01125	ITM	224660	15-01533	ITM	229210
15-00109	ITM	228700	15006200	AJUSA	712008	15011250	CORTE	3774	15-01534	ITM	231004
15-00112	ITM	1981	15006700	AJUSA	222860	15011250B	CORTE	3774	15-01536	ITM	231004
15-00120	ITM	223220	15007008	GMC	710568	15-01126	ITM	1940	15015400	AJUSA	1174
15-00121	ITM	3476	15007500	AJUSA	320595	15-01127	ITM	1019	15-01552	ITM	710187
15001600	AJUSA	221710	15008000	AJUSA	1129	15011700	AJUSA	223340	1501562	ITM	710465
15001700	AJUSA	221720	15-00803	ITM	222025 <sup>28</sup>	15012	C-R	480210 <sup>28</sup>	1501566	CHRY	6781
15002200	AJUSA	222025 <sup>28</sup>	15008100	AJUSA	223005	15012	SKF	480210	150158	HYST	470077
15002300	AJUSA	222030	1500811	ITM	710424	15012000	AJUSA	223420	150158	HYST	474281 <sup>28</sup>
15002800	AJUSA	222050	15008200	AJUSA	223010	1501214	FRKLN	417278	15015800	AJUSA	223831
15003	HYST	410190	15008300	AJUSA	5601	1501229	MASSE	450154	15015834	CORTE	710550
150030	HYST	410190	1500845	FRKLN	8907	1501229	MASSE	473234	15015834B	CORTE	710550
150030	STUDE	5MR71	15008600	AJUSA	223012	1501229M1	MASSE	450154	15015LPD	JN-MN	415551
15-00302	ITM	473237 <sup>28</sup>	15008800	AJUSA	1981	1501229M1	MASSE	473234	15016100	AJUSA	710318
15-00303	ITM	227235	15008900	AJUSA	223018	1501230M1	MASSE	471765 <sup>28</sup>	15016200	AJUSA	710318
15-00304	ITM	3771	15-00900	ITM	710331	15012500	AJUSA	1172	15016300	AJUSA	710196
15-00307	ITM	224840	15009000	AJUSA	712001	15012600	AJUSA	1108	15016600	AJUSA	5521
15-00308	ITM	228005	15-00901	ITM	3771	15012624	CORTE	710190	15016800	AJUSA	710308
15-00311	ITM	473237 <sup>28</sup>	15-00903	ITM	1990	15012624B	CORTE	710190	15016900	AJUSA	224052
15-00313	ITM	223750	15-00907	ITM	320595	15012700	AJUSA	320249	15017000	AJUSA	224015
15-00315	ITM	712001	15-00908	ITM	710332	15012800	AJUSA	223602	15017000	CORTE	712449
15-00319	ITM	228005	15-00910	ITM	228009	15012900	AJUSA	3771	15017000B	CORTE	712449
15003200	AJUSA	5699	15009100	AJUSA	223020	15012968	GMC	370001A	15017200	AJUSA	473677
15-00321	ITM	222820	15-00913	ITM	1120	15012968	GMC	380001A	15017500	AJUSA	224025
15-00322	ITM	3459	15-00916	ITM	712008	15013000	AJUSA	223520 <sup>28</sup>	15017600	AJUSA	224026
15-00323	ITM	228005	15-00919	ITM	711181	15-01301	ITM	223831	15018	NATL	476470
15-00324	ITM	3655	150092	WAUKE	470548	15-01302	ITM	1021V	15018100	AJUSA	5521
15003600	AJUSA	222240	150092	WAUKE	470625 <sup>28</sup>	15-01303	ITM	1038	15018200	AJUSA	224040
1500381	FRKLN	370043A	150093	WAUKE	450441	15-01304	ITM	1019	15018287	CORTE	710790
15004	C-R	470059	150093	WAUKE	471341 <sup>28</sup>	15-01305	ITM	222340	15018287B	CORTE	710790
15004	C-R	470380 <sup>28</sup>	15009600	AJUSA	223050	15-01306	ITM	710233	15018300	AJUSA	224040
15004	NATL	417316 <sup>28</sup>	15009700	AJUSA	223035	15-01308	ITM	223230	15018800	AJUSA	3051N
15004	SKF	470059	15009800	AJUSA	223035	15013100	AJUSA	710329	15018900	AJUSA	473560N
15004	SKF	470380	1501	GOODM	470120	15-01311	ITM	1038	15018900	AJUSA	5613 <sup>28</sup>
15004000	AJUSA	222340	1501	GOODM	471224 <sup>28</sup>	15013200	AJUSA	3771	15-01901	ITM	225020
15004100	AJUSA	24X35X7 <sup>28</sup>	1501	STEM	370023A	15013300	AJUSA	3771	1501902	ITM	228480
15004400	AJUSA	712007	1501	STEM	370024A	15013400	AJUSA	710329	1501903	ITM	228480
1500449	FRKLN	472924 <sup>28</sup>	15-01000	ITM	223802	15013600	AJUSA	3771	15-01904	ITM	710060

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
15-01906	ITM	712005	15025000	AJUSA	225020	15032800	AJUSA	227020	1504	STEM	380025A
15-01908	ITM	224205	15-02503	ITM	3909	15032900	AJUSA	227040	1504	STEM	386025A
15019100	AJUSA	3774	1502533M1	MASSE	473238 <sup>28</sup>	15033000	AJUSA	227040	15040000	AJUSA	710803
15-01917	ITM	3476	1502534M1	MASSE	450316	15033100	AJUSA	227040	15040100	AJUSA	717005
150192	WAUKE	470358	1502534M1	MASSE	472636 <sup>28</sup>	15-03313	ITM	224840	15-04017	ITM	710271
150192	WAUKE	473231 <sup>28</sup>	1502537M1	MASSE	450069	15033400	AJUSA	227045	15-04018	ITM	223800
15019200	AJUSA	42X56X7 <sup>28</sup>	1502537M1	MASSE	473232	15033500	AJUSA	227045	15040500	AJUSA	4359V
15019300	AJUSA	224235	1502538M1	MASSE	450446	15033800	AJUSA	227235	15040600	AJUSA	710060
1501931M1	MASSE	6186	15025600	AJUSA	225040	15033900	AJUSA	227409	15041	C-R	9613S
15-01937	ITM	222340	150257M1	MASSE	450069	15033LPD	JN-MN	130X160X12	15041	SKF	9613S
150194	HYST	415867	150257M1	MASSE	473232	15034200	AJUSA	75X90X10	15041300	AJUSA	710290
15019600	AJUSA	1953	15026000	AJUSA	8316	15034400	AJUSA	227550	1504180	FRKLN	412920 <sup>28</sup>
1501977	FRKLN	415147	15026200	AJUSA	710190	15034500	AJUSA	227550	1504210M1	MASSE	40566S
1501977	FRKLN	415449 <sup>28</sup>	15026500	AJUSA	225450	15034600	AJUSA	227550	15-04302	ITM	710056
15019800	AJUSA	1953	15026700	AJUSA	710279	15034700	AJUSA	227550	15043500	AJUSA	223230
15019900	AJUSA	1953	15026800	AJUSA	55X70X8 <sup>28</sup>	15034800	AJUSA	1019	15043700	AJUSA	222540
1501K	AU-WS	470120	15026900	AJUSA	710279	1503490M1	MASSE	240151	15044200	AJUSA	225020
1501K	AU-WS	471224 <sup>28</sup>	15027000	AJUSA	225535	15035028	CORTE	710465	150446	JEFF	415263
1502	STEM	370003A	1502703	FRKLN	413247 <sup>28</sup>	15035028B	CORTE	710465	15044600	AJUSA	224462
1502	STEM	370005A	1502708	FRKLN	472185 <sup>28</sup>	15035600	AJUSA	228005	15044700	AJUSA	224460
1502	STEM	370006A	15027100	AJUSA	225535	15035700	AJUSA	228008	15044800	AJUSA	224250
1502	STEM	380003A	15027200	AJUSA	225535	15035800	AJUSA	228009	15045000	AJUSA	710550
15-02000	ITM	3476	15027300	AJUSA	225545	15035900	AJUSA	80X100X10 <sup>28</sup>	15045100	AJUSA	224650
15-02007	ITM	226020	15027800	AJUSA	712250	15036100	AJUSA	228009	15045700	AJUSA	710415
15-02009	ITM	716102	15027932	CORTE	713771	15036200	AJUSA	228009	15045900	AJUSA	223520 <sup>28</sup>
150202SC	TRSCM	240319	15027932B	CORTE	713771	15036400	AJUSA	228010	15047	C-R	4370N
15020300	AJUSA	710403	15028	FAIRB	471570 <sup>28</sup>	15036500	AJUSA	228020	15047	C-R	4583
15020400	AJUSA	224255	15028	GOODM	471570 <sup>28</sup>	150366500	AJUSA	228020	15047	SKF	4370N
15020500	AJUSA	224266	15028700	AJUSA	710271	15037000	AJUSA	228480	15047	SKF	4583
15020700	AJUSA	224465	15-02902	ITM	224520	15037100	AJUSA	228480	1504716	FRKLN	416624 <sup>28</sup>
15020LPD	JN-MN	472020	1502929	CHRYL	410308 <sup>28</sup>	15037300	AJUSA	228250	15047300	AJUSA	710332
15-02107	ITM	3476	15029400	AJUSA	226020	15037500	AJUSA	228410	15047400	AJUSA	228015
1502109	FRKLN	370121A	15029500	AJUSA	712006	15037600	AJUSA	228480	1504754M1	MASSE	471192
15021100	AJUSA	224510	1502961	FRKLN	470565 <sup>28</sup>	15037700	AJUSA	710765	1504755M1	MASSE	473234 <sup>28</sup>
15021900	AJUSA	1992	15029800	AJUSA	3393	1503776	FRKLN	413248	15048500	AJUSA	223750
15022	C-R	331228H	1502OS	JN-MN	415072 <sup>29</sup>	1503778	FRKLN	470565 <sup>28</sup>	15048600	AJUSA	710894
15022	SKF	331228H	1503	STEM	370065A	1503779	FRKLN	470565 <sup>28</sup>	15048800	AJUSA	710233
15022200	AJUSA	710289	1503	STEM	370107A	15037900	AJUSA	716102	15048900	AJUSA	710234
15022300	AJUSA	710289	1503	STEM	380065A	15038000	AJUSA	716102	15048X	MASSE	450765 <sup>28</sup>
15022400	AJUSA	710289	15030	GEHL	471571	15038100	AJUSA	716102	15049000	AJUSA	223230
150225R1	SELAS	5115	1503016M2	MASSE	414268 <sup>28</sup>	15038400	AJUSA	710232	15049100	AJUSA	710236
15022800	AJUSA	710289	1503017M1	MASSE	415137 <sup>28</sup>	15038500	AJUSA	228700	15049200	AJUSA	710235
15-02301	ITM	224250	1503017M1	MASSE	418028	15038600	AJUSA	3772	15049300	AJUSA	710189
15-02304	ITM	223802	15030400	AJUSA	62X80X10	15038700	AJUSA	3772	15049400	AJUSA	710644
15-02305	ITM	224250	1503042	FRKLN	417040	15038900	AJUSA	710237	15049500	AJUSA	716102
15-02307	ITM	473823	15031	C-R	710691	15039	C-R	470059	15049600	AJUSA	710187
150233SP	TRSCM	7692S	15031	SKF	710691	15039	C-R	470380	15049700	AJUSA	1120
15023400	AJUSA	1973	15-03102	ITM	223050	15039	SKF	470059	1504RC	SUL	415035 <sup>28</sup>
15023500	AJUSA	716484	15-03104	ITM	710331	15039	SKF	470380	1504RC	SUL	455035
15023600	AJUSA	1973	15031400	AJUSA	712005	15039000	AJUSA	229005	15050200	AJUSA	223802
15023900	AJUSA	710580	15031500	AJUSA	226530	150392	WAUKE	470059	15050200	AJUSA	710834
15024	GOODM	471567 <sup>28</sup>	15032	C-R	40059S	150392	WAUKE	470380 <sup>28</sup>	1505044	MASSE	450269
15024000	AJUSA	224840	15032	SKF	40059S	15039200	AJUSA	229005	150511R91	IH	40316S
15024100	AJUSA	710255	15032100	AJUSA	710334	15039300	AJUSA	229005	15051400	AJUSA	710331
15024200	AJUSA	224874	15032200	AJUSA	712511	15039400	AJUSA	229005	15051500	AJUSA	710436
15024800	AJUSA	710354	15032300	AJUSA	68X90X10 <sup>28</sup>	1503967	FRKLN	471272 <sup>28</sup>	15051800	AJUSA	710526
15024900	AJUSA	225010	15032400	AJUSA	70X85X8 <sup>28</sup>	15039800	AJUSA	710288	15051900	AJUSA	710611
15024LDS	JN-MN	416394	15032600	AJUSA	1021V	15039900	AJUSA	710288	1505191	BORGW	441148
15025	C-R	481568 <sup>28</sup>	15032700	AJUSA	70X88X8 <sup>28</sup>	1503OS	JN-MN	416229	15052000	AJUSA	2012V
15025	SKF	481568				1504	STEM	370025A	15052100	AJUSA	1019

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
15052500	AJUSA	710264	15074000	AJUSA	710610	15-09106	ITM	331227H	15133	C-R	4934
1505258M1	MASSE	470543	15074100	AJUSA	710332	15091300	AJUSA	221820	15133	SKF	4934
1505258M1	MASSE	474272	15074500	AJUSA	710608	15091400	AJUSA	710674	15-13501	ITM	224200
15052700	AJUSA	710767	15074800	AJUSA	712009	15092	C-R	471344 <sup>29</sup>	151371R91	IH	7581H
15052800	AJUSA	710356	15075600	AJUSA	713771	15092	SKF	471344	15138	C-R	473228V
15053	SIDEW	415379 <sup>28</sup>	15075800	AJUSA	482041N	15092200	AJUSA	710237	15138	SKF	473228V
15053	SIDEW	455379	15075900	AJUSA	3909	15092600	AJUSA	710707	151400	MECH	370002A
15053200	AJUSA	712008	15076	C-R	7886S	15093	C-R	471344 <sup>29</sup>	1514014	ITM	471224 <sup>28</sup>
1505328M1	MASSE	471442 <sup>28</sup>	15076	SKF	7886S	15093	SKF	471344	15141	C-R	450067
15053400	AJUSA	224053	15076LDS	JN-MN	417602 <sup>28</sup>	15-09300	ITM	1108	15141	C-R	481837
150539	AMC	472560N <sup>28</sup>	15-07801	ITM	2955	15093000	AJUSA	710621	15141	SKF	450067
150539	AMC	50151S	15-07802	ITM	3909	15-09303	ITM	229210	15141	SKF	481837
15054	C-R	5200	15078300	AJUSA	710897	15-09306	ITM	710190	151417	AM WH	417596
15054	SKF	5200	15078400	AJUSA	710642	15-09308	ITM	710190	15141LDS	JN-MN	415035
15054100	AJUSA	710790	15078700	AJUSA	710886	15093100	AJUSA	711001	15141LDS	JN-MN	415953
15054232	GMC	370212A	15079	TMTR	471466 <sup>28</sup>	15-09312	ITM	321460	15142	C-R	473228 <sup>28</sup>
15054900	AJUSA	711002	1508	STEM	370019A	15-09313	ITM	223601	15142	C-R	51098
15054LPD	JN-MN	3476	15080	C-R	40063S <sup>28</sup>	15093600	AJUSA	710789	15142	SKF	473228
15055900	AJUSA	1038	15080	SKF	40063S	15093900	AJUSA	710887	15142	SKF	51098
15-05602	ITM	50266	15080200	AJUSA	712692	15094200	AJUSA	710849	15143LDS	JN-MN	470077
15-05603	ITM	472164 <sup>28</sup>	15080700	AJUSA	710790	15094500	AJUSA	710850	15143LDS	JN-MN	474281 <sup>28</sup>
15056100	AJUSA	710531	15080800	AJUSA	710669	150951	JEFF	417362 <sup>28</sup>	1515	STEM	370031A
15056500	AJUSA	710620	15081500	AJUSA	710788	15095800	AJUSA	710674	1515	STEM	380031A
15059000	AJUSA	320348	15081800	AJUSA	223020	15096500	AJUSA	710935	151.500	ELRNG	228410
15059100	AJUSA	710056	15082400	AJUSA	716484	150967	JEFF	471103 <sup>28</sup>	15153LPD	JN-MN	417350 <sup>28</sup>
15059700	AJUSA	710860	15082500	AJUSA	229005	150967	JEFF	50197S	1516	STEM	370069A
1505RC	SUL	417344 <sup>28</sup>	15082600	AJUSA	710785	15-09806	ITM	228010	1516	STEM	380069A
1505RC	SUL	455006	15082700	AJUSA	229005	15-09813	ITM	227040	15165	C-R	710673
15060100	AJUSA	228411	15-08301	ITM	1953	15-09815	ITM	228010	15165	SKF	710673
150604	OLIVE	417267	15-08307	ITM	228010	15-09816	ITM	472439	15165-70010	TOYOT	221820
15060500	AJUSA	710521	150833M1	MASSE	415991	15-09830	ITM	5108	15165-74020	TOYOT	221820
15060600	AJUSA	710520	150833M1	MASSE	455146 <sup>28</sup>	15-09908	ITM	227040	15165-74040	TOYOT	221820
15-06101	ITM	713771	15083600	AJUSA	224200	15099LUP	JN-MN	471192	15165-88382	TOYOT	221820
15-06102	ITM	228480	15084000	AJUSA	710761	150PKG	TIMKE	150PKG	1517	STEM	370021A
1506224M1	MASSE	340823	15084500	AJUSA	710289	150R	TIMKE	150PKG	15171LDS	JN-MN	416381
15062600	AJUSA	710711	15084600	AJUSA	710813	150X180X12SC	TRSCM	150X180X12	1517230	OSHKO	416888 <sup>28</sup>
15062700	AJUSA	710794	15085000	AJUSA	223750	150X180X12TC	TRSCM	150X180X12	15174	C-R	200861
150628H1	IH	471766 <sup>28</sup>	15-08502	ITM	3771	1510	STEM	370037A	15174	SKF	200861
15063000	AJUSA	710553	15-08506	ITM	710302	1510	STEM	370338A	15174535	GMC	370199A
15-06301	ITM	224025	15-08507	ITM	223010	1510	STEM	380023A	15174LPD	JN-MN	416500 <sup>28</sup>
15-06303	ITM	223035	15-08510	ITM	223005	15100	MICH	320457	15176	C-R	410190 <sup>29</sup>
15-06307	ITM	494117	15085100	AJUSA	711007	15100	UNIVE	320457	15176	SKF	410190
15063100	AJUSA	710676	15086000	AJUSA	710859	1511	STEM	370022A	151818	BRCWY	450400
15063200	AJUSA	710465	15086100	AJUSA	710819	1511	STEM	380022A	15182TB	TRSCM	253099 <sup>28</sup>
15063300	AJUSA	224020	15086200	AJUSA	710472	1511035	C-W	415725 <sup>28</sup>	15182VB	TRSCM	343099
15063600	AJUSA	710713	15087	EATON	415991 <sup>28</sup>	1511035	WOOL	415725 <sup>28</sup>	15185	OLIVE	450083
15063900	AJUSA	711005	15087	EATON	415991N	15112	MICH	470004 <sup>28</sup>	15185	OLIVE	472924 <sup>28</sup>
15064200	AJUSA	710451	15087	FULLE	415991 <sup>28</sup>	15112	UNIVE	470004 <sup>28</sup>	151876	WAUKE	471413 <sup>28</sup>
15065180	GMC	370211A	15087	FULLE	415991N	15-11505	ITM	222025 <sup>28</sup>	151879	WAUKE	471413 <sup>28</sup>
15065LUP	JN-MN	442874	15087000	AJUSA	3476	1512	ALLCH	470163	151890	BRCWY	323138 <sup>28</sup>
15067325	GMC	710466	15087700	AJUSA	710786	1512	ALLCH	471766 <sup>28</sup>	15190	C-R	41461S
15067LUP	JN-MN	416167 <sup>28</sup>	15088400	AJUSA	710849	1512	TRAC	470163	15190	SKF	41461S
15068000	AJUSA	231003	15088800	AJUSA	710279	1512	TRAC	471766 <sup>28</sup>	15191VB	TRSCM	40382
1506RC	SUL	415995 <sup>28</sup>	15089500	AJUSA	711181	15120	C-R	473228 <sup>28,29</sup>	15192TB	TRSCM	474276 <sup>28</sup>
1506RC	SUL	455013	15089600	AJUSA	710614	15120	C-R	51098	15193	SIDEW	204029
1507	STEM	370036A	15089LPD	JN-MN	227550	15120	SKF	473228	15193	SIDEW	204507 <sup>28</sup>
1507	STEM	370349A	15089LPD	JN-MN	75X100X12 <sup>28</sup>	15120	SKF	51098	151932VB	TRSCM	443018 <sup>28</sup>
1507	STEM	380036A	1509	STEM	370030A	15128	C-R	710540	15194	C-R	451857 <sup>29</sup>
15070LPD	JN-MN	417533	15090700	AJUSA	710799	15128	SKF	710540	15194	SKF	451857
15072STLUP	JN-MN	415076				15129LPD	JN-MN	30X47X7	151962R91	IH	7581H

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
151982KBJ	TRSCM	3677	15-22303	ITM	472213	152505SA	TRSCM	450185	15300	C-R	321416
15198LPD	JN-MN	473229 <sup>28</sup>	15223TB	TRSCM	470625 <sup>28</sup>	152505XX	TIMKE	15X25X5	15300	SKF	321416
151PKG	TIMKE	151PKG	15223VTB	TRSCM	470625V	152506XX	TIMKE	15X25X6	15-30010	ITM	1974
151R	TIMKE	151PKG	15-22502	ITM	1209	152507XX	TIMKE	15X25X7	153002	WAUKE	471466 <sup>28</sup>
15-20003	ITM	224820	152257	ALLCH	416865 <sup>28</sup>	15252	JA-MI	6283S	153007XX	TIMKE	15X30X7
15-20006	ITM	1992	152257	ALLCH	455070	15252	JAE	6283S	15-30101	ITM	473812
15-20101	ITM	1949	152264TA	TRSCM	9363S	152536	JEFF	473235 <sup>28</sup>	15-30102	ITM	6712NA
1520103	ITM	471950	152270	JEFF	417490	15253SB	TRSCM	481837	15302	C-R	223830
15202SP	TRSCM	224015	152275SH	TRSCM	8940S	15253TB	TRSCM	473228 <sup>28</sup>	15302	SKF	223830
15202VB	TRSCM	240319	152283	JEFF	417073	152542	JEFF	416271 <sup>28</sup>	15-30301	ITM	3195
15-20300	ITM	225875	1522B	GOODM	450117	15255SA	TRSCM	450067	153032	ALLCH	415960 <sup>28</sup>
15-20301	ITM	225010	1522B	GOODM	472572 <sup>28</sup>	1525601	ITM	1213N	153032	ALLCH	455009
15-20302	ITM	494122	1522D	GOODM	450117	152563TB	TRSCM	410190	15303TB	TRSCM	471958
15-20303	ITM	229522	1522D	GOODM	472572 <sup>28</sup>	152565TA	TRSCM	410190	15304804	TROS	473406 <sup>28</sup>
15203SP	TRSCM	1217	1522T2	DIA	410308 <sup>28</sup>	152607XX	TIMKE	15X26X7	1530501	ITM	41X56X7 <sup>28</sup>
15203TB	TRSCM	481163 <sup>28</sup>	1522T2	DIA	450308	1526103	ITM	224100	15-30503	ITM	710329
15203TB	TRSCM	6759S	1522T2	WHITE	410308 <sup>28</sup>	1526103	ITM	40X65X10 <sup>28</sup>	1530505	ITM	41X56X7 <sup>28</sup>
15204	C-R	450984 <sup>29</sup>	1522T2	WHITE	450308	152623TB	TRSCM	470682	15305607	TROS	471137
15204	SKF	450984	15230	C-R	474281 <sup>28</sup>	15262VH	TRSCM	41461S	15306	C-R	710532
15-20501	ITM	1188	15230	SKF	474281	15-26301	ITM	473230 <sup>28</sup>	15306	SKF	710532
15-20502	ITM	1183	1523102	ITM	1012N	1526302	ITM	472213	153097	WAUKE	417546 <sup>28</sup>
1520503	ITM	1174	1523301	ITM	1213N	15263SL	TRSCM	451857	15310	C-R	710123
15-20509	ITM	2002	15-23302	ITM	1217	15264SP	TRSCM	8610	15310	SKF	710123
15-20511	ITM	1986	15-23303	ITM	1217	15270	C-R	710247	15310007	TROS	450593 <sup>28</sup>
152062VB	TRSCM	7537S	15-23306	ITM	473455 <sup>28</sup>	15270	SKF	710247	15310407	TROS	450043
152063SB	TRSCM	480630 <sup>28</sup>	15233VHY	TRSCM	204013	15270	SKF	710247	15310407	TROS	473419
152063SB	TRSCM	480991	15234	C-R	471915 <sup>29</sup>	15273SB	TRSCM	473440 <sup>28</sup>	15310607	TROS	450044
152069	ADAMS	416654 <sup>28</sup>	15234	SKF	471915	15275TC	TRSCM	470077	15310805	TROS	476838 <sup>28</sup>
152069	ADAMS	455012	15234VB	TRSCM	203013	152772	AM WH	416149	15310807	TROS	470045
152069	WABCO	416654 <sup>28</sup>	15235	C-R	450523 <sup>29</sup>	15277770	GMC	7013S	15310807	TROS	476838 <sup>28</sup>
152069	WABCO	455012	15235	SKF	450523	15277770	SAAB	7013S	15311007	TROS	450482
15206SG	TRSCM	480630 <sup>28</sup>	152372VH	TRSCM	40059S	15278	CHAMP	370054A	15-31101	ITM	1188
15207	AIRCO	470163	152373TB	TRSCM	470380 <sup>28</sup>	152807XX	TIMKE	15X28X7	153114	JEFF	471466 <sup>28</sup>
15207	AIRCO	471766 <sup>28</sup>	152373TB	TRSCM	470380V	152833TB	TRSCM	471915	153115	JEFF	413247 <sup>28</sup>
15207	C-R	470487N	152373VTB	TRSCM	470059	152848	HYST	417488 <sup>28</sup>	153115	JEFF	450350
15207	SKF	470487N	152374TBP	TRSCM	472189A <sup>28</sup>	152857	HYST	415303 <sup>28</sup>	153116	JEFF	416163
15208962	GMC	710466	152374TBP	TRSCM	9613S	152863	HYST	416278	153117	JEFF	416666
15209	C-R	450984	152375SA	TRSCM	410059	15286593	GMC	710548	153119	HYST	473236 <sup>28</sup>
15209	SKF	450984	152375SA	TRSCM	470059	152877	JEFF	450066	15312	C-R	710122
15209	SPICE	415001 <sup>28</sup>	1523D	GOODM	450082	152877	JEFF	473367 <sup>28</sup>	15312	SKF	710122
15209	SPICE	455001	1523D	GOODM	473238	15287A	MASSE	450115	153-124-04	TROS	323138 <sup>28</sup>
1521103	ITM	1213N	15240	C-R	450326	15287A	MASSE	473467	15312406	TROS	323138 <sup>28</sup>
152128	AM WH	455194	15240	SKF	450326	152883	HYST	416888 <sup>28</sup>	153128H1	HOUGH	455509
15213TB	TRSCM	470394	15-24008	ITM	224820	152885	HYST	415725 <sup>28</sup>	15-31302	ITM	224015
15213TB	TRSCM	473227 <sup>28</sup>	1524018	ITM	1174	152886	HYST	J1136	153139	US-EL	470565 <sup>28</sup>
15213TEB	TRSCM	473227 <sup>28</sup>	152407XX	TIMKE	15X24X7	15292	C-R	710318 <sup>29</sup>	15315	C-R	8610
15213VTB	TRSCM	473227V	15241	C-R	471958	15-29303	SKF	710318	15315	NPB	3946
15214	C-R	473440 <sup>28</sup>	15241	SKF	471958	1529304	ITM	224045	15315	SKF	8610
15214	SKF	473440	1524-2	DAVIS	200338	152934	HOUGH	450867	1531501	ITM	1180
15-21501	ITM	224015	15-24201	ITM	451948	152934	HOUGH	470898	1531501	ITM	41X55X7 <sup>28</sup>
15-21502	ITM	1950	152427	FUNK	450067	152934H1	HOUGH	450867	15-31504	ITM	1956
1521506	ITM	225020	152427	FUNK	473228	152934H1	HOUGH	470898	15-32010	ITM	1174
1521506	ITM	50X68X8 <sup>28</sup>	15242VB	TRSCM	40063S <sup>28</sup>	152953	US-EL	472070	15-32010	ITM	224015
152205	JOHND	5778	15243SB	TRSCM	471820	15298	C-R	710338	153207XX	TIMKE	15X32X7
152218	OLIVE	472144 <sup>28</sup>	152443TL	TRSCM	471344	15298	SKF	710338	153208XX	TIMKE	15X32X8
152223TB	TRSCM	480844	152468	JEFF	416011	1529A	WAYNE	470347	15324	C-R	710486
152225VL	TRSCM	40438S	152468	JEFF	417621 <sup>28</sup>	1529A	WAYNE	474254 <sup>28</sup>	15324	SKF	710486
15222VHY	TRSCM	340136	152469	JEFF	416125 <sup>28</sup>	152PKG	TIMKE	152PKG	15325	BORGW	414045 <sup>28</sup>
1522301	ITM	227040	1524D	GOODM	450084 <sup>28</sup>	152R	TIMKE	152PKG	15-32501	ITM	3395 <sup>28</sup>
1522301	ITM	70X90X10 <sup>28</sup>	15250	MURRA	417316 <sup>28</sup>						

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1532901	ITM	1174	15382	SKF	712011	15450	C-R	472635	15-50301	ITM	1196
153291	WAUKE	471255 <sup>28</sup>	15388	SIDEW	473367	15450	SKF	472635	155044	HOUGH	415483 <sup>28</sup>
153291B	WAUKE	471255 <sup>28</sup>	1538D5	WHITE	473203	15451	C-R	710834	155044	HOUGH	455368
153291C	WAUKE	417365	1538F	ALOY	6815	15451	SKF	710834	1550555	CLARK	471341 <sup>28</sup>
15330	C-R	452222 <sup>28</sup>	1538OS	JN-MN	417269 <sup>28</sup>	1545162	STUDE	410059	1550556	CLARK	471344
15330	SKF	452222	1539027	ONAN	205017	1545162	STUDE	470380 <sup>28</sup>	1550559	CLARK	5751
153314	HYST	472015 <sup>28</sup>	1539027	STUDE	205017	1545163	STUDE	410059	15506	C-R	330749V
153318A	OLIVE	450073	15-39307	ITM	473238 <sup>28</sup>	1545163	STUDE	470380 <sup>28</sup>	15506	SKF	330749V
153322	HYST	417247 <sup>28</sup>	15394	C-R	710711	1545164	STUDE	473234 <sup>28</sup>	15507089	GMC	370048A
1533302	ITM	1208	15394	SKF	710711	15451LPD	JN-MN	471645	15507089	GMC	370182A
1533302	ITM	48X72X7 <sup>28</sup>	1539675	FMC	327303 <sup>28</sup>	15-45605	ITM	451857	15507089	GMC	380048A
153334R1	IH	240733	1539676	FMC	417551	15457LPD	JN-MN	412861	155079	BENDI	455079 <sup>28</sup>
15-34011	ITM	1960	15-39818	ITM	320595	15460	C-R	8695S	15508LUP	JN-MN	223035
15-34203	ITM	470898	1539F	OSHKO	416107 <sup>28</sup>	15460	SKF	8695S	15509	C-R	7994S
15-34203	ITM	473234 <sup>28</sup>	1539F	OSHKO	455073	1546109	STUDE	7013S	15509	SKF	7994S
15343	C-R	452222	153PKG	TIMKE	153PKG	154615H1	IH	410308 <sup>28</sup>	1550929	CHRYS	8160S
15343	SKF	452222	153R	TIMKE	153PKG	154615H1	IH	473468	1550988	CLARK	450183
15345	C-R	324204	154005	JEFF	416339	15462	C-R	4244	1550988	CLARK	472179
15345	SKF	324204	154005	JEFF	455031 <sup>28</sup>	15462	SKF	4244	1550989	CLARK	413247 <sup>28</sup>
153463521	TOWNR	200322	154005	SUL	416339	1546RC	SUL	471549 <sup>28</sup>	1550989	CLARK	450350
153507XX	TIMKE	15X35X7	154005	SUL	455031 <sup>28</sup>	1547	ALOY	6988H	1550990	CLARK	416282
15353	C-R	710214	154007XX	TIMKE	15X40X7	15471LPD	JN-MN	417492	1550992	CLARK	417353 <sup>28</sup>
15353	SKF	710214	15-40101	ITM	474133	154745	JEFF	471281 <sup>28</sup>	15509928	GMC	470625 <sup>28</sup>
15-35602	ITM	471870 <sup>28</sup>	154040	JA-MI	450183	154745	SUL	471281 <sup>28</sup>	15510022	CORTE	710755
15-35603	ITM	350936	154040	JA-MI	472179	154751	JEFF	471103 <sup>28</sup>	15510022B	CORTE	710755
15-35604	ITM	340823	154040	JAE	450183	154751	JEFF	50197S	15510030	CORTE	710757
1535606	ITM	473210	154040	JAE	472179	154751	JOY	471103 <sup>28</sup>	15510030B	CORTE	710757
15-35609	ITM	710058	154041	JA-MI	450070	154751	JOY	50197S	15510034	CORTE	710756
15359	C-R	710120	154041	JA-MI	472185 <sup>28</sup>	1548212	STUDE	6835S	15510034B	CORTE	710756
15359	C-R	710918	154041	JAE	450070	1548OS	JN-MN	415991	15510035	CORTE	710748
15359	SKF	710120	154041	JAE	472185 <sup>28</sup>	1548OS	JN-MN	455146 <sup>28</sup>	15510035B	CORTE	710748
15359	SKF	710918	1540501	ITM	32X58X8 <sup>28</sup>	1548RC	SUL	416891 <sup>28</sup>	15510042	CORTE	224010
15363	C-R	710404	15-40509	ITM	1167	15491LPD	JN-MN	33X50X12 <sup>28</sup>	15510042B	CORTE	224010
15363	SKF	710404	15409	SIDEW	450067	15493	TLSMI	240816	15510079	CORTE	3771
1536301	ITM	1174	15409	SIDEW	473228	154935	HOUGH	415379	15510079B	CORTE	3771
15-36303	ITM	223535	1540906	STUDE	240816	154935H1	HOUGH	415379	15510081	CORTE	711002
15-36304	ITM	224235	1540922	STUDE	6988H	1549OS	JN-MN	415449 <sup>28</sup>	15510081B	CORTE	711002
15364A	MASSE	240385	1541097	STUDE	8160S	1549OS	JN-MN	455147	15510087	CORTE	710669
1537	ALOY	9569S	1541300	STUDE	8059S	1549OS	JN-MN	455147	15510087B	CORTE	710669
153710	JEFF	417344 <sup>28</sup>	154141	JEFF	417210 <sup>28</sup>	154G119-90	GR-DV	417210 <sup>28</sup>	1551061	CHRYS	6636S
153710	JEFF	455006	15415LDS	JN-MN	416556 <sup>28</sup>	154G119-91	GR-DV	415072	15510627	GMC	450519
153716	HYST	200885	15415LDS	JN-MN	472157	154G119-92	GR-DV	415116	15510627	GMC	471271 <sup>28</sup>
153717	HYST	JV1371	154253	CASE	471424 <sup>28</sup>	154G119-93	GR-DV	416888 <sup>28</sup>	15510775	GMC	415066
15372	C-R	710118	154269	SIMPL	473157	154G119-93	GR-DV	455200	15510805	TROS	350974 <sup>28</sup>
15372	SKF	710118	1542937	STUDE	470163	154G149-72	GR-DV	417247 <sup>28</sup>	15510919	GMC	9773
153725	JEFF	416288 <sup>28</sup>	1542937	STUDE	471766 <sup>28</sup>	154G149-73	GR-DV	417548	15511060	GMC	475003N
15376	C-R	8940S	154344H2	IH	415854	154PKG	TIMKE	154PKG	15511066	GMC	475012N
15376	SKF	8940S	154347R91	IH	470120	154R	TIMKE	154PKG	15511078	GMC	415164N
1537D5	WHITE	471689 <sup>28</sup>	154347R91	IH	471224 <sup>28</sup>	15500	C-R	710233	15511083	GMC	712937
1537OS	JN-MN	417316 <sup>28</sup>	1543933	FORD	710808	15500	SKF	710233	15511087	GMC	722250
1537OS	JN-MN	455004	15439LPD	JN-MN	470954 <sup>28</sup>	155000	MECH	370025A	15511129	GMC	416654 <sup>28</sup>
1538	ALLCH	450519	1543F	OSHKO	416158	155000	MECH	380025A	15511587	GMC	416282
1538	ALLCH	471271 <sup>28</sup>	1544	ALOY	8181NA	155000	MECH	386025A	15511791	GMC	450316
1538	TRAC	450519	15440	C-R	710046	1550001	ITM	1994	15511791	GMC	472636 <sup>28</sup>
1538	TRAC	471271 <sup>28</sup>	15440	SKF	710046	1550001	ITM	48X70X9 <sup>28</sup>	15512423	GMC	100263
1538170	OSHKO	370003A	15-44017	ITM	1965	15502	C-R	4244	15512423	GMC	3905
15382	C-R	710211	154437R91	IH	470120	15502	CHRYS	7412S	15512458	GMC	4561V
15382	NEWPR	3173	154437R91	IH	471224 <sup>28</sup>	15502	SKF	4244	15512458	GMC	473274N
15382	NEWPR	710928	15445	C-R	1126	15503	C-R	710482	15513351	GMC	722250
15382	SKF	710211	15445	SKF	1126	15503	SKF	710482	15514	NEWPR	710046

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
15517	C-R	473517 <sup>28,29</sup>	15527573	GMC	470625 <sup>28</sup>	15527626	GMC	493291	15527676	GMC	415697 <sup>28</sup>
15517	SKF	473517	15527574	GMC	340136	15527627	GMC	493637	15527677	GMC	415958 <sup>28</sup>
15518	C-R	473517	15527575	GMC	470380 <sup>28</sup>	15527628	GMC	413246N	15527677	GMC	455958
15518	SKF	473517	15527576	GMC	470059	15527628	GMC	483246N	15527678	GMC	456618
15519908	GMC	370011A	15527576	GMC	470380 <sup>28</sup>	15527629	GMC	412119 <sup>28</sup>	15527679	GMC	417506
15519910	GMC	370011A	15527577	GMC	9613S	15527629	GMC	472856	15527680	GMC	6864S
1552001	ITM	1992	15527578	GMC	8160S	15527630	GMC	410987 <sup>28</sup>	15527681	GMC	417530
1552001	ITM	45X65X8 <sup>28</sup>	15527579	GMC	473229 <sup>28</sup>	15527631	GMC	5487	15527682	GMC	415351 <sup>28</sup>
15520072	GMC	370145A	15527580	GMC	481181 <sup>28</sup>	15527632	GMC	471271 <sup>28</sup>	15527684	GMC	2297V <sup>28</sup>
15521904	GMC	710106	15527581	GMC	204017	15527633	GMC	415449 <sup>28</sup>	15527755	GMC	370132A
15522	C-R	472213	15527582	GMC	471419	15527634	GMC	415147	15527763	GMC	370165A
15522	SKF	472213	15527582	GMC	473367	15527634	GMC	415449 <sup>28</sup>	15527780	GMC	370124A
15522060	GMC	4762N	15527583	GMC	471419	15527635	GMC	8975S	15527781	GMC	370178A
15522062	GMC	710105	15527583	GMC	473367	15527636	GMC	455079 <sup>28</sup>	15527LDS	JN-MN	455406 <sup>28</sup>
15-52301	ITM	1974	15527584	GMC	473010 <sup>28</sup>	15527637	GMC	5401	15528	BU-SP	472439
15525	C-R	710461	15527585	GMC	7038SA	15527638	GMC	411330N	155280	JEFF	416288 <sup>28</sup>
15525	SKF	710461	15527586	GMC	450400	15527639	GMC	451143	15529	BU-SP	415379
155256	HYST	415498	15527588	GMC	9845	15527640	GMC	413248	15529	C-R	710657
15526364	GMC	415234 <sup>28</sup>	15527589	GMC	472164 <sup>28</sup>	15527641	GMC	415458 <sup>28</sup>	15529	SKF	710657
15526365	GMC	475009N	15527590	GMC	7834	15527642	GMC	415458 <sup>28</sup>	1553	CALI	416107 <sup>28</sup>
15526366	GMC	417484N	15527591	GMC	451147H	15527642	GMC	475458	1553	CALI	455073
15526367	GMC	100494	15527592	GMC	450361	15527643	GMC	9773	15530	C-R	200887
15526367	GMC	416470N	15527592	GMC	472193 <sup>28</sup>	15527644	GMC	455008	15530	SKF	200887
155265TB	TRSCM	8695S	15527593	GMC	472179	15527645	GMC	417484N	155300	MECH	370025A
15527297	GMC	6835S	15527594	GMC	471141 <sup>28</sup>	15527645	GMC	475322N	155300	MECH	380025A
15527541	GMC	471554 <sup>28</sup>	15527595	GMC	472747	15527646	GMC	417484N	155300	MECH	386025A
15527542	GMC	471231 <sup>28</sup>	15527596	GMC	2942	15527646	GMC	475322N	15530288	GMC	710281
15527543	GMC	351267	15527597	GMC	472439	15527647	GMC	415004	1553102	STUDE	9613S
15527543	GMC	471267 <sup>28</sup>	15527598	GMC	331227H	15527647	GMC	417316 <sup>28</sup>	155314	HYST	472015 <sup>28</sup>
15527545	GMC	350414	15527600	GMC	414045 <sup>28</sup>	15527648	GMC	2222	155316PSB	TRSCM	5778
15527545	GMC	472311 <sup>28</sup>	15527601	GMC	6808N	15527649	GMC	415009N	155318A	OLIVE	450073
15527546	GMC	470120	15527602	GMC	6988H	15527650	GMC	415960	155318A	WHITE	450073
15527546	GMC	471224 <sup>28</sup>	15527603	GMC	472394	15527651	GMC	415009	155331A	OLIVE	416125 <sup>28</sup>
15527547	GMC	470219	15527604	GMC	471424 <sup>28</sup>	15527651	GMC	415960 <sup>28</sup>	155331A	WHITE	416125 <sup>28</sup>
15527547	GMC	471649 <sup>28</sup>	15527605	GMC	472924 <sup>28</sup>	15527652	GMC	2081	15533564	GMC	415082N
15527548	GMC	471689 <sup>28</sup>	15527606	GMC	450085	15527653	GMC	417158 <sup>28</sup>	155346	HYST	417343 <sup>28</sup>
15527549	GMC	471760	15527606	GMC	470530 <sup>28</sup>	15527654	GMC	417158 <sup>28</sup>	155346A	OLIVE	7937N
15527550	GMC	340151	15527607	GMC	410085	15527656	GMC	2674	155346A	WHITE	473473
15527551	GMC	470712 <sup>28</sup>	15527607	GMC	470530 <sup>28</sup>	15527657	GMC	35949N	15535	C-R	8935S
15527552	GMC	471763	15527608	GMC	473463	15527658	GMC	417349 <sup>28</sup>	15535	SKF	8935S
15527553	GMC	471785 <sup>28</sup>	15527609	GMC	410102	15527659	GMC	415995 <sup>28</sup>	15535	TMTR	471763
15527554	GMC	473425	15527610	GMC	6954S	15527659	GMC	455013	15535300	GMC	415013N
15527555	GMC	471765 <sup>28</sup>	15527611	GMC	5756	15527660	GMC	8976S	15536	CATER	472397 <sup>28</sup>
15527556	GMC	240356	15527612	GMC	450867	15527661	GMC	416297	15536	TMTR	450301
15527557	GMC	474278 <sup>28</sup>	15527612	GMC	470898	15527663	GMC	5313	15536	TMTR	472397 <sup>28</sup>
15527558	GMC	7412S	15527613	GMC	6879H	15527664	GMC	6358	155361	HYST	JX1190
15527559	GMC	471750 <sup>28</sup>	15527614	GMC	470898	15527665	GMC	416292	155371	HYST	415867
15527560	GMC	471766 <sup>28</sup>	15527615	GMC	410308 <sup>28</sup>	15527666	GMC	415085 <sup>28</sup>	1553737	STUDE	410059
15527562	GMC	471795	15527615	GMC	473468	15527666	GMC	456648	1553737	STUDE	470380 <sup>28</sup>
15527563	GMC	6370N	15527616	GMC	410308 <sup>28</sup>	15527667	GMC	455249 <sup>28</sup>	155384	AMC	471141 <sup>28</sup>
15527564	GMC	330663	15527617	GMC	39302	15527668	GMC	455858	15540	C-R	472299
15527564	GMC	472354 <sup>28</sup>	15527618	GMC	3103 <sup>28</sup>	15527669	GMC	415146 <sup>28</sup>	15540	C-R	472299V
15527565	GMC	482163N	15527619	GMC	450441	15527669	GMC	415991	15540	SKF	472299
15527566	GMC	472258 <sup>28</sup>	15527619	GMC	471341 <sup>28</sup>	15527670	GMC	415991	15540	SKF	472299V
15527567	GMC	471192	15527621	GMC	410737 <sup>28</sup>	15527671	GMC	415437	155400	MECH	370025A
15527568	GMC	473214 <sup>28</sup>	15527622	GMC	470737N	15527672	GMC	417355 <sup>28</sup>	155400	MECH	380025A
15527569	GMC	3116N	15527623	GMC	450316	15527672	GMC	485497	155400	MECH	386025A
15527570	GMC	6241S	15527623	GMC	472636 <sup>28</sup>	15527673	GMC	415983N <sup>28</sup>	15-54002	ITM	450154
15527571	GMC	473258 <sup>28</sup>	15527624	GMC	44052	15527674	GMC	2377	1554005	ITM	224820
15527572	GMC	452554N	15527625	GMC	411253 <sup>28</sup>	15527675	GMC	2218	1554005	ITM	48X62X8 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
15-54019	ITM	473234 <sup>28</sup>	155810	CH MA	450308	15611171	GMC	370008A	1564114	CLARK	413247 <sup>28</sup>
155402	HYST	J1111	155813	CH MA	7537S	15611204	TROS	472475	1564114	CLARK	450350
155403	HYST	442109	15581911	GMC	9613S	15611205	TROS	472475	15641LPD	JN-MN	417210 <sup>28</sup>
15542	C-R	472299	155820	CH MA	471835 <sup>28</sup>	15611604	TROS	471737	15644A	MASSE	471192
15542	SIDEW	471692 <sup>28</sup>	15582172	GMC	6358	15612007	TROS	473423	15646	FMC	417344 <sup>28</sup>
15542	SKF	472299	15582232	GMC	415960	15612404	TROS	352354	1565	ALOY	442380
15543	C-R	472299	15582257	GMC	710304	15612404	TROS	472354 <sup>28</sup>	15650232	DODGE	4739 <sup>29</sup>
15543	EMRSN	472299	155831	CH MA	340817	15612406	TROS	472354 <sup>28</sup>	15651660	GMC	4739
15543	SKF	472299	15583783	GMC	9316	15612406	TROS	50395S	15651661	GMC	4740
1554331C1	IH	370001A	155838	CH MA	410520	15612407	TROS	472354 <sup>28</sup>	156533	IH	472397 <sup>28</sup>
1554331C1	IH	380001A	155838	CH MA	471272 <sup>28</sup>	15612407	TROS	50395S	15655	C-R	473229 <sup>28</sup>
15544	C-R	40438S	15583894	GMC	100263	15613203	TROS	343099	15655	SKF	473229
15544	SKF	40438S	155843	CH MA	6575S	15614M1	BUC-E	472560N <sup>28</sup>	15655172	GMC	4740
15546	C-R	2506	155846	CH MA	473235 <sup>28</sup>	15614M1	BUC-E	50151S	156553C91	IH	472397 <sup>28</sup>
15546	SKF	2506	155856	CH MA	350823	15616050	GMC	714512	15656	NATL	415656
15546800	GMC	9613S	155856	CH MA	473454 <sup>28</sup>	156168	HYST	417278	15656	WMG	415656
15549	C-R	472299V	155862	CH MA	416339	15617178	GMC	6759S	15657	BU-SP	470625 <sup>28</sup>
15549	SKF	472299V	155863	CH MA	450316	15617869	GMC	5682	15658	BU-SP	412119 <sup>28</sup>
15550869	GMC	370003A	155863	CH MA	472636 <sup>28</sup>	15618	C-R	710687	156599	GOODM	471138 <sup>28</sup>
15550869	GMC	380003A	1558633	GMC	455088V	15618	SKF	710687	15660	C-R	200640
15551435	GMC	473471	15588359	GMC	710101	15620	C-R	8160S	15660	SKF	200640
15552	C-R	710491	15588691	GMC	370199A	15620	SKF	8160S	156602	HOUGH	415003
15552	SKF	710491	15588691	MERIX	370199A	156200	HYST	416229	156602	HOUGH	415458 <sup>28</sup>
15553	C-R	710492	15588691	ROCKW	370199A	156202SB	TRSCM	8421S	156602H2	HOUGH	415003
15553	SKF	710492	15588692	ACDEL	370211A	156202VB	TRSCM	7994S	156602H2	HOUGH	415458 <sup>28</sup>
15557	C-R	450666 <sup>29</sup>	15588692	GMC	370211A	156202VSB	TRSCM	330749V	15661460	GMC	4333N
15557	SKF	450666	15588693	GMC	370212A	156205	HYST	471424 <sup>28</sup>	15661495	GMC	710211
15557677	GMC	370003A	155887	HOUGH	415938	156210A	OLIVE	471554 <sup>28</sup>	1566167	CLARK	472258 <sup>28</sup>
15557677	GMC	380003A	155887H2	HOUGH	415938	156210A	WHITE	471554 <sup>28</sup>	1566169	CLARK	472658
15557678	GMC	370023A	155887H2	IH	415938	156220	HYST	415897	1566169	CLARK	473197
15557678	GMC	380023A	15589475	GMC	6358	156220TZ	TRSCM	472213	1566172	CLARK	470950 <sup>28</sup>
155577	HYST	471538 <sup>28</sup>	15589666	GMC	710103	156223	HYST	415458 <sup>28</sup>	1566172	CLARK	6241S
15557LUP	JN-MN	472164 <sup>28</sup>	1559008	ONAN	480479H	156233TB	TRSCM	472299	1566175	CLARK	470380 <sup>28</sup>
15558LUP	JN-MN	450446	1559008	STUDE	480479H	156234	HYST	416339	1566179	CLARK	470596
15560	C-R	710046	15592	C-R	470064	1562431SL	TRSCM	470064	1566181	CLARK	472164 <sup>28</sup>
15560	SKF	710046	15592	SKF	470064	1562431SL	TRSCM	471821	1566190	CLARK	450389
155627A	OLIVE	417344 <sup>28</sup>	15594384	GMC	473471	156243TB	TRSCM	471821 <sup>28</sup>	1566190	CLARK	472492 <sup>28</sup>
155627A	OLIVE	455006	15595878	GMC	410085N	156245TB	TRSCM	471827 <sup>28</sup>	1566195	CLARK	415349
155627A	WHITE	417344 <sup>28</sup>	1559802	ITM	1955	156245TB	TRSCM	8160S	1566199	CLARK	415234 <sup>28</sup>
15566	SKF	7692S	1559802	ITM	52X65X9 <sup>28</sup>	156253SB	TRSCM	472213	1566208	CLARK	417082
15566LDS	JN-MN	471271 <sup>28</sup>	15-59807	ITM	1994	156253TB	TRSCM	473229 <sup>28</sup>	1566211	CLARK	416664 <sup>28</sup>
1557	ALOY	6808N	15-59807	ITM	710313	156255SA	TRSCM	200640	1566221	CLARK	417247 <sup>28</sup>
15574LUP	JN-MN	455037	1559809	ITM	1012N	15628LDS	JN-MN	416891 <sup>28</sup>	1566224	CLARK	415003
15575957	GMC	712750	155PKG	TIMKE	155PKG	15629	C-R	710046	1566224	CLARK	415458 <sup>28</sup>
15579788	GMC	710046	155R	TIMKE	155PKG	15629	SKF	710046	1566225	CLARK	416107 <sup>28</sup>
15-58001	ITM	1174	155X180X15	TIMKE	155X180X15	1563	ALOY	6954S	1566225	CLARK	455073
155801	CH MA	410496 <sup>28</sup>	156004	GMC	416921 <sup>28</sup>	15634020	GMC	4525V	1566231	CLARK	416345 <sup>28</sup>
15580175	GMC	710044	156004	GMC	455011	15634058	GMC	710062	15662465	GMC	4503N
155802	CH MA	350936	156005	GMC	415284	15634LDS	JN-MN	472394	1566326	GMC	9773
15580225	GMC	714503	156019	GMC	417344 <sup>28</sup>	15635	C-R	450185	15663537	GMC	370001A
15580226	GMC	330385 <sup>28</sup>	156020	GMC	473243	15635	C-R	473229 <sup>29</sup>	15663537	GMC	380001A
155803	CH MA	8597S	15602640	GMC	5682	15635	C-R	711552	15665322	GMC	475012N
15580381	GMC	3946	156042	HYST	413247 <sup>28</sup>	15635	SKF	450185	15665326	GMC	9773
155805	CH MA	417351 <sup>28</sup>	15604806	TROS	470390	15635	SKF	473229	15665670	GMC	370005A
155805	CH MA	455154	15607	C-R	4889	15635	SKF	711552	1566687	CLARK	417040
155806	CH MA	472164 <sup>28</sup>	15607	SKF	4889	15635260	GMC	714655	156670R91	IH	6988H
155807	CH MA	473228 <sup>28</sup>	156082	US-EL	471821 <sup>28</sup>	15635281	GMC	714654	15668LUP	JN-MN	471649 <sup>28</sup>
155807A	OLIVE	416339	15610004	TROS	471733	15635334	GMC	714670	15669	C-R	712551
155809	CH MA	481163 <sup>28</sup>	15610007	TROS	471733	15635337	GMC	7412S	15669	SKF	712551
155810	CH MA	410308 <sup>28</sup>	15610807	TROS	470712 <sup>28</sup>	15635377	GMC	7412S	1567	ALOY	9150S

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
15676LUP	JN-MN	416313	157141	JEFF	417210 <sup>28</sup>	15768	C-R	710776	15818	C-R	710717
15677	C-R	450143 <sup>29</sup>	157141	SUL	417210 <sup>28</sup>	15768	SKF	710776	15818	SKF	710717
15677	SKF	450143	15716	C-R	710808	1577	ALOY	5778	15819	C-R	473677
15679880	GMC	370003A	15716	SKF	710808	15770LDS	JN-MN	473229 <sup>28</sup>	15819	SKF	473677
15679880	GMC	380003A	157166A	WHITE	472492 <sup>28</sup>	15773	C-R	473442 <sup>28,29</sup>	1582	WHITE	470565 <sup>28</sup>
15679881	GMC	370023A	15718	C-R	710539	15773	SKF	473442	15820	C-R	40X55X8 <sup>28</sup>
15679881	GMC	380023A	15718	SKF	710539	15779	C-R	473442	15820	C-R	473677
15680A	MASSE	330385 <sup>28</sup>	15719	C-R	5796	15779	SKF	473442	15820	SKF	40X55X8
15682	C-R	473677	15719	SKF	5796	157844	HYST	415004	15820	SKF	473677
15682	SKF	473677	15721	C-R	481397 <sup>29</sup>	157844	HYST	417316 <sup>28</sup>	15822	C-R	224020
15684	C-R	224026	15721	SKF	481397	1578532	CLARK	370002A	15822	C-R	40X55X8 <sup>28</sup>
15684	SKF	224026	15722	C-R	471579 <sup>29</sup>	15787	C-R	710677	15822	SKF	224020
156846R91	IH	240816	15722	SKF	471579	15787	SKF	710677	15822	SKF	40X55X8
1568501A	SIDEW	473215 <sup>28</sup>	15724	C-R	4175	15788	C-R	5778	15823	C-R	224020
15687419	GMC	370182A	15724	SKF	4175	15788	SKF	5778	15823	C-R	40X55X8 <sup>28</sup>
1568762	CHRYS	330663	15724LUP	JN-MN	417355 <sup>28</sup>	157884	HYST	417316 <sup>28</sup>	15823	SKF	224020
1568762	CHRYS	472354 <sup>28</sup>	15727	C-R	710512	1579	ALOY	410059	15823	SKF	40X55X8
1569	CLSON	471526 <sup>28</sup>	15727	SKF	3459	1579	ALOY	470380 <sup>28</sup>	15823962	AA&M	710568
15690	C-R	224045	15729	C-R	8160S	15790	C-R	474133	15823962	GMC	710568
15690	SKF	224045	15729	SKF	8160S	15790	SKF	474133	15825	C-R	712551
15691	C-R	710548	15729LDS	JN-MN	472397 <sup>28</sup>	15791	C-R	5778V	15825	SKF	712551
15691	SKF	710548	1573	ALOY	331107N	15791	SKF	5778V	15826	C-R	224025
15692	C-R	470682	15730	C-R	5796	15793	C-R	710898	15826	SKF	224025
15692	SKF	470682	15730	SKF	5796	15793	SKF	710898	158262	JEFF	471281 <sup>28</sup>
15693A	MASSE	6863S <sup>28</sup>	157305	WITTE	411245 <sup>28</sup>	15796	C-R	710677	15827F	OSHKO	415725 <sup>28</sup>
1569894	CHRYS	340797	157305	WITTE	455096	15796	SKF	710677	15828	C-R	224026
15699	C-R	470682	15730504	GMC	370199A	15800	C-R	224010	15828	SKF	224026
15699	SKF	470682	15731	C-R	450545 <sup>29</sup>	15800	C-R	710308	15829	C-R	224026
1569915	CHRYS	410308 <sup>28</sup>	15731	SKF	450545	15800	SKF	224010	15829	SKF	224026
1569915	CHRYS	450308	15733	C-R	224063	15800	SKF	710308	15835	C-R	3459
156B12404	TROS	40395	15733	SKF	224063	15801	C-R	224015	15835	SKF	3459
156B12404	TROS	40395S	15736	C-R	710505	15801	SKF	224015	158354A	OLIVE	470954 <sup>28</sup>
156D6	WHITE	415041	15736	SKF	710505	15801507	GMC	710648	158354A	OLIVE	480954
1570	ALOY	2955	15737	C-R	710582	15801LDS	JN-MN	416167 <sup>28</sup>	158354A	WHITE	470954 <sup>28</sup>
15700	C-R	710689	15737	SKF	710582	15802	C-R	224015	158354A	WHITE	480954
15700	SKF	710689	1574	ALOY	7044NA	15802	C-R	239201	158358A	OLIVE	471224 <sup>28</sup>
15701	C-R	710451	15741	C-R	3459	15802	SKF	224015	158358A	WHITE	471224 <sup>28</sup>
15701	SKF	710451	15741	SKF	3459	15802	SKF	239201	15836	C-R	3459
15702	C-R	6336S	15742	C-R	3459	15803	C-R	1217	15836	SKF	3459
15702	SKF	6336S	15742	SKF	710512	15803	SKF	1217	15838	C-R	3459
15703555	GMC	370023A	15744A	MASSE	471192	15804	C-R	224052	15838	SKF	3459
15703555	GMC	380023A	15746	C-R	473677	15804	C-R	40X52X7	15839LUP	JN-MN	415447
15704	C-R	710727	15746	SKF	473677	15804	SKF	224052	15840	C-R	224040
15704	SKF	710727	15748	C-R	450803	15804	SKF	40X52X7	15840	C-R	40X60X10
15707	C-R	471316 <sup>29</sup>	15748	SKF	450803	15805	C-R	1962	15840	C-R	40X60X10 <sup>28</sup>
15707	SKF	471316	157496R91	IH	415013	15805	C-R	224015	15840	SKF	224040
157078	HOUGH	417269 <sup>28</sup>	157496R91	IH	415995 <sup>28</sup>	15805	SKF	1962	15840	SKF	40X60X10
157078H1	HOUGH	417269 <sup>28</sup>	15750	C-R	3459	15805	SKF	224015	15841	C-R	710147
157078H3	IH	417269 <sup>28</sup>	15750	SKF	3459	15807	C-R	1213N	15841	SKF	710147
15709	C-R	712551	15754	C-R	710839	15807	SKF	1213N	158411	GOODM	417541
15709	SKF	712551	15754	SKF	710839	15808	C-R	224052	158412	GOODM	417506
157103	HOUGH	6590S	15756	C-R	224200	15808	SKF	224052	1584174	CLARK	455079 <sup>28</sup>
157103H1	HOUGH	6590S	15756	SKF	224200	1581	CHEL	5872S	15842	C-R	710147
157106	HOUGH	472924 <sup>28</sup>	15761	C-R	473441 <sup>29</sup>	15810	C-R	1213N <sup>29</sup>	15842	SKF	710147
157106H1	HOUGH	472924 <sup>28</sup>	15761	SKF	473441	15810	C-R	40X54X6 <sup>28</sup>	15843	C-R	710202
157106H2	HOUGH	472924 <sup>28</sup>	15766	C-R	450273	15810	SKF	1213N	15843	SKF	710202
157106H3	IH	472924 <sup>28</sup>	15766	SKF	450273	15810	SKF	40X54X6	15844	C-R	224040
15712	C-R	710539	15767	C-R	710731	15810LUP	JN-MN	415027	15844	SKF	224040
15712	SKF	710539	15767	SKF	710731	15815	C-R	224020	158444A	OLIVE	473231 <sup>28</sup>
157120H2	IH	473517 <sup>28</sup>	15767LDS	JN-MN	473234 <sup>28</sup>	15815	SKF	224020	158444A	WHITE	473231 <sup>28</sup>

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
15845	C-R	40X62X8 <sup>28</sup>	15886	C-R	710113	159604	JEFF	472924 <sup>28</sup>	15FM41A1	FAIRB	472951
15845	SKF	40X62X8	15886	SKF	710113	159614	ALLCH	416339	15FM41A1	FAIRB	474252
15846	C-R	40X62X8 <sup>28</sup>	15887	C-R	710134	159614	ALLCH	455031 <sup>28</sup>	15FM41A2	FAIRB	473016 <sup>28</sup>
15846	C-R	710196	15887	SKF	710134	159615	ALLCH	415072	15FM41A4	FAIRB	416273 <sup>28</sup>
15846	SKF	40X62X8	15887140	GMC	370371A	15965961	GMC	370008A	1.5G18061	NATEN	55563
15846	SKF	710196	15888	C-R	710598	15966	C-R	4764	15G47	OSHKO	471689 <sup>28</sup>
15847	C-R	40X62X7	15888	SKF	710598	15966	SKF	4764	15HU-027-008	GKN	714675
15847	SKF	40X62X7	15889LUP	JN-MN	411376 <sup>28</sup>	15967	C-R	710311	15JG-1	KEN	415991 <sup>28</sup>
15850	C-R	224100	15890	C-R	40X90X8	15967	SKF	710311	15JG-1	KEN	415991N
15850	SKF	224100	15890	SKF	40X90X8	15968	C-R	451469 <sup>29</sup>	15-JG17	KEN	456744N
15851	C-R	224045	15891	C-R	224066	15968	SKF	451469	15JG-2	KEN	471570 <sup>28</sup>
15851	C-R	40X62X8 <sup>28</sup>	15891	SKF	224066	15969	SPICE	42763	15JG-3	KEN	240731
15851	SKF	224045	15896	NEWPR	4333N	159691	SPICE	450078	15JG-4	KEN	415281N
15851	SKF	40X62X8	1590	ALOY	9161	159691	SPICE	473444	15JG-5	KEN	5857
15852	C-R	224100	15900	C-R	4141	159693	SPICE	42763	15JG-6	KEN	415983N <sup>28</sup>
15852	C-R	40X65X10 <sup>28</sup>	1-5900	SKF	4141	159697	SPICE	42763	15JG7	KEN	456744N
15852	SKF	224100	159035	ALLCH	417487	15972	C-R	4141	15M1	SPICE	472179
15852	SKF	40X65X10	159035	ALLCH	455014	15972	SKF	4141	15M-11	SPICE	340356
15854	C-R	40X68X8 <sup>28</sup>	159036	ALLCH	410520	159727	JEFF	415303 <sup>28</sup>	15M-2	SPICE	340815
15854	SKF	40X68X8	159036	ALLCH	471272 <sup>28</sup>	159728	JEFF	417487	15-M36	SPICE	471272 <sup>28</sup>
15855	C-R	40X70X8	15907J	DIA	6638S	159728	JEFF	455014	15P562	MINNM	8650S
15855	SKF	40X70X8	15910	C-R	710436	15973123	GMC	370120A	15X018012XX	TIMKE	150X180X12
158550	ALLCH	450183	15910	SKF	710436	15974	C-R	710747	15X24X7	TIMKE	15X24X7
158550	ALLCH	472179	15910LDS	JN-MN	415836	15974	SKF	710747	15X24X7SC	TRSCM	15X24X7
15856	C-R	710196	15910LDS	JN-MN	415995 <sup>28</sup>	15975	C-R	450274 <sup>29</sup>	15X24X7TC	TRSCM	15X24X7
15856	SKF	710196	15-91402	ITM	1962	15975	SKF	450274	15X25X5	TIMKE	15X25X5
15857	C-R	40X72X7	159178	HYST	416130 <sup>28</sup>	15977	C-R	4765	15X25X6	TIMKE	15X25X6
15857	SKF	40X72X7	159183	HYST	416039	15977	SKF	4765	15X25X6SC	TRSCM	15X25X6
158577	HYST	9600S	159200	JEFF	470059	15978	C-R	710227	15X25X6TC	TRSCM	15X25X6
15859A	MASSE	455195	159200	JEFF	470380 <sup>28</sup>	15978	SKF	710227	15X25X7	TIMKE	15X25X7
15859A	MASSE	472157 <sup>28</sup>	159213PSL-H	TRSCM	480581	1598	KINNR	415995 <sup>28</sup>	15X25X7SC	TRSCM	15X25X7
15860	BU-SP	415072	159295	HYST	45637S	1598	KINNR	455013	15X25X7TC	TRSCM	15X25X7
15860	C-R	350572	15929LUP	JN-MN	417501	15980	BU-SP	8650S	15X26X7	TIMKE	15X26X7
15860	SKF	350572	15934	C-R	350572	15981	BU-SP	415147	15X26X7SC	TRSCM	15X26X7
15862	C-R	712011	15934	C-R	40X72X7	15981	BU-SP	415449 <sup>28</sup>	15X26X7TC	TRSCM	15X26X7
15862	SKF	712011	15934	SKF	350572	15981A	MASSE	450400	15X28X7	TIMKE	15X28X7
15863	C-R	474133	15934	SKF	40X72X7	15982	BU-SP	416865 <sup>28</sup>	15X28X7SC	TRSCM	15X28X7
15863	SKF	474133	159372	WAUKE	470548	15982769	GMC	370003A	15X28X7TC	TRSCM	15X28X7
15864	C-R	40X75X8 <sup>28</sup>	159372	WAUKE	470625 <sup>28</sup>	15982769	GMC	380003A	15X30X7SB	TRSCM	15X30X7
15864	SKF	40X75X8	159483	WAUKE	470645	15982869	GMC	370003A	15X30X7SC	TRSCM	15X30X7
15866	C-R	1036	1595	ALOY	51098	15982869	GMC	380003A	15X30X7TC	TRSCM	15X30X7
15866	SKF	1036	15951	SIDEW	450492	15984	C-R	710736	15X32X7	TIMKE	15X32X7
15867	C-R	1146	15952X	MASSE	450352	15984	SKF	710736	15X32X8	TIMKE	15X32X8
15867	SKF	1146	15952X	MASSE	472164 <sup>28</sup>	15989	C-R	224045	15X32X8SC	TRSCM	15X32X8
158685	ALLCH	415991	159533	JEFF	455079 <sup>28</sup>	15989	SKF	224045	15X32X8TC	TRSCM	15X32X8
158685	ALLCH	455146 <sup>28</sup>	15953X	MASSE	473421	1599	ALOY	9912	15X35X7	TIMKE	15X35X7
15869	C-R	40X60X10 <sup>29</sup>	15955	C-R	450065 <sup>29</sup>	15990004	GMC	370008A	15X35X7SC	TRSCM	15X35X7
15869	SKF	40X60X10	15955	SKF	450065	15992A	MASSE	450516	15X35X7TC	TRSCM	15X35X7
15870	C-R	40X80X10	159556	JEFF	471267 <sup>28</sup>	15993A	MASSE	472015 <sup>28</sup>	15X484	MINNM	473450 <sup>28</sup>
15870	SKF	40X80X10	159562	JEFF	415725 <sup>28</sup>	15994	OLIVE	472826 <sup>28</sup>	15X518015XX	TIMKE	155X180X15
15874A	MASSE	415458 <sup>28</sup>	159563	JEFF	415725 <sup>28</sup>	15A10671	MINNM	204008	16	WGEAR	470189
15874A	MASSE	455003	159566	JEFF	471267 <sup>28</sup>	15A11584	MINNM	470565 <sup>28</sup>	16	WGEAR	471692 <sup>28</sup>
15874X	MASSE	415003	159568	JEFF	417357	15A14589	MINNM	472258 <sup>28</sup>	1600255	WHITE	412119 <sup>28</sup>
15874X	MASSE	415458 <sup>28</sup>	159568	JEFF	455192 <sup>28</sup>	15A14589	WHITE	472258 <sup>28</sup>	1600255	WHITE	450101
15881	C-R	710287	15957	C-R	224052	15A15742	MINNM	473473	16012	CLIN	470328
15881	SKF	710287	15957	SKF	224052	15A16195	MINNM	340120	16012	CLIN	481213 <sup>28</sup>
15883	C-R	712011	159572	HYST	416624 <sup>28</sup>	15A72	MINNM	471750 <sup>28</sup>	16012LUP	JN-MN	473239 <sup>28</sup>
15883	SKF	712011	15960	C-R	482253	15-A74	MINNM	470045	160132	ALLCH	415146 <sup>28</sup>
15883	SKF	712011	15960	SKF	482253	15-A74	MINNM	476838 <sup>28</sup>	160132	ALLCH	415991
			159604	JEFF	450083	15A8155	MINNM	415116	16018510A	HARWA	160X185X10

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
160196	JEFF	417134	16062	C-R	473230 <sup>28</sup>	161075	JEFF	450494	1612823C1	IH	370131A
16020	EATON	452554N	16062	SKF	473230	161075	JEFF	472164 <sup>28</sup>	1612823C1	NAVST	380131A
16020	FULLE	452554N	16064	C-R	204017	161076	JEFF	450867	161310	H-S	417210 <sup>28</sup>
16021	C-R	474133	16064	SKF	204017	161076	JEFF	470898	1613212	FORD	3393
16021	SKF	474133	16069	C-R	204017	161077	JEFF	455311	161323	AMC	8160S
16022A	MASSE	455079 <sup>28</sup>	16069	C-R	205017	161079	JEFF	415995 <sup>28</sup>	1613409	CHRYS	6840S
16023	C-R	710114	16069	SKF	204017	161079	JEFF	455013	16136	C-R	4765
16023	SKF	710114	16069	SKF	205017	161080	H-S	470548	16136	SKF	4765
1602537	WHITE	485195H	160692H1	HOUGH	417555 <sup>28</sup>	161080	H-S	470625 <sup>28</sup>	16137	MICH	471549 <sup>28</sup>
160273	HARRI	415234 <sup>28</sup>	16072	C-R	470358	161100A	OLIVE	340724 <sup>28</sup>	16137	UNIVE	471549 <sup>28</sup>
1603031	OPEL	710709	16072	C-R	473231	1611035	WOOL	416345 <sup>28</sup>	16139	C-R	8835S
1603032	OPEL	710951	16072	SKF	470358	1611035	WOOL	455033	16139	SKF	8835S
1603033	OPEL	710709	16072	SKF	473231	161106	H-S	471466 <sup>28</sup>	16140	C-R	710747
16032	C-R	1950	160763A	OLIVE	410308 <sup>28</sup>	161121	JEFF	470605 <sup>28</sup>	16140	SKF	710747
16032	SKF	1950	160763A	OLIVE	473468	161124	JEFF	415995 <sup>28</sup>	16141	C-R	710978
16034	C-R	1180	16078	C-R	483230V	161124	JEFF	455013	16141	SKF	710978
16034	C-R	41X55X7 <sup>28</sup>	16078	SKF	483230V	161125	JEFF	415991	16141A	MASSE	470548
16034	SKF	1180	16079	C-R	470358	161125	JEFF	455146 <sup>28</sup>	16141A	MASSE	470625 <sup>28</sup>
16034	SKF	41X55X7	16079	C-R	473231 <sup>28</sup>	16113	C-R	450066	16144	C-R	710591
160357A	WHITE	473232 <sup>28</sup>	16079	SKF	470358	16113	C-R	473367 <sup>28</sup>	16144	SKF	710591
16036	C-R	1180	16079	SKF	473231	16113	SKF	450066	16145	C-R	710535
16036	SKF	1180	16079LDS	JN-MN	415683 <sup>29</sup>	16113	SKF	473367	16145	SKF	710535
16037	C-R	710114	16080LDS	JN-MN	415656	16114	C-R	710697	161452	H-S	240119
16037	SKF	710114	16081M	DIA	410519	16114	SKF	710697	1614578	GMC	3907
16039	C-R	473694	16081M	DIA	471271 <sup>28</sup>	16115	JN SON	471224 <sup>28</sup>	1614579	GMC	3907
16039	SKF	473694	16083	C-R	710204	16117	C-R	471419	16146	C-R	4762N
16041	C-R	710220	16083	SKF	710204	16117	C-R	473367 <sup>29</sup>	16146	SKF	4762N
16041	SKF	710220	16084	C-R	473231 <sup>28</sup>	16117	SKF	471419	16147	C-R	711005
16043	C-R	710403	16084	SKF	473231	16117	SKF	473367	16147	SKF	711005
16043	SKF	710403	16085	C-R	473231	16118	C-R	471419	1614765	FORD	3393
160433A	OLIVE	417343 <sup>28</sup>	16085	SKF	473231	16118	C-R	473367 <sup>29</sup>	16148	C-R	5693
160433A	WHITE	417343 <sup>28</sup>	16092	C-R	473231 <sup>28,29</sup>	16118	SKF	471419	16148	SKF	5693
16044	C-R	8835S	16092	SKF	473231	16118	SKF	473367	16149	C-R	711181
16044	SKF	8835S	1609948C1	IH	370003A	1611843C91	IH	370001A	16149	SKF	711181
16046	C-R	473694 <sup>28</sup>	1609948C1	NAVST	380003A	1611843C91	IH	380001A	1614996	FORD	3772
16046	SKF	473694	160X185X10	SIMRT	160X185X10	16119	C-R	483367V	16151	C-R	1950
16047	C-R	472419	160X185X10SC	TRSCM	160X185X10	16119	SKF	483367V	16151	SKF	1950
16047	SKF	472419	160X185X10TC	TRSCM	160X185X10	1611M1	MASSE	470219	1615304C1	IH	370001A
160502	JEFF	471551 <sup>28</sup>	160X190X15	TIMKE	160X190X15	1611M1	MASSE	471649 <sup>28</sup>	1615304C1	IH	380001A
160524A	OLIVE	416921 <sup>28</sup>	160X190X15SC	TRSCM	160X190X15	16120	C-R	473367V	16154	C-R	1180
160524A	OLIVE	455011	160X190X15TC	TRSCM	160X190X15	16120	SKF	473367V	16154	SKF	1180
16053	CLIN	474278 <sup>28</sup>	160X200X15SC	TRSCM	160X200X15	16120-82Z00	SUZUK	224650	16155	CLAYN	450519
16053	CLIN	480356	160X200X15TC	TRSCM	160X200X15	16120-82Z10	SUZUK	710356	16155	CLAYN	471271 <sup>28</sup>
160530A	WHITE	240319	161	DALMO	350435	16121	C-R	450066	16156	CHRYS	7300S
160539	AMC	472560N <sup>28</sup>	16100	MICH	471442 <sup>28</sup>	16121	C-R	473367 <sup>28,29</sup>	16156	NEWPR	2465
160539	AMC	50151S	16100	UNIVE	471442 <sup>28</sup>	16121	SKF	450066	16159LPD	JN-MN	470351
1605397	GMC	9049N	1610095	AMC	471570 <sup>28</sup>	16121	SKF	473367	161673	Y-T	417344 <sup>28</sup>
16054	C-R	481181 <sup>28</sup>	1610187M1	MASSE	415836	1612172M1	MASSE	416125 <sup>28</sup>	161673	Y-T	455006
16054	C-R	481181N	1610187M1	MASSE	415995 <sup>28</sup>	16121-73J00	SUZUK	710849	16168	C-R	471419
16054	SKF	481181	161019	H-S	415303 <sup>28</sup>	16121-73J00-000	SUZUK	710849	16168	SKF	471419
16054	SKF	481181N	161020A	OLIVE	415836	16122	C-R	5693	161686	EATON	100495
160540	AMC	474278 <sup>28</sup>	161020A	OLIVE	415995 <sup>28</sup>	16122	SKF	5693	161686	EATON	415281N
160540	AMC	480356	16103550	FREIG	471870 <sup>28</sup>	1612223	CHRYS	471646 <sup>28</sup>	161686	Y-T	415281N
160546	JEFF	416865 <sup>28</sup>	16103550	FREIG	471883	16123	C-R	710497	16177	FULLE	412473 <sup>28</sup>
160546	JEFF	455070	16104	NEWPR	4370N	16123	SKF	710497	16177	FULLE	415894
160603	CUMMI	6835S	16104	NPG	4370N	16125	MICH	471472 <sup>28</sup>	16179STLUP	JN-MN	455966
16061	C-R	1999	161052	ACF	340771	16125	UNIVE	471472 <sup>28</sup>	16180	C-R	471829 <sup>29</sup>
16061	C-R	473230 <sup>28</sup>	161057	H-S	450083	161255SZ	TRSCM	8835S	16180	SKF	471829
16061	SKF	1999	161057	H-S	472924 <sup>28</sup>	16128	C-R	471646	1618683	CHRYS	3103 <sup>28</sup>
16061	SKF	473230	161058	H-S	471267 <sup>28</sup>	16128	SKF	471646	16188	FMC	473227 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
16188	SIDEW	473227	1624D	GOODM	450301	16313204	TROS	40382	1634315	PACIF	455310
16189	C-R	471829	1624D	GOODM	472397 <sup>28</sup>	16313207	TROS	474276 <sup>28</sup>	1634316	PACIF	418028
16189	SKF	471829	1625	CHEL	415147	16313208	TROS	474276 <sup>28</sup>	1634316	PACIF	455137 <sup>28</sup>
161919H2	IH	473231 <sup>28</sup>	1625	CHEL	415449 <sup>28</sup>	16314	C-R	473232 <sup>28</sup>	1634317	PACIF	417352
16194	C-R	712551	162503TB	TRSCM	473234 <sup>28</sup>	16314	SKF	473232	1634317	PACIF	418028
16194	SKF	712551	162509	JEFF	417082	16315	C-R	473232 <sup>28</sup>	1634318	PACIF	417191
162	DALMO	350364	1625-10698LPD	JN-MN	55103S	16315	SKF	473232	1634318	PACIF	455165 <sup>28</sup>
16201	C-R	471829 <sup>29</sup>	16253TB	TRSCM	473010 <sup>28</sup>	163196	US-EL	415304	1634319	PACIF	415437
16201	SKF	471829	16254	C-R	473010 <sup>28</sup>	163196	US-EL	476470 <sup>28</sup>	1634320	PACIF	415027 <sup>28</sup>
16204	C-R	471829	16254	SKF	473010	163207B	HARWA	16X32X7	1634320	PACIF	455027
16204	SKF	471829	16257F	DIA	450083	163207XX	TIMKE	16X32X7	1634321	PACIF	415379 <sup>28</sup>
162052	JEFF	471689 <sup>28</sup>	16257F	DIA	472924 <sup>28</sup>	16322	C-R	40568S	1634321	PACIF	455379
162075	AMC	473435	1625840M1	MASSE	415150 <sup>28</sup>	16322	SKF	40568S	1634322	PACIF	416339
162075	JEFF	471870 <sup>28</sup>	162601	JEFF	470027	16323	C-R	710444	1634323	PACIF	417366 <sup>28</sup>
162075	JEFF	471883	162601	JEFF	471554 <sup>28</sup>	16323	SKF	710444	1634324	PACIF	415034 <sup>28</sup>
162080	AMC	473435	162602	JEFF	472810 <sup>28</sup>	1632840060	MERCE	710403	1634324	PACIF	455034
1620D5	WHITE	410101N	162603	JEFF	471549 <sup>28</sup>	1632840160	MERCE	330385	1634325	PACIF	417357
16211407.5	TROS	203016	162607XX	TIMKE	16X26X7	1632840260	MERCE	330385	1634325	PACIF	455192 <sup>28</sup>
16211607.5	TROS	6906S	16262	C-R	714569	1632840360	MERCE	710725	1634326	PACIF	416891 <sup>28</sup>
162116X07.5C	TROS	6906S	16262	SKF	714569	1632900	FPDSL	5629	1634327	PACIF	416154 <sup>28</sup>
162118	AMC	450066	16263J	DIA	417355 <sup>28</sup>	163295	WOODB	471652	1634328	PACIF	415058
162118	AMC	473367 <sup>28</sup>	16263TB	TRSCM	473232 <sup>28</sup>	163351	PACIF	470334 <sup>28</sup>	1634331	PACIF	455290
162128	CUMMI	475003N	1626520UB	TRSCM	200886	16337	C-R	481864 <sup>29</sup>	1634332	PACIF	417555 <sup>28</sup>
16212SB	TRSCM	481181 <sup>28</sup>	162668	JEFF	471570 <sup>28</sup>	16337	SKF	481864	1634333	PACIF	415072
16212SB	TRSCM	481181N	162683SB	TRSCM	481864	163391	PACIF	480581	1634334	PACIF	455480 <sup>28</sup>
162204XX	TIMKE	16X22X4	16268SS	JN-MN	411253 <sup>28</sup>	163392	PACIF	416041	1634335	PACIF	417601
1622222	GMC	9599S	16269LDS	JN-MN	417210 <sup>28</sup>	16341	PACIF	341022	1634336	PACIF	417605
162231	JEFF	450030	1627159M1	MASSE	311189	16342	C-R	5727	1634337	PACIF	416706 <sup>28</sup>
162231	JEFF	474253	16272SB	TRSCM	40286	16342	SKF	5727	1634337	PACIF	455272
16223TB	TRSCM	473230 <sup>28</sup>	16273TB	TRSCM	473236 <sup>28</sup>	163421	PACIF	416267 <sup>28</sup>	1634339	PACIF	450621
16223VSB	TRSCM	483230V	1627806	GMC	710075	1634210	PACIF	417601	1634342	PACIF	470088
16225	C-R	481644	1627827	GMC	710263	1634211	PACIF	417605	1634348	PACIF	416892 <sup>28</sup>
16225	SKF	481644	162807XX	TIMKE	16X28X7	1634212	PACIF	415482	1634349	PACIF	416239 <sup>28</sup>
1622631	GMC	710263	16283TB	TRSCM	473444 <sup>28</sup>	1634215	PACIF	415962	163435	PACIF	470596
162285	LEYLD	330385 <sup>28</sup>	16284	C-R	204500 <sup>28</sup>	1634216	PACIF	470351	1634351	PACIF	415294 <sup>28</sup>
162290	JEFF	471231 <sup>28</sup>	16284	SKF	204500	1634217	PACIF	417357	1634351	PACIF	455294
16233	C-R	710926	16285	C-R	204500	1634219	PACIF	471466 <sup>28</sup>	1634352	PACIF	417600
16233	SKF	710926	16285	SKF	204500	163422	PACIF	413246	1634358	PACIF	471413 <sup>28</sup>
16233TB	TRSCM	473231 <sup>28</sup>	16286	C-R	200641	163422	PACIF	413246N	163436	PACIF	470351
16234VHY	TRSCM	205017	16286	SKF	200641	1634220	PACIF	415001 <sup>28</sup>	163436	PACIF	471504 <sup>28</sup>
16235	TRMBL	370023A	16289	C-R	204500 <sup>29</sup>	1634221	PACIF	472258 <sup>28</sup>	163437	PACIF	472164 <sup>28</sup>
16235SA	TRSCM	470358	16289	C-R	291099 <sup>29</sup>	1634223	PACIF	415043	163438	PACIF	473313
162389	JEFF	472439	16289	C-R	4763S	1634225	PACIF	416154 <sup>28</sup>	163439	PACIF	412027
162402	JEFF	415867	16289	SKF	204500	1634226	PACIF	415867	1634631	SPICE	470403
162405XX	TIMKE	16X24X5	16289	SKF	291099	1634227	PACIF	417484 <sup>28</sup>	1634631	SPICE	470774 <sup>28</sup>
162406XX	TIMKE	16X24X6	16289	SKF	4763S	1634227	PACIF	417484N	1634632	SPICE	413246N
16240J	DIA	472144 <sup>28</sup>	16295	C-R	714679	163423	PACIF	416664 <sup>28</sup>	1634647	FORD	3393
16241LUP	JN-MN	473235 <sup>28</sup>	16295	SKF	714679	163424	PACIF	415004	163507XX	TIMKE	16X35X7
16242LDS	JN-MN	417316 <sup>28</sup>	163	DALMO	6863S <sup>28</sup>	163424	PACIF	417316 <sup>28</sup>	16359	SIDEW	473231 <sup>28</sup>
16243	C-R	473010V	163007XX	TIMKE	16X30X7	163425	PACIF	417134	16362	C-R	40286
16243	SKF	473010V	16303SA	TRSCM	450539	163426	PACIF	415304	16362	SKF	40286
16243TB	TRSCM	471419	16306LDS	JN-MN	415219	163426	PACIF	476470 <sup>28</sup>	163625A	WHITE	J1119
16243TB	TRSCM	473367	163075	AMC	473435	163428	PACIF	416380 <sup>28</sup>	16364	C-R	473443
162443TB	TRSCM	471829	16310004	TROS	471744 <sup>28</sup>	163429	PACIF	417254	16364	C-R	474274 <sup>28</sup>
16245	C-R	473010 <sup>28</sup>	16311207	TROS	473426	1634310	PACIF	411376 <sup>28</sup>	16364	SKF	473443
16245	SKF	473010	16311604	TROS	471750 <sup>28</sup>	1634310	PACIF	455093	16364	SKF	474274
16246	C-R	473010 <sup>28</sup>	16311607	TROS	471750 <sup>28</sup>	1634311	PACIF	455079 <sup>28</sup>	16365LUP	JN-MN	417020
16246	SKF	473010	16311608	TROS	471750 <sup>28</sup>	1634312	PACIF	415458 <sup>28</sup>	16368	C-R	473443
16247	C-R	473010N	1631169	CHRY	3103	1634313	PACIF	415984 <sup>28</sup>	16368	C-R	474274 <sup>29</sup>
16247	SKF	473010N	16311LUP	JN-MN	417602 <sup>28</sup>	1634314	PACIF	417316 <sup>28</sup>	16368	SKF	473443

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
16368	SKF	474274	164648	JEFF	470045	16504	SKF	3774	165263PTB	TRSCM	7457N
16370	EATON	476424N	164648	JEFF	476838 <sup>28</sup>	16504	SKF	42X56X7	16527	C-R	224255
16371LUP	JN-MN	471141 <sup>28</sup>	16465	C-R	710298	16504	SKF	473560N	16527	SKF	224255
1637536-24	SKF	370106A <sup>29</sup>	16465	SKF	710298	16505	C-R	42X56X7 <sup>28</sup>	16528	C-R	224266
163807XX	TIMKE	16X38X7	16465LDS	JN-MN	473205 <sup>28</sup>	16505	C-R	473560N	16528	SKF	224266
163871	HYST	415086N	164662A	OLIVE	6988H	16505	SKF	42X56X7	16529	EATON	J1107
163871	HYST	417487 <sup>28</sup>	16467LDS	JN-MN	473235 <sup>28</sup>	16505	SKF	473560N	16530LDS	JN-MN	416383
163887	GMC	415035 <sup>28</sup>	16468	C-R	710245	16506	C-R	494117	16531	C-R	710719
163887	GMC	455035	16468	SKF	710245	16506	SKF	494117	16531	SIDEW	470358
163912	HYST	471869	16471	C-R	710620	16507	C-R	3051N	16531	SIDEW	473231
163912	HYST	473459	16471	SKF	710620	16507	SKF	3051N	16531	SKF	710719
16392	C-R	4674N	16472LDS	JN-MN	416294 <sup>28</sup>	16508	C-R	710097	16532	C-R	450260
16392	SKF	4674N	16473	C-R	711181	16508	SKF	710097	16532	SKF	450260
163A11406.5	TROS	203025	16473	SKF	711181	16509	C-R	224235	16533	C-R	2025 <sup>29</sup>
163A11606.5	TROS	203029	1647308	GMC	710262	16509	C-R	42X58X7 <sup>28</sup>	16533	SKF	2025
163C13204	TROS	41257 <sup>28</sup>	1647311	GMC	710263	16509	SKF	224235	16533LUP	JN-MN	451948
164001349800	ALFAR	222860	16474	C-R	710431	16509	SKF	42X58X7	16534	C-R	224255 <sup>29</sup>
164007XX	TIMKE	16X40X7	16474	SKF	710431	16510	C-R	710701	16534	C-R	42X65X10
16404	C-R	8835S	1647477	GMC	710261	16510	SKF	710701	29		
16404	SKF	8835S	1648	ALOY	4148	16511	C-R	224215	16534	SKF	224255
16406	C-R	473444 <sup>28</sup>	1648	ALOY	471424 <sup>28</sup>	16511	SKF	224215	16534	SKF	42X65X10
16406	SKF	473444	16481	C-R	4615V	165118	ALLCH	471689 <sup>28</sup>	16535	C-R	710938
164063	ALLCH	417597	16481	SKF	4615V	165122A	OLIVE	416921 <sup>28</sup>	16535	SKF	710938
16415	C-R	710241	164848	WAUKE	J1129	165122A	WHITE	416921 <sup>28</sup>	16535LUP	JN-MN	472150
16415	SKF	710241	16485	C-R	710403	165123A	OLIVE	416557	16536	C-R	710442
16416	NPG	710046	16485	SKF	710403	165123A	WHITE	416332 <sup>28</sup>	16536	SKF	710442
16422	C-R	414268 <sup>28,29</sup>	164855	HOUGH	410312N	1651279C91	IH	100495	16536LUP	JN-MN	410825
16422	C-R	450539	164855H1	HOUGH	410312N	1651280C91	IH	710457	16539LUP	JN-MN	455566
16422	SKF	414268	16487	C-R	710550	1651281C91	IH	712000	16540LUP	JN-MN	456305
16422	SKF	450539	16487	SKF	710550	16513	C-R	42X55X7	16541LUP	JN-MN	416294 <sup>28</sup>
16426SS	JN-MN	6863S <sup>28</sup>	16489	C-R	2025	16513	SKF	42X55X7	16542	C-R	710179
16429	C-R	224068	16489	SKF	2025	16514	C-R	1953	16542	SKF	710179
16429	SKF	224068	1648957	AMC	411253 <sup>28</sup>	16514	SKF	1953	16542LUP	JN-MN	417495
16431	C-R	450335	1648957	AMC	450099	16515	C-R	1953	1654330C1	IH	370023A
16431	SKF	450335	16491	C-R	224255	16515	C-R	2025	1654330C1	NAVST	380023A
16432LUP	JN-MN	228010	16491	SKF	224255	16515	C-R	42X60X7 <sup>28</sup>	16543LUP	JN-MN	415498
16433LUP	JN-MN	110X130X12	164918	JEFF	470169	16515	SKF	1953	16544	C-R	224200
164368	ALLCH	327303 <sup>28</sup>	164918	JEFF	473214	16515	SKF	2025	16544	SKF	224200
1643G	OSHKO	415991	164919	JEFF	471795	16515	SKF	42X60X7	16544LUP	JN-MN	455189
1643G	OSHKO	455146 <sup>28</sup>	16494	C-R	3774	16517	C-R	2025	16545	C-R	7457N
16440	C-R	450467	16494	SKF	3774	16517	SKF	2025	16545	SKF	7457N
16440	SKF	450467	16496	C-R	711181	16519	C-R	224250	16545LUP	JN-MN	415958
16441	C-R	474133	16496	SKF	711181	16519	C-R	42X62X8 <sup>28</sup>	165469	SPICE	410825
16441	SKF	474133	1649628C1	IH	370025A	16519	SKF	224250	16546LUP	JN-MN	417505
16442	C-R	224053	1649628C1	NAVST	380025A	16519	SKF	42X62X8	16547LUP	JN-MN	417515
16442	SKF	224053	1649628C1	NAVST	386025A	16520	SIDEW	473458	16548	C-R	224235
16446	C-R	1180	16499	C-R	710221	16521	C-R	224250	16548	SKF	224235
16446	SKF	1180	16499	SKF	710221	16521	SKF	224250	1654875C1	IH	710006
16447LUP	JN-MN	471270 <sup>28</sup>	1650	DURA	340120	16523	C-R	224250	1654887C92	IH	39930
16448	C-R	710141	1650011	DURA	473446	16523	C-R	42X62X8 <sup>28</sup>	16548LUP	JN-MN	455197N
16448	SKF	710141	16502	C-R	224210	16523	SKF	224250	16549	C-R	710517
16449	C-R	8477S	16502	SKF	224210	16523	SKF	42X62X8	16549	SKF	710517
16449	SKF	8477S	16503	C-R	224210	16524	OLIVE	470120	16549LUP	JN-MN	455576 <sup>28</sup>
16452LUP	JN-MN	472016 <sup>28</sup>	16503	SKF	224210	16524	OLIVE	471224 <sup>28</sup>	1654G	OSHKO	415088 <sup>28</sup>
164544	JEFF	416047	165035	HYST	450185	16525	C-R	224255	1654G	OSHKO	455088
164544	JEFF	416332 <sup>28</sup>	165035	HYST	473229	16525	C-R	42X65X10	165510	JEFF	473016 <sup>28</sup>
16456	C-R	3083	1650397	WGEAR	240462	28			1655102C1	IH	370124A
16456	SKF	3083	16504	C-R	3774	16525	SKF	224255	16553	C-R	710207
164567A	MINNM	340385	16504	C-R	42X56X7 <sup>28</sup>	16525	SKF	42X65X10	16553	SKF	710207
164639	HYST	JV1166	16504	C-R	473560N	16525LDS	JN-MN	415052	16554LUP	JN-MN	455476 <sup>29</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
16555	C-R	224270	1665544C1	IH	710211	1668489	CHRY	351267	16805	SKF	8516N
16555	C-R	42X72X10 <sup>28</sup>	16657	C-R	473317	1668489	CHRY	471267 <sup>28</sup>	1680802C1	IH	380003A
16555	SKF	224270	16657	SKF	473317	16684C	DIA	415458 <sup>28</sup>	1680802C1	NAVST	370003A
16555	SKF	42X72X10	16657F	DIA	475009N	16684C	DIA	455003	16811	C-R	440265
16558	C-R	42X72X8	16658SS	JN-MN	416664 <sup>28,29</sup>	16684W	DIA	450095	16811	SKF	440265
16558	SKF	42X72X8	16659	C-R	7022S	16684W	DIA	473464 <sup>28</sup>	16816	C-R	473235 <sup>28</sup>
16559	C-R	452086	16659	SKF	7022S	16692	C-R	480479H	16816	SKF	473235
16559	SKF	452086	16660M	CLARK	417548	16692	SKF	480479H	16816LUP	JN-MN	417533
16561	C-R	42X72X10	16667	C-R	203008	1669254	FORD	3774	168175	JEFF	415449 <sup>28</sup>
16561	SKF	42X72X10	16667	SKF	203008	16693	TRMBL	370020A	168175	JEFF	455147
165618	HOUGH	470351	1666808	CHRY	450365	16696	BU-SP	470120	16818	C-R	200886
16564	C-R	710195	1666808	CHRY	470898 <sup>28</sup>	16696	BU-SP	471224 <sup>28</sup>	16818	SKF	200886
16564	SKF	710195	16669	C-R	473233 <sup>28</sup>	16696	C-R	480479H	16820	C-R	7381S
16564	YARD	471538 <sup>28</sup>	16669	SKF	473233	16696	SKF	480479H	16820	SKF	7381S
16565	C-R	710286	16675	MYERS	450519	1669724	CHRY	6879H	168213KC	TRSCM	1183
16565	SKF	710286	16675	MYERS	471271 <sup>28</sup>	1669851	CHRY	410308 <sup>28</sup>	168216	WHITE	471869
16567	C-R	7300S	1667583	CHRY	417484N	1669851	CHRY	450308	168216	WHITE	473459
16567	SKF	7300S	1667583	CHRY	475322N	1671152C2	IH	714713	168224	ALLCH	474276 <sup>28</sup>
16568	YARD	340724 <sup>28</sup>	1667599	CHRY	35949N	167131H1	IH	455018	168233TB	TRSCM	473317
165757A	WHITE	200870	1667620	CHRY	415449 <sup>28</sup>	167131H1	IH	476470	168235VHY	TRSCM	203008
16578	C-R	8660S	1667620	CHRY	455147	1671340	CHRY	6960	168235VHY	TRSCM	204008
16578	SKF	8660S	1667652	CHRY	351267	167156	STUDE	5M81	168244SSB	TRSCM	480479H
16579	MYERS	450452	1667652	CHRY	471267 <sup>28</sup>	167176	HYST	417602 <sup>28</sup>	168255TB	TRSCM	2146
16579	MYERS	473197	1667670	CHRY	417484N	1671763	CHRY	8160S	168255TB	TRSCM	470460
16594	C-R	710133	1667670	CHRY	455322	16719	C-R	473234	168258TBJ	TRSCM	7300S
16594	SKF	710133	1667704	CHRY	471570 <sup>28</sup>	16719	SKF	473234	168263VHY	TRSCM	440265
165947R91	IH	471341 <sup>28</sup>	1667863	CHRY	470308N	16719LDS	JN-MN	472144 <sup>28</sup>	168265TB	TRSCM	473235 <sup>28</sup>
165949R91	IH	415483 <sup>28</sup>	16679	C-R	473445	16720LDS	JN-MN	417555 <sup>28,29</sup>	1682683TL	TRSCM	470074
165949R91	IH	455368	16679	SKF	473445	1672452	CATER	710013	1682713SL	TRSCM	450765 <sup>28</sup>
16596	C-R	710246	16680	C-R	473445	16725	C-R	2465	16842	C-R	470074
16596	SKF	710246	16680	SKF	473445	16725	SKF	2465	16842	C-R	474265 <sup>28,29</sup>
16597	TRMBL	370012A	1668181	CHRY	410737 <sup>28</sup>	167268H1	HOUGH	40382	16842	SKF	470074
1659759C91	IH	370150A	1668311	FOOTE	471570 <sup>28</sup>	16727	C-R	7300S	16842	SKF	474265
16598LUP	JN-MN	416135 <sup>28</sup>	16683131	FOOTE	450117	16727	SKF	7300S	16848	SIDEW	204013
16599	C-R	4099	16683131	FOOTE	472572 <sup>28</sup>	167302A	WHITE	8126S	1684LPD	JN-MN	416107 <sup>28</sup>
16599	SKF	4099	16683141	FOOTE	472144 <sup>28</sup>	1673373	CHRY	470487N	1684LPD	JN-MN	455073
166021	SIMPL	471231 <sup>28</sup>	16683181	FOOTE	450313	16735	C-R	712146	1684OS	JN-MN	416107 <sup>28</sup>
16605LUP	JN-MN	456641	16683201	FOOTE	450519	16735	SKF	712146	1684OS	JN-MN	455073
16607	EATON	473473	16683201	FOOTE	471271 <sup>28</sup>	1673838	CHRY	7886S	16854	C-R	450765 <sup>28,29</sup>
166202	AMC	473435	1668321	FOOTE	450039	16740LDS	JN-MN	415725 <sup>28</sup>	16854	SKF	450765
16622	C-R	224250	16683211	FOOTE	455079 <sup>28</sup>	16743	C-R	40154S	1685551	STUDE	6808N
16622	SKF	224250	16683231	FOOTE	416921 <sup>28</sup>	16743	SKF	40154S	16855W	DIA	416271 <sup>28</sup>
16623	NPG	3946	16683231	FOOTE	455011	167432	US-EL	415449 <sup>28</sup>	1685689	STUDE	410987 <sup>28</sup>
16624	BU-SP	415991 <sup>28</sup>	16683241	FOOTE	416956	16743LPD	JN-MN	453182	168572	JEFF	473236 <sup>28</sup>
16624	BU-SP	415991N	16683251	FOOTE	415281N	16747	BU-SP	471472 <sup>28</sup>	168574	JEFF	412943
16626	C-R	3622	16683261	FOOTE	415995 <sup>28</sup>	16747	C-R	2146	168575	JEFF	415449 <sup>28</sup>
16626	SKF	3622	16683261	FOOTE	455013	16747	SKF	2146	168575	JEFF	455147
1663	ALOY	450519	16683301	FOOTE	415027 <sup>28</sup>	16751LUP	JN-MN	416130 <sup>28</sup>	1685869	STUDE	410987 <sup>28</sup>
1663	ALOY	471271 <sup>28</sup>	16683301	FOOTE	455027	16757	C-R	9178S	1686005	STUDE	410737 <sup>28</sup>
166300	NEHO	291099	1668331	FOOTE	450161	16757	SKF	9178S	1686188	STUDE	5487
16636LUP	JN-MN	415483	1668331	FOOTE	471764 <sup>28</sup>	16762LDS	JN-MN	416229	1686189	STUDE	455858
1663814	FORD	3771	16683321	FOOTE	455134 <sup>28</sup>	16763LDS	JN-MN	417596	1686218	STUDE	411376 <sup>28</sup>
1 663 822	FORD	710550	16683331	FOOTE	416888 <sup>28</sup>	16769C	DIA	417238	1686218	STUDE	455093
166437R91	IH	456618	16683331	FOOTE	455200	16769SS	JN-MN	6863S <sup>28</sup>	1686248	STUDE	5487
166488A	WHITE	410496 <sup>28</sup>	16683341	FOOTE	415351 <sup>28</sup>	16780	NEWPR	714655	168629	WAUKE	J1109
16650	C-R	353141 <sup>28</sup>	1668341	FOOTE	471795	16781	CHRY	714654	16865LDS	JN-MN	417600
16650	SKF	353141	1668351	FOOTE	473211 <sup>28</sup>	16781	NPG	714654	16866	EATON	415013N
166503	SPERY	471750 <sup>28</sup>	1668361	FOOTE	471192	16787	C-R	710385	16866	EATON	415995V
1665375C91	IH	4624V	1668371	FOOTE	473215 <sup>28</sup>	16787	SKF	710385	168705	US-EL	455121
			1668391	FOOTE	473225 <sup>28</sup>	16805	C-R	8516N	16871	C-R	7038SA

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
16871	SKF	7038SA	1690204	CHALL	471224 <sup>28</sup>	16926	SKF	710431	16M943	UNIVE	450593 <sup>28</sup>
1688203C1	IH	370001A	1690204AM	CHALL	350909	16926LPD	JN-MN	115X140X12	16T12	ATHEY	412119 <sup>28</sup>
1688203C1	NAVST	380001A	1690204AM	CHALL	471224 <sup>28</sup>	1692G	OSHKO	471785 <sup>28</sup>	16T12	ATHEY	450101
16884	DANMA	204002	1690205	CHALL	417350 <sup>28</sup>	16932	C-R	710387	16X018510XX	TIMKE	160X185X10
1688428	STUDE	410308 <sup>28</sup>	1690205	CHALL	455479	16932	SKF	710387	16X019015XX	TIMKE	160X190X15
1688428	STUDE	450308	1690205AM	CHALL	417350 <sup>28</sup>	169328	IH	JV1166	16X020012XX	TIMKE	160X200X12
1688762	STUDE	410737 <sup>28</sup>	1690213AM	CHALL	416339	169328C1	IH	JV1166	16X020015XX	TIMKE	160X200X15
1688882	STUDE	410308 <sup>28</sup>	1690213AM	CHALL	455031 <sup>28</sup>	169329C91	CASE	200851	16X22X4SC	TRSCM	16X22X4
1688882	STUDE	450308	1690214AM	CHALL	450194	169329C91	IH	200851	16X22X4TC	TRSCM	16X22X4
16889	C-R	2012V	1690214AM	CHALL	473010	16933LUP	JN-MN	415449 <sup>28</sup>	16X24X5	TIMKE	16X24X5
16889	SKF	2012V	1690215	CHALL	417487	16940	C-R	710615	16X24X6SC	TRSCM	16X24X6
1689046	STUDE	475380N	1690215	CHALL	455014	16940	SKF	710615	16X24X6TC	TRSCM	16X24X6
16893	C-R	3051N	1690222AM	CHALL	410308 <sup>28</sup>	169437	ALLCH	471795	16X26X7	TIMKE	16X26X7
16893	SKF	3051N	1690222AM	CHALL	450308	16945	C-R	8516N	16X26X7SC	TRSCM	16X26X7
16896	C-R	224200	1690224	CHALL	450121	16945	SKF	8516N	16X26X7TC	TRSCM	16X26X7
16896	SKF	224200	1690224	CHALL	472409 <sup>28</sup>	1694898	STUDE	350414	16X28X7	TIMKE	16X28X7
16897	C-R	320583	169022AM	CHALL	410308 <sup>28</sup>	1694898	STUDE	472311 <sup>28</sup>	16X28X7SC	TRSCM	16X28X7
16897	SKF	320583	169022AM	CHALL	450308	16960	C-R	470596 <sup>29</sup>	16X28X7TC	TRSCM	16X28X7
16899F	DIA	456618	1690293AM	CHALL	40169S	16960	SKF	470596	16X30X7	TIMKE	16X30X7
16900	C-R	473236 <sup>28</sup>	16903	C-R	473236 <sup>28</sup>	169634	US-EL	412943	16X30X7SC	TRSCM	16X30X7
16900	SKF	473236	16903	SKF	473236	16965	C-R	710542	16X30X7TC	TRSCM	16X30X7
1690006	CHALL	355732	1690305AP	CHALL	450389	16965	SKF	710542	16X32X7	SIMRT	16X32X7
1690006AM	CHALL	355732	1690305AP	CHALL	472492 <sup>28</sup>	16970	C-R	710605	16X32X7	TIMKE	16X32X7
1690007	CHALL	415082	1690386	STUDE	470898	16970	SKF	710605	16X32X7SC	TRSCM	16X32X7
1690012	STUDE	350679	1690465	CHALL	471341 <sup>28</sup>	16976	EATON	450094N	16X32X7TC	TRSCM	16X32X7
1690012	STUDE	470954 <sup>28</sup>	1690468AP	CHALL	412040	16976	FULLE	450094N	16X35X7SC	TRSCM	16X35X7
1690016	CHALL	415995 <sup>28</sup>	1690477	STUDE	410308 <sup>28</sup>	16977	EATON	470737N	16X35X7TC	TRSCM	16X35X7
1690016	CHALL	455013	1690477	STUDE	450308	16978	EATON	J1111	16X38X7SC	TRSCM	16X38X7
1690016AM	CHALL	415995 <sup>28</sup>	1690492	CHALL	327303 <sup>28</sup>	16979	EATON	J1106	16X38X7TC	TRSCM	16X38X7
1690016AM	CHALL	455013	1690492AM	CHALL	327303 <sup>28</sup>	16984	C-R	320583	16X40X7SC	TRSCM	16X40X7
1690016BM	CHALL	415995 <sup>28</sup>	1690493	CHALL	345035	16984	SKF	320583	16X40X7TC	TRSCM	16X40X7
1690016BM	CHALL	455013	1690531AM	CHALL	416154 <sup>28</sup>	169847	JEFF	471538 <sup>28</sup>	17001	C-R	710498
1690021	CHALL	472394	1690534AM	CHALL	473215 <sup>28</sup>	16984LUP	JN-MN	471869	17001	SKF	710498
1690021AM	CHALL	472394	1690569	CHALL	415013	16984LUP	JN-MN	473459	17002	DGASK	5092
1690026	STUDE	470898	1690569	CHALL	415995 <sup>28</sup>	16986LDS	JN-MN	417606	17004	SPICE	40566S
1690059	STUDE	480630 <sup>28</sup>	1690598AM	CHALL	416154 <sup>28</sup>	16993	C-R	710836	170041	SPICE	40566S
1690073	CHALL	450069	1690659AM	CHALL	370020A	16993	SKF	710836	170046	JEFF	415138 <sup>28</sup>
1690073	CHALL	473232	1690701AM	CHALL	370006A	169948C91	IH	472636 <sup>28</sup>	17005	C-R	710105
1690074AM	CHALL	455005	1690752AM	CHALL	473227 <sup>28</sup>	169971248	MERCE	1209	17005	SKF	710105
1690096	CHALL	471341 <sup>28</sup>	1690772	STUDE	410496 <sup>28</sup>	16999	C-R	473446 <sup>29</sup>	17007	C-R	471981
1690096CM	CHALL	471341 <sup>28</sup>	169084	ALLCH	450104	16999	SKF	473446	17007	SKF	471981
1690099	CHALL	417513	1690859	STUDE	411330N	16A3116	MTR-C	472041	1700742	AVANT	5778
16901	C-R	3622	1691141C2	IH	455088V	16A3116	MTR-C	473454	1700846	AVANT	481837
16901	SKF	3622	1691143C1	IH	710008	16A3373	FED	471231 <sup>28</sup>	1700847	AVANT	9912
1690100	STUDE	473473	1691144C2	IH	4624V	16A3810	FED	450593 <sup>28</sup>	1700923	FMC	240470
1690114	CHALL	470358	1691145C1	IH	415013N	16A7342	FED	470059	17009-AA000	SUBAR	223830
1690114	CHALL	473231 <sup>28</sup>	1691145C2	IH	415013N	16A7342	FED	470380 <sup>28</sup>	17009-AA010	SUBAR	223830
1690114AM	CHALL	470358	169114C1	IH	710006	16A7415	FED	450291	17009-AA030	SUBAR	223010
1690114AM	CHALL	473231 <sup>28</sup>	16917	C-R	710142	16A7415	FED	471141 <sup>28</sup>	17009-AA040	TOYOT	710319
1690143	CHALL	450185	16917	SKF	710142	16A7628	FED	470027	1701	STEM	370025A
1690143	CHALL	473229	1691942	STUDE	410312N	16A7628	FED	471554 <sup>28</sup>	1701	STEM	380025A
1690143AM	CHALL	450185	1691RC	SUL	417546 <sup>28</sup>	16A7639	FED	473215 <sup>28</sup>	1701	STEM	386025A
1690143AM	CHALL	473229	169237	AU-WS	410059	16B7400	FED	450094	170117	JEFF	415937 <sup>28</sup>
1690145	CHALL	450441	169237	AU-WS	470380 <sup>28</sup>	16B7400	FED	473462	170122	JEFF	470163
1690145	CHALL	471341 <sup>28</sup>	169237	B-L-H	410059	16D19	FMC	416556 <sup>28</sup>	170122	JEFF	471766 <sup>28</sup>
1690172AM	CHALL	415027 <sup>28</sup>	169237	B-L-H	470380 <sup>28</sup>	16D19	FMC	472157	170123	JEFF	471689 <sup>28</sup>
1690172AM	CHALL	455027	16924	C-R	710159	16-D19	LK-BT	416556 <sup>28</sup>	170129	ALLCH	450269
1690190AM	CHALL	415027	16924	SKF	710159	16-D19	LK-BT	472157	17013	DGASK	5591
1690190BM	CHALL	415027	169256R1	SELAS	2146	16D20	FMC	471192	17014	DGASK	228020
1690204	CHALL	350909	16926	C-R	710431	16-D20	LK-BT	471192	17015	DGASK	713750

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
17016	DGASK	3698	17053	C-R	3747	17112	MICH	471530	17162	SKF	50081
17018	DGASK	5092	17053	SKF	3747	17112	UNIVE	471530	171628	HEIL	470045
17018	SPICE	40140S	17053D	IH	471570 <sup>28</sup>	17113	C-R	710193	171628	HEIL	476838 <sup>28</sup>
170180	JEFF	417316 <sup>28</sup>	17054	DGASK	3909	17113	SKF	710193	17166	C-R	350609
170180	JEFF	455004	17054LUP	JN-MN	450307	17113LUP	JN-MN	472636 <sup>28</sup>	17166	SKF	350609
170182	JEFF	471567 <sup>28</sup>	1705540	WHITE	450095	17115	C-R	6840S	17167D	IH	471255 <sup>28</sup>
17019	SPICE	450078	1705540	WHITE	473464 <sup>28</sup>	17115	SKF	6840S	17168	C-R	224465
17019	SPICE	473444	1705548	WHITE	416271 <sup>28</sup>	1712	STEM	370021A	17168	SKF	224465
1702	STEM	370001A	170560	US-EL	473237 <sup>28</sup>	17122	C-R	710264	171683	JEFF	470219
1702	STEM	380001A	1705821	HEIL	240119	17122	SKF	710264	171683	JEFF	471649 <sup>28</sup>
17020LDS	JN-MN	415219	17059	DGASK	5419	1712271	CHRYS	470354	17170	DGASK	3698
170223PTBP	TRSCM	2955	1706	CHEL	410085	17124	C-R	50327	171700	ALLCH	45013S
1702251	WHITE	470548	1706	CHEL	470530 <sup>28</sup>	17124	SKF	50327	17174	DGASK	227235
1702251	WHITE	470625 <sup>28</sup>	1706	STEM	370022A	171255TB	TRSCM	473336	17176	DGASK	5419
1702340	WHITE	415983N <sup>28</sup>	1706	STEM	370131A	171255VB	TRSCM	442251	17177	DGASK	2218
1702530	WHITE	415995V	1706	STEM	380022A	1713	STEM	370019A	17178	DGASK	5065
1702530	WHITE	455995N	1706013	HEIL	470027	17134	C-R	224450	17178LDS	JN-MN	472409 <sup>28</sup>
17026	C-R	710893	1706013	HEIL	471554 <sup>28</sup>	17134	SKF	224450	17179	C-R	44X70X8
17026	SKF	710893	1706014	HEIL	473426	17134M	DIA	415147	17179	DGASK	228010
1702740	OSHKO	415023	17062LUP	JN-MN	417597	17134M	DIA	415449 <sup>28</sup>	17179	SKF	44X70X8
170290	STUDE	450065	1706531	BMW	229005	17135	C-R	450068	1717N2	WHITE	417538
1703	STEM	370003A	1706933	HEIL	450067	17135	SKF	450068	17180	DGASK	4307V <sup>28</sup>
1703	STEM	380003A	1706933	HEIL	473228	17136	C-R	450068	17181	DGASK	4307V <sup>28</sup>
17030	DGASK	5111S	1707	STEM	370023A	17136	SKF	450068	17183	DGASK	5591
1703035	HEIL	415449 <sup>28</sup>	1707	STEM	380023A	17137	CHRYS	714670	17185	DGASK	3772
1703035	HEIL	455147	170703	ALLCH	240319	17137	NEWPR	714670	17186	DGASK	710060
170304A	SELAS	710067	17076	DGASK	3393	17139	C-R	44X60X7 <sup>29</sup>	17187	C-R	8705S <sup>29</sup>
1703125	HEIL	415449 <sup>28</sup>	1708	STEM	370124A	17139	SKF	44X60X7	17187	DGASK	3393
1703125	HEIL	455147	17080	DGASK	716102	17142	C-R	224460	17187	SKF	8705S
17032	DGASK	5414	1708443	WHITE	412119 <sup>28</sup>	17142	SKF	224460	17188	DGASK	39608
17033	DICO	470361	1708443	WHITE	450101	17145	C-R	5836	1718N2	WHITE	415449 <sup>28</sup>
17033	DICO	472193 <sup>28</sup>	1708548	WHITE	450085	17145	SKF	5836	1718N2	WHITE	455147
170330	JEFF	450519	1708548	WHITE	470530 <sup>28</sup>	17146	C-R	442251	1719	ALLCH	471192
170330	JEFF	471271 <sup>28</sup>	1709	NATL	2064	17146	SKF	442251	1719	TRAC	471192
1703339	WHITE	417171 <sup>28</sup>	1709	STEM	370037A	17147	C-R	224462	17190	C-R	8460N
170337	ALLCH	481163 <sup>28</sup>	1709	STEM	370338A	17147	SKF	224462	17190	SKF	8460N
17034	DGASK	5117	170910	ALLCH	471689 <sup>28</sup>	17148	C-R	224460	17191	C-R	710115
1703454	WHITE	6460S	1709629	BMW	223542	17148	SKF	224460	17191	DGASK	228008
17035	C-R	470086	1709814	FMC	471643 <sup>28</sup>	17149	C-R	224464	17191	SKF	710115
17035	SKF	470086	170X200X15	TIMKE	170X200X15	17149	C-R	44X62X8 <sup>28</sup>	1719115	WHITE	450400
17037	C-R	710105	170X200X15SC	TRSCM	170X200X15	17149	SKF	224464	1719137	WHITE	6597S
17037	SKF	710105	170X200X15TC	TRSCM	170X200X15	17149	SKF	44X62X8	17192	DGASK	228480
17038	C-R	470687 <sup>29</sup>	1710	STEM	370131A	17154	C-R	224460	17193	C-R	710208
17038	SKF	470687	17100	C-R	710067	17154	SKF	224460	17193	DGASK	4307V <sup>28</sup>
1704	STEM	370036A	17100	SKF	710067	17155	DICO	412920 <sup>28</sup>	17193	SKF	710208
1704	STEM	370349A	17106	C-R	2955	1715514	WHITE	412027	17194	C-R	710283
1704	STEM	380036A	17106	SKF	2955	1715672	WHITE	473203	17194	DGASK	4307V <sup>28</sup>
17040	DGASK	3393	17107	C-R	2955	17158M	DIA	410316	17194	SKF	710283
17041	DGASK	710056	17107	CATER	471689 <sup>28</sup>	17158M	DIA	472636 <sup>28</sup>	17195	DGASK	4359V
17042	DGASK	5116	17107	SKF	2955	1715N2	WHITE	471270 <sup>28</sup>	17196	DGASK	710075
17043	DGASK	5118	17107	TMTR	471689 <sup>28</sup>	1716	ALOY	3214	17198	DGASK	228700
17046	DGASK	228005	171075R91	IH	410519	17160	C-R	224465	17199	DGASK	3698
17048	DGASK	3772	171075R91	IH	471271 <sup>28</sup>	17160	SKF	224465	17199LDS	JN-MN	415379 <sup>28</sup>
1704OS	JN-MN	327303 <sup>28</sup>	171076R91	IH	410520	171609	EL-MO	415379 <sup>28</sup>	17199LDS	JN-MN	455379
1705	STEM	370031A	171076R91	IH	471272 <sup>28</sup>	171609	EL-MO	455379	17200	DGASK	5591
1705	STEM	370065A	1711	STEM	370048A	171609	JEFF	415379 <sup>28</sup>	17202	DGASK	228009
1705	STEM	380031A	1711	STEM	380048A	171609	JEFF	455379	17205	DGASK	710060
1705	STEM	380065A	17110	C-R	8121S	1716100	WHITE	5401	17206	DGASK	227020
17050	DGASK	5108	17110	SKF	8121S	1716130	WHITE	416130 <sup>28</sup>	17207	DGASK	228250
17051	DGASK	5072	1711035	WOOL	415281N	17162	C-R	50081	17208	DGASK	229005

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
17209	DGASK	228009	17250	DGASK	231004	17285	SIDEW	470548	17353	C-R	710389
1721	ALOY	4148	17252VH	TRSCM	40494S	17285	SIDEW	470625 <sup>28</sup>	17353	SKF	710389
1721	STEM	370132A	17253SSB	TRSCM	482164N	17285	SKF	471504	17358	C-R	473157
17210	ALLCH	204002	17253TB	TRSCM	472164 <sup>28</sup>	17286	C-R	6936S	17358	SKF	473157
17210	DGASK	228410	17253VTB	TRSCM	451147H	17286	C-R	9845	173707XX	TIMKE	17X37X7
17211	DGASK	228010	17253VTB	TRSCM	472164V	17286	SKF	6936S	173713	AU-LI	471765 <sup>28</sup>
17213	DGASK	228009	17255	C-R	710345	17286	SKF	9845	173735	ALLCH	415991 <sup>28</sup>
1721396	WHITE	45653S	17255	DGASK	228009	17287	SIDEW	472299	173735	ALLCH	415991N
17215	DGASK	228410	17255	SKF	710345	172875SA	TRSCM	450291	1737771	CHRYS	3103 <sup>28</sup>
17216	DGASK	3772	172563VHY	TRSCM	203015	172875TA	TRSCM	471141 <sup>28</sup>	17379	C-R	482164N
17217	DGASK	3772	172563VHY	TRSCM	205015 <sup>28</sup>	1728M5	WHITE	471689 <sup>28</sup>	17379	SKF	482164N
17218	DGASK	1021V	17257	C-R	482126	172942	CLIMX	415086N	173807XX	TIMKE	17X38X7
17219	DGASK	1019	17257	DGASK	229210	172942	CLIMX	417487 <sup>28</sup>	17381	C-R	472164V
17220	DGASK	227045	17257	SKF	482126	17298	C-R	710608	17381	SKF	472164V
17221	DGASK	716102	1725831	WHITE	471795	17298	SKF	710608	1738263	CHRYS	6879H
172210	JEFF	417205 <sup>28</sup>	17259	C-R	710476	17300	C-R	710159	17382A	MASSE	450194
17221VB	TRSCM	340400	17259	SKF	710476	17300	SKF	710159	17382A	MASSE	473010
17222	DGASK	227550	1725994	BMW	225530	173007XX	TIMKE	17X30X7	17383A	MASSE	470169
17222A	MASSE	473245 <sup>28</sup>	17259A	MASSE	472144 <sup>28</sup>	173037TB	TRSCM	471984	17383A	MASSE	473214
17223	DGASK	228009	1726	STEM	370150A	173063TB	TRSCM	473313 <sup>28</sup>	173849	JEFF	450316
1722380	WHITE	415449 <sup>28</sup>	17260A	MASSE	417316 <sup>28</sup>	173063TB	TRSCM	710005	173849	JEFF	472636 <sup>28</sup>
1722380	WHITE	455147	17260A	MASSE	455004	17307	C-R	710480	173857	ALLCH	471984
17224	DGASK	227045	17261	C-R	473237V	17307	SKF	710480	17386	C-R	451147H
17225	DGASK	228010	17261	SKF	473237V	17308A	MASSE	450085	17386	SKF	451147H
1722546	WHITE	470120	17263TB	TRSCM	472185 <sup>28</sup>	17308A	MASSE	470530 <sup>28</sup>	17387	C-R	472164 <sup>28</sup>
1722546	WHITE	471224 <sup>28</sup>	17265	C-R	7486S	1730985	CHRYS	474278 <sup>28</sup>	17387	SKF	472164
17226	DGASK	231004	17265	OPEL	204038	1730985	CHRYS	6859S	173883	JEFF	450352
1722607	WHITE	471466 <sup>28</sup>	17265	SKF	7486S	17310	C-R	43071S	173883	JEFF	472164 <sup>28</sup>
1722652	WHITE	413246	172683SB	TRSCM	50289	17310	SKF	43071S	1738831	CHRYS	5126
1722652	WHITE	413246N	1726DA	MASSE	417316 <sup>28</sup>	17315	C-R	471831 <sup>28</sup>	17392	C-R	7834
17227	DGASK	228010	1726DA	MASSE	455004	17315	SKF	471831	17392	SKF	7834
17228	DGASK	228008	17270	C-R	473237 <sup>28</sup>	173153SM	TRSCM	482267	17392LUP	JN-MN	1012N <sup>29</sup>
17228LUP	JN-MN	455134 <sup>28</sup>	17270	SKF	473237	17316A	MASSE	417344 <sup>28</sup>	17392LUP	JN-MN	45X62X8 <sup>28</sup>
17229	DGASK	227040	172707XX	TIMKE	17X27X7	17316A	MASSE	455006	17393TB	TRSCM	476820
17230	DGASK	716102	17271	C-R	7486S	173193	ALLCH	412473 <sup>28</sup>	17395	C-R	472164V
17231	C-R	450400 <sup>29</sup>	17271	SKF	7486S	173193	ALLCH	415894	17395	SKF	472164V
17231	DGASK	227530	172714TC	TRSCM	323119	173194	ALLCH	55301S	17395601	JOHND	416327
17231	SKF	450400	172737	ALLCH	417555 <sup>28</sup>	173197	ALLCH	471887	173968	JEFF	450400
17232	DGASK	228010	17273TB	TRSCM	472179	173207XX	TIMKE	17X32X7	173970	JEFF	450183
17233	DGASK	228010	17273TB	TRSCM	5827	173232KM	TRSCM	6840S	173970	JEFF	472179
17234SB	TRSCM	482126	17273UA	TRSCM	200854	173234KBY	TRSCM	8121S	174007XX	TIMKE	17X40X7
17234SP	TRSCM	7486S	17273VHY	TRSCM	204002	173242VB	TRSCM	8705S	1740273	WHITE	370007A
17236	DGASK	710258	1727592	FMC	472324 <sup>28</sup>	17324A	MASSE	470409 <sup>28</sup>	174029	CLIMX	417487
172361	CLIMX	240733	1727593	FMC	473214 <sup>28</sup>	17327	C-R	100357	174029	CLIMX	455014
17236LUP	JN-MN	223014	17276	SPICE	40769S	17327	SKF	100357	17403	MAGNA	4813V
172373TB	TRSCM	473237 <sup>28</sup>	1727607	WHITE	471538 <sup>28</sup>	173275VHY	TRSCM	5836	17403	NEWPR	4813V
1723758	FMC	470390	17277	C-R	204503	173285PTBJ	TRSCM	8460N	17404	C-R	472193 <sup>28,29</sup>
17239	DGASK	2377	17277	SKF	204503	173305PTBP	TRSCM	6818	17404	SKF	472193
1723903	WHITE	473473	17278LUP	JN-MN	32X56X10 <sup>28</sup>	1733603	CHRYS	7188S	17405LUP	JN-MN	224025
1724	STEM	370009A	1728	STEM	370047A	17340	C-R	494122	17406	C-R	203015
1724	STEM	380009A	17280	C-R	9845	17340	SKF	494122	17406	SKF	203015
17240	DGASK	3893V	17280	SKF	9845	1734152	BENDI	417343 <sup>28</sup>	174069H1	HOUGH	472018
17241	DGASK	710060	172807XX	TIMKE	17X28X7	173422SP	TRSCM	7607	174069H1	IH	472018
17242	DGASK	3698	1728192	WHITE	5778	173463	JEFF	470712 <sup>28</sup>	17407	C-R	710474
17242VHY	TRSCM	43071S	17283	C-R	470351	1734913	CHRYS	8773S	17407	SKF	710474
17243TB	TRSCM	470351	17283	SKF	470351	1734RC	SUL	471648	174099H1	HOUGH	416229
17243TB	TRSCM	471504 <sup>28</sup>	17284	C-R	470351	17350	C-R	710480	174099H1	IH	416229
172443TB	TRSCM	471831 <sup>28</sup>	17284	SKF	470351	17350	SKF	710480	174099H2	IH	416229
172463	JEFF	470712 <sup>28</sup>	17285	C-R	471504	173507XX	TIMKE	17X35X7	17410D	IH	417247 <sup>28</sup>
1724D	GOODM	472015 <sup>28</sup>				173508XX	TIMKE	17X35X8	17413	C-R	473796

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
17413	SKF	473796	17485	C-R	200854	17599	SKF	5827	17685	SIDEW	471192
174136	CLIMX	415937 <sup>28</sup>	17485	SKF	200854	175991	JEFF	473405	17686	C-R	710847
174137	CLIMX	416865 <sup>28</sup>	174854	ALLCH	415027 <sup>28</sup>	175A4	WHITE	450316	17686	SKF	710847
174137	CLIMX	455070	174854	ALLCH	455027	175A4	WHITE	472636 <sup>28</sup>	17687LDS	JN-MN	473231 <sup>28</sup>
17415	C-R	204502	17486LUP	JN-MN	472299	175F-1	KEN	471689 <sup>28</sup>	17688LDS	JN-MN	471424 <sup>28</sup>
17415	SKF	204502	17488	C-R	204038	175G	OSHKO	455006N	17691LDS	JN-MN	471692 <sup>28</sup>
17418M1	FREIG	471413 <sup>28</sup>	17488	SKF	204038	175K1	WHITE	240151	176927	CUMMI	2291
17420SS	JN-MN	22X32X7	174938	JEFF	320457	175X200X15	SIMRT	175X200X15	17694LDS	JN-MN	471224 <sup>28</sup>
1742252	WHITE	413469 <sup>28</sup>	17497	SPICE	471689 <sup>28</sup>	175X200X15	TIMKE	175X200X15	17695	C-R	473448 <sup>29</sup>
174227JX	MICH	200600	17497	VIC	471689 <sup>28</sup>	175X200X15SC	TRSCM	175X200X15	17695	SKF	473448
17425	EATON	415027N	1749OS	JN-MN	450301	175X200X15TC	TRSCM	175X200X15	17699	C-R	471984 <sup>29</sup>
174277	HYST	412473 <sup>28</sup>	1749OS	JN-MN	472397 <sup>28</sup>	17600	CASE	472924 <sup>28</sup>	17699	SKF	471984
174277	HYST	415894	17502	C-R	710062	1760 449	FORD	223750	176G	OSHKO	450095
17431	WHITE	415001 <sup>28</sup>	17502	SKF	710062	17605	C-R	473447 <sup>29</sup>	176G	OSHKO	473464 <sup>28</sup>
17431	WHITE	455001	175038	FORD	450070	17605	SKF	473447	177000	JEFF	412871 <sup>28</sup>
17435	C-R	1992	175038	FORD	472185 <sup>28</sup>	1760654	FORD	710279	177000	JEFF	450329
17435	SKF	1992	175088	ALLCH	415138 <sup>28</sup>	17607	C-R	323119	17701LUP	JN-MN	471785 <sup>28</sup>
17436	SCHWI	473225 <sup>28</sup>	1751	CABOT	471689 <sup>28</sup>	17607	SKF	323119	17702	C-R	204501 <sup>28</sup>
17442	C-R	450070	175155	JEFF	415483 <sup>28</sup>	17617	C-R	200354	17702	C-R	471984
17442	C-R	472185 <sup>28</sup>	175155	JEFF	455368	17617	SKF	200354	17702	SKF	204501
17442	SKF	450070	1751702M1	MASSE	351267	17618	C-R	200354	17702	SKF	471984
17442	SKF	472185	1751702M1	MASSE	471267 <sup>28</sup>	17618	SKF	200354	17703	C-R	45X72X7
17443	C-R	472185 <sup>28</sup>	17520	C-R	710428	17620	C-R	200600	17703	SKF	45X72X7
17443	SKF	472185	17520	SKF	710428	17620	SKF	200600	17707	C-R	471984 <sup>29</sup>
17444	C-R	4950	17520015A	HARWA	175X200X15	176234	US-EL	473239 <sup>28</sup>	17707	SKF	471984
17444	SKF	4950	17521	C-R	710428	17624	C-R	712260	177070	CLIMX	473238 <sup>28</sup>
17445	C-R	710786	17521	SKF	710428	17624	SKF	712260	17708	C-R	710887
17445	SKF	710786	17521	TRMBL	370023A	176256	US-EL	455480 <sup>28</sup>	17708	SKF	710887
17448	C-R	472185V	17521	WHITE	370023A	17627A	MASSE	412119 <sup>28</sup>	17710182	EL-PA	450194
17448	SKF	472185V	17521	WHITE	380023A	17627A	MASSE	450101	17710182	EL-PA	473010
17455557	AUTSP	472826 <sup>28</sup>	17522	TRMBL	370007A	17629	C-R	224520	177128	STUDE	40337S
17456	C-R	450070	175223SA	TRSCM	450400	17629	SKF	224520	17717	C-R	1992 <sup>29</sup>
17456	C-R	472185 <sup>28,29</sup>	17523	C-R	472179	176364	HYST	471138 <sup>28</sup>	17717	SKF	1992
17456	SKF	450070	17523	SKF	472179	1764292	GMC	473471	17718	C-R	473313 <sup>28</sup>
17456	SKF	472185	1752N2	WHITE	417538	17645	C-R	471141 <sup>28,29</sup>	17718	SKF	473313
174573	ALLCH	472029	1753532M1	MASSE	471554 <sup>28</sup>	17645	SKF	471141	17719	C-R	710783
174574	ALLCH	415995 <sup>28</sup>	17542	SPICE	40286	17646	C-R	710484	17719	SKF	710783
174574	ALLCH	455013	17544	C-R	472179	17646	SKF	710484	177190	JEFF	416107 <sup>28</sup>
17458	C-R	4950	17544	SKF	472179	17653	C-R	471141 <sup>28,29</sup>	177190	JEFF	455073
17458	SKF	4950	1754835M1	MASSE	340724 <sup>28</sup>	17653	SKF	471141	177191	JEFF	412473 <sup>28</sup>
17459	C-R	4950	175559	JEFF	417511	17657	C-R	471141V	177191	JEFF	415894
17459	MALL	471571	17557	C-R	472179	17657	SKF	471141V	17720	C-R	710005
17459	SKF	4950	17557	SKF	472179	17658	C-R	239155	17720	SKF	710005
17460	SPICE	472354 <sup>28</sup>	17558	C-R	472179	17658	SKF	239155	17726	C-R	482267
17460	SPICE	50395S	17558	SKF	472179	17659	C-R	224200	17726	SKF	482267
1746312	SPICE	415027	1756903	BORGW	455290	17659	SKF	224200	17727	C-R	6818
17468	BU-SP	415072	1756904	BORGW	415991	1765RC	SUL	412119 <sup>28</sup>	17727	SKF	6818
17468	C-R	710867	1756904	BORGW	455146 <sup>28</sup>	1765RC	SUL	450101	17728	C-R	710484
17468	SKF	710867	1756904	MERIX	415991	17667	C-R	224570	17728	SKF	710484
174707XX	TIMKE	17X47X7	1756904	MERIX	455146 <sup>28</sup>	17667	SKF	224570	17729	C-R	224460
174708XX	TIMKE	17X47X8	1756904	ROCKW	415991	176681R91	IH	450593 <sup>28</sup>	17729	SKF	224460
17472X	MASSE	472439	1756904	ROCKW	455146 <sup>28</sup>	17670LDS	JN-MN	473238 <sup>28</sup>	1772RC	SUL	416288 <sup>28</sup>
17475LDS	JN-MN	415027	1756OS	JN-MN	416339	17671	C-R	471141 <sup>29</sup>	17730	C-R	224520
17476LDS	JN-MN	415227 <sup>28</sup>	1756OS	JN-MN	455031 <sup>28</sup>	17671	SKF	471141	17730	C-R	45X60X8 <sup>28</sup>
17478	SPICE	40769S	175732H1	HOUGH	471424 <sup>28</sup>	17673	C-R	224570	17730	SKF	224520
174783	SPICE	40769S	175732H1	IH	471424 <sup>28</sup>	17673	SKF	224570	17730	SKF	45X60X8
174826	JEFF	470548	175938	JEFF	416888 <sup>28</sup>	17678	C-R	473448	17731LDS	JN-MN	415303 <sup>28</sup>
174826	JEFF	470625 <sup>28</sup>	175938	JEFF	455200	17678	SKF	473448	17733	C-R	710289
17484	C-R	470334 <sup>28</sup>	17593LDS	JN-MN	415027	17679	C-R	710521	17733	SKF	710289
17484	SKF	470334	17599	C-R	5827	17679	SKF	710521	17734	C-R	1992 <sup>29</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
17734	C-R	45X65X8 <sup>28</sup>	17775	C-R	9845V	17811	C-R	452742	1791687	CHRYS	450308
17734	SKF	1992	17775	SKF	9845	17811	SKF	452742	1791688	CHRYS	470898
17734	SKF	45X65X8	17775	SKF	9845V	17815	C-R	7607	1791717	CHRYS	40316S
17736	C-R	1012N	17776	C-R	45X72X95	17815	SKF	7607	179177	ALLCH	455655 <sup>28</sup>
17736	SKF	1012N	17776	SKF	45X72X95	17817LUP	JN-MN	472150	17918	C-R	710790
17737	SUPER	415254	17778	C-R	1943	17818	C-R	45X72X7 <sup>28</sup>	17918	SKF	710790
17739	SUPER	455019 <sup>28</sup>	17778	C-R	224570 <sup>29</sup>	17818	SKF	45X72X7	17919	C-R	710838
17741	C-R	45X60X7	17778	C-R	45X72X7 <sup>28</sup>	17821	C-R	50266 <sup>29</sup>	17919	SKF	710838
17741	SKF	45X60X7	17778	SKF	1943	17821	SKF	50266	1791963	CHRYS	40769S
17742	C-R	494122	17778	SKF	224570	178223TB	TRSCM	321460	1792131	CHRYS	450639
17742	SKF	494122	17778	SKF	45X72X7	178253TA	TRSCM	452742	1792140	CHRYS	470506 <sup>28</sup>
177431H1	IH	470954 <sup>28</sup>	17779LDS	JN-MN	415027	178263SB	TRSCM	50266	179275VB	TRSCM	6781
177433	ALLCH	415025	17780LDS	JN-MN	417598	1782683SL	TRSCM	450269	17929	BU-SP	416271 <sup>28</sup>
17745LUP	JN-MN	481864	17782	C-R	1979 <sup>29</sup>	1782A2	WHITE	330385 <sup>28</sup>	17929	KOEH	416271 <sup>28</sup>
17746	C-R	470088 <sup>29</sup>	17782	C-R	45X75X7 <sup>28</sup>	17832	C-R	450269 <sup>29</sup>	17930	C-R	46X65X10
17746	SKF	470088	17782	SKF	1979	17832	SKF	450269	17930	C-R	46X65X7 <sup>28</sup>
17746LDS	JN-MN	416239 <sup>28,29</sup>	17782	SKF	45X75X7	1783301	SIDEW	470351	17930	SKF	46X65X10
17750	C-R	224520	17783	C-R	1979	1783301	SIDEW	471504 <sup>28</sup>	17930	SKF	46X65X7
17750	C-R	45X60X10	17783	SKF	1979	178345	HYST	415294 <sup>28</sup>	17936	EATON	415437 <sup>28</sup>
28			17784	C-R	224510	17836	C-R	6781	17936	EATON	455173
17750	SKF	224520	17784	C-R	45X58X7 <sup>28</sup>	17836	SKF	6781	1794110	CHRYS	473458
17750	SKF	45X60X10	17784	SKF	224510	178446	HYST	482163N	1794135	CHRYS	410520
17751	C-R	210945	17784	SKF	45X58X7	17846LDS	JN-MN	417020	1794135	CHRYS	471272 <sup>28</sup>
17751	SKF	210945	17785	C-R	45X70X10	17847	C-R	450285	1794149	CHRYS	470954 <sup>28</sup>
17752	C-R	224520	28			17847	SKF	450285	1794206	CHRYS	415483 <sup>28</sup>
17752	SKF	224520	17785	SKF	45X70X10	178481	JEFF	471647	1794206	CHRYS	455368
17753	C-R	710078	17787	C-R	714075	17849	C-R	4072N	179424	ALLCH	55563
17753	SKF	710078	17787	SKF	714075	17849	SKF	4072N	17943	C-R	710302
17754	C-R	1012N	17788	C-R	710521	17851	C-R	480281 <sup>28</sup>	17943	SKF	710302
17754	C-R	45X62X8 <sup>28</sup>	17788	SKF	710521	17851	SKF	480281	1794312	CHRYS	416130 <sup>28</sup>
17754	C-R	494122	17788LDS	JN-MN	417602 <sup>28</sup>	178566	FUNK	415138 <sup>28</sup>	179447R91	IH	35949N
17754	SKF	1012N	177896	ALLCH	340787	178791	JOY	417511	1795192	CHRYS	6808N
17754	SKF	45X62X8	17790	C-R	1012N	178813	JEFF	470219	17952LUP	JN-MN	415349
17754	SKF	494122	17790	C-R	45X62X8 <sup>28</sup>	178813	JEFF	471649 <sup>28</sup>	1795358	CHRYS	417485
17756	C-R	455536 <sup>29</sup>	17790	SKF	1012N	17886LUP	JN-MN	417563	17953LDS	JN-MN	472213
17756	SKF	455536	17790	SKF	45X62X8	178874	WAUKE	415984 <sup>28</sup>	17955	C-R	710161
17756LDS	JN-MN	473226	17791	C-R	45X80X10	17897	C-R	224650	17955	SKF	710161
17757	C-R	1992	17791	SKF	45X80X10	17897	SKF	224650	1795508	CHRYS	6808N
17757	C-R	45X65X8 <sup>28</sup>	17792	C-R	1953	179030	CHRYS	5526	17959LDS	JN-MN	416865 <sup>28</sup>
17757	SKF	1992	17792	SKF	1953	179030	DODM	5526	17960	C-R	46X70X8 <sup>28</sup>
17757	SKF	45X65X8	17793LUP	JN-MN	472439	17905	C-R	444116	17960	SKF	46X70X8
17757LDS	JN-MN	472179	177949	US-EL	471766 <sup>28</sup>	17905	SKF	444116	179603	HYST	417545
17758	C-R	710345	17794LUP	JN-MN	473204	17907	C-R	710289	179618	ALLCH	415867
17758	SKF	710345	17795	C-R	224570	17907	SKF	710289	179633	HYST	415962
17759	C-R	1992	17795	SKF	224570	17908	C-R	710891	179643	ALLCH	415023
17759	C-R	45X65X8 <sup>28</sup>	17796	C-R	45X85X10	17908	SKF	710891	17972LDS	JN-MN	417181 <sup>28</sup>
17759	SKF	1992	17796	SKF	45X85X10	17909	C-R	444116	179737	ALLCH	352541
17759	SKF	45X65X8	17775	WHITE	415147	17909	SKF	444116	1797558	CHRYS	415988
17760LUP	JN-MN	65X85X10	17775	WHITE	415449 <sup>28</sup>	17914	C-R	224660	1799582	CHRYS	411348 <sup>28</sup>
17762	C-R	1992	17803	C-R	710525	17914	C-R	710868	17B528	UNIVE	340724 <sup>28</sup>
17762	C-R	45X65X8 <sup>28</sup>	17803	SKF	710525	17914	SKF	224660	17DH4300	DURA	470027
17762	SKF	1992	17804	SUPER	418028	17914	SKF	710868	17DH4300	DURA	471554 <sup>28</sup>
17762	SKF	45X65X8	17804	SUPER	455137 <sup>28</sup>	17914	US-EL	450070	17DH430A	DURA	471231 <sup>28</sup>
17763	C-R	494122	17806	C-R	321460 <sup>29</sup>	17914	US-EL	472185 <sup>28</sup>	17DH430AAS	DURA	473236 <sup>28</sup>
17763	SKF	494122	17806	SKF	321460	179147	ALLCH	416865 <sup>28</sup>	17DH430B	DURA	471570 <sup>28</sup>
17771	C-R	476820	178070	CLIMX	473238 <sup>28</sup>	17915	C-R	710128	17DH430BB	DURA	471267 <sup>28</sup>
17771	SKF	476820	17808	C-R	710248	17915	SKF	710128	17DH430D	DURA	450039
17773	C-R	224570	17808	SKF	710248	1791590	CHRYS	5778	17DH430DD	DURA	472705 <sup>28</sup>
17773	SKF	224570	17810	C-R	452742	179164H1	IH	417357	17DH430F	DURA	470219
17775	C-R	9845	17810	SKF	452742	1791687	CHRYS	410308 <sup>28</sup>	17DH430F	DURA	471649 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
17DH430K	DURA	471765 <sup>28</sup>	18005	SKF	710950	18100D	IH	470530 <sup>28</sup>	18152F	OSHKO	417487 <sup>28</sup>
17DH430L	DURA	473426	18009	C-R	4249	18101	C-R	710521	181580	JEFF	473452
17DH430M	DURA	471750 <sup>28</sup>	18009	SKF	4249	18101	SKF	710521	18159	C-R	473449 <sup>28,29</sup>
17DH430O	DURA	470027	18014	C-R	224663	18102	C-R	710495	18159	SKF	473449
17DH430P	DURA	471554 <sup>28</sup>	18014	SKF	224663	18102	SKF	710495	1816046C1	IH	3894V
17DH430OS	DURA	470027	18015	C-R	710768	18104	C-R	472070 <sup>29</sup>	1816046C2	IH	3894V
17DH430OT	DURA	471554 <sup>28</sup>	18015	SKF	710768	18104	SKF	472070	1816558C91	IH	39608
17DH430T	DURA	450154	18021	EATON	35949N	18106	C-R	100537	1816559C91	IH	39608
17DH430U	DURA	473234	18022A	MASSE	470543	18106	SKF	100537	181692	HYST	416921 <sup>28</sup>
17DH430Y	DURA	470712 <sup>28</sup>	18022A	MASSE	474272	18107	C-R	710754	18173	NEWPR	4741
17DH430YS	DURA	470712 <sup>28</sup>	1802382	FORD	7381S	18107	SKF	710754	181737	HYST	471766 <sup>28</sup>
17DH579	DURA	472658	18024	C-R	4278	18108	C-R	710663	18175	FMC	204002
17DH579	DURA	473197	18024	SKF	4278	18108	SKF	710663	1817-B1	REO	370023A
17DH663	DURA	470358	18030	C-R	710409	1810879	MCKIN	472394	1818772C1	IH	714470
17DH663	DURA	473231 <sup>28</sup>	18030	SKF	710409	1810883	MCKIN	410312N	18190	C-R	3604
17G170	OSHKO	415023	18032	BU-SP	415991	181103	ALLCH	417352	18190	SKF	3604
17G91	OSHKO	415023	18036LUP	JN-MN	471141 <sup>28</sup>	181103	ALLCH	418028 <sup>28</sup>	181937	ALLCH	416865 <sup>28</sup>
17GX91	OSHKO	415023	18038	BU-SP	472636 <sup>28</sup>	1811035	WOOL	415036	1819733C91	IH	39608
17R528	MTR-C	340724 <sup>28</sup>	18039	C-R	451817 <sup>29</sup>	18112	MICH	471281 <sup>28</sup>	18198	BU-SP	7208S
17T12	ATHEY	415988	18039	SKF	451817	18112	UNIVE	471281 <sup>28</sup>	181W287	CONE	5531
17T12	FRUEH	415988	1804009C91	IH	3894V	181153	JEFF	411376 <sup>28</sup>	182	CALI	417223
17X020015XX	TIMKE	170X200X15	1804009C91	IH	5066	181153	JEFF	455093	18201	DIVCO	473215 <sup>28</sup>
17X27X7	TIMKE	17X27X7	1804010C91	IH	3893V	1812329C91	IH	5723	182067	ALLCH	340151
17X27X7SC	TRSCM	17X27X7	1804010C91	IH	39608	1812329C92	IH	5723	182091	HYST	472258 <sup>28</sup>
17X27X7TC	TRSCM	17X27X7	18041	BU-SP	471192	1812329C94	IH	5723	182200118	BORGW	415995 <sup>28</sup>
17X28X7	TIMKE	17X28X7	1804414	GMC	410987 <sup>28</sup>	181234VB	TRSCM	444116	182200118	BORGW	455013
17X28X7SC	TRSCM	17X28X7	1804414	GMC	450103	18124	BU-SP	417486	182200118	IG-RA	415995 <sup>28</sup>
17X28X7TC	TRSCM	17X28X7	18049	C-R	5133	18124	C-R	350609	182200118	IG-RA	455013
17X30X7	TIMKE	17X30X7	18049	SKF	5133	18124	SKF	350609	182274VHY	TRSCM	7600S
17X30X7SC	TRSCM	17X30X7	18050	C-R	203006 <sup>28</sup>	18125	MICH	450536	1822834C91	IH	5723
17X30X7TC	TRSCM	17X30X7	18050	SKF	203006	18125	MICH	471535 <sup>28</sup>	1822836C1	IH	5723
17X32X7	TIMKE	17X32X7	18055	C-R	44053	18125	UNIVE	471535 <sup>28</sup>	182293	JEFF	450441
17X32X7SC	TRSCM	17X32X7	18055	SKF	44053	181254VHY	TRSCM	203006 <sup>28</sup>	182293	JEFF	471341 <sup>28</sup>
17X32X7TC	TRSCM	17X32X7	180562	US-EL	415984 <sup>28</sup>	18126	C-R	710971	182294	JEFF	417596
17X35X7	TIMKE	17X35X7	180586	FMC	471354 <sup>28</sup>	18126	SKF	710971	18231	US-EL	474255
17X35X7SC	TRSCM	17X35X7	180587	FMC	470219	181265TBJ	TRSCM	8181NA	1823404C1	IH	5723
17X35X7TC	TRSCM	17X35X7	180587	FMC	471649 <sup>28</sup>	18127	C-R	7186S	182387	JEFF	450519
17X35X8	TIMKE	17X35X8	1805B-54	HU-WR	450083	18127	SKF	7186S	182387	JEFF	471271 <sup>28</sup>
17X37X7	TIMKE	17X37X7	1805B-54	HU-WR	472924 <sup>28</sup>	181287C1	CASE	473240	1824075	CHRYS	330663
17X37X7SC	TRSCM	17X37X7	180612	ALLCH	415683	181287C1	IH	473240 <sup>28</sup>	1824075	CHRYS	472354 <sup>28</sup>
17X37X7TC	TRSCM	17X37X7	1806380C91	IH	714470	181288C1	IH	470565 <sup>28</sup>	18242	C-R	473450 <sup>28</sup>
17X38X7SC	TRSCM	17X38X7	180689	HYST	472924 <sup>28,29</sup>	181313PTB	TRSCM	7044NA	18242	SKF	473450
17X38X7TC	TRSCM	17X38X7	1807783C1	IH	J1127	18132	C-R	224650	18242D	IH	416339
17X40X7SC	TRSCM	17X40X7	180847C1	IH	39958	18132	SKF	224650	18242D	IH	455031 <sup>28</sup>
17X40X7TC	TRSCM	17X40X7	1808751C91	IH	5066	18134LDS	JN-MN	416865 <sup>28</sup>	18242VB	TRSCM	7934S
17X47X7	TIMKE	17X47X7	18096	C-R	710472	18136	C-R	3604	182455	JEFF	473237 <sup>28</sup>
17X47X8SC	TRSCM	17X47X8	18096	SKF	710472	18136	SKF	3604	182473TB	TRSCM	472747
17X47X8TC	TRSCM	17X47X8	1809797	MCKIN	416865 <sup>28</sup>	181361	US-EL	416380 <sup>28</sup>	182502VHY	TRSCM	340823
17X520015XX	TIMKE	175X200X15	1809964C92	IH	5624	181363	US-EL	473517 <sup>28</sup>	182503SB	TRSCM	350823
18000	C-R	710397	18099LUP	JN-MN	415563	181364	US-EL	415991 <sup>28</sup>	182512	JEFF	418029 <sup>28</sup>
18000	SKF	710397	18099LUP	JN-MN	417433 <sup>28</sup>	181364	US-EL	415991N	182512	JEFF	455499
180008M1	MASSE	6336S	180X210X15	TIMKE	180X210X15	18137	UNIVE	471551 <sup>28</sup>	182513	JEFF	55419
1800106003	BUDD	370025A	180X210X15SC	TRSCM	180X210X15	1814607C1	IH	J2228	182514	JEFF	456105
180029	CHRYS	5399	180X210X15TC	TRSCM	180X210X15	18148D	IH	415066	18253SSB	TRSCM	482041N
180029	DODM	5399	18100	C-R	3618	18149	C-R	7600S	18253X	MASSE	471424 <sup>28</sup>
180030	CHRYS	5531	18100	C-R	8181NA	18149	SKF	7600S	182564PTBJ	TRSCM	2692
180030	DODM	5527	18100	MICH	472705 <sup>28</sup>	18151	NEWPR	3459	182564PTBJ	TRSCM	2942
18005	C-R	100537	18100	SKF	3618	18151D	IH	417316 <sup>28</sup>	182564PTBJ	TRSCM	441853
18005	C-R	710950	18100	SKF	8181NA	18151D	IH	455004	182566	JEFF	415035 <sup>28</sup>
18005	SKF	100537	18100D	IH	450085	18152F	OSHKO	415086N	182566	JEFF	455035

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
182567	JEFF	417357	18328	FAIRB	471137	18446	C-R	473452	185009	STUDE	470074
182567	JEFF	455192 <sup>28</sup>	18328	HUGKE	471137	18446	SKF	473452	185009	STUDE	474265
182568	JEFF	470682	18328M1	CR-CF	471137	18446323	SPICE	415013N	185031	JEFF	455330 <sup>28</sup>
182569	JEFF	410694 <sup>28</sup>	18331	FAIRB	450040	18446323	SPICE	415995V	185031	O-M	455330 <sup>28</sup>
18258	C-R	5070	18334TA	TRSCM	410524	18450	C-R	47X62X8 <sup>28</sup>	185064M91	MASSE	7790H
18258	SKF	5070	18336	SPICE	450291	18450	C-R	710320	18507	C-R	4503N
182591	JEFF	412871 <sup>28</sup>	18336	SPICE	471141 <sup>28</sup>	18450	SKF	47X62X8	18507	SKF	4503N
182591	JEFF	450329	18342702	EL-PA	473458	18450	SKF	710320	185076	HYST	415041
182614	HYST	471341 <sup>28</sup>	1834635C91	IH	710901	184517	GOODM	415138 <sup>28</sup>	18508	C-R	331227H
1826167	CHRYS	7013S	1834638	SPICE	455006N	18452	C-R	224820	18508	SKF	331227H
182623VB	TRSCM	6985	183507A	HARWA	18X35X7	18452	SKF	224820	18509	C-R	710551
18263SSB	TRSCM	331227H	183507XX	TIMKE	18X35X7	18458	C-R	710191	18509	SKF	710551
18263TB	TRSCM	472439	1835376C1	NAVST	710890	18458	FITZ	2955	18510	C-R	8521S
18264	C-R	7044NA	18355	SPICE	410308 <sup>28</sup>	18458	SKF	710191	18510	SKF	8521S
18264	SKF	7044NA	18355	SPICE	450308	18459	FITZ	2955	1851001	BR-WN	411376 <sup>28</sup>
1826719	CHRYS	7216	18356392	EL-PA	471750 <sup>28</sup>	184596	STUDE	450030	18512	C-R	710886
18268	C-R	481992	18365	SIDEW	473446	184596	STUDE	474253	18512	SKF	710886
18268	SKF	481992	1837597C1	IH	710890	184631	SPICE	473016 <sup>28</sup>	18512	TIMKE	710886
1826C	GOODM	450316	18375LUP	JN-MN	1979	184636	SPICE	470682	18513	C-R	710784
1826C	GOODM	472636 <sup>28</sup>	18376LUP	JN-MN	65X100X10	184638	SPICE	471466 <sup>28</sup>	18513	SKF	710784
1826D	GOODM	450316	183807XX	TIMKE	18X38X7	184639	SPICE	472635	18515	C-R	714675
1826D	GOODM	472636 <sup>28</sup>	183847H1	HOUGH	415021	18463LUP	JN-MN	473205 <sup>28</sup>	18515	SKF	714675
18273TA	TRSCM	450117	18384D	IH	410987 <sup>28</sup>	18465	C-R	710215	18516	SPICE	450067
18273TB	TRSCM	3946	18384D	IH	450103	18465	SKF	710215	18516	SPICE	473228
18273TB	TRSCM	472572 <sup>28</sup>	183959	STUDE	450043	18467	C-R	47X65X8 <sup>29</sup>	1851747M1	MASSE	410520
18274SP	TRSCM	3604	183959	STUDE	473419	18467	SKF	47X65X8	1851747M1	MASSE	471272 <sup>28</sup>
18274SSBJ	TRSCM	6712NA	18396LUP	JN-MN	416154 <sup>28</sup>	18472	C-R	714675	18518A	MASSE	472354 <sup>28</sup>
18274TA	TRSCM	414045 <sup>28</sup>	183W14	CR-CF	470045	18472	SKF	714675	18518A	MASSE	50395S
18275TBJ	TRSCM	9449	183W14	CR-CF	476838 <sup>28</sup>	1847386	GMC	450030	185198H1	HOUGH	455035N
18276	C-R	6930 <sup>29</sup>	183W28	CR-CF	471137	1847386	GMC	474253	185209	HOUGH	415035
18276	SKF	6930	18402	SPICE	41787S	18475	OLIVE	450067	185209	IH	415035
182778	HARN	415725 <sup>28</sup>	1840201	SIDEW	471821 <sup>28</sup>	18475	OLIVE	473228	185209H1	IH	455035N
1827D	GOODM	412920 <sup>28</sup>	184021	SPICE	41787S	18478	C-R	710595	18521	C-R	4528N
1827D	GOODM	450132	184023	SPICE	41787S	18478	SKF	710595	18521	SKF	4528N
18283SB	TRSCM	483238V	184025	SPICE	41787S	18480	C-R	47X70X10	18521013A	HARWA	185X210X13
18283SP	TRSCM	9912	18408	C-R	291295	18480	C-R	714675	185215C1	IH	473228 <sup>28</sup>
18283TB	TRSCM	473238 <sup>28</sup>	18408	SIDEW	472397 <sup>28</sup>	18480	SKF	47X70X10	18528LUP	JN-MN	200X230X15 <sup>28</sup>
182843KBY	TRSCM	5699	18408	SKF	291295	18480	SKF	714675	18529LUP	JN-MN	130X160X12
18285SP	TRSCM	2689S	1840847M1	MASSE	415234 <sup>28</sup>	18480	SKF	714675	185312	JEFF	417196 <sup>28</sup>
18285TBJ	TRSCM	5126	1841007	BR-WN	471765 <sup>28</sup>	18487	MASSE	473471	18532LUP	JN-MN	416670
1828719	CHRYS	7216	18412	C-R	471841	18487A	MASSE	473471	18536	C-R	8362
1 828 787	FORD	223750	18412	SKF	471841	18488	C-R	710150	18536	SKF	8362
1828OS	JN-MN	417596	18412LDS	JN-MN	415259 <sup>28</sup>	18488	SKF	710150	18539A	MASSE	471267 <sup>28</sup>
18292VM	TRSCM	6064	18415	C-R	6960	18489	C-R	710143	18539LDS	JN-MN	1979
182992VB	TRSCM	203034 <sup>28</sup>	18415	SKF	6960	18489	SKF	710143	18542LUP	JN-MN	417362 <sup>28,29</sup>
183003TB	TRSCM	473239 <sup>28</sup>	184160	STUDE	5778	18489A	MASSE	470950 <sup>28</sup>	18543	C-R	7934S
183007XX	TIMKE	18X30X7	18419LDS	JN-MN	471831 <sup>28</sup>	18489A	MASSE	6241S	18543	SKF	7934S
18303TB	TRSCM	473457 <sup>28</sup>	184232	JEFF	415991	1848OS	JN-MN	415124 <sup>29</sup>	185433R91	IH	450143
18303VSB	TRSCM	8165	184232	JEFF	455146 <sup>28</sup>	18491	C-R	710596	18544	C-R	2692
1831	CLARK	450593 <sup>28</sup>	184242VAY	TRSCM	291295	18491	SKF	710596	18544	SKF	2692
183105SBP	TRSCM	7216	18425	C-R	473451 <sup>28</sup>	18492	C-R	332062 <sup>29</sup>	1854449	CHRYS	330663
18313SP	TRSCM	6808N	18425	SKF	473451	18492	SKF	332062	1854449	CHRYS	472354 <sup>28</sup>
18314	FAIRB	470045	18426LUP	JN-MN	470354 <sup>29</sup>	184926	HYST	415138 <sup>28</sup>	1854449	GMC	330663
18314	FAIRB	476838 <sup>28</sup>	18440LUP	JN-MN	180X210X15	184947	HYST	416556 <sup>28</sup>	1854449	GMC	472354 <sup>28</sup>
18314PSP	TRSCM	9316	18442	C-R	100552	184947	HYST	472157	18545	C-R	472747 <sup>29</sup>
18319SP	TRSCM	3195	18442	SKF	100552	18496	C-R	224650	18545	SKF	472747
183208XX	TIMKE	18X32X8	18443	C-R	710501	18496	SKF	224650	18546	C-R	2942
183214	CONCA	471413 <sup>28</sup>	18443	SKF	710501	18499	C-R	710660	18546	C-R	4528N
18325	DIVCO	450094	18444	C-R	470331N	18499	SKF	710660	18546	C-R	4528N
18325	DIVCO	473462	18444	SKF	470331N	1849949	GMC	471442 <sup>28</sup>	18546	SKF	2942

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
18546	SKF	4528N	18623	C-R	710388	18708	SKF	5126	18758	C-R	3946
18548	C-R	2692	18623	SKF	710388	18708	SKF	8515N	18758	SKF	3946
18548	SKF	2692	18626	C-R	471868	18708LPD	JN-MN	415077	18759	C-R	710452
18549	C-R	353120	18626	SKF	471868	18709LPD	JN-MN	415116	18759	SKF	710452
18549	SKF	353120	18630	C-R	200752	18700S	JN-MN	415991	18759AB	CASE	455566
18550	C-R	5458	18630	SKF	200752	18700S	JN-MN	455146 <sup>28</sup>	18761	C-R	710557
18550	SKF	5458	186417	HYST	473239 <sup>28</sup>	1871	GOODM	471733	18761	SKF	710557
18551	C-R	5458	186418	HYST	415138 <sup>28</sup>	18710	C-R	2689S	187629	STUDE	473441
18551	SKF	5458	1864750	GMC	470045	18710	SKF	2689S	18763	C-R	710211
18555	C-R	482041N	1864750	GMC	476838 <sup>28</sup>	18711	C-R	473445	18763	SKF	710211
18555	SKF	482041N	1865517	GMC	470059	18711	SKF	473445	18765	C-R	5697
185559	STUDE	470120	1865517	GMC	470380 <sup>28</sup>	18711LPD	JN-MN	417596	18765	SKF	5697
185559	STUDE	471224 <sup>28</sup>	18657	C-R	450117	18715	C-R	710964	1876897C1	IH	710901
185560	STUDE	471750 <sup>28</sup>	18657	C-R	472572 <sup>28,29</sup>	18715	SKF	710964	18769	SIDEW	473214 <sup>28</sup>
18558	C-R	340823	18657	SKF	450117	18718	C-R	710654	18769D	IH	417487
18558	SKF	340823	18657	SKF	472572	18718	SKF	710654	18769D	IH	455014
18558D	IH	473447	18658	C-R	472572 <sup>28</sup>	187189R91	IH	40769S	18770	SIDEW	472179
18559	C-R	2942	18658	SKF	472572	18719	C-R	450082	187705	JEFF	415007
18559	SKF	2942	18659	SPICE	450039	18719	C-R	473238	18770D	IH	470059
1856001	BR-WN	415563	18662	C-R	3946	18719	SKF	450082	18770D	IH	470380 <sup>28</sup>
1856001	BR-WN	417433 <sup>28</sup>	18662	SKF	3946	18719	SKF	473238	18771	C-R	710664
18562	C-R	350936	18671	C-R	473179 <sup>28</sup>	18720LUP	JN-MN	472029	18771	SKF	710664
18562	SKF	350936	18671	SKF	473179	187212R91	IH	450143	18772	C-R	6064
18564LPD	JN-MN	417513	1867150	GMC	470027	18724	C-R	710837	18772	SKF	6064
18565	C-R	350823	1867150	GMC	471554 <sup>28</sup>	18724	SKF	710837	18778LUP	JN-MN	475384 <sup>29</sup>
18565	C-R	473454 <sup>28</sup>	18674K	IH	450043	18725	C-R	100086	18785	C-R	450084 <sup>28,29</sup>
18565	C-R	482041N	18674K	IH	473419	18725	SKF	100086	18785	SKF	450084
18565	SKF	350823	186756X1	IH	416271 <sup>28</sup>	18727	C-R	710337	187863	CUMMI	2291
18565	SKF	473454	18676	C-R	473179 <sup>28</sup>	18727	SKF	710337	187984H1	IH	450519
18565	SKF	482041N	18676	SKF	473179	18720S	JN-MN	327303 <sup>28</sup>	187984H1	IH	471271 <sup>28</sup>
18567X	MASSE	471442 <sup>28</sup>	186761	JEFF	470059	18730	C-R	100712V	18798LUP	JN-MN	481443 <sup>28</sup>
1857001	BR-WN	415447	186761	JEFF	470380 <sup>28</sup>	18730	SKF	100712V	18799LUP	JN-MN	450516
1857002	BR-WN	471424 <sup>28</sup>	186768R91	IH	40769S	18731	C-R	9912	188007	JEFF	455462
1857003	BR-WN	40140S	186769R91	IH	40769S	18731	SKF	9912	1880472	GMC	471466 <sup>28</sup>
1857005	BR-WN	471652	186780	CUMMI	39821	18732	C-R	473238V	1880BAGE	SABO	4564V
185705R91	IH	6638S	186786R91	IH	40769S	18732	C-R	483238V	18810	KOEI	412861
18577	C-R	712692	18687	C-R	4503N	18732	SKF	473238V	18810LUP	JN-MN	225875 <sup>29</sup>
18577	SKF	712692	18687	SKF	4503N	18732	SKF	483238V	1881115	GMC	411376 <sup>28</sup>
18580	C-R	472439	1868OS	JN-MN	416666	18733	C-R	450082	1881115	GMC	455093
18580	SKF	472439	18692	C-R	6712NA	18733	C-R	473238 <sup>28</sup>	18813A	MASSE	473227
1858007	BR-WN	416364 <sup>28</sup>	18692	SKF	6712NA	18733	SKF	450082	18817	C-R	473239 <sup>28</sup>
18581	C-R	472439	18693	C-R	1959	18733	SKF	473238	18817	SKF	473239
18581	SKF	472439	18693	SKF	1959	18734	C-R	473238 <sup>28</sup>	18818	C-R	8165
18584	C-R	472439V	18695	C-R	1959	18734	SKF	473238	18818	SKF	8165
18584	SKF	472439V	18695	C-R	414045 <sup>28,29</sup>	18737	C-R	473238V	188185	US-EL	472015 <sup>28</sup>
185877	HYST	JV1166	18695	SKF	1959	18737	SKF	473238V	188252VC	TRSCM	9049N
18591	C-R	40071S	18695	SKF	414045	18741	C-R	100715V	188282R1	SELAS	5126
18591	SKF	40071S	18697	C-R	5699	18741	SKF	100715V	18833	C-R	7044NA
18592	C-R	331227H	18697	SKF	5699	18747A	HEIL	470712 <sup>28</sup>	18833	SKF	7044NA
18592	SKF	331227H	1869OS	JN-MN	415066	18747A	HERCU	470712 <sup>28</sup>	1884	TIMKE	4990
185X210X13	SIMRT	185X210X13	187	C-R	5092	18750	C-R	473238 <sup>29</sup>	18841	OLIVE	450067
185X210X13SC	TRSCM	185X210X13	187	SKF	5092	18750	SKF	473238	18841	OLIVE	473228
185X210X13TC	TRSCM	185X210X13	18701	C-R	100712V	18752	C-R	473313	18844	C-R	710453
18603	C-R	6985	18701	SKF	100712V	18752	SKF	473313	18844	SKF	710453
18603	SKF	6985	18706	C-R	719316	18757	C-R	482041N	18844D	IH	412473 <sup>28</sup>
1860325M1	MASSE	470334 <sup>28</sup>	18706	SKF	719316	18757	SKF	482041N	18844D	IH	415894
186063	BENDI	415027	1-87061-350-0	ISUZU	370003A	18757	SPICE	340151	18849	C-R	100944
186083	STUDE	450084 <sup>28</sup>	1-87061-350-0	ISUZU	380003A	18757	VIC	340151	18849	SKF	100944
18615	MERIX	473232 <sup>28</sup>	18708	C-R	5126	187571	SPICE	340151	18852	C-R	710481
18615	ROCKW	473232 <sup>28</sup>	18708	C-R	8515N <sup>29</sup>	187572	SPICE	340151	18852	SKF	710481

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
18854	C-R	224840	18900	OLIVE	473234	18971	SKF	710313	18F681D11	HARN	471538 <sup>28</sup>
18854	SKF	224840	189005	JEFF	472354 <sup>28</sup>	18972	C-R	1208	18F681D110	HARN	412871 <sup>28</sup>
1885665	GMC	340771	189005	JEFF	50395S	18972	C-R	48X72X7 <sup>28</sup>	18F681D110	HARN	450329
18857	C-R	710356	18912	C-R	7216	18972	SKF	1208	18F681D111	HARN	417343 <sup>28</sup>
18857	SKF	710356	18912	SKF	7216	18972	SKF	48X72X7	18F681D112	HARN	415007
18860	C-R	4333N	18914LUP	JN-MN	412871 <sup>28</sup>	18973	C-R	224872	18F681D113	HARN	455434
18860	SKF	4333N	18914LUP	JN-MN	450329	18973	SKF	224872	18F681D114	HARN	455151
18862	C-R	710320	18916	C-R	410524 <sup>29</sup>	18974	C-R	224874	18F681D115	HARN	455008
18862	SKF	710320	18916	SKF	410524	18974	SKF	224874	18F681D116	HARN	416664 <sup>28</sup>
188631	US-EL	415327	1891820	FMC	471442 <sup>28</sup>	18979	C-R	224870	18F681D116	HARN	455364
18864	C-R	1188	189210	VICK	8059S	18979	SKF	224870	18F681D117	HARN	417316 <sup>28</sup>
18864	SKF	1188	18922	C-R	451078 <sup>28</sup>	18983	C-R	224979	18F681D117	HARN	455004
1886436	GMC	471137	18922	SKF	451078	18983	SKF	224979	18F681D118	HARN	415960 <sup>28</sup>
18865	C-R	224820	18924	TMTR	340151	18987	C-R	224815	18F681D118	HARN	455009
18865	SKF	224820	189242SB	TRSCM	8704S	18987	SKF	224815	18F681D119	HARN	455005
18866	C-R	710758	189254R91	IH	416130 <sup>28</sup>	18990	C-R	9049N	18F681D12	HARN	471579
18866	SKF	710758	189311R1	IH	471689 <sup>28</sup>	18990	SKF	9049N	18F681D120	HARN	417485
1886996	GMC	240698	18932D	IH	416738 <sup>28</sup>	18991	C-R	48X90X10	18F681D121	HARN	475384
1887083	GMC	450030	18932D	IH	450096	18991	SKF	48X90X10	18F681D122	HARN	417344 <sup>28</sup>
1887083	GMC	474253	189381R91	IH	415060	18992	C-R	9449	18F681D122	HARN	455006
18871	C-R	710960	18930S	JN-MN	415058	18992	SKF	9449	18F681D123	HARN	416921 <sup>28</sup>
18871	SKF	710960	18940S	JN-MN	417536	18994	C-R	714503	18F681D123	HARN	455011
18872	C-R	473457 <sup>28</sup>	1895028	GMC	471765 <sup>28</sup>	18994	SKF	714503	18F681D124	HARN	417134
18872	SKF	473457	18951	C-R	716484	18998	C-R	5208	18F681D125	HARN	416956
18873	C-R	1994	18951	SKF	716484	18998	SKF	5208	18F681D126	HARN	416654 <sup>28</sup>
18873	SKF	1994	18953	C-R	4577	18999	C-R	4333N	18F681D126	HARN	455012
18876	C-R	710255	18953	SKF	4577	18999	SKF	4333N	18F681D127	HARN	417486
18876	SKF	710255	18958	C-R	224820	189V539P1	GE	410312N	18F681D128	HARN	415995 <sup>28</sup>
18877	C-R	716484	18958	SKF	224820	18BX1	TRACS	417491	18F681D128	HARN	455013
18877	SKF	716484	18959	C-R	710167	18BX1	WHITE	417491	18F681D129	HARN	417351 <sup>28</sup>
18878	C-R	710645	18959	SKF	710167	18BX10	TRACS	417357	18F681D129	HARN	455154
18878	SKF	710645	18961	C-R	7105S	18BX10	TRACS	455192 <sup>28</sup>	18F681D130	HARN	417487
18879	C-R	473240	18961	SKF	7105S	18BX10	WHITE	417357	18F681D130	HARN	455014
18879	SKF	473240	18962	C-R	1949	18BX10	WHITE	455192 <sup>28</sup>	18F681D132	HARN	455015
18881	C-R	3195	18962	C-R	48X62X8 <sup>28</sup>	18BX4	WHITE	417316 <sup>28</sup>	18F681D135	HARN	416011
18881	SKF	3195	18962	SKF	1949	18BX4	WHITE	455004	18F681D135	HARN	417621 <sup>28</sup>
188856	HYST	415035	18962	SKF	48X62X8	18BX5	TRACS	415991	18F681D136	HARN	416288 <sup>28</sup>
188856	HYST	415953	18963	C-R	224810	18BX5	TRACS	455146 <sup>28</sup>	18F681D137	HARN	417171 <sup>28</sup>
18888	C-R	6808N	18963	C-R	48X62X8 <sup>28</sup>	18BX5	WHITE	415991	18F681D138	HARN	456105
18888	SKF	6808N	18963	SKF	224810	18BX5	WHITE	455146 <sup>28</sup>	18F681D139	HARN	455336
18889	C-R	715100	18963	SKF	48X62X8	18BX7	TRACS	415219	18F681D14	HARN	470027
18889	SKF	715100	18964	C-R	1956	18BX7	WHITE	415219	18F681D14	HARN	471554 <sup>28</sup>
18891	C-R	9316	18964	SKF	1956	18BX8	TRACS	415124	18F681D140	HARN	455022
18891	SKF	9316	18965	C-R	1973	18BX8	WHITE	415124	18F681D141	HARN	455018
18892	C-R	710661	18965	CLARK	370021A	18BX9	TRACS	417546 <sup>28</sup>	18F681D141	HARN	476470
18892	SKF	710661	18965	SKF	1973	18BX9	WHITE	417546 <sup>28</sup>	18F681D142	HARN	417181 <sup>28</sup>
18896	C-R	719316	189652	CUMMI	5026 <sup>30</sup>	18F681D1	HARN	471442 <sup>28</sup>	18F681D143	HARN	415023
18896	SKF	719316	18966	C-R	1973	18F681D10	HARN	471529	18F681D144	HARN	416292
1889633	ALLCH	473436	18966	SKF	1973	18F681D100	HARN	410825	18F681D145	HARN	415085 <sup>28</sup>
1889633	GMC	473436	18968	C-R	224840 <sup>29</sup>	18F681D102	HARN	411245 <sup>28</sup>	18F681D145	HARN	456648
18897	C-R	710356	18968	SKF	224840	18F681D102	HARN	455096	18F681D146	HARN	455024
18897	SKF	710356	1896RC	SUL	416865 <sup>28</sup>	18F681D103	HARN	417073	18F681D147	HARN	415442 <sup>28</sup>
18898	OLIVE	416125 <sup>28</sup>	1896RC	SUL	455070	18F681D104	HARN	450519	18F681D148	HARN	417191
18898	WHITE	416125 <sup>28</sup>	18970	C-R	1994	18F681D104	HARN	471271 <sup>28</sup>	18F681D149	HARN	415025
18899	C-R	473458 <sup>28</sup>	18970	C-R	48X70X9 <sup>28</sup>	18F681D105	HARN	415449 <sup>28</sup>	18F681D15	HARN	471567 <sup>28</sup>
18899	SKF	473458	18970	C-R	710313 <sup>29</sup>	18F681D105	HARN	455147	18F681D151	HARN	55419
1889A3	DIA	485195H	18970	SKF	1994	18F681D106	HARN	416273 <sup>28</sup>	18F681D152	HARN	455026
1889A3	WHITE	485195H	18970	SKF	48X70X9	18F681D107	HARN	413479	18F681D154	HARN	415991
1-88AX253	MACK	417546 <sup>28</sup>	18970	SKF	710313	18F681D108	HARN	415988	18F681D154	HARN	455146 <sup>28</sup>
18900	OLIVE	450154	18971	C-R	710313	18F681D109	HARN	417481	18F681D155	HARN	417196 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
18F681D156	HARN	415437 <sup>28</sup>	18F681D204	HARN	417526	18F681D254	HARN	416229	18F681D31	HARN	471652
18F681D156	HARN	455173	18F681D205	HARN	327303 <sup>28</sup>	18F681D255	HARN	417298	18F681D31	HARN	482208 <sup>28</sup>
18F681D157	HARN	415027 <sup>28</sup>	18F681D206	HARN	416888 <sup>28</sup>	18F681D256	HARN	415327	18F681D310	HARN	471192
18F681D157	HARN	455027	18F681D206	HARN	455200	18F681D257	HARN	417596	18F681D311	HARN	415196 <sup>28</sup>
18F681D158	HARN	415498	18F681D207	HARN	416153 <sup>28</sup>	18F681D258	HARN	455584	18F681D313	HARN	415991
18F681D159	HARN	417497	18F681D208	HARN	416892 <sup>28</sup>	18F681D259	HARN	416364 <sup>28</sup>	18F681D313	HARN	455146 <sup>28</sup>
18F681D16	HARN	471231 <sup>28</sup>	18F681D209	HARN	417533	18F681D26	HARN	470219	18F681D314	HARN	417211 <sup>28</sup>
18F681D160	HARN	55028	18F681D21	HARN	471646 <sup>28</sup>	18F681D26	HARN	471649 <sup>28</sup>	18F681D315	HARN	470169
18F681D161	HARN	416047	18F681D210	HARN	417534	18F681D260	HARN	416239 <sup>28</sup>	18F681D315	HARN	473214
18F681D161	HARN	416332 <sup>28</sup>	18F681D211	HARN	457585	18F681D261	HARN	416077	18F681D316	HARN	415035 <sup>28</sup>
18F681D162	HARN	415937 <sup>28</sup>	18F681D212	HARN	415371	18F681D262	HARN	415116	18F681D316	HARN	455035
18F681D163	HARN	416125 <sup>28</sup>	18F681D213	HARN	416158	18F681D263	HARN	455117	18F681D317	HARN	450084 <sup>28</sup>
18F681D165	HARN	417501	18F681D214	HARN	415064	18F681D264	HARN	415317	18F681D318	HARN	473243
18F681D166	HARN	55030	18F681D216	HARN	417535	18F681D265	HARN	415867	18F681D319	HARN	473458
18F681D167	HARN	415379 <sup>28</sup>	18F681D217	HARN	417536	18F681D266	HARN	415551	18F681D32	HARN	470189
18F681D167	HARN	455379	18F681D218	HARN	415138 <sup>28</sup>	18F681D267	HARN	417598	18F681D32	HARN	471692 <sup>28</sup>
18F681D168	HARN	416339	18F681D219	HARN	417247 <sup>28</sup>	18F681D268	HARN	455406 <sup>28</sup>	18F681D320	HARN	450121
18F681D168	HARN	455031 <sup>28</sup>	18F681D22	HARN	471571	18F681D27	HARN	471689 <sup>28</sup>	18F681D320	HARN	472409 <sup>28</sup>
18F681D169	HARN	415150 <sup>28</sup>	18F681D220	HARN	415066	18F681D271	HARN	455121	18F681D321	HARN	412861
18F681D17	HARN	450030	18F681D221	HARN	416163	18F681D272	HARN	417600	18F681D322	HARN	411253 <sup>28</sup>
18F681D17	HARN	474253	18F681D222	HARN	456890	18F681D273	HARN	417601	18F681D322	HARN	450099
18F681D171	HARN	455032 <sup>28</sup>	18F681D224	HARN	416167 <sup>28</sup>	18F681D274	HARN	455123	18F681D323	HARN	412473 <sup>28</sup>
18F681D172	HARN	455189	18F681D224	HARN	455091	18F681D276	HARN	415124	18F681D323	HARN	415894
18F681D173	HARN	417210 <sup>28</sup>	18F681D225	HARN	417267	18F681D277	HARN	417022	18F681D324	HARN	470059
18F681D174	HARN	416345 <sup>28</sup>	18F681D226	HARN	417269 <sup>28</sup>	18F681D278	HARN	417603 <sup>28</sup>	18F681D324	HARN	470380 <sup>28</sup>
18F681D174	HARN	455033	18F681D227	HARN	417539 <sup>28</sup>	18F681D28	HARN	480210 <sup>28</sup>	18F681D325	HARN	410987 <sup>28</sup>
18F681D175	HARN	417366 <sup>28</sup>	18F681D228	HARN	417273	18F681D280	HARN	417567	18F681D325	HARN	450103
18F681D176	HARN	415034 <sup>28</sup>	18F681D229	HARN	417540	18F681D281	HARN	415128	18F681D326	HARN	413469 <sup>28</sup>
18F681D176	HARN	455034	18F681D23	HARN	471647	18F681D282	HARN	455129	18F681D327	HARN	471795
18F681D177	HARN	455191	18F681D230	HARN	416865 <sup>28</sup>	18F681D283	HARN	455462	18F681D328	HARN	471820
18F681D178	HARN	417506	18F681D230	HARN	455070	18F681D284	HARN	415090	18F681D329	HARN	415458 <sup>28</sup>
18F681D179	HARN	415187	18F681D231	HARN	417541	18F681D285	HARN	415219	18F681D329	HARN	455003
18F681D18	HARN	471645	18F681D232	HARN	417546 <sup>28</sup>	18F681D286	HARN	417606	18F681D33	HARN	471763
18F681D180	HARN	415035 <sup>28</sup>	18F681D233	HARN	417547	18F681D287	HARN	55078S	18F681D330	HARN	450121
18F681D180	HARN	455035	18F681D234	HARN	417262 <sup>28</sup>	18F681D289	HARN	417605	18F681D330	HARN	472409 <sup>28</sup>
18F681D181	HARN	417357	18F681D234	HARN	455448	18F681D29	HARN	471651	18F681D332	HARN	455129
18F681D181	HARN	455192 <sup>28</sup>	18F681D235	HARN	415645 <sup>28</sup>	18F681D290	HARN	417020	18F681D334	HARN	417509
18F681D182	HARN	415036	18F681D235	HARN	455104	18F681D291	HARN	417570	18F681D335	HARN	417223
18F681D184	HARN	455037	18F681D236	HARN	417551	18F681D292	HARN	415227 <sup>28</sup>	18F681D336	HARN	412943
18F681D186	HARN	415142	18F681D237	HARN	415938	18F681D294	HARN	415482	18F681D338	HARN	471103 <sup>28</sup>
18F681D187	HARN	417512	18F681D238	HARN	417254	18F681D295	HARN	415077	18F681D338	HARN	50197S
18F681D188	HARN	415043	18F681D239	HARN	416107 <sup>28</sup>	18F681D297	HARN	450069	18F681D339	HARN	416282
18F681D189	HARN	455194	18F681D239	HARN	455073	18F681D297	HARN	473232	18F681D34	HARN	470328
18F681D19	HARN	471267 <sup>28</sup>	18F681D24	HARN	472951	18F681D298	HARN	415085 <sup>28</sup>	18F681D34	HARN	481213 <sup>28</sup>
18F681D190	HARN	417513	18F681D24	HARN	474252	18F681D298	HARN	456648	18F681D340	HARN	410102
18F681D191	HARN	417514	18F681D240	HARN	417555 <sup>28</sup>	18F681D299	HARN	415072	18F681D341	HARN	471785 <sup>28</sup>
18F681D192	HARN	455195	18F681D241	HARN	417556	18F681D3	HARN	471472 <sup>28</sup>	18F681D343	HARN	417356 <sup>28</sup>
18F681D192	HARN	472157 <sup>28</sup>	18F681D242	HARN	417362 <sup>28</sup>	18F681D30	HARN	471705 <sup>28</sup>	18F681D343	HARN	455188
18F681D193	HARN	416556 <sup>28</sup>	18F681D243	HARN	416666	18F681D300	HARN	450316	18F681D345	HARN	470354
18F681D193	HARN	472157	18F681D244	HARN	416476 <sup>28</sup>	18F681D300	HARN	472636 <sup>28</sup>	18F681D346	HARN	470605 <sup>28</sup>
18F681D194	HARN	416891 <sup>28</sup>	18F681D244	HARN	455075	18F681D301	HARN	415711	18F681D347	HARN	417511
18F681D195	HARN	415045 <sup>28</sup>	18F681D245	HARN	455297	18F681D302	HARN	471750 <sup>28</sup>	18F681D348	HARN	413246
18F681D196	HARN	455197N	18F681D247	HARN	455330 <sup>28</sup>	18F681D303	HARN	415001 <sup>28</sup>	18F681D348	HARN	413246N
18F681D197	HARN	417520	18F681D248	HARN	457874	18F681D303	HARN	455001	18F681D349	HARN	415077
18F681D198	HARN	416144	18F681D25	HARN	470120	18F681D304	HARN	450104	18F681D35	HARN	473426
18F681D199	HARN	415196 <sup>28</sup>	18F681D25	HARN	471224 <sup>28</sup>	18F681D305	HARN	416865 <sup>28</sup>	18F681D350	HARN	455144
18F681D20	HARN	471570 <sup>28</sup>	18F681D250	HARN	417562	18F681D306	HARN	417491	18F681D351	HARN	415281N
18F681D200	HARN	415047	18F681D252	HARN	417563	18F681D307	HARN	417490	18F681D352	HARN	493291
18F681D201	HARN	416149	18F681D253	HARN	415294 <sup>28</sup>	18F681D308	HARN	415023	18F681D353	HARN	43086S
18F681D203	HARN	417525	18F681D253	HARN	455294	18F681D309	HARN	415021	18F681D355	HARN	415259 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
18F681D356	HARN	470682	18F681D65	HARN	450183	18F682D11	HARN	471538 <sup>2B</sup>	18F682D153	HARN	416047
18F681D357	HARN	416404 <sup>2B</sup>	18F681D65	HARN	472179	18F682D110	HARN	455434	18F682D153	HARN	416332 <sup>2B</sup>
18F681D358	HARN	417172	18F681D66	HARN	450291	18F682D111	HARN	455151	18F682D154	HARN	415937 <sup>2B</sup>
18F681D359	HARN	417158 <sup>2B</sup>	18F681D66	HARN	471141 <sup>2B</sup>	18F682D112	HARN	455008	18F682D155	HARN	416125 <sup>2B</sup>
18F681D359	HARN	455355	18F681D67	HARN	472070	18F682D113	HARN	416664 <sup>2B</sup>	18F682D156	HARN	417501
18F681D36	HARN	474255	18F681D68	HARN	450118	18F682D113	HARN	455364	18F682D158	HARN	415379 <sup>2B</sup>
18F681D360	HARN	418028	18F681D68	HARN	473449	18F682D114	HARN	417316 <sup>2B</sup>	18F682D158	HARN	455379
18F681D360	HARN	455137 <sup>2B</sup>	18F681D69	HARN	473450	18F682D114	HARN	455004	18F682D159	HARN	416339
18F681D361	HARN	55353	18F681D7	HARN	471466 <sup>2B</sup>	18F682D115	HARN	415960 <sup>2B</sup>	18F682D159	HARN	455031 <sup>2B</sup>
18F681D362	HARN	40071S	18F681D70	HARN	472439	18F682D115	HARN	455009	18F682D16	HARN	471231 <sup>2B</sup>
18F681D364	HARN	417211 <sup>2B</sup>	18F681D71	HARN	450082	18F682D116	HARN	455005	18F682D160	HARN	415150 <sup>2B</sup>
18F681D367	HARN	46997S	18F681D71	HARN	473238	18F682D117	HARN	417485	18F682D161	HARN	455032 <sup>2B</sup>
18F681D372	HARN	417350 <sup>2B</sup>	18F681D72	HARN	473457 <sup>2B</sup>	18F682D118	HARN	475384	18F682D162	HARN	455189
18F681D372	HARN	455479	18F681D75	HARN	472144 <sup>2B</sup>	18F682D119	HARN	417344 <sup>2B</sup>	18F682D163	HARN	416345 <sup>2B</sup>
18F681D375	HARN	450094	18F681D76	HARN	473460	18F682D119	HARN	455006	18F682D163	HARN	455033
18F681D375	HARN	473462	18F681D77	HARN	471391 <sup>2B</sup>	18F682D12	HARN	471579	18F682D164	HARN	417366 <sup>2B</sup>
18F681D377	HARN	40169S	18F681D78	HARN	352541	18F682D120	HARN	416921 <sup>2B</sup>	18F682D165	HARN	417366 <sup>2B</sup>
18F681D379	HARN	450867	18F681D79	HARN	450083	18F682D120	HARN	455011	18F682D166	HARN	415034 <sup>2B</sup>
18F681D379	HARN	470898	18F681D79	HARN	472924 <sup>2B</sup>	18F682D121	HARN	417134	18F682D166	HARN	455034
18F681D38	HARN	470163	18F681D80	HARN	450085	18F682D122	HARN	416956	18F682D167	HARN	455191
18F681D38	HARN	471766 <sup>2B</sup>	18F681D80	HARN	470530 <sup>2B</sup>	18F682D123	HARN	416654 <sup>2B</sup>	18F682D168	HARN	417506
18F681D380	HARN	470334 <sup>2B</sup>	18F681D81	HARN	450301	18F682D123	HARN	455012	18F682D169	HARN	415035 <sup>2B</sup>
18F681D381	HARN	415482	18F681D81	HARN	472397 <sup>2B</sup>	18F682D124	HARN	417486	18F682D169	HARN	455035
18F681D383	HARN	415142	18F681D83	HARN	451948	18F682D125	HARN	415995 <sup>2B</sup>	18F682D17	HARN	450030
18F681D39	HARN	471801 <sup>2B</sup>	18F681D84	HARN	472012	18F682D125	HARN	455013	18F682D17	HARN	474253
18F681D4	HARN	471281 <sup>2B</sup>	18F681D85	HARN	450311	18F682D126	HARN	417351 <sup>2B</sup>	18F682D170	HARN	417357
18F681D40	HARN	470050	18F681D86	HARN	450365	18F682D126	HARN	455154	18F682D170	HARN	455192 <sup>2B</sup>
18F681D42	HARN	471801 <sup>2B</sup>	18F681D86	HARN	470898 <sup>2B</sup>	18F682D127	HARN	417487	18F682D171	HARN	415036
18F681D43	HARN	472826 <sup>2B</sup>	18F681D87	HARN	472015 <sup>2B</sup>	18F682D127	HARN	455014	18F682D173	HARN	455037
18F681D44	HARN	473211 <sup>2B</sup>	18F681D88	HARN	410312N	18F682D129	HARN	455015	18F682D175	HARN	415142
18F681D45	HARN	473213 <sup>2B</sup>	18F681D89	HARN	472234	18F682D131	HARN	416011	18F682D176	HARN	417512
18F681D46	HARN	472287 <sup>2B</sup>	18F681D9	HARN	471255 <sup>2B</sup>	18F682D131	HARN	417621 <sup>2B</sup>	18F682D177	HARN	415043
18F681D47	HARN	473215 <sup>2B</sup>	18F681D90	HARN	473245 <sup>2B</sup>	18F682D132	HARN	416288 <sup>2B</sup>	18F682D178	HARN	455194
18F681D48	HARN	450444	18F681D92	HARN	450441	18F682D133	HARN	417171 <sup>2B</sup>	18F682D179	HARN	417513
18F681D48	HARN	471835 <sup>2B</sup>	18F681D92	HARN	471341 <sup>2B</sup>	18F682D134	HARN	456105	18F682D18	HARN	471645
18F681D49	HARN	473016 <sup>2B</sup>	18F681D93	HARN	411376 <sup>2B</sup>	18F682D135	HARN	455336	18F682D180	HARN	417514
18F681D5	HARN	471535 <sup>2B</sup>	18F681D93	HARN	455093	18F682D136	HARN	455022	18F682D181	HARN	455195
18F681D50	HARN	473225 <sup>2B</sup>	18F681D94	HARN	55337	18F682D137	HARN	455018	18F682D181	HARN	472157 <sup>2B</sup>
18F681D51	HARN	473437	18F681D95	HARN	411394 <sup>2B</sup>	18F682D137	HARN	476470	18F682D182	HARN	416556 <sup>2B</sup>
18F681D52	HARN	473227	18F681D95	HARN	450317	18F682D138	HARN	417181 <sup>2B</sup>	18F682D182	HARN	472157
18F681D53	HARN	450067	18F681D96	HARN	410694 <sup>2B</sup>	18F682D139	HARN	415023	18F682D183	HARN	416891 <sup>2B</sup>
18F681D53	HARN	473228	18F681D97	HARN	416444	18F682D14	HARN	470027	18F682D184	HARN	415045 <sup>2B</sup>
18F681D54	HARN	470077	18F681D98	HARN	412119 <sup>2B</sup>	18F682D14	HARN	471554 <sup>2B</sup>	18F682D185	HARN	455197N
18F681D54	HARN	474281 <sup>2B</sup>	18F681D98	HARN	450101	18F682D140	HARN	455024	18F682D186	HARN	417520
18F681D55	HARN	472213	18F681D99	HARN	416271 <sup>2B</sup>	18F682D141	HARN	417191	18F682D187	HARN	416144
18F681D56	HARN	450185	18F682D1	HARN	471442 <sup>2B</sup>	18F682D142	HARN	415025	18F682D188	HARN	415196 <sup>2B</sup>
18F681D56	HARN	473229	18F682D10	HARN	471529	18F682D143	HARN	55419	18F682D189	HARN	415047
18F681D57	HARN	473441	18F682D100	HARN	417073	18F682D144	HARN	455026	18F682D19	HARN	471267 <sup>2B</sup>
18F681D58	HARN	450066	18F682D101	HARN	450519	18F682D145	HARN	415991	18F682D190	HARN	416149
18F681D58	HARN	473367 <sup>2B</sup>	18F682D101	HARN	471271 <sup>2B</sup>	18F682D145	HARN	455146 <sup>2B</sup>	18F682D192	HARN	417525
18F681D59	HARN	450194	18F682D102	HARN	415449 <sup>2B</sup>	18F682D146	HARN	415991	18F682D193	HARN	417526
18F681D59	HARN	473010	18F682D102	HARN	455147	18F682D146	HARN	455146 <sup>2B</sup>	18F682D194	HARN	416888 <sup>2B</sup>
18F681D6	HARN	471551 <sup>2B</sup>	18F682D103	HARN	416273 <sup>2B</sup>	18F682D147	HARN	417196 <sup>2B</sup>	18F682D194	HARN	455200
18F681D60	HARN	474274	18F682D104	HARN	413479	18F682D148	HARN	415437	18F682D195	HARN	416153 <sup>2B</sup>
18F681D61	HARN	450154	18F682D105	HARN	415988	18F682D149	HARN	415027 <sup>2B</sup>	18F682D196	HARN	416892 <sup>2B</sup>
18F681D61	HARN	473234	18F682D106	HARN	417481	18F682D149	HARN	455027	18F682D197	HARN	417533
18F681D62	HARN	473235 <sup>2B</sup>	18F682D107	HARN	412871 <sup>2B</sup>	18F682D15	HARN	471567 <sup>2B</sup>	18F682D198	HARN	417534
18F681D63	HARN	473236 <sup>2B</sup>	18F682D107	HARN	450329	18F682D150	HARN	415498	18F682D199	HARN	457585
18F681D64	HARN	450070	18F682D108	HARN	417343 <sup>2B</sup>	18F682D151	HARN	417497	18F682D200	HARN	471570 <sup>2B</sup>
18F681D64	HARN	472185 <sup>2B</sup>	18F682D109	HARN	415007	18F682D152	HARN	55028	18F682D200	HARN	415371

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
18F682D201	HARN	416158	18F682D251	HARN	415867	18F682D309	HARN	417492	18F682D383	HARN	471795
18F682D202	HARN	415064	18F682D252	HARN	415551	18F682D31	HARN	471652	18F682D384	HARN	472826 <sup>28</sup>
18F682D204	HARN	417535	18F682D253	HARN	417598	18F682D310	HARN	415351 <sup>28</sup>	18F682D385	HARN	471192
18F682D205	HARN	417536	18F682D254	HARN	455406 <sup>28</sup>	18F682D311	HARN	415196 <sup>28</sup>	18F682D386	HARN	470169
18F682D206	HARN	415138 <sup>28</sup>	18F682D256	HARN	455121	18F682D313	HARN	455476	18F682D386	HARN	473214
18F682D207	HARN	417247 <sup>28</sup>	18F682D257	HARN	417600	18F682D314	HARN	417354 <sup>28</sup>	18F682D387	HARN	471820
18F682D208	HARN	415066	18F682D258	HARN	417601	18F682D315	HARN	417357	18F682D388	HARN	470682
18F682D209	HARN	416163	18F682D259	HARN	417602 <sup>28</sup>	18F682D315	HARN	455192 <sup>28</sup>	18F682D389	HARN	450084 <sup>28</sup>
18F682D21	HARN	471646 <sup>28</sup>	18F682D26	HARN	470219	18F682D316	HARN	415142	18F682D390	HARN	473458
18F682D210	HARN	456890	18F682D26	HARN	471649 <sup>28</sup>	18F682D317	HARN	457874	18F682D391	HARN	450094
18F682D211	HARN	416167 <sup>28</sup>	18F682D260	HARN	415124	18F682D32	HARN	470189	18F682D391	HARN	473462
18F682D211	HARN	455091	18F682D261	HARN	415124	18F682D32	HARN	471692 <sup>28</sup>	18F682D392	HARN	410102
18F682D212	HARN	417267	18F682D262	HARN	417022	18F682D321	HARN	417158 <sup>28</sup>	18F682D393	HARN	450121
18F682D213	HARN	417269 <sup>28</sup>	18F682D263	HARN	417604	18F682D321	HARN	455355	18F682D393	HARN	472409 <sup>28</sup>
18F682D214	HARN	417539 <sup>28</sup>	18F682D264	HARN	415128	18F682D322	HARN	417171 <sup>28</sup>	18F682D394	HARN	473243
18F682D215	HARN	417273	18F682D265	HARN	455129	18F682D323	FUNK	415379 <sup>28</sup>	18F682D395	HARN	413469 <sup>28</sup>
18F682D216	HARN	417540	18F682D266	HARN	455129	18F682D323	FUNK	455379	18F682D396	HARN	470354
18F682D217	HARN	416865 <sup>28</sup>	18F682D267	HARN	455462	18F682D323	HARN	415379 <sup>28</sup>	18F682D397	HARN	412943
18F682D217	HARN	455070	18F682D268	HARN	415090	18F682D323	HARN	455379	18F682D398	HARN	411253 <sup>28</sup>
18F682D218	HARN	417541	18F682D269	HARN	415219	18F682D325	HARN	413246	18F682D398	HARN	450099
18F682D219	HARN	417546 <sup>28</sup>	18F682D27	HARN	471689 <sup>28</sup>	18F682D325	HARN	413246N	18F682D399	HARN	415259 <sup>28</sup>
18F682D22	HARN	471571	18F682D271	HARN	55078S	18F682D326	HARN	55353	18F682D4	HARN	471281 <sup>28</sup>
18F682D220	HARN	417547	18F682D273	HARN	417605	18F682D327	HARN	415871	18F682D40	HARN	471801 <sup>28</sup>
18F682D221	HARN	417262 <sup>28</sup>	18F682D274	HARN	417020	18F682D328	HARN	415991	18F682D400	HARN	410987 <sup>28</sup>
18F682D221	HARN	455448	18F682D275	HARN	417570	18F682D328	HARN	455146 <sup>28</sup>	18F682D400	HARN	450103
18F682D222	HARN	415645 <sup>28</sup>	18F682D278	HARN	415482	18F682D329	HARN	412473 <sup>28</sup>	18F682D401	HARN	412861
18F682D222	HARN	455104	18F682D28	HARN	480210 <sup>28</sup>	18F682D329	HARN	415894	18F682D402	HARN	415001 <sup>28</sup>
18F682D223	HARN	417551	18F682D280	HARN	417608	18F682D33	HARN	471763	18F682D402	HARN	455001
18F682D224	HARN	415938	18F682D282	HARN	415725 <sup>28</sup>	18F682D330	HARN	417511	18F682D403	HARN	415458 <sup>28</sup>
18F682D225	HARN	417254	18F682D283	HARN	415984 <sup>28</sup>	18F682D332	HARN	417362 <sup>28</sup>	18F682D404	HARN	455144
18F682D226	HARN	416107 <sup>28</sup>	18F682D284	HARN	416404 <sup>28</sup>	18F682D333	HARN	413247 <sup>28</sup>	18F682D405	HARN	417349 <sup>28</sup>
18F682D226	HARN	455073	18F682D285	HARN	415072	18F682D333	HARN	450350	18F682D406	HARN	417350 <sup>28</sup>
18F682D227	HARN	417555 <sup>28</sup>	18F682D286	HARN	415041	18F682D334	HARN	417172	18F682D407	HARN	415021
18F682D228	HARN	417556	18F682D289	HARN	415483 <sup>28</sup>	18F682D335	HARN	417603 <sup>28</sup>	18F682D408	HARN	417491
18F682D229	HARN	417362 <sup>28</sup>	18F682D289	HARN	455368	18F682D336	HARN	450069	18F682D409	HARN	418029 <sup>28</sup>
18F682D23	HARN	471647	18F682D29	HARN	471651	18F682D336	HARN	473232	18F682D409	HARN	455499
18F682D230	HARN	416666	18F682D290	HARN	470163	18F682D337	HARN	416154 <sup>28</sup>	18F682D410	HARN	416624 <sup>28</sup>
18F682D231	HARN	416476 <sup>28</sup>	18F682D290	HARN	471766 <sup>28</sup>	18F682D338	HARN	455480 <sup>28</sup>	18F682D412	HARN	417356 <sup>28</sup>
18F682D231	HARN	455075	18F682D291	HARN	456141	18F682D339	HARN	240356	18F682D413	HARN	417509
18F682D232	HARN	455297	18F682D292	HARN	415482	18F682D34	HARN	473426	18F682D414	HARN	417223
18F682D233	HARN	415072	18F682D293	HARN	450316	18F682D340	HARN	240735	18F682D415	HARN	455129
18F682D234	HARN	455330 <sup>28</sup>	18F682D293	HARN	472636 <sup>28</sup>	18F682D341	HARN	240733	18F682D416	HARN	415090
18F682D236	HARN	417562	18F682D294	HARN	417134	18F682D343	HARN	417608	18F682D419	HARN	416292
18F682D238	HARN	417563	18F682D296	HARN	472015 <sup>28</sup>	18F682D346	HARN	340724 <sup>28</sup>	18F682D42	HARN	473211 <sup>28</sup>
18F682D239	HARN	415294 <sup>28</sup>	18F682D297	HARN	455191	18F682D347	HARN	340495	18F682D43	HARN	473213 <sup>28</sup>
18F682D239	HARN	455294	18F682D298	HARN	450082	18F682D349	HARN	455194	18F682D434	HARN	470077
18F682D24	HARN	472951	18F682D298	HARN	473238	18F682D35	HARN	474255	18F682D434	HARN	474281 <sup>28</sup>
18F682D24	HARN	474252	18F682D299	HARN	417604	18F682D356	HARN	415196 <sup>28</sup>	18F682D435	HARN	450867
18F682D240	HARN	416229	18F682D3	HARN	471472 <sup>28</sup>	18F682D36	HARN	470163	18F682D435	HARN	470898
18F682D241	HARN	417298	18F682D30	HARN	471705 <sup>28</sup>	18F682D36	HARN	471766 <sup>28</sup>	18F682D436	HARN	410190
18F682D242	HARN	415327	18F682D301	HARN	450362	18F682D363	HARN	470380 <sup>28</sup>	18F682D437	HARN	450494
18F682D244	HARN	455584	18F682D302	HARN	471688	18F682D364	HARN	472179	18F682D437	HARN	472164 <sup>28</sup>
18F682D245	HARN	416364 <sup>28</sup>	18F682D305	HARN	470548	18F682D37	HARN	471801 <sup>28</sup>	18F682D44	HARN	472287 <sup>28</sup>
18F682D246	HARN	416239 <sup>28</sup>	18F682D305	HARN	470625 <sup>28</sup>	18F682D375	HARN	417488 <sup>28</sup>	18F682D45	HARN	473215 <sup>28</sup>
18F682D247	HARN	416077	18F682D306	HARN	416706 <sup>28</sup>	18F682D376	HARN	417210 <sup>28</sup>	18F682D46	HARN	450444
18F682D248	HARN	415116	18F682D306	HARN	455272	18F682D378	HARN	472354 <sup>28</sup>	18F682D46	HARN	471835 <sup>28</sup>
18F682D249	HARN	455117	18F682D307	HARN	415085 <sup>28</sup>	18F682D378	HARN	50395S	18F682D47	HARN	473016 <sup>28</sup>
18F682D25	HARN	470120	18F682D307	HARN	456648	18F682D38	HARN	470050	18F682D48	HARN	473225 <sup>28</sup>
18F682D25	HARN	471224 <sup>28</sup>	18F682D308	HARN	418028	18F682D381	HARN	471785 <sup>28</sup>	18F682D49	HARN	473437
18F682D250	HARN	415317	18F682D308	HARN	455137 <sup>28</sup>	18F682D382	HARN	471750 <sup>28</sup>	18F682D5	HARN	471535 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
18F682D50	HARN	473227	18F682D92	HARN	411394 <sup>28</sup>	18Z715D6	HARN	415013	19015047B	CORTE	1950
18F682D51	HARN	450067	18F682D92	HARN	450317	18Z715D6	HARN	415995 <sup>28</sup>	19015048	CORTE	1981
18F682D51	HARN	473228	18F682D93	HARN	410694 <sup>28</sup>	18Z715D8	HARN	416892 <sup>28</sup>	19015048B	CORTE	1981
18F682D52	HARN	470077	18F682D94	HARN	416444	18Z715D9	HARN	416107 <sup>28</sup>	19015049	CORTE	710109
18F682D52	HARN	474281 <sup>28</sup>	18F682D95	HARN	412119 <sup>28</sup>	18Z728	HARN	417603 <sup>28</sup>	19015049B	CORTE	710109
18F682D53	HARN	472213	18F682D95	HARN	450101	18Z778	HARN	415725 <sup>28</sup>	19015050	CORTE	224820
18F682D54	HARN	450185	18F682D96	HARN	416271 <sup>28</sup>	19000	C-R	8704S	19015050B	CORTE	224820
18F682D54	HARN	473229	18F682D97	HARN	410825	19000	SKF	8704S	19015054	CORTE	226285
18F682D55	HARN	473441	18F682D98	HARN	411500	1900-016-002	WARNR	4503N	19015054B	CORTE	226285
18F682D56	HARN	450066	18F682D99	HARN	411245 <sup>28</sup>	1900-044-009	WARNR	710403	19015056	CORTE	1959
18F682D56	HARN	473367 <sup>28</sup>	18F682D99	HARN	455096	1900-044-009A	WARNR	710403	19015056B	CORTE	1959
18F682D57	HARN	450194	18F689D1	HARN	417488 <sup>28</sup>	1900-044-011	WARNE	710690	19015059	CORTE	222535
18F682D57	HARN	473010	18F689D10	HARN	475009N	1900-044-011A	WARNE	710690	19015059B	CORTE	222535
18F682D58	HARN	474274	18F689D11	HARN	5857	1900-044-012	WARNR	4333N	19015061	CORTE	224015
18F682D59	HARN	450154	18F689D4	HARN	415001 <sup>28</sup>	1900-044-013	WARNR	4503N	19015061B	CORTE	224015
18F682D59	HARN	473234	18F689D4	HARN	455001	1900-044-016	WARNE	710725	19015065	CORTE	1176
18F682D6	HARN	471551 <sup>28</sup>	18F689D7	HARN	416865 <sup>28</sup>	1900-044-019	BORGW	710664	19015065B	CORTE	1176
18F682D60	HARN	473235 <sup>28</sup>	18F689D8	HARN	415371	1900-044-019	WARNR	710664	19015067	CORTE	1948
18F682D61	HARN	473236 <sup>28</sup>	18F728	HARN	417603 <sup>28</sup>	19-00-044-021	WARNR	3946	19015067B	CORTE	1948
18F682D62	HARN	450070	18G20	OSHKO	415023	19-00-044-022	BORGW	710682	19015073	CORTE	710323
18F682D62	HARN	472185 <sup>28</sup>	18T12	ATHEY	415960 <sup>28</sup>	19-00-044-027	BORGW	710682	19015073B	CORTE	710323
18F682D63	HARN	450183	18T12	ATHEY	455009	19-00-044-027A	BORGW	710682	19015074	CORTE	1213N
18F682D63	HARN	472179	18UV-0653	WHITE	473215 <sup>28</sup>	19-00-044-027D	BORGW	710682	19015074B	CORTE	1213N
18F682D64	HARN	450291	18UVA0653	WHITE	450593 <sup>28</sup>	19-00-044-028	WARNR	710651	19015076	CORTE	710320
18F682D64	HARN	471141 <sup>28</sup>	18X021015XX	TIMKE	180X210X15	19-00-044-028-A	WARNR	710651	19015076B	CORTE	710320
18F682D65	HARN	472070	18X30X7	TIMKE	18X30X7	1900-044-029	BORGW	710659	19015081	CORTE	1196
18F682D66	HARN	450118	18X30X7SC	TRSCM	18X30X7 <sup>28</sup>	1900-044-029-B	BORGW	710659	19015081B	CORTE	1196
18F682D66	HARN	473449	18X30X7TC	TRSCM	18X30X7 <sup>28</sup>	1900-044-030	BORGW	4503N	19015082	CORTE	712007
18F682D67	HARN	473450	18X32X8	TIMKE	18X32X8	1900-044-032	BORGW	710798	19015082B	CORTE	712007
18F682D68	HARN	472439	18X32X8SC	TRSCM	18X32X8	1900-044-035	WARNE	710725	19015083	CORTE	3771
18F682D69	HARN	450082	18X32X8TC	TRSCM	18X32X8	1900-044-036	WARNE	710726	19015083B	CORTE	3771
18F682D69	HARN	473238	18X35X7	FORSH	18X35X7	1900-044-041	BORGW	710658	19015085	CORTE	2025
18F682D7	HARN	471466 <sup>28</sup>	18X35X7	SIMRT	18X35X7	1900-044-048	WARNE	710726	19015085B	CORTE	2025
18F682D70	HARN	473457 <sup>28</sup>	18X35X7	TIMKE	18X35X7	1900-044-050	BORGW	710659	19015088	CORTE	223608
18F682D72	HARN	473457 <sup>28</sup>	18X35X7SC	TRSCM	18X35X7	19-00-044-054	WARNR	710742	19015088B	CORTE	223608
18F682D73	HARN	472144 <sup>28</sup>	18X35X7TC	TRSCM	18X35X7	1900-044-056	BORGW	710659	19015090	CORTE	4359V
18F682D74	HARN	473460	18X38X7	TIMKE	18X38X7	1900-044-058	BORGW	710798	19015090B	CORTE	4359V
18F682D75	HARN	471391 <sup>28</sup>	18X38X7SC	TRSCM	18X38X7	1900-044-066	BORGW	710953	19015091	CORTE	228013
18F682D76	HARN	450083	18X38X7TC	TRSCM	18X38X7	19003	ONAN	470358	19015091B	CORTE	228013
18F682D76	HARN	472924 <sup>28</sup>	18X512013XX	TIMKE	185X210X13	19003	ONAN	473231 <sup>28</sup>	19015092	CORTE	227045
18F682D77	HARN	450085	18Z1202	HARN	40555	1900420	GMC	471558	19015092B	CORTE	227045
18F682D77	HARN	470530 <sup>28</sup>	18Z1202	HARN	40555 <sup>28</sup>	19010	C-R	5573 <sup>30</sup>	19015514	CORTE	223831
18F682D78	HARN	450301	18Z1583D1	HARN	471652	19010	SKF	5573	19015514B	CORTE	223831
18F682D78	HARN	472397 <sup>28</sup>	18Z1583D2	HARN	410163	19011	C-R	5573 <sup>30</sup>	19015593	CORTE	1126
18F682D79	HARN	473463	18Z1583D2	HARN	471766 <sup>28</sup>	19011	SKF	5573	19015593B	CORTE	1126
18F682D80	HARN	451948	18Z1583D3	HARN	471795	190119	BR-ST	240356	19016068	CORTE	710598
18F682D81	HARN	472012	18Z1583D5	HARN	473228 <sup>28</sup>	19012	C-R	5573	19016068B	CORTE	710598
18F682D82	HARN	450311	18Z1600D2	HARN	340724 <sup>28</sup>	19012	SKF	5573	19016236	CORTE	228005
18F682D83	HARN	450365	18Z1601D1	HARN	240356	19012498	CORTE	710334	19016236B	CORTE	228005
18F682D83	HARN	470898 <sup>28</sup>	18Z1754D2	HARN	493291	19012498B	CORTE	710334	19016459	CORTE	222835
18F682D84	HARN	472015 <sup>28</sup>	18Z2250	FUNK	471984	19012585	CORTE	224460	19016459B	CORTE	222835
18F682D85	HARN	410312N	18Z23	HARN	415351 <sup>28</sup>	19012585B	CORTE	224460	19016482	CORTE	222743
18F682D86	HARN	472234	18Z2555D36	HARN	410102	19013	C-R	6815	19016482B	CORTE	222743
18F682D87	HARN	473245 <sup>28</sup>	18Z410	HARN	417022	19013	SKF	6815	19016483	CORTE	710329
18F682D88	HARN	413472	18Z715D1	HARN	417546 <sup>28</sup>	19013084	CORTE	225040	19016483B	CORTE	710329
18F682D89	HARN	450441	18Z715D12	HARN	415124	19013084B	CORTE	225040	19016485	CORTE	1120
18F682D89	HARN	471341 <sup>28</sup>	18Z715D13	HARN	415009	19014	SUPER	416271 <sup>28</sup>	19016485B	CORTE	1120
18F682D9	HARN	471255 <sup>28</sup>	18Z715D13	HARN	415960 <sup>28</sup>	19015037	CORTE	1959	19016486	CORTE	320595
18F682D90	HARN	411376 <sup>28</sup>	18Z715D15	HARN	417211 <sup>28</sup>	19015037B	CORTE	1959	19016486B	CORTE	320595
18F682D90	HARN	455093	18Z715D23	FUNK	417365	19015047	CORTE	1950	19016488	CORTE	228015

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19016488B	CORTE	228015	19016535B	CORTE	223801	19016580B	CORTE	1975	19016627B	CORTE	223552
19016489	CORTE	1936	19016537	CORTE	710345	19016581	CORTE	224235	19016630	CORTE	221820
19016489B	CORTE	1936	19016537B	CORTE	710345	19016581B	CORTE	224235	19016630B	CORTE	221820
19016491	CORTE	1943	19016538	CORTE	224820	19016582	CORTE	1975	19016631	CORTE	710325
19016491B	CORTE	1943	19016538B	CORTE	224820	19016582B	CORTE	1975	19016631B	CORTE	710325
19016492	CORTE	710337	19016540	CORTE	227550	19016585	CORTE	224660	19016632	CORTE	221510
19016492B	CORTE	710337	19016540B	CORTE	227550	19016585B	CORTE	224660	19016632B	CORTE	221510
19016493	CORTE	710148	19016541	CORTE	228010	19016586	CORTE	1940	19016634	CORTE	320603
19016493B	CORTE	710148	19016541B	CORTE	228010	19016586B	CORTE	1940	19016634B	CORTE	320603
19016494	CORTE	494117	19016542	CORTE	716102	19016590	CORTE	224255	19016635	CORTE	223010
19016494B	CORTE	494117	19016542B	CORTE	716102	19016590B	CORTE	224255	19016635B	CORTE	223010
19016495	CORTE	710097	19016543	CORTE	229010	19016592	CORTE	224465	19016636	CORTE	710110
19016495B	CORTE	710097	19016543B	CORTE	229010	19016592B	CORTE	224465	19016636B	CORTE	710110
19016497	CORTE	473367	19016545	CORTE	228410	19016593	CORTE	710325	19016637	CORTE	223540
19016497B	CORTE	473367	19016545B	CORTE	228410	19016593B	CORTE	710325	19016637B	CORTE	223540
19016499	CORTE	710311	19016548	CORTE	222410	19016594	CORTE	221710	19016638	CORTE	1987
19016499B	CORTE	710311	19016548B	CORTE	222410	19016594B	CORTE	221710	19016638B	CORTE	1987
19016501	CORTE	710323	19016551	CORTE	717005	19016595	CORTE	710894	19016639	CORTE	1177
19016501B	CORTE	710323	19016551B	CORTE	717005	19016595B	CORTE	710894	19016639B	CORTE	1177
19016502	CORTE	1973	19016555	CORTE	223253	19016597	CORTE	224840	19016640	CORTE	223842
19016502B	CORTE	1973	19016555B	CORTE	223253	19016597B	CORTE	224840	19016640B	CORTE	223842
19016503	CORTE	228250	19016556	CORTE	710306	19016598	CORTE	228005	19016641	CORTE	710711
19016503B	CORTE	228250	19016556B	CORTE	710306	19016598B	CORTE	228005	19016641B	CORTE	710711
19016504	CORTE	229010	19016558	CORTE	710315	19016600	CORTE	223750	19016642	CORTE	710319
19016504B	CORTE	229010	19016558B	CORTE	710315	19016600B	CORTE	223750	19016642B	CORTE	710319
19016505	CORTE	1955	19016559	CORTE	223553	19016601	CORTE	222025	19016643	CORTE	1180
19016505B	CORTE	1955	19016559B	CORTE	223553	19016601B	CORTE	222025	19016643B	CORTE	1180
19016506	CORTE	494122	19016560	CORTE	224045	19016602	CORTE	2007N	19016644	CORTE	1180
19016506B	CORTE	494122	19016560B	CORTE	224045	19016602B	CORTE	2007N	19016644B	CORTE	1180
19016507	CORTE	224100	19016561	CORTE	223580	19016605	CORTE	228010	19016645	CORTE	224210
19016507B	CORTE	224100	19016561B	CORTE	223580	19016605B	CORTE	228010	19016645B	CORTE	224210
19016508	CORTE	4989	19016562	CORTE	710336	19016606	CORTE	710255	19016646	CORTE	224874
19016508B	CORTE	4989	19016562B	CORTE	710336	19016606B	CORTE	710255	19016646B	CORTE	224874
19016509	CORTE	225010	19016563	CORTE	1147	19016607	CORTE	239146	19016647	CORTE	710187
19016509B	CORTE	225010	19016563B	CORTE	1147	19016607B	CORTE	239146	19016647B	CORTE	710187
19016510	CORTE	225875	19016564	CORTE	1036	19016608	CORTE	223340	19016648	CORTE	4898
19016510B	CORTE	225875	19016564B	CORTE	1036	19016608B	CORTE	223340	19016648B	CORTE	4898
19016511	CORTE	224460	19016565	CORTE	712551	19016609	CORTE	710324	19016649	CORTE	1955
19016511B	CORTE	224460	19016565B	CORTE	712551	19016609B	CORTE	710324	19016649B	CORTE	1955
19016512	CORTE	227235	19016566	CORTE	224063	19016610	CORTE	226018	19016650	CORTE	4899
19016512B	CORTE	227235	19016566B	CORTE	224063	19016610B	CORTE	226018	19016650B	CORTE	4899
19016513	CORTE	228005	19016568	CORTE	3771	19016611	CORTE	710124	19016651	CORTE	1993
19016513B	CORTE	228005	19016568B	CORTE	3771	19016611B	CORTE	710124	19016651B	CORTE	1993
19016517	CORTE	223602	19016570	CORTE	228008	19016613	CORTE	710598	19016653	CORTE	229210
19016517B	CORTE	223602	19016570B	CORTE	228008	19016613B	CORTE	710598	19016653B	CORTE	229210
19016518	CORTE	2002	19016571	CORTE	1953	19016614	CORTE	710133	19016654	CORTE	1012N
19016518B	CORTE	2002	19016571B	CORTE	1953	19016614B	CORTE	710133	19016654B	CORTE	1012N
19016525	CORTE	224255	19016572	CORTE	224020	19016616	CORTE	1012N	19016655	CORTE	222430
19016525B	CORTE	224255	19016572B	CORTE	224020	19016616B	CORTE	1012N	19016655B	CORTE	222430
19016529	CORTE	223235	19016573	CORTE	227020	19016617	CORTE	710246	19016656	CORTE	1990
19016529B	CORTE	223235	19016573B	CORTE	227020	19016617B	CORTE	710246	19016656B	CORTE	1990
19016530	CORTE	710306	19016575	CORTE	228020	19016618	CORTE	710134	19016660	CORTE	712007
19016530B	CORTE	710306	19016575B	CORTE	228020	19016618B	CORTE	710134	19016660B	CORTE	712007
19016531	CORTE	710383	19016576	CORTE	4990	19016619	CORTE	225650	19016661	CORTE	710317
19016531B	CORTE	710383	19016576B	CORTE	4990	19016619B	CORTE	225650	19016661B	CORTE	710317
19016533	CORTE	710318	19016577	CORTE	494123	19016620	CORTE	710069	19016662	CORTE	471847N
19016533B	CORTE	710318	19016577B	CORTE	494123	19016620B	CORTE	710069	19016662B	CORTE	471847N
19016534	CORTE	1176	19016578	CORTE	710396	19016622	CORTE	710051	19016663	CORTE	224570
19016534B	CORTE	1176	19016578B	CORTE	710396	19016622B	CORTE	710051	19016663B	CORTE	224570
19016535	CORTE	223801	19016580	CORTE	1975	19016627	CORTE	223552	19016664	CORTE	222430

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19016664B	CORTE	222430	19017585B	CORTE	3771	19019542B	CORTE	224570	19026194	CORTE	710119
19016665	CORTE	710316	19017586	CORTE	1177	19019543	CORTE	1021V	19026194B	CORTE	710119
19016665B	CORTE	710316	19017586B	CORTE	1177	19019543B	CORTE	1021V	19026197	CORTE	710460
19016666	CORTE	222820	19018090	CORTE	710108	19019971	CORTE	4901	19026197B	CORTE	710460
19016666B	CORTE	222820	19018090B	CORTE	710108	19019971B	CORTE	4901	19026198	CORTE	710332
19016667	CORTE	1981	19018297	CORTE	1928	19019972	CORTE	710331	19026198B	CORTE	710332
19016667B	CORTE	1981	19018297B	CORTE	1928	19019972B	CORTE	710331	19026199	CORTE	710399
19016668	CORTE	223230	19018298	CORTE	225410	19019974	CORTE	225210	19026199B	CORTE	710399
19016668B	CORTE	223230	19018298B	CORTE	225410	19019974B	CORTE	225210	19026200	CORTE	222830
19016669	CORTE	1167	19018301	CORTE	223605	19019975	CORTE	710118	19026200B	CORTE	222830
19016669B	CORTE	1167	19018301B	CORTE	223605	19019975B	CORTE	710118	19026201	CORTE	221620
19016670	CORTE	223340	19019	C-R	710726	19020127	CORTE	221710	19026201B	CORTE	221620
19016670B	CORTE	223340	19019	SKF	710726	19020127B	CORTE	221710	19026202	CORTE	350609
19016671	CORTE	223420	19019057	CORTE	710125	19020128	CORTE	712007	19026202B	CORTE	350609
19016671B	CORTE	223420	19019057B	CORTE	710125	19020128B	CORTE	712007	19026203	CORTE	239146
19016673	CORTE	1173	19019058	CORTE	710292	19020326	CORTE	710859	19026203B	CORTE	239146
19016673B	CORTE	1173	19019058B	CORTE	710292	19020326B	CORTE	710859	19026204	CORTE	224066
19016674	CORTE	712011	19019059	CORTE	1974	190206	BR-ST	450389	19026204B	CORTE	224066
19016674B	CORTE	712011	19019059B	CORTE	1974	190206	BR-ST	472492 <sup>28</sup>	19026206	CORTE	710677
19016678	CORTE	228009	19019060	CORTE	710338	19021	AT-PL	200763	19026206B	CORTE	710677
19016678B	CORTE	228009	19019060B	CORTE	710338	19024172	EL-PA	417316 <sup>28</sup>	19026208	CORTE	223553
19016920	CORTE	1038	19019062	CORTE	710092	19024172	EL-PA	455004	19026208B	CORTE	223553
19016920B	CORTE	1038	19019062B	CORTE	710092	19025728	CORTE	710248	19026209	CORTE	1146
19016921	CORTE	1019	19019077	CORTE	710642	19025728B	CORTE	710248	19026209B	CORTE	1146
19016921B	CORTE	1019	19019077B	CORTE	710642	19025980	CORTE	710611	19026210	CORTE	223802
19016922	CORTE	710313	19019078	CORTE	224820	19025980B	CORTE	710611	19026210	CORTE	710834
19016922B	CORTE	710313	19019078B	CORTE	224820	19026016	CORTE	712008	19026210B	CORTE	223802
19017032	CORTE	712001	19019080	CORTE	225010	19026016B	CORTE	712008	19026210B	CORTE	710834
19017032B	CORTE	712001	19019080B	CORTE	225010	19026017	CORTE	713771	19026211	CORTE	710331
19017037	CORTE	1981	19019081	CORTE	710763	19026017B	CORTE	713771	19026211B	CORTE	710331
19017037B	CORTE	1981	19019081B	CORTE	710763	19026018	CORTE	223012	19026213	CORTE	222028
19017039	CORTE	1956	19019082	CORTE	1973	19026018B	CORTE	223012	19026213B	CORTE	222028
19017039B	CORTE	1956	19019082B	CORTE	1973	19026026	CORTE	1981	19026215	CORTE	221607
19017040	CORTE	710649	19019083	CORTE	225530	19026026B	CORTE	1981	19026215B	CORTE	221607
19017040B	CORTE	710649	19019083B	CORTE	225530	19026038	CORTE	228015	19026219	CORTE	1213N
19017041	CORTE	1948	19019123	CORTE	710108	19026038B	CORTE	228015	19026219B	CORTE	1213N
19017041B	CORTE	1948	19019123B	CORTE	710108	19026039	CORTE	710765	19026223	CORTE	225225
19017084	CORTE	710384	19019200	CORTE	710191	19026039B	CORTE	710765	19026223B	CORTE	225225
19017084B	CORTE	710384	19019200B	CORTE	710191	19026048	CORTE	228410	19026224	CORTE	710094
19017085	CORTE	710070	19019210	CORTE	710060	19026048B	CORTE	228410	19026224B	CORTE	710094
19017085B	CORTE	710070	19019210B	CORTE	710060	19026078	CORTE	710767	19026225	CORTE	710093
19017092	CORTE	710300	19019491	CORTE	710689	19026078B	CORTE	710767	19026225B	CORTE	710093
19017092B	CORTE	224020	19019491B	CORTE	710689	19026099	CORTE	228411	19026229	CORTE	710313
19017093	CORTE	710415	19019527	CORTE	710073	19026099B	CORTE	228411	19026229B	CORTE	710313
19017093B	CORTE	710415	19019527B	CORTE	710073	19026106	CORTE	712009	19026230	CORTE	222030
19017094	CORTE	224650	19019528	CORTE	1183	19026106B	CORTE	712009	19026230B	CORTE	222030
19017094B	CORTE	224650	19019528B	CORTE	1183	19026113	CORTE	710264	19026232	CORTE	710107
19017095	CORTE	710196	19019529	CORTE	710305	19026113B	CORTE	710264	19026232B	CORTE	710107
19017095B	CORTE	710196	19019529B	CORTE	710305	19026115	CORTE	710834	19026234	CORTE	1174
19017377	CORTE	1941	19019536	CORTE	710479	19026115B	CORTE	710834	19026234B	CORTE	1174
19017377B	CORTE	1941	19019536B	CORTE	710479	19026126	CORTE	223018	19026237	CORTE	710127
19017545	CORTE	226610	19019537	CORTE	712006	19026126B	CORTE	223018	19026237B	CORTE	710127
19017545B	CORTE	226610	19019537B	CORTE	712006	19026160	CORTE	222860	19026238	CORTE	710069
19017582	CORTE	224810	19019538	CORTE	473823	19026160B	CORTE	222860	19026238B	CORTE	710069
19017582B	CORTE	224810	19019538B	CORTE	473823	19026178	CORTE	223750	19026240	CORTE	710320
19017583	CORTE	710173	19019539	CORTE	223550	19026178B	CORTE	223750	19026240B	CORTE	710320
19017583B	CORTE	710173	19019539B	CORTE	223550	19026190	CORTE	710397	19026246	CORTE	4899
19017584	CORTE	710076	19019540	CORTE	224210	19026190B	CORTE	710397	19026246B	CORTE	4899
19017584B	CORTE	710076	19019540B	CORTE	224210	19026193	CORTE	710132	19026255	CORTE	350609
19017585	CORTE	3771	19019542	CORTE	224570	19026193B	CORTE	710132	19026255B	CORTE	350609

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19026258	CORTE	224053	190276	STUDE	240151	19027843B	CORTE	494122	19027901B	CORTE	710214
19026258B	CORTE	224053	19027628	CORTE	223005	19027845	CORTE	710182	19027902	CORTE	710113
19026284	CORTE	712005	19027628B	CORTE	223005	19027845B	CORTE	710182	19027902B	CORTE	710113
19026284B	CORTE	712005	19027629	CORTE	223005	19027846	CORTE	710183	19027903	CORTE	1173
19026311	CORTE	710719	19027629B	CORTE	223005	19027846B	CORTE	710183	19027903B	CORTE	1173
19026311B	CORTE	710719	19027773	CORTE	222030	19027849	CORTE	710437	19027904	CORTE	710592
19026368	CORTE	220860	19027773B	CORTE	222030	19027849B	CORTE	710437	19027904B	CORTE	710592
19026368B	CORTE	220860	19027779	CORTE	710523	19027851	CORTE	222025	19027906	CORTE	710591
19026513	CORTE	710154	19027779B	CORTE	710523	19027851B	CORTE	222025	19027906B	CORTE	710591
19026513B	CORTE	710154	19027782	CORTE	710521	19027853	CORTE	227235	19027907	CORTE	710195
19026732	CORTE	223602	19027782B	CORTE	710521	19027853B	CORTE	227235	19027907B	CORTE	710195
19026732B	CORTE	223602	19027810	CORTE	223018	19027856	CORTE	710820	19027908	CORTE	710245
19026734	CORTE	710676	19027810B	CORTE	223018	19027856B	CORTE	710820	19027908B	CORTE	710245
19026734B	CORTE	710676	19027813	CORTE	225545	19027858	CORTE	710894	19027910	CORTE	710847
19026735	CORTE	710110	19027813B	CORTE	225545	19027858B	CORTE	710894	19027910B	CORTE	710847
19026735B	CORTE	710110	19027814	CORTE	223805	19027860	CORTE	222820	19027911	CORTE	710195
19026739	CORTE	223801	19027814B	CORTE	223805	19027860B	CORTE	222820	19027911B	CORTE	710195
19026739B	CORTE	223801	19027815	CORTE	710838	19027862	CORTE	224460	19027912	CORTE	1167
19026741	CORTE	710716	19027815B	CORTE	710838	19027862B	CORTE	224460	19027912B	CORTE	1167
19026741B	CORTE	710716	19027816	CORTE	224068	19027863	CORTE	224460	19027913	CORTE	712011
19026747	CORTE	223542	19027816B	CORTE	224068	19027863B	CORTE	224460	19027913B	CORTE	712011
19026747B	CORTE	223542	19027817	CORTE	710868	19027866	CORTE	710222	19029145	CORTE	710083
19026748	CORTE	224870	19027817B	CORTE	710868	19027866B	CORTE	710222	19029145B	CORTE	710083
19026748B	CORTE	224870	19027819	CORTE	710298	19027867	CORTE	710724	19029676	CORTE	224025
19026749	CORTE	1935	19027819B	CORTE	710298	19027867B	CORTE	710724	19029676B	CORTE	224025
19026749B	CORTE	1935	19027820	CORTE	225885	19027868	CORTE	221610	19029706	CORTE	1992
19026753	CORTE	222025	19027820B	CORTE	225885	19027868B	CORTE	221610	19029706B	CORTE	1992
19026753B	CORTE	222025	19027822	CORTE	711181	19027869	CORTE	710459	19029707	CORTE	225673
19026755	CORTE	710315	19027822B	CORTE	711181	19027869B	CORTE	710459	19029707B	CORTE	225673
19026755B	CORTE	710315	19027823	CORTE	320595	19027870	CORTE	320583	190302	BR-ST	471532
19026756	CORTE	224210	19027823B	CORTE	320595	19027870B	CORTE	320583	190324	BR-ST	50405
19026756B	CORTE	224210	19027824	CORTE	710460	19027871	CORTE	710199	19033800	CORTE	710511
19026760	CORTE	229010	19027824B	CORTE	710460	19027871B	CORTE	710199	19033800B	CORTE	710511
19026760B	CORTE	229010	19027825	CORTE	710730	19027874	CORTE	712007	19033802	CORTE	710403
19026761	CORTE	1953	19027825B	CORTE	710730	19027874B	CORTE	712007	19033802B	CORTE	710403
19026761B	CORTE	1953	19027827	CORTE	228015	19027875	CORTE	710259	19033853	CORTE	710363
19026762	CORTE	223240	19027827B	CORTE	228015	19027875B	CORTE	710259	19033853B	CORTE	710363
19026762B	CORTE	223240	19027828	CORTE	710157	19027876	CORTE	710522	19033885	CORTE	710582
19026763	CORTE	710354	19027828B	CORTE	710157	19027876B	CORTE	710522	19033885B	CORTE	710582
19026763B	CORTE	710354	19027829	CORTE	710147	19027877	CORTE	710781	19033908	CORTE	224663
19026764	CORTE	224052	19027829B	CORTE	710147	19027877B	CORTE	710781	19033908B	CORTE	224663
19026764B	CORTE	224052	19027830	CORTE	710147	19027878	CORTE	710782	19033909	CORTE	223801
19026766	CORTE	223535	19027830B	CORTE	710147	19027878B	CORTE	710782	19033909B	CORTE	223801
19026766B	CORTE	223535	19027832	CORTE	710300	19027879	CORTE	710747	19033949	CORTE	710598
19026767	CORTE	227045	19027832B	CORTE	224020	19027879B	CORTE	710747	19033949B	CORTE	710598
19026767B	CORTE	227045	19027833	CORTE	710161	19027883	CORTE	710331	19033950	CORTE	710442
19026772	CORTE	223010	19027833B	CORTE	710161	19027883B	CORTE	710331	19033950B	CORTE	710442
19026772B	CORTE	223010	19027835	CORTE	710334	19027885	CORTE	228410	19033962	CORTE	710060
19026773	CORTE	710110	19027835B	CORTE	710334	19027885B	CORTE	228410	19033962B	CORTE	710060
19026773B	CORTE	710110	19027836	CORTE	1180	19027886	CORTE	228009	19033964	CORTE	710616
19026774	CORTE	223540	19027836B	CORTE	1180	19027886B	CORTE	228009	19033964B	CORTE	710616
19026774B	CORTE	223540	19027838	CORTE	471845N	19027887	CORTE	228009	19034038	CORTE	710620
19026785	CORTE	710114	19027838B	CORTE	471845N	19027887B	CORTE	228009	19034038B	CORTE	710620
19026785B	CORTE	710114	19027839	CORTE	710151	19027888	CORTE	710356	19034042	CORTE	710446
19026788	CORTE	710419	19027839B	CORTE	710151	19027888B	CORTE	710356	19034042B	CORTE	710446
19026788B	CORTE	710419	19027840	CORTE	710520	19027891	CORTE	224464	19034043	CORTE	710767
19026794	CORTE	228010	19027840B	CORTE	710520	19027891B	CORTE	224464	19034043B	CORTE	710767
19026794B	CORTE	228010	19027841	CORTE	471847N	19027897	CORTE	225040	19034047	CORTE	222240
19026918	CORTE	710233	19027841B	CORTE	471847N	19027897B	CORTE	225040	19034047B	CORTE	222240
19026918B	CORTE	710233	19027843	CORTE	494122	19027901	CORTE	710214	19034051	CORTE	710235

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19034051B	CORTE	710235	19034991	CORTE	224464	19035200	CORTE	712551	19036716	CORTE	2012V
19034067	CORTE	710776	19034991B	CORTE	224464	19035200B	CORTE	712551	19036716B	CORTE	2012V
19034067B	CORTE	710776	19034996	CORTE	710591	19035201	CORTE	710732	19036717	CORTE	482041N
19034068	CORTE	710775	19034996B	CORTE	710591	19035201B	CORTE	710732	19036717B	CORTE	482041N
19034068B	CORTE	710775	19035013	CORTE	224650	19035203	CORTE	712938	19036722	CORTE	711001
19034101	CORTE	710156	19035013B	CORTE	224650	19035203B	CORTE	712938	19036722B	CORTE	711001
19034101B	CORTE	710156	19035025	CORTE	710189	19035207	CORTE	710727	19036809	CORTE	710554
19034103	CORTE	710801	19035025B	CORTE	710189	19035207B	CORTE	710727	19036809B	CORTE	710554
19034103B	CORTE	710801	19035026	CORTE	710553	19035212	CORTE	712551	19036893	CORTE	710699
19034104	CORTE	223830	19035026B	CORTE	710553	19035212B	CORTE	712551	19036893B	CORTE	710699
19034104B	CORTE	223830	19035124	CORTE	710199	19035213	CORTE	710150	19036919	CORTE	223005
19034128	CORTE	229010	19035124B	CORTE	710199	19035213B	CORTE	710150	19036919B	CORTE	223005
19034128B	CORTE	229010	19035128	CORTE	710575	19035222	CORTE	710451	19036928	CORTE	710571
19034374	CORTE	710013	19035128B	CORTE	710575	19035222B	CORTE	710451	19036928B	CORTE	710571
19034374B	CORTE	710013	19035129	CORTE	710595	19035224	CORTE	710796	19037	BR-ST	471651
19034443	CORTE	710644	19035129B	CORTE	710595	19035224B	CORTE	710796	190371	BR-ST	471651
19034443B	CORTE	710644	19035130	CORTE	710823	19035226	CORTE	710308	19037196	CORTE	710939
19034635	CORTE	225005	19035130B	CORTE	710823	19035226B	CORTE	710308	19037196B	CORTE	710939
19034635B	CORTE	225005	19035132	CORTE	710419	19035229	CORTE	710629	190377	CUMMI	J1396
19034653	CORTE	710434	19035132B	CORTE	710419	19035229B	CORTE	710629	190458M1	MASSE	416444
19034653B	CORTE	710434	19035144	CORTE	225875	19035232	CORTE	222835	19046	BR-ST	474278 <sup>28</sup>
19034728	CORTE	223235	19035144B	CORTE	225875	19035232B	CORTE	222835	19046	BR-ST	480356
19034728B	CORTE	223235	19035148	CORTE	710142	19035233	CORTE	710630	19046	OLIVE	417316 <sup>28</sup>
19034729	CORTE	710697	19035148B	CORTE	710142	19035233B	CORTE	710630	19046	OLIVE	455004
19034729B	CORTE	710697	19035153	CORTE	710596	19035238	CORTE	710805	190492	STUDE	450095
19034730	CORTE	2025	19035153B	CORTE	710596	19035238B	CORTE	710805	190492	STUDE	473464 <sup>28</sup>
19034730B	CORTE	2025	19035157	CORTE	710218	19035246	CORTE	710217	19060	NEWPR	3946
19034732	CORTE	1177	19035157B	CORTE	710218	19035246B	CORTE	710217	1906118	FMC	471554 <sup>28</sup>
19034732B	CORTE	1177	19035158	CORTE	710217	19035248	CORTE	710795	19062	AIRCO	416047
19034736	CORTE	710574	19035158B	CORTE	710217	19035248B	CORTE	710795	19062	AIRCO	416332 <sup>28</sup>
19034736B	CORTE	710574	19035159	CORTE	710199	19035249	CORTE	710816	19062	C-R	808203
19034911	CORTE	222745	19035159B	CORTE	710199	19035249B	CORTE	710816	19062	SKF	808203
19034911B	CORTE	222745	19035160	CORTE	710818	19035252	CORTE	711005	19062LDS	JN-MN	472164 <sup>28</sup>
19034917	CORTE	223552	19035160B	CORTE	710818	19035252B	CORTE	711005	1906526	GMC	472826 <sup>28</sup>
19034917B	CORTE	223552	19035163	CORTE	223010	19035260	CORTE	710614	19067A	HERCU	5MR71
19034920	CORTE	223018	19035163B	CORTE	223010	19035260B	CORTE	710614	190747	STUDE	42763
19034920B	CORTE	223018	19035164	CORTE	1953	19035293	CORTE	710752	1907D5	WHITE	475380N
19034921B	CORTE	710213	19035164B	CORTE	1953	19035293B	CORTE	710752	19084LDS	JN-MN	3395 <sup>28</sup>
19034926	CORTE	710208	19035165	CORTE	1019	19035377	CORTE	710715	190850	JEFF	450154
19034926B	CORTE	710208	19035165B	CORTE	1019	19035377B	CORTE	710715	190850	JEFF	473234
19034927	CORTE	710207	19035183	CORTE	710187	19035397	CORTE	710310	1908656	GMC	473438
19034927B	CORTE	710207	19035183B	CORTE	710187	19035397B	CORTE	710310	19090	C-R	4904
19034928	CORTE	710221	19035184	CORTE	710352	19035438	CORTE	710774	19090	SKF	4904
19034928B	CORTE	710221	19035184B	CORTE	710352	19035438B	CORTE	710774	19092	C-R	710644
19034966	CORTE	710894	19035186	CORTE	710639	19035976	CORTE	710850	19092	SKF	710644
19034966B	CORTE	710894	19035186B	CORTE	710639	19035976B	CORTE	710850	190930	STUDE	8160S
19034970	CORTE	224200	19035187	CORTE	710526	19036249	CORTE	710236	1909498	GMC	472560N <sup>28</sup>
19034970B	CORTE	224200	19035187B	CORTE	710526	19036249B	CORTE	710236	1909498	GMC	50151S
19034972	CORTE	225210	19035191	CORTE	710707	19036250	CORTE	710819	19095	C-R	710305
19034972B	CORTE	225210	19035191B	CORTE	710707	19036250B	CORTE	710819	19095	SKF	710305
19034975	CORTE	1973	19035192	CORTE	710615	19036280	CORTE	223230	19097	C-R	4904
19034975B	CORTE	1973	19035192B	CORTE	710615	19036280B	CORTE	223230	19097	SKF	4904
19034976	CORTE	710670	19035194	CORTE	223800	19036367	CORTE	710867	1909851	GMC	471466 <sup>28</sup>
19034976B	CORTE	710670	19035194B	CORTE	223800	19036367B	CORTE	710867	19099	OLIVE	450069
19034980	CORTE	710733	19035197	CORTE	710525	19036653	CORTE	224200	19099	OLIVE	473232
19034980B	CORTE	710733	19035197B	CORTE	710525	19036653B	CORTE	224200	1909957	GMC	450065
19034988	CORTE	224015	19035198	CORTE	710731	19036654	CORTE	710674	190X230X16SC	TRSCM	190X230X16
19034988B	CORTE	224015	19035198B	CORTE	710731	19036654B	CORTE	710674	190X230X16TC	TRSCM	190X230X16
19034989	CORTE	710621	19035199	CORTE	710138	19036711	CORTE	711027	191	C-R	5591
19034989B	CORTE	710621	19035199B	CORTE	710138	19036711B	CORTE	711027	191	SKF	5591

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19100	C-R	710148	19210	KINGN	470163	192550	VOLVO	40769S	19293	SKF	710627
19100	SKF	710148	19210	KINGN	471766 <sup>28</sup>	192550-2	VOLVO	40769S	19299083	GMC	710646
19102	EATON	713750	19210	SKF	474269	19256368	GMC	710546	19299084	GMC	710831
1910379	GMC	6324S	19211	C-R	710058	19256467	ACDEL	710951	192J	OSHKO	470950 <sup>28</sup>
19109	FULLE	713750	19211	SKF	710058	19256467	GMC	710951	192J	OSHKO	6241S
19112	MICH	471532	19212	C-R	474269	19256468	ACDEL	710709	1930	TMTR	473212 <sup>28</sup>
1912235	GMC	474278 <sup>28</sup>	19212	SKF	474269	19256468	GMC	710709	19300	C-R	472144 <sup>28</sup>
1912235	GMC	480356	19214	C-R	6815	19257296	GMC	710687	19300	SKF	472144
19125	MICH	473405	19214	SKF	6815	19257296	SAAB	710687	19301	C-R	472144 <sup>28</sup>
19125	UNIVE	473405	19215	C-R	470409	192572K MJ	TRSCM	9150S	19301	SKF	472144
19127LDS	JN-MN	416147	19215	SKF	470409	1925822	CHRYS	456618	19302083	GMC	710778
19129	NEWPR	710663	19219	C-R	6815	19258265	GMC	710583	19303TB	TRSCM	472394
19132801	GMC	710658	19219	SKF	6815	19258266	ACDEL	710546	19305	C-R	5531
19133014	GMC	710809	1921B	GOODM	413247 <sup>28</sup>	19258266	GMC	710546	19305	SKF	5531
19133150	GMC	710695	1921B	GOODM	450350	19258415	GMC	710951	193089	HYST	417362 <sup>28</sup>
19133151	GMC	710675	19220	C-R	471195 <sup>28</sup>	19258416	ACDEL	710709	1931105	CHRYS	9773
19133155	GMC	710646	19220	C-R	481195	19258416	GMC	710709	19314	C-R	3896
19133156	DTCOM	710831	19220	SKF	471195	19259179	GMC	710647	19314	SKF	3896
19133156	GMC	710831	19220	SKF	481195	19259C	IH	473215 <sup>28</sup>	19315TB	TRSCM	471391 <sup>28</sup>
19133157	GMC	710647	19221	C-R	6815	19259D	IH	473215 <sup>28</sup>	19316209	ACDEL	224650
19133210	ACDEL	223253	19221	SKF	6815	19263TB	TRSCM	473814	19316209	GMC	224650
19133210	GMC	223253	19223	C-R	9150S	19264	C-R	473241	1931666	MOPAR	240733
19133212	GMC	710689	19223	SKF	9150S	19264	SKF	473241	19317	C-R	710496
19137	MICH	471558	192238	HYST	200861	19265SP	TRSCM	5121	19317	SKF	710496
19137	UNIVE	471558 <sup>29</sup>	192239	HYST	JV933	19267	C-R	710162	193183SL	TRSCM	450094
191383	US-EL	340385	192249	HYST	200854	19267	SKF	710162	1932	TIMKE	1932
19138LUP	JN-MN	455584 <sup>29</sup>	19226	C-R	472319	192683SSB	TRSCM	6988H	193201	BENDI	240414
19146LDS	JN-MN	416268	19226	SKF	472319	192683TB	TRSCM	471869	1932011018	WABCO	240009
191-598-625	AUDI	1962	1922774	CHRYS	410825	192683TB	TRSCM	473459 <sup>28</sup>	1932011218	WABCO	343185
191-598-625	VW	1962	19229	C-R	472319	192683VTB	TRSCM	470138V	1932011623	WABCO	240414
19160	WHITE	414045 <sup>28</sup>	19229	SKF	472319	1926D	GOODM	413246	193201218	WABCO	343185
1916213	STUDE	45653S	1922A3	WHITE	410101N	1926D	GOODM	413246N	193207A	HARWA	19X32X8
191685	VOLVO	222820	19234	EATON	415458 <sup>28</sup>	192706XX	TIMKE	19X27X6	193208XX	TIMKE	19X32X8
191685-7	VOLVO	222820	19234	EATON	455003	1927290	TAYLR	J1109	193210	HYST	417362 <sup>28</sup>
191685-7	VOLVO	28X40X7 <sup>28</sup>	19235	EATON	450095	1927293	TAYLR	J1136	19324	C-R	710459
19169124	GMC	710497	19235	EATON	473464 <sup>28</sup>	1927295	CHRYS	415004	19324	SKF	710459
191703	STUDE	200354	19236	C-R	3173	1927295	CHRYS	417316 <sup>28</sup>	19325	C-R	710394
1917999	GMC	480210 <sup>28</sup>	19236	C-R	471869	19273	C-R	2043	19325	SKF	710394
1918047	GMC	471231 <sup>28</sup>	19236	SKF	3173	19273	SKF	2043	1932S	TIMKE	1932
19180849	GMC	710105	19236	SKF	471869	1927475	TAYLR	345035	193303H1	HOUGH	416107 <sup>28</sup>
191833	JEFF	417601	19237	C-R	3173	1927550	TAYLR	472492 <sup>28</sup>	193303H1	HOUGH	455073
19185168	GMC	710237	19237	C-R	473459 <sup>28</sup>	1927575	TAYLR	417316 <sup>28</sup>	19333	C-R	710081
19185504	GMC	710707	19237	SKF	3173	1927590	TAYLR	417269 <sup>28</sup>	19333	SKF	710081
191876	WAUKE	471413 <sup>28</sup>	19237	SKF	473459	192765TB	TRSCM	2043	19334	LEECE	470712 <sup>28</sup>
19188	DIVCO	5M293	1923936	CHRYS	470898	19277	C-R	8622	1933772	CHRYS	240735
191887	KRSE	412920 <sup>28</sup>	1923937	CHRYS	471341 <sup>28</sup>	19277	SKF	8622	1933789	CHRYS	415991 <sup>28</sup>
19190	DIVCO	450085	19240	C-R	483459H	1927C	GOODM	413247 <sup>28</sup>	1933789	CHRYS	415991N
19190	DIVCO	470530 <sup>28</sup>	19240	C-R	6988H	1927C	GOODM	450350	193407	STUDE	471466 <sup>28</sup>
19192	C-R	710649	19240	SKF	483459H	1927D	GOODM	413247 <sup>28</sup>	1934676	CHRYS	40494S
19192	SKF	710649	19240	SKF	6988H	1927D	GOODM	450350	1934786	CHRYS	474276 <sup>28</sup>
19195	EATON	410987 <sup>28</sup>	19243	C-R	470138V	1928	TIMKE	1928	1935	TIMKE	1935
19195	EATON	450103	19243	SKF	470138V	19281	DIVCO	473203	19350	C-R	473460 <sup>29</sup>
19200	C-R	1936	19244	C-R	3173	192815TCJ	TRSCM	8622	19350	SKF	473460
19200	SKF	1936	19244	SKF	3173	19284	OLIVE	473215 <sup>28</sup>	1935033	CHRYS	476574N
19205461	GMC	710237	192527C1	IH	472179	19286	C-R	472144 <sup>28</sup>	1935303	MOPAR	240731
19206241	ACDEL	7412S	192528C1	IH	471984	19286	SKF	472144	19359	C-R	472394
19206241	GMC	7412S	19253TB	TRSCM	471195 <sup>28</sup>	1928B	GOODM	416271 <sup>28</sup>	19359	SKF	472394
19208	C-R	710565	19253TB	TRSCM	481195	1928D	GOODM	450316	1936	TIMKE	1936
19208	SKF	710565	19255	C-R	710928	1928D	GOODM	472636 <sup>28</sup>	19360	C-R	472394
19210	C-R	474269 <sup>28</sup>	19255	SKF	710928	19293	C-R	710627	19360	SKF	472394

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19372	C-R	710693	194054	AU-WS	450185	194128	AU-WS	417537	194208	AU-WS	417355 <sup>2B</sup>
19372	SKF	710693	194054	AU-WS	473229	194128	B-L-H	417537	194210	AU-WS	471424 <sup>2B</sup>
193794	BENDI	350954	194056	AU-WS	450069	194130	AU-WS	417551	194212	AU-WS	472439
193794	BENDI	470954 <sup>2B</sup>	194056	AU-WS	473232	194134	AU-WS	450115	194214	AU-WS	471869
193796	HYST	415988	194058	AU-WS	473235 <sup>2B</sup>	194134	AU-WS	473467 <sup>2B</sup>	194214	AU-WS	473459
19380	C-R	473461 <sup>2B</sup>	194060	AU-WS	450070	194136	AU-WS	416294 <sup>2B</sup>	194216	AU-WS	415645 <sup>2B</sup>
19380	SKF	473461	194060	AU-WS	472185 <sup>2B</sup>	194138	AU-WS	472070	194216	AU-WS	455104
1938104	GMC	471526 <sup>2B</sup>	194062	AU-WS	470074	194140	AU-WS	450365	194218	AU-WS	450389
19382	ONAN	470120	194062	AU-WS	474265	194140	AU-WS	470898 <sup>2B</sup>	194218	AU-WS	472492 <sup>2B</sup>
19382	ONAN	471224 <sup>2B</sup>	194064	AU-WS	450076	194140	B-L-H	450365	194220	AU-WS	470354
19387	C-R	710162	194064	AU-WS	470334 <sup>2B</sup>	194140	B-L-H	470898 <sup>2B</sup>	194222	AU-WS	50528
19387	SKF	710162	194066	AU-WS	473450	194142	AU-WS	418029 <sup>2B</sup>	194224	AU-WS	471267 <sup>2B</sup>
1939798	GMC	450065	194068	AU-WS	472144 <sup>2B</sup>	194142	AU-WS	455499	194226	AU-WS	472258 <sup>2B</sup>
1940	TIMKE	1940	19407	C-R	450094	194142	B-L-H	418029 <sup>2B</sup>	194228	AU-WS	450307
19400	C-R	471391	19407	SKF	450094	194142	B-L-H	455499	194230	AU-WS	471192
19400	SKF	471391	194070	AU-WS	473448	194144	AU-WS	416011	194230	B-L-H	471192
194002	AU-WS	470120	194072	AU-WS	473460	194144	AU-WS	417621 <sup>2B</sup>	194230	CLARK	471192
194002	AU-WS	471224 <sup>2B</sup>	194074	AU-WS	472394	194146	AU-WS	415379 <sup>2B</sup>	1942303	CHRYS	331228H
194004	AU-WS	450593 <sup>2B</sup>	194076	AU-WS	473313	194146	AU-WS	455379	194232	AU-WS	411394 <sup>2B</sup>
194006	AU-WS	471733	194078	AU-WS	470088	194148	AU-WS	473016 <sup>2B</sup>	194232	AU-WS	450317
194008	AU-WS	450083	194080	AU-WS	450094	194150	AU-WS	473215 <sup>2B</sup>	194234	AU-WS	415281N
194008	AU-WS	472924 <sup>2B</sup>	194080	AU-WS	473462	194152	AU-WS	470059	194236	AU-WS	450313
194008	B-L-H	450083	194082	AU-WS	412119 <sup>2B</sup>	194152	AU-WS	470380 <sup>2B</sup>	194238	AU-WS	473243
194008	B-L-H	472924 <sup>2B</sup>	194082	AU-WS	450101	194156	AU-WS	482253	194240	AU-WS	473473
194010	AU-WS	450085	194084	AU-WS	411245 <sup>2B</sup>	194158	AU-WS	450154	1942401	CHRYS	474260
194010	AU-WS	470530 <sup>2B</sup>	194084	AU-WS	455096	194158	AU-WS	473234	194246	AU-WS	473236 <sup>2B</sup>
194010A	HARWA	19X40X10	194086	AU-WS	415449 <sup>2B</sup>	194160	AU-WS	470334 <sup>2B</sup>	194248	AU-WS	450133
194010XX	TIMKE	19X40X10	194086	AU-WS	455147	194160	AU-WS	50289	194250	AU-WS	413247 <sup>2B</sup>
194012	AU-WS	473463	194088	AU-WS	415001 <sup>2B</sup>	194162	AU-WS	410694 <sup>2B</sup>	194250	AU-WS	450350
194014	AU-WS	415995 <sup>2B</sup>	194088	AU-WS	455001	194164	AU-WS	450104	194252	AU-WS	470605 <sup>2B</sup>
194014	AU-WS	455013	194090	AU-WS	415458 <sup>2B</sup>	194166	AU-WS	416444	194254	AU-WS	327303 <sup>2B</sup>
194016	AU-WS	450025	194090	AU-WS	455003	194170	AU-WS	412473 <sup>2B</sup>	194256	AU-WS	415991
194016	AU-WS	471553 <sup>2B</sup>	194092	AU-WS	417316 <sup>2B</sup>	194170	AU-WS	415894	194256	AU-WS	455146 <sup>2B</sup>
194018	AU-WS	470027	194092	AU-WS	455004	194170	B-L-H	412473 <sup>2B</sup>	194258	AU-WS	415303 <sup>2B</sup>
194018	AU-WS	471554 <sup>2B</sup>	194094	AU-WS	416921 <sup>2B</sup>	194170	B-L-H	415894	194260	AU-WS	417474
194020	AU-WS	470045	194094	AU-WS	455011	194172	AU-WS	417210 <sup>2B</sup>	194262	AU-WS	470351
194020	AU-WS	476838 <sup>2B</sup>	194096	AU-WS	55419	194174	AU-WS	417205 <sup>2B</sup>	194262	AU-WS	471504 <sup>2B</sup>
194022	AU-WS	471750 <sup>2B</sup>	194098	AU-WS	415991	194176	AU-WS	416107 <sup>2B</sup>	194262	B-L-H	470351
194024	AU-WS	471354 <sup>2B</sup>	194098	AU-WS	455146 <sup>2B</sup>	194176	AU-WS	455073	194262	B-L-H	471504 <sup>2B</sup>
194026	AU-WS	451948	1941	TIMKE	1941	194178	AU-WS	415138 <sup>2B</sup>	194262D	GARLK	5121
194028	AU-WS	416738 <sup>2B</sup>	194100	AU-WS	416047	194180	AU-WS	40337S	194264	AU-WS	416664 <sup>2B</sup>
194028	AU-WS	450096	194100	AU-WS	416332 <sup>2B</sup>	194184	AU-WS	470712 <sup>2B</sup>	194264	AU-WS	455364
194030	AU-WS	450121	194102	AU-WS	415379 <sup>2B</sup>	194186	AU-WS	411376 <sup>2B</sup>	194266	AU-WS	415060
194030	AU-WS	472409 <sup>2B</sup>	194102	AU-WS	455379	194186	AU-WS	455093	194268	AU-WS	416153 <sup>2B</sup>
194032	AU-WS	473245 <sup>2B</sup>	194104	AU-WS	416339	194188	AU-WS	450519	194270	AU-WS	415938
194034	AU-WS	450316	194104	AU-WS	455031 <sup>2B</sup>	194188	AU-WS	471271 <sup>2B</sup>	194270	B-L-H	415938
194034	AU-WS	472636 <sup>2B</sup>	194106	AU-WS	415150 <sup>2B</sup>	194190	AU-WS	417171 <sup>2B</sup>	194270	CLARK	415938
194036	AU-WS	412920 <sup>2B</sup>	194108	AU-WS	416888 <sup>2B</sup>	194192	AU-WS	417181 <sup>2B</sup>	194271MI	MASSE	6668S
194036	AU-WS	450132	194108	AU-WS	455200	194196	AU-WS	45187S	194272	AU-WS	415072
194038	AU-WS	416288 <sup>2B</sup>	194110	AU-WS	416892 <sup>2B</sup>	1941963	EL-WH	350364	194274	AU-WS	471689 <sup>2B</sup>
194040	AU-WS	415034 <sup>2B</sup>	194112	AU-WS	417538	194200	AU-WS	450117	194276	AU-WS	415294 <sup>2B</sup>
194040	AU-WS	455034	194114	AU-WS	417269 <sup>2B</sup>	194200	AU-WS	472572 <sup>2B</sup>	194276	AU-WS	455294
194042	AU-WS	416891 <sup>2B</sup>	194116	AU-WS	473227	194202	AU-WS	450089	194278	AU-WS	473225 <sup>2B</sup>
194044	AU-WS	416137	194118	AU-WS	455566	194202	B-L-H	450089	19428	C-R	710281
194046	AU-WS	470169	194118	B-L-H	455566	1942020	CHRYS	331227H	19428	SKF	710281
194046	AU-WS	473214 <sup>2B</sup>	194120	AU-WS	6936S	194204	AU-WS	416404 <sup>2B</sup>	194280	AU-WS	417254
194050	AU-WS	470950 <sup>2B</sup>	194124	AU-WS	417488 <sup>2B</sup>	194206	AU-WS	417344 <sup>2B</sup>	194282	AU-WS	450082
194050	AU-WS	6241S	194126	AU-WS	415036	194206	AU-WS	455006	194282	AU-WS	473238
194052	AU-WS	450067	194126	B-L-H	415036	194206	B-L-H	417344 <sup>2B</sup>	194282UB	TRSCM	200371
194052	AU-WS	473228	194126	CLARK	415036	194206	B-L-H	455006	194284	AU-WS	415483 <sup>2B</sup>

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
194284	AU-WS	455368	194380	AU-WS	470625 <sup>28</sup>	1949350	CHRY	7188S	195555M1	MASSE	472924 <sup>28</sup>
194286	AU-WS	417172	194382	AU-WS	415027 <sup>28</sup>	194993	DOMGA	474278 <sup>28</sup>	19556	C-R	710112
194288	AU-WS	471270 <sup>28</sup>	194382	AU-WS	455027	194993	DOMIN	474278 <sup>28</sup>	19556	SKF	710112
194288	STUDE	470548	194384	AU-WS	417316 <sup>28</sup>	1949933	CHRY	474278 <sup>28</sup>	195677M1	MASSE	415984 <sup>28</sup>
194288	STUDE	470625 <sup>28</sup>	194384	AU-WS	455004	194T5	WHITE	410316	195678M1	MASSE	450867
194290	AU-WS	456105	194386	AU-WS	415725 <sup>28</sup>	194T5	WHITE	472636 <sup>28</sup>	195678M1	MASSE	470898
194292H1	IH	415013	194388	AU-WS	7208S	195	BUSHH	204002	195678M2	MASSE	450867
194292H1	IH	415995 <sup>28</sup>	194390	AU-WS	470548	1950	TIMKE	1950	195678M2	MASSE	470898
194294	AU-WS	415035 <sup>28</sup>	194390	AU-WS	470625 <sup>28</sup>	19500	C-R	5121	19568	C-R	710485
194294	AU-WS	455035	194392	AU-WS	416476 <sup>28</sup>	19500	SKF	5121	19568	SKF	710485
194296	AU-WS	417351 <sup>28</sup>	194392	AU-WS	455075	195003A	OLIVE	417487	1956S	TIMKE	1956
194296	AU-WS	455154	194393H1	IH	455200N	195003A	OLIVE	455086	19572	C-R	710112
194298	AU-WS	417546 <sup>28</sup>	1944	NATL	494117	195019M1	MASSE	450446	19572	SKF	710112
194298	B-L-H	417546 <sup>28</sup>	194402	AU-WS	417563	195020M1	MASSE	418028	19573	C-R	710674
1943	TIMKE	1943	194408	AU-WS	476470	195020M1	MASSE	455137 <sup>28</sup>	19573	SKF	710674
194300	AU-WS	417159	194411	AU-WS	416011	195021M1	MASSE	471785 <sup>28</sup>	195757M1	MASSE	473461 <sup>28</sup>
194302	AU-WS	415302	194411	AU-WS	417621 <sup>28</sup>	195022M1	MASSE	470403	195758M1	MASSE	473236 <sup>28</sup>
194304	AU-WS	410312N	194412	AU-WS	415442 <sup>28</sup>	195022M1	MASSE	470774 <sup>28</sup>	195759M1	MASSE	470169
194304	CLARK	472016 <sup>28</sup>	194413	AU-WS	415074	195051A	OLIVE	203025	195759M1	MASSE	473214
194306	AU-WS	450489	194414	AU-WS	415146 <sup>28</sup>	19510	C-R	200371	195760M1	MASSE	5872S
194306	AU-WS	473244	194414	AU-WS	415991	19510	SKF	200371	195761M1	MASSE	473423
194306	B-L-H	450489	194415	AU-WS	415138 <sup>28</sup>	195211M1	MASSE	455079 <sup>28</sup>	195763M1	MASSE	471829
194306	B-L-H	473244	194416	AU-WS	415035 <sup>28</sup>	195218M1	MASSE	415150 <sup>28</sup>	19578	C-R	710112
194308	AU-WS	40555	194416	AU-WS	415953	195226M1	MASSE	413247 <sup>28</sup>	19578	SKF	710112
194308	AU-WS	40555S <sup>28</sup>	194417	AU-WS	410519	195226M1	MASSE	450350	195786H1	IH	415137 <sup>28</sup>
194312	AU-WS	450269	194417	AU-WS	471271 <sup>28</sup>	195245M1	MASSE	473215 <sup>28</sup>	195786H1	IH	418028
194314	AU-WS	413469 <sup>28</sup>	194418	AU-WS	470625 <sup>28</sup>	195255M1	MASSE	455008	195870M1	MASSE	472560N <sup>28</sup>
194316	AU-WS	417487	194419	AU-WS	350414	195271M1	MASSE	6668S	195870M1	MASSE	50151S
194316	AU-WS	455086	194419	AU-WS	472311 <sup>28</sup>	195287M1	MASSE	480630 <sup>28</sup>	19588F	OSHKO	415138 <sup>28</sup>
194318	AU-WS	410825	194420	AU-WS	415437	195291M1	MASSE	470120	1959	TIMKE	1959
194320	AU-WS	417538	194421	AU-WS	415027	195291M1	MASSE	471224 <sup>28</sup>	195925M91	MASSE	40140S
194322	AU-WS	450352	194422	AU-WS	472185 <sup>28</sup>	1953	WMG	1953	19596	C-R	1948
194322	AU-WS	472164 <sup>28</sup>	194423	AU-WS	471466 <sup>28</sup>	195321M1	MASSE	240735	19596	SKF	1948
194324	AU-WS	450115	194423H1	HOUGH	416404 <sup>28</sup>	19534	EATON	450082	19599	C-R	710192
194324	AU-WS	473467 <sup>28</sup>	194425	AU-WS	415899N	19534	EATON	473238	19599	SKF	710192
194326	AU-WS	455290	194425	AU-WS	416624N	19535	EATON	410737 <sup>28</sup>	196	C-R	5095
194326	B-L-H	455290	194426	AU-WS	415085 <sup>28</sup>	19535	EATON	450737	196	SKF	5095
194326	CLARK	455290	194427	AU-WS	240733	19536	EATON	411253 <sup>28</sup>	1960	TIMKE	1960
194328	AU-WS	455195	194428	AU-WS	240735	19536	EATON	450099	19600	C-R	225010
194328	AU-WS	472157 <sup>28</sup>	194429	AU-WS	415004	195367M1	MASSE	46997S	19600	C-R	50X65X8 <sup>28</sup>
194330	AU-WS	450143	194429	AU-WS	417316 <sup>28</sup>	19537	EATON	416654 <sup>28</sup>	19600	SKF	225010
194332	AU-WS	450519	194430	AU-WS	471138 <sup>28</sup>	19537	EATON	455012	19600	SKF	50X65X8
194332	AU-WS	471271 <sup>28</sup>	194431	AU-WS	417343 <sup>28</sup>	1953S	TIMKE	1953	19601	C-R	710354
194334	AU-WS	471689 <sup>28</sup>	194432	AU-WS	417344 <sup>28</sup>	1954	NATL	224820	19601	SKF	710354
194338	AU-WS	416956	194435	AU-WS	473237 <sup>28</sup>	195452M1	MASSE	472354 <sup>28</sup>	196011	SPERY	471272 <sup>28</sup>
194342	AU-WS	6590S	194436	AU-WS	470954 <sup>28</sup>	195452M1	MASSE	50395S	19602	C-R	225005
194354	AU-WS	55301S	19445	C-R	450965	195458M1	MASSE	50528	19602	C-R	50X62X7 <sup>28</sup>
194358	AU-WS	331107N	19445	SKF	450965	195459M1	MASSE	450194	19602	SKF	225005
194362	AU-WS	455018	19449	C-R	417474	195459M1	MASSE	473010	19602	SKF	50X62X7
194362	AU-WS	476470	19449	SKF	417474	195474M1	MASSE	450389	196035M1	MASSE	471760
194366	AU-WS	455406 <sup>28</sup>	194495	US-EL	472397 <sup>28</sup>	195474M1	MASSE	472492 <sup>28</sup>	19604	C-R	710098
194370	AU-WS	455584	19466	C-R	456057	1955	TIMKE	1955	19604	SKF	710098
194372	AU-WS	410987 <sup>28</sup>	19466	SKF	456057	195501M1	MASSE	472560N <sup>28</sup>	19605	C-R	1209
194372	AU-WS	450103	1947	NATL	228020	195501M1	MASSE	50151S	19605	C-R	50X65X8 <sup>28</sup>
194374	AU-WS	480210 <sup>28</sup>	1947	NATL	80X105X13 <sup>28</sup>	195506M1	MASSE	470334 <sup>28</sup>	19605	SKF	1209
194376	AU-WS	450085				195523M1	MASSE	450604	19605	SKF	50X65X8
194376	AU-WS	470530 <sup>28</sup>	194707XX	TIMKE	19X47X7	195536	CLARK	470954 <sup>28</sup>	1960553	GMC	3667
19438	C-R	473461	1947581	CHRY	3095	19554	C-R	225040	19606	C-R	1209
19438	SKF	473461	1948	TIMKE	1948	19554	SKF	225040	19606	SKF	1209
194380	AU-WS	470548	1949	TIMKE	1949	195555M1	MASSE	450083	196069	HYST	411245 <sup>28</sup>

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<sup>28</sup>Industrial Size/Type



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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
19607	C-R	473814	19639	SKF	710398	19687	SKF	710117	197752	SPERY	415281N
19607	SKF	473814	19640	C-R	225030	19689	C-R	710071	19777	C-R	471424V
196071	HYST	417352	19640	C-R	50X72X8 <sup>28</sup>	19689	SKF	710071	19777	SKF	471424V
196071	HYST	418028	19640	SKF	225030	196927	SPERY	415867	19778	C-R	471870 <sup>28</sup>
196072	HYST	J1122	19640	SKF	50X72X8	19695A	C-R	710674	19778	SKF	471870
19608	C-R	1948	19641	C-R	225040 <sup>29</sup>	19695A	SKF	710674	1978	WMG	224270
19608	C-R	50X68X8 <sup>28</sup>	19641	SKF	225040	19698	C-R	476512	19784	C-R	4739
19608	SKF	1948	19643	C-R	450474 <sup>29</sup>	19698	SKF	476512	19784	SKF	4739
19608	SKF	50X68X8	19643	C-R	5695	19707D	IH	471570 <sup>28</sup>	19785	C-R	470543
19609	C-R	710732	19643	SKF	450474	19709	C-R	1941	19785	C-R	474272 <sup>28,29</sup>
19609	SKF	710732	19643	SKF	5695	19709	SKF	1941	19785	SKF	470543
19610	C-R	7751H	19644	C-R	5695	197131	STUDE	473438	19785	SKF	474272
19610	SKF	7751H	19644	SKF	5695	197132	STUDE	450115	19786	C-R	474272 <sup>29</sup>
1961007	LILIS	470380 <sup>28</sup>	19645	C-R	50X72X8 <sup>28</sup>	197132	STUDE	473467	19786	SKF	474272
19611	C-R	225020	19645	SKF	50X72X8	19720	C-R	200885	1979	TIMKE	1979
19611	SKF	225020	196452C1	IH	412943	19720	SKF	200885	19793	C-R	710365
19612	C-R	229522	196465H1	HOUGH	415023	197269	STUDE	473211 <sup>28</sup>	19793	SKF	710365
19612	SKF	229522	196465H1	IH	415023	1973	TIMKE	1973	19797	LEECE	470712 <sup>28</sup>
19613	C-R	710194	19649	C-R	50X72X8 <sup>28</sup>	19730	C-R	4189H	197974H1	HOUGH	415003
19613	SKF	710194	19649	SKF	50X72X8	19730	SKF	4189H	197974H1	HOUGH	415458 <sup>28</sup>
19615	C-R	450472 <sup>28</sup>	196495	ALLCH	416339	1973110	OSHKO	370003A	19799	C-R	3404
19615	SKF	450472	196496	ALLCH	415867	19739	C-R	452261H	19799	C-R	3404V
196183	STUDE	240698	1965	TIMKE	1965	19739	SKF	452261H	19799	SKF	3404
19619	C-R	1948 <sup>29</sup>	19651	C-R	710899	1974	TIMKE	1974	19799	SKF	3404V
19619	C-R	50X68X8 <sup>28</sup>	19651	SKF	710899	19743	C-R	4148	1980	NATL	3771
19619	SKF	1948	19654	C-R	50X75X12 <sup>28</sup>	19743	SKF	4148	19803	C-R	5113
19619	SKF	50X68X8	19654	SKF	50X75X12	19745	C-R	352541	19803	SKF	5113
1962	TIMKE	1962	19654	SKF	50X75X12	19745	C-R	452261H	19807	C-R	331107N
19620	C-R	450911N <sup>28</sup>	19655	C-R	50X75X7	19745	SKF	352541	19807	SKF	331107N
19620	SKF	450911N	19655	SKF	50X75X7	19745	SKF	452261H	1981	TIMKE	1981
19621	C-R	710194	19656	C-R	710137	19746	C-R	40410S	1981	VIC	222430
19621	SKF	710194	19656	SKF	710137	19746	SKF	40410S	198116	ALLCH	474276 <sup>28</sup>
19622	C-R	225005	19660	C-R	40370S	19748	C-R	40401	19812D	IH	470027
19622	SKF	225005	19660	SKF	40370S	19748	SKF	40401	19812D	IH	471554 <sup>28</sup>
19623	C-R	710529	19662	C-R	225050	19750	FMC	470059	19817D	IH	470027
19623	SKF	710529	19662	C-R	50X80X8 <sup>28</sup>	19750	FMC	470380 <sup>28</sup>	19817D	IH	471554 <sup>28</sup>
19624	C-R	710226	19662	SKF	225050	19753	C-R	4739	19818K	SUL	471750 <sup>28</sup>
19624	SKF	710226	19662	SKF	50X80X8	19753	C-R	8871	19819	FAIRB	470050
19626	C-R	1974	19664	C-R	50X80X8	19753	SKF	4739	1982	NATL	3771
19626	SKF	1974	19664	SKF	50X80X8	19753	SKF	8871	1982	WMG	3771
19627	C-R	1974	19665	C-R	225050	19754	C-R	40401	19820	C-R	5865
19627	SKF	1974	19665	C-R	50X80X8 <sup>28</sup>	19754	SKF	40401	19820	SKF	5865
19628	C-R	1974	19665	SKF	225050	19757	C-R	9015S <sup>29</sup>	198291	HYST	417349 <sup>28</sup>
19628	C-R	710357	19665	SKF	50X80X8	19757	SKF	9015S	1983	NATL	225230
19628	SKF	1974	19668	C-R	225082	1975S	TIMKE	1975	1983	NATL	52X72X8 <sup>28</sup>
19628	SKF	710357	19668	SKF	225082	1976	NATL	223542	19831	C-R	472492 <sup>28</sup>
196286	SPERY	473313 <sup>28</sup>	19671	C-R	710888	1976	NATL	35X55X11 <sup>28</sup>	19831	SKF	472492
196298	ALLCH	415142	19671	SKF	710888	1976	C-R	471424 <sup>28</sup>	19832	C-R	710447
1962984	ALLCH	415142	196737	STUDE	473245 <sup>28</sup>	19760	SKF	471424	19832	SKF	710447
19630	C-R	1960	196742	STUDE	473450	19760	IH	475003N	19834	C-R	40389S
19630	SKF	1960	19675	C-R	50X85X8	19761D	SKF	471424	19834	SKF	40389S
19632	C-R	50X70X8 <sup>28</sup>	19675	SKF	50X85X8	19762	C-R	471424	19839	C-R	3404
19632	C-R	50X70X9 <sup>28</sup>	19676	C-R	710225	19762	SKF	471424	19839	C-R	472492V
19632	SKF	50X70X8	19676	SKF	710225	19763	C-R	4148	19839	SKF	3404
19632	SKF	50X70X9	19677	C-R	225082	19763	SKF	4148	19839	SKF	472492V
19635	C-R	710173	19677	SKF	225082	19768	C-R	9406S	1984	TIMKE	1984
19635	SKF	710173	1968	NATL	1174	19768	SKF	9406S	19840	C-R	472492V
1963807C1	CASE	471264 <sup>28</sup>	1968	TIMKE	1174	197705A	OLIVE	450400	19840	SKF	472492V
1963843C1	CASE	472705 <sup>28</sup>	19682	GEM	240319	19773	C-R	3794	19844	C-R	200881
19639	C-R	710398	19687	C-R	710117	19773	SKF	3794	19844	SKF	200881

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
198477	ALLCH	416282	199334	WAUKE	455070	19X32X8SC	TRSCM	19X32X8	1B1785	CATER	415034 <sup>28</sup>
19848	C-R	472653 <sup>28</sup>	199379	STUDE	5778	19X32X8TC	TRSCM	19X32X8	1B1785	CATER	455034
19848	SKF	472653	199379X1	STUDE	5778	19X35X10	NATL	45031S	1B2245	CATER	450076
19851	C-R	493524	19938	C-R	205044	19X40X10	SIMRT	19X40X10	1B2245	CATER	470334 <sup>28</sup>
19851	SKF	493524	19938	SKF	205044	19X40X10	TIMKE	19X40X10	1B2256	CATER	413469 <sup>28</sup>
19852	C-R	331301N	19939	C-R	4598	19X40X10SC	TRSCM	19X40X10	1B2257	CATER	450078
19852	SKF	331301N	19939	C-R	714598	19X40X10TC	TRSCM	19X40X10	1B2257	CATER	473444 <sup>28</sup>
198578	ALLCH	415234 <sup>28</sup>	19939	SKF	4598	1A122	NOVO	471466 <sup>28</sup>	1B2258	CATER	450066
19857D	IH	450048	19939	SKF	714598	1A3253	LEYLD	472258 <sup>28</sup>	1B2258	CATER	473367 <sup>28</sup>
1986S	TIMKE	1986	1994	TIMKE	1994	1A3472	FED	450076	1B2346	CATER	470059
198742H1	IH	415447	19940	C-R	205044 <sup>29</sup>	1A3472	FED	470334 <sup>28</sup>	1B2346	CATER	470380 <sup>28</sup>
19876	C-R	6163S	19940	SKF	205044	1A3473	FED	471750 <sup>28</sup>	1B2418	CATER	450083
19876	SKF	6163S	199417	B-L-H	410519	1A3480	FED	473215 <sup>28</sup>	1B2418	CATER	472924 <sup>28</sup>
1987S	TIMKE	1987	199417	B-L-H	471271 <sup>28</sup>	1A3737	FED	450085	1B2418	WESTR	450083
19880	C-R	200339	199451A	WAUKE	J1107	1A3737	FED	470530 <sup>28</sup>	1B2418	WESTR	472924 <sup>28</sup>
19880	C-R	472924	199451C	WAUKE	J1115	1A4194	FED	45637S	1B2477	CATER	416125 <sup>28</sup>
19880	SKF	200339	19955	C-R	710555	1A4256	FED	481568 <sup>28</sup>	1B2729	CATER	450085
19880	SKF	472924	19955	SKF	710555	1A4664	FED	6460S	1B2729	CATER	470530 <sup>28</sup>
19881	CLAYN	416404 <sup>28</sup>	199653R91	IH	471195 <sup>28</sup>	1A50-33-065	MAZDA	710522	1B4868	CATER	415025
19882	C-R	8998	199653R91	IH	481195	1A5543	FED	450066	1B5756	STERL	415960 <sup>28</sup>
19882	SKF	8998	19966	C-R	3404	1A5543	FED	473367 <sup>28</sup>	1B5756	STERL	455009
19884	C-R	320259	19966	SKF	3404	1A6032	FED	340385	1B5934	STERL	470059
19884	SKF	320259	19969	C-R	450085	1A6054	FED	417344 <sup>28</sup>	1B5934	STERL	470380 <sup>28</sup>
19886	C-R	472924 <sup>28</sup>	19969	C-R	470530 <sup>28,29</sup>	1A6054	FED	455006	1B5990	CATER	470088
19886	SKF	472924	19969	SKF	450085	1A7214	FED	471689 <sup>28</sup>	1B5997	CATER	471354 <sup>28</sup>
19887	C-R	472924 <sup>28</sup>	19969	SKF	470530	1A7222	FED	450067	1B6029	CATER	470074
19887	SKF	472924	1997	NATL	1012N	1A7222	FED	473228	1B6029	CATER	474265
198908	ALLCH	415725 <sup>28</sup>	1997	NATL	45X62X8 <sup>28</sup>	1A-7288A	FORD	7399S	1B6098	STERL	473215 <sup>28</sup>
198921	US-EL	471138 <sup>28</sup>	19970	C-R	410085	1A7372	FED	471192	1B6154	STERL	5751
19896	C-R	472924 <sup>28</sup>	19970	C-R	410085N	1A78062	FWD	473227	1B6256	LEYLD	471224 <sup>28</sup>
19896	SKF	472924	19970	SKF	410085	1A78062	WAUKE	473227	1B6363	STERL	370036A
198975	STUDE	8160S	19970	SKF	470530	1AA9424	WHITE	450067	1B6389	STERL	415137 <sup>28</sup>
199	C-R	5092	199717R91	IH	472299	1AA9424	WHITE	473228	1B6389	STERL	418028
199	SKF	5092	19980D	IH	412861	1AD9424	WHITE	450066	1B6391	STERL	417159
1990	TIMKE	1990	19982	C-R	714654	1AD9424	WHITE	473367 <sup>28</sup>	1B6574	FED	6186
19900	C-R	450083	19982	SKF	714654	1AG9424	SPICE	450183	1B7308	FED	471466 <sup>28</sup>
19900	SKF	450083	19984	C-R	8871	1AG9424	SPICE	472179	1B7493	NAPCO	412119 <sup>28</sup>
199044H1	HOUGH	415304	19984	SKF	8871	1AG9424	WHITE	450183	1B7493	NAPCO	450101
199044H1	HOUGH	476470 <sup>28</sup>	1999	TIMKE	1999	1AG9424	WHITE	472179	1B936	CATER	415001 <sup>28</sup>
19905	C-R	710263	19992	C-R	472397 <sup>28</sup>	1AK9424	WHITE	450117	1B936	CATER	455001
19905	SKF	710263	19992	SKF	472397	1AK9424	WHITE	472572 <sup>28</sup>	1B9919	CATER	471466 <sup>28</sup>
199050	STUDE	350414	19993	C-R	472397 <sup>28</sup>	1AN9424	WHITE	450083	1B9919	WESTR	471549 <sup>28</sup>
199050	STUDE	472311 <sup>28</sup>	19993	SKF	472397	1AN9424	WHITE	472924 <sup>28</sup>	1BA9424	WHITE	415449 <sup>28</sup>
199072	JEFF	471192	19995	C-R	472397V	1AR9424	WHITE	472015 <sup>28</sup>	1BA9424	WHITE	455147
1991	NATL	1953	19995	SKF	472397V	1AU9424	WHITE	411253 <sup>28</sup>	1BA9425	WHITE	475009N
1991	NATL	42X60X7 <sup>28</sup>	19DKB-0214	WHITE	475009N	1AU9424	WHITE	450099	1BB9425	WHITE	415147
199114	JEFF	417357	19DT633	OSHKO	415379	1AV9424	WHITE	450316	1BB9425	WHITE	415449 <sup>28</sup>
199114	JEFF	455192 <sup>28</sup>	19FK0431	WHITE	415147	1AV9424	WHITE	472636 <sup>28</sup>	1BG9424	WHITE	417316 <sup>28</sup>
199123R91	IH	456618	19FK0431	WHITE	415449 <sup>28</sup>	1AX9425	WHITE	416271 <sup>28</sup>	1BG9424	WHITE	455004
199124R91	IH	415351 <sup>28</sup>	19SKB-0214	WHITE	472164 <sup>28</sup>	1B1057	CATER	411253 <sup>28</sup>	1BH9425	WHITE	475009N
1992	TIMKE	1992	19SKB-024	WHITE	472164 <sup>28</sup>	1B1057	CATER	450099	1BJ9424	WHITE	415960 <sup>28</sup>
19922	C-R	472082	19UG-0214	WHITE	473227 <sup>28</sup>	1B1064	CATER	415960 <sup>28</sup>	1BJ9424	WHITE	455009
19922	SKF	472082	19UG-024	WHITE	473227 <sup>28</sup>	1B1064	CATER	455009	1BJ9425	WHITE	417344 <sup>28</sup>
199294H1	HOUGH	473010 <sup>28</sup>	19UG-0431	WHITE	411253 <sup>28</sup>	1B1065	CATER	415023	1BK9424	WHITE	416404 <sup>28</sup>
1992M	BRAD	450025	19X023016XX	TIMKE	190X230X16	1B1069	CATER	450593 <sup>28</sup>	1BK9425	WHITE	417344 <sup>28</sup>
1992M	BRAD	471553 <sup>28</sup>	19X27X6	TIMKE	19X27X6	1B1072	CATER	450043	1BN9424	WHITE	417487
1993	TIMKE	1993	19X27X6SC	TRSCM	19X27X6	1B1072	CATER	473419	1BN9424	WHITE	455014
199303	US-EL	471255 <sup>28</sup>	19X27X6TC	TRSCM	19X27X6	1B1443	OLIVE	455434	1BR9424	WHITE	416011
19933	KINGN	473205	19X32X7	SIMRT	19X32X8	1B1477	FED	412119 <sup>28</sup>	1BR9424	WHITE	417621 <sup>28</sup>
199334	WAUKE	416865 <sup>28</sup>	19X32X8	TIMKE	19X32X8	1B1477	FED	450101	1BR9425	WHITE	417171 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1BS9424	SPICE	417171 <sup>2B</sup>	1E105	DIA	472144 <sup>2B</sup>	1-ES16007	MERIX	415351 <sup>2B</sup>	1F82-10-602	MAZDA	473560N
1BS9424	WHITE	417171 <sup>2B</sup>	1E1087	OLIVE	470169	1-ES16007	ROCKW	415351 <sup>2B</sup>	1F880	CATER	416865 <sup>2B</sup>
1BV9424	WHITE	417181 <sup>2B</sup>	1E1087	OLIVE	473214 <sup>2B</sup>	1-ES16098	MERIX	473475	1F880	CATER	455070
1BW9424	WHITE	415023	1E1110	OLIVE	410987 <sup>2B</sup>	1-ES16098	ROCKW	473475	1G9424	WHITE	470027
1C101118	BORGW	470950 <sup>2B</sup>	1E1110	OLIVE	450103	1-ES16325	MERIX	416865 <sup>2B</sup>	1G9424	WHITE	471554 <sup>2B</sup>
1C101118	BORGW	6241S	1E14-10-602	MAZDA	711002	1-ES16325	MERIX	455070	1H1036	CATER	341022
1C108	NOVO	450593 <sup>2B</sup>	1E1443	OLIVE	471138 <sup>2B</sup>	1-ES16325	ROCKW	416865 <sup>2B</sup>	1H1110	OLIVE	450316
1-C193	NOVO	473016 <sup>2B</sup>	1E1569	OLIVE	412871 <sup>2B</sup>	1-ES16325	ROCKW	455070	1H1110	OLIVE	472636 <sup>2B</sup>
1-C199	NOVO	470064	1E1569	OLIVE	450329	1-ES16652	MERIX	481073	1H2265	CATER	470351
1-C199	NOVO	471821 <sup>2B</sup>	1E1582	OLIVE	470565 <sup>2B</sup>	1-ES16652	ROCKW	481073	1H2265	CATER	471504 <sup>2B</sup>
1C24-1190-BA	FORD	710625	1E1588	OLIVE	451817	1-ES17764	MERIX	416654 <sup>2B</sup>	1H2439	CATER	415995 <sup>2B</sup>
1C2Z-1175-BA	FORD	710625	1E1590	OLIVE	351267	1-ES17764	MERIX	455012	1H2439	CATER	455013
1C2Z-1S175-BA	FORD	710625	1E1590	OLIVE	471267 <sup>2B</sup>	1-ES17764	ROCKW	416654 <sup>2B</sup>	1H275	OLIVE	6863S <sup>2B</sup>
1C2Z-4676-AA	FORD	100715V	1E174	DIA	5827	1-ES17764	ROCKW	455012	1H3275	MG	471835 <sup>2B</sup>
1C34-3N296-AA	FORD	710482	1E267	ALLCH	455008	1-ES1851	MERIX	415035	1H4439	CATER	240356
1C34-3N296-BA	FORD	100712V	1E3377	OLIVE	450389	1-ES1851	ROCKW	415035	1H4663	CATER	470565 <sup>2B</sup>
1C34-4676-AA	FORD	710577	1E3377	OLIVE	472492 <sup>2B</sup>	1-ES18511	MERIX	415035	1H5959	CATER	473016 <sup>2B</sup>
1C3Z-4676AA	FORD	710577	1E3512	OLIVE	240009	1-ES18511	ROCKW	415035	1H5959	WESTR	473016 <sup>2B</sup>
1C3Z-4L616-AA	FORD	100712V	1E575	OLIVE	240731	1-ES18576	MERIX	471267 <sup>2B</sup>	1H790	OLIVE	415035
1C3Z-4L616-AA	FORD	710482	1E620	OLIVE	472299	1-ES18576	ROCKW	471267 <sup>2B</sup>	1H8371	CATER	471192
1C3Z-4L616-BA	FORD	100712V	1E693	OLIVE	450298	1-ES18612	MERIX	415836	1J2150	CATER	415991
1CA60536	FWD	450185	1E693	OLIVE	473239	1-ES18612	MERIX	415995 <sup>2B</sup>	1J2150	CATER	455146 <sup>2B</sup>
1CA60536	FWD	473229	1E930	OLIVE	340120	1-ES18612	ROCKW	415836	1J2258	CATER	416666
1CAA9424	WHITE	415302	1-EC-0424	WHITE	415437	1-ES18612	ROCKW	415995 <sup>2B</sup>	1J2381	CATER	471281 <sup>2B</sup>
1CD9424	WHITE	417501	1-ES12699	MERIX	415449 <sup>2B</sup>	1-ES20176	MERIX	471570 <sup>2B</sup>	1J2382	CATER	470712 <sup>2B</sup>
1CG9424	WHITE	416339	1-ES12699	MERIX	455147	1-ES20176	ROCKW	471570 <sup>2B</sup>	1J4034	CATER	415027 <sup>2B</sup>
1CG9424	WHITE	455031 <sup>2B</sup>	1-ES12699	ROCKW	415449 <sup>2B</sup>	1EX14398	ALLCH	455200N	1J4034	CATER	415027H
1CR9424	WHITE	412943	1-ES12699	ROCKW	455147	1EX22579	ALLCH	417191	1J4220	CATER	415295
1CS1918	FWD	471466 <sup>2B</sup>	1-ES12783	MERIX	415013	1EX22580	ALLCH	J1123	1J4240	CATER	415295
1CS2049	FWD	450076	1-ES12783	MERIX	415995 <sup>2B</sup>	1EX24199	ALLCH	471760	1J4587	CATER	470895
1CS2049	FWD	470334 <sup>2B</sup>	1-ES12783	ROCKW	415013	1EX26327	ALLCH	450389	1J7063	CATER	415138 <sup>2B</sup>
1CU9424	WHITE	411245 <sup>2B</sup>	1-ES12783	ROCKW	415995 <sup>2B</sup>	1EX26327	ALLCH	472492 <sup>2B</sup>	1J8388	CATER	410312N
1CU9424	WHITE	455096	1-ES13359	MERIX	416888 <sup>2B</sup>	1F0636	CATER	416107 <sup>2B</sup>	1-JG1	KEN	40468
1-CW109	NOVO	415995 <sup>2B</sup>	1-ES13359	MERIX	455200	1F0636	CATER	455073	1-JG10	KEN	412027
1-CW109	NOVO	455013	1-ES13359	ROCKW	416888 <sup>2B</sup>	1F100175	UNIVE	471689 <sup>2B</sup>	1-JG2	KEN	450494
1CX9424	WHITE	415138 <sup>2B</sup>	1-ES13359	ROCKW	455200	1F11113	MURRA	410987 <sup>2B</sup>	1-JG2	KEN	472164 <sup>2B</sup>
1D1443A	OLIVE	416292	1-ES13360	MERIX	417533	1F11113	MURRA	450103	1-JG3	KEN	416130 <sup>2B</sup>
1D3561	LEYLD	472164 <sup>2B</sup>	1-ES13360	ROCKW	417533	1F20-10-602	MAZDA	223750	1-JG4	KEN	6638S
1D4321	CATER	412943	1-ES13362	MERIX	415035 <sup>2B</sup>	1F20-10-602A	MAZDA	223750	1-JG5	KEN	7866S
1D4324	CATER	412943	1-ES13362	MERIX	455035	1F20-23-657	MAZDA	710600	1-JG6	KEN	416654 <sup>2B</sup>
1D4326	CATER	415988	1-ES13362	ROCKW	415035 <sup>2B</sup>	1F20-23-657U	MAZDA	710600	1-JG6	KEN	455012
1D4327	CATER	416921 <sup>2B</sup>	1-ES13362	ROCKW	455035	1F5477	CATER	471442 <sup>2B</sup>	1JG7	KEN	475009N
1D4901	CATER	412119 <sup>2B</sup>	1-ES13363	MERIX	417504	1F5478	CATER	471255 <sup>2B</sup>	1-JG9	KEN	415016N
1D4901	CATER	450101	1-ES13363	ROCKW	417504	1F5479	CATER	470027	1K01-26-154	MAZDA	710080
1D5567	CATER	470027	1-ES13406	MERIX	416011	1F5479	CATER	471554 <sup>2B</sup>	1K01-26-157	MAZDA	710081
1D5567	CATER	471554 <sup>2B</sup>	1-ES13406	MERIX	417621 <sup>2B</sup>	1F5480	CATER	471570 <sup>2B</sup>	1K02-26-154	MAZDA	710080
1D5568	CATER	471750 <sup>2B</sup>	1-ES13406	ROCKW	416011	1F5482	CATER	470045	1K1110	OLIVE	470163
1D5973	CATER	450065	1-ES13406	ROCKW	417621 <sup>2B</sup>	1F5482	CATER	476838 <sup>2B,29</sup>	1K1110	OLIVE	471766 <sup>2B</sup>
1DA9424	WHITE	416167 <sup>2B</sup>	1-ES13802	MERIX	416865 <sup>2B</sup>	1F5483	CATER	472287 <sup>2B</sup>	1K1443	OLIVE	416921 <sup>2B</sup>
1DA9424	WHITE	455091	1-ES13802	ROCKW	416865 <sup>2B</sup>	1F5484	CATER	470077	1K1443	OLIVE	455011
1DD9424	WHITE	471765 <sup>2B</sup>	1-ES14393	MERIX	415138 <sup>2B</sup>	1F5484	CATER	474281 <sup>2B</sup>	1K1582	OLIVE	323138 <sup>2B</sup>
1DE9424	WHITE	471354 <sup>2B</sup>	1-ES14393	ROCKW	415138 <sup>2B</sup>	1F5485	CATER	415458 <sup>2B</sup>	1K1588	OLIVE	410496 <sup>2B</sup>
1DG9424	WHITE	472144 <sup>2B</sup>	1-ES14801	MERIX	417354 <sup>2B</sup>	1F5485	CATER	455003	1K1590	OLIVE	471192
1DK9424	WHITE	455336	1-ES14801	ROCKW	417354 <sup>2B</sup>	1F5514	CATER	40059S	1K2053	OLIVE	40395
1DN9424	WHITE	473225 <sup>2B</sup>	1-ES15068	MERIX	415138 <sup>2B</sup>	1F5692	CATER	472705 <sup>2B</sup>	1K2053	OLIVE	40395S
1E06-10-602	MAZDA	711002	1-ES15068	ROCKW	415138 <sup>2B</sup>	1F5Z-6701-AA	FORD	228411	1K2212	OLIVE	340413
1E06-27-238A	MAZDA	710798	1-ES15112	MERIX	417196 <sup>2B</sup>	1F636	CATER	416107 <sup>2B</sup>	1K4713	CATER	413478
1E07-10-602	MAZDA	713087	1-ES15112	ROCKW	417196 <sup>2B</sup>	1F636	CATER	455073	1K620	OLIVE	472439
1E08-10-602	MAZDA	713087	1-ES15113	MERIX	417181 <sup>2B</sup>	1F7891	CATER	470219	1K693	OLIVE	455079 <sup>2B</sup>
1E104	DIA	46997S	1-ES15113	ROCKW	417181 <sup>2B</sup>	1F7891	CATER	471649 <sup>2B</sup>	1K6983	CATER	450307

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1K73186	MURRA	416664 <sup>28</sup>	1N02-17-344	MAZDA	710680	1-SPC22A	NOVO	471570 <sup>28</sup>	1X2666	FMC	417262 <sup>28</sup>
1K73186	MURRA	455364	1N02-33-064	MAZDA	710125	1T0467	CATER	710022	1X2666	FMC	455448
1K752A	OLIVE	471571	1N02-33-066	MAZDA	710127	1T1366	CATER	415013N	1X2666	LK-BT	417262 <sup>28</sup>
1K7983	CATER	472924 <sup>28</sup>	1N03-17-343	MAZDA	710666	1T1366	CATER	415995V	1X2666	LK-BT	455448
1K9424	SPICE	471570 <sup>28</sup>	1N04-11-312	MAZDA	228410	1T467	CATER	710022	1X2671	FMC	417357
1K9424	WHITE	471570 <sup>28</sup>	1N04-14-313	MAZDA	225005	1T9424	WHITE	470712 <sup>28</sup>	1X2671	FMC	455192 <sup>28</sup>
1L1110	OLIVE	416271 <sup>28</sup>	1N04-19-442	MAZDA	225210	1U319	ULRIC	450400	1X2671	LK-BT	417357
1L1443	OLIVE	410312N	1N05-11-312	MAZDA	228410	1W6974	CATER	39894	1X2671	LK-BT	455192 <sup>28</sup>
1L2094	CATER	472658	1N05-19-224	MAZDA	710632	1W6977	CATER	39893	1X2738	LK-BT	415995 <sup>28</sup>
1L2094	CATER	473197	1N05-26-036	MAZDA	710108	1WB7	OSHKO	416071	1X2738	LK-BT	455013
1L24-7052AA	FORD	710403	1N06-19-224	MAZDA	710633	1X1137	FMC	415991	1X2833	LK-BT	415187
1L24-7052BA	FORD	4765	1N07-19-224	MAZDA	710634	1X1137	FMC	455146 <sup>28</sup>	1X2834	LK-BT	415066
1L24-7052EA	FORD	223535	1N09-19-224	MAZDA	224026	1X1137	LK-BT	415991	1X2943	LK-BT	417551
1L24-7052GA	FORD	223012	1N10-11-312	MAZDA	228410	1X1137	LK-BT	455146 <sup>28</sup>	1X2944	FMC	J1138
1L24-7B215-EA	FORD	710403	1N11-19-224	MAZDA	710132	1X1138	FMC	416888 <sup>28</sup>	1X2944	LK-BT	J1138
1L24-7B215HA	FORD	3946	1N12-19-224	MAZDA	710632	1X1138	FMC	455200	1X2956	FMC	J1136
1L2P-7052BA	FORD	4765	1N13-19-224	MAZDA	710633	1X1138	LK-BT	416888 <sup>28</sup>	1X2956	LK-BT	J1136
1L2W4B416AA	FORD	100537	1N9424	WHITE	450593 <sup>28</sup>	1X1138	LK-BT	455200	1X2967	FMC	415074
1L2Z4B416AA	FORD	100537	1P003008	BORGW	450069	1X1461	FMC	417238	1X3193	FMC	J1128
1L2Z-7052-AA	FORD	710403	1P003008	BORGW	473232	1X1461	LK-BT	417238	1X3193	LK-BT	J1128
1L2Z-7052BA	FORD	4765	1P5387	CATER	455079 <sup>28</sup>	1X1484	FMC	455117	1X3230	FMC	417255
1L2Z-7052EA	FORD	223535	1P7657	FORD	7692S	1X1501	FMC	415187	1X3230	LK-BT	417255
1L2Z-7052GA	FORD	223012	1P7657A	BORGW	410059	1X1666	FMC	455584	1X3231	LK-BT	J1278
1L2Z-7B215EA	FORD	710403	1P7657A	BORGW	470380 <sup>28</sup>	1X1666	LK-BT	455584	1X3235	FMC	417357
1L2Z-7B215HA	FORD	710664	1P7657A	FORD	410059	1X1743	FMC	415294 <sup>28</sup>	1X3235	LK-BT	417357
1L3W4674AA	FORD	4278	1P7657A	FORD	470380 <sup>28</sup>	1X1743	FMC	455294	1X3235	LK-BT	455192 <sup>28</sup>
1L3W-4676-AB	FORD	4278	1P7657A3	FORD	410059	1X1743	LK-BT	415294 <sup>28</sup>	1X3236	FMC	417551
1L3W-4676-AC	FORD	4278	1P7657A3	FORD	470380 <sup>28</sup>	1X1743	LK-BT	455294	1X3236	LK-BT	417551
1L3Z-4676-A	FORD	4278	1P77288A	FORD	240816	1X1841	FMC	415379 <sup>28</sup>	1X3295	FMC	417556
1L3Z-4676-B	FORD	4278	1P77288B	FORD	7929S	1X1841	FMC	455379	1X3327	FMC	J1124
1L3Z-4676-C	FORD	4278	1P77837	FORD	6988H	1X1841	LK-BT	415379 <sup>28</sup>	1X3329	FMC	J1125
1L4776	CATER	470625 <sup>28</sup>	1P77837A	FORD	6988H	1X1841	LK-BT	455379	1X3330	FMC	J1118
1L4777	CATER	471344	1P77837B	FORD	6988H	1X1843	FMC	450365	1X3330	LK-BT	J1118
1L54-7052CA	FORD	223014	1P77837B3	FORD	6988H	1X1843	FMC	470898 <sup>28</sup>	1X3337	FMC	55563
1L5Z-7052CA	FORD	223014	1P77837B4	FORD	6988H	1X1843	LK-BT	450365	1X3337	LK-BT	55563
1L620	OLIVE	450154	1PS396	C-P	473225 <sup>28</sup>	1X1843	LK-BT	470898 <sup>28</sup>	1X3338	FMC	417541
1L620	OLIVE	473234	1QFL-330	MACK	370019A	1X1861	FMC	417495	1X3338	LK-BT	417541
1L620B	OLIVE	470189	1R12-41-10262	ASTON	710426	1X1861	LK-BT	417495	1X3345	FMC	417512
1L620B	OLIVE	471692 <sup>28</sup>	1R12-41-10525	ASTON	7412S	1X1865	LK-BT	415449 <sup>28</sup>	1X3353	FMC	J1122
1L693	OLIVE	412943	1R33-7052-AA	FORD	7412S	1X1990	FMC	417357	1X3353	LK-BT	J1122
1L7204	CATER	415086N	1R33-7052-CA	FORD	710431	1X2066	FMC	415138 <sup>28</sup>	1X3360	LETN	415449 <sup>28</sup>
1L7204	CATER	417487 <sup>28</sup>	1R3Z-7052-AA	FORD	7412S	1X2098	FMC	417171 <sup>28</sup>	1X3363	FMC	450067
1L9349	CATER	416229	1R3Z-7052-CA	FORD	710431	1X2354	FMC	417298	1X3363	FMC	473228
1M1110	OLIVE	415458 <sup>28</sup>	1R9424	WHITE	470045	1X2354	LK-BT	417298	1X3389	FMC	416239 <sup>28</sup>
1M1110	OLIVE	455003	1R9424	WHITE	476838 <sup>28</sup>	1X2412	FMC	415389	1X3422	FMC	416865 <sup>28</sup>
1M1460	HU-WR	470351	1S1115	CATER	473235 <sup>28</sup>	1X2446	FMC	415035 <sup>28</sup>	1X3423	FMC	455330 <sup>28</sup>
1M1460	HU-WR	471504 <sup>28</sup>	1S1164	CATER	3893V <sup>28</sup>	1X2446	FMC	455035	1X3424	FMC	J1141
1M7657	FORD	410059	1S1369	CATER	456462	1X2446	LK-BT	415035 <sup>28</sup>	1X3446	FMC	415072
1M7657	FORD	470380 <sup>28</sup>	1S6543	CATER	475380N	1X2446	LK-BT	455035	1X3461	FMC	417600
1M77334	FORD	471869	1S7G-6700-AA	FORD	223750	1X25215	IH	416865 <sup>28</sup>	1X3541	FMC	415379 <sup>28</sup>
1M77334	FORD	473459	1S7G-6700-AC	FORD	223750	1X2527	FMC	340469	1X3541	FMC	455379
1N00-19-241	MAZDA	710442	1S7G-6A321-AA	FORD	710600	1X2527	LK-BT	340469	1X3554	FMC	J1134
1N00-19-442	MAZDA	225210	1S7Z-6700-AA	FORD	223750	1X2570	FMC	412920 <sup>28</sup>	1X3589	FMC	417191
1N00-33-064	MAZDA	710125	1S7Z 6K301-AA	FORD	710600	1X2570	FMC	450132	1X3589	FMC	455165 <sup>28</sup>
1N00-33-066	MAZDA	710127	1S7Z-6K301-BA	FORD	710600	1X2570	LK-BT	412920 <sup>28</sup>	1X3591	FMC	J1123
1N01-17-155	MAZDA	710316	1S8814	CATER	415899N	1X2570	LK-BT	450132	1X3686	FMC	416892 <sup>28</sup>
1N01-19-224	MAZDA	710132	1S8814	CATER	416624N	1X2571	LK-BT	470169	1X3693	FMC	416865 <sup>28</sup>
1N01-19-241	MAZDA	710442	1SK9424	WHITE	450117	1X2571	LK-BT	473214	1X3810	FMC	455191
1N01-33-064	MAZDA	710125	1SK9424	WHITE	472572 <sup>28</sup>	1X2578	FMC	410312N	1X3820	FMC	416476 <sup>28</sup>
1N01-33-066	MAZDA	710127	1SPC22	NOVO	471255 <sup>28</sup>	1X2578	LK-BT	410312N	1X3966	FMC	J1131

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
1X3967	FMC	415074	200038	CUMMI	470567N	200133	CLARK	340120	20026696B	CORTE	710790
1X4027	FMC	455396	200039	CUMMI	471272N	200133	TIMKE	200133	20027	C-R	710112
1X4280	FMC	415128	20004	C-R	450301	20013LPD	JN-MN	415043	20027	SKF	710112
1X4395	FMC	J1127	20004	C-R	472397 <sup>28,29</sup>	20014	C-R	710788	200275	MICH	450389
1X4396	FMC	415697 <sup>28</sup>	20004	LEECE	473225 <sup>28</sup>	20014	SKF	710788	200275	MICH	472492 <sup>28</sup>
1X4396	FMC	455547	20004	SKF	450301	2001552	C-R	710586	200283	EATON	8660S
1X4411	FMC	417546 <sup>28</sup>	20004	SKF	472397	200155M1	MASSE	450083	200287	MICH	450083
1X4427	FMC	416154 <sup>28</sup>	20005	C-R	472397 <sup>28</sup>	200155M1	MASSE	472924 <sup>28</sup>	200287	MICH	472924 <sup>28</sup>
1X4429	FMC	J1126	20005	SKF	472397	20016	C-R	710640	200287	UNIVE	450083
1X4461	FMC	416339	20005606	TROS	470645	20016	SKF	710640	200287	UNIVE	472924 <sup>28</sup>
1X4556	FMC	J1140	20006	C-R	40301S	200164M1	MASSE	473238 <sup>28</sup>	200287DSL	MICH	472924 <sup>28</sup>
1X4889	FMC	417600	20006	SKF	40301S	200166M1	MASSE	471750 <sup>28</sup>	20029117	CORTE	710849
1X5446	FMC	415449 <sup>28</sup>	200069	CUMMI	J1111	20017035	CORTE	223230	20029117B	CORTE	710849
1X5448	FMC	416892 <sup>28</sup>	20008	C-R	710593	20017035B	CORTE	223230	200294	EATON	410520
1X5475X	FMC	416865 <sup>28</sup>	20008	SKF	710593	20018	ALLCH	470163	200294	EATON	471272 <sup>28</sup>
1X5589	FMC	417551	2000M-13	MERIX	5408	20018	ALLCH	471766 <sup>28</sup>	2002974	SPICE	714675
1X5603	FMC	481537	2000M-13	ROCKW	5408	20018	C-R	710555	200299	UNIVE	450085
1X5695	FMC	415551	2001	SEAMA	473473	20018	FAIRB	470163	200299	UNIVE	470530 <sup>28</sup>
1X5696	FMC	JX1190	20010	C-R	710651	20018	FAIRB	471766 <sup>28</sup>	2003	FMS	2003N
1X5703	FMC	416229	20010	SKF	710651	20018	MINMA	470163	200300	MICH	450085
1X5703P	FMC	416229	20010004	TROS	471760	20018	MINMA	471766 <sup>28</sup>	200300	MICH	470530 <sup>28</sup>
1X5718X	FMC	417571	20010007	TROS	471760	20018	SKF	710555	200300	UNIVE	450301
1X5785	FMC	470898	20010805	TROS	471763	20018317	CORTE	223801	200300	UNIVE	472397 <sup>28</sup>
1X5832P	FMC	417364	20010807	TROS	471763	20018317B	CORTE	223801	200300HSL	MICH	450085
1X5872P	FMC	415371	200110	TIMKE	200110	2001888	SPICE	370018A	200300HSL	MICH	470530 <sup>28</sup>
1X5924P	FMC	415150 <sup>28</sup>	200111	KOHL	471760	20019549	CORTE	716484	200300ISL	MICH	410085
1X6880	FMC	471271V	200112	KOHL	470120	20019549B	CORTE	716484	200300ISL	MICH	470530 <sup>28</sup>
1X9424	WHITE	471192	200112	KOHL	471224 <sup>28</sup>	20019557	CORTE	710759	200300LSL	MICH	410085
200	MERIX	5401	20011204	TROS	40162S	20019557B	CORTE	710759	200300LSL	MICH	470530 <sup>28</sup>
200	ROCKW	5401	20011207	TROS	471765 <sup>28</sup>	200196	ALLCH	450066	200301	MICH	450301
200	UNIVE	450301	20011244	CORTE	1108	200196	ALLCH	473367 <sup>28</sup>	200301	MICH	472397 <sup>28</sup>
200	UNIVE	472397 <sup>28</sup>	20011244B	CORTE	1108	2002	TIMKE	2002	20030144	CORTE	710812
20000-0600	GARLK	6X16X7	20011604	TROS	471766 <sup>28</sup>	20020383	CORTE	710617	20030144B	CORTE	710812
20000-0905	GARLK	9X22X7	20011604.75	TROS	200338	20020383B	CORTE	710617	200303SA	TRSCM	450301
200000A	CASE	455189	20011605	TROS	471766 <sup>28</sup>	20020389	CORTE	224200	200306	MICH	473463 <sup>29</sup>
200000A	HERCU	455189	20011606	TROS	471766 <sup>28</sup>	20020389B	CORTE	224200	200306	UNIVE	473463
200000B	HERCU	455189	20011607	TROS	470163	200203A	CROSL	6545	200307	CUMMI	39835
20000-1409	GARLK	14X30X7	20011607	TROS	471766 <sup>28</sup>	20020461	CORTE	223005	200307	CUMMI	5133 <sup>28</sup>
20000-1902	GARLK	19X32X8	20011608	TROS	410163	20020461B	CORTE	223005	20031	C-R	3404
20000-1903	GARLK	19X32X8	20011608	TROS	471766 <sup>28</sup>	20020462	CORTE	225530	20031	SKF	3404
200002206	GARLK	22X37X7 <sup>28</sup>	20011610	TROS	470163	20020462B	CORTE	225530	20031171	CORTE	710279
20000-3402	GARLK	34X52X8	20011610	TROS	471766 <sup>28</sup>	20020463	CORTE	222820	20031171B	CORTE	710279
20000-3403	GARLK	34X52X8	20012	C-R	471762 <sup>28</sup>	20020463B	CORTE	222820	2003119	GMC	482041N
20000-3404	GARLK	34X52X8	20012	C-R	710437	2002245	GMC	473243	200312	UNIVE	473242
20000-3601	GARLK	36X52X7	20012	GOODM	471762 <sup>28</sup>	200234T	BR-WN	417344 <sup>28</sup>	200313	MICH	473242
20000-3604	GARLK	36X62X7 <sup>28</sup>	20012	SKF	471762	200234T	BR-WN	455006	20031720	CORTE	710799
20000-4533	GARLK	45X85X10	20012	SKF	710437	200236	EATON	416444	20031720B	CORTE	710799
20000-4534	GARLK	45X85X10	20012005	TROS	473210	20024	C-R	710842	200318	UNIVE	450095
20000-5205	GARLK	52X80X10	20012005C	TROS	473210	20024	SKF	710842	200318	UNIVE	473464 <sup>28</sup>
20000-5300	GARLK	53X68X10	20012006	TROS	473210	20026265	CORTE	710580	200319	MICH	450095
20000-5301	GARLK	53X68X10	20012405	TROS	472258 <sup>28</sup>	20026265B	CORTE	710580	200319	MICH	473464 <sup>28</sup>
20000-5611	GARLK	56X80X8	20012405.25	TROS	472258 <sup>28</sup>	20026342	CORTE	231003	20031906	CORTE	710813
200005793	WHITE	417254	20012405.5	TROS	5872S	20026342B	CORTE	231003	20031906B	CORTE	710813
20000-7500	GARLK	75X90X10	20012406	TROS	472258 <sup>28</sup>	20026412	CORTE	710618	200322	TIMKE	200322
20000-9200	GARLK	92X120X13	20012407	TROS	472258 <sup>28</sup>	20026412B	CORTE	710618	200325	UNIVE	412027
20001	C-R	710265	200129	WILYS	416738 <sup>28</sup>	20026532	CORTE	710289	20032LUP	JN-MN	416125 <sup>28</sup>
20001	SKF	710265	200129	WILYS	450096	20026532B	CORTE	710289	20033462	CORTE	710848
20001-0407	GARLK	145X180X12	20012K	GOODM	471762 <sup>28</sup>	20026695	CORTE	710788	20033462B	CORTE	710848
20003	LEECE	416738 <sup>28</sup>	20013203.5	TROS	240319	20026695B	CORTE	710788	20033483	CORTE	3772
20003	LEECE	450096	20013204	TROS	481163 <sup>28</sup>	20026696	CORTE	710790	20033483B	CORTE	3772

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
200334M1	MASSE	417316 <sup>28</sup>	200490	HYST	415854	200886S	TIMKE	200886	2012455	GMC	3136N
200334M1	MASSE	455004	2004958	SPICE	100712V	200887	TIMKE	200887	20125	C-R	410102 <sup>29</sup>
200337	MICH	410102	20050	SPICE	370036A	200897SSL	MICH	6163S	20125	SKF	410102
200338	TIMKE	200338	20050	SPICE	370349A	200903	WILYS	340797	20127	C-R	410102
20033872	CORTE	711007	20050	SPICE	380036A	2009496	GR-DV	J1123	20127	SKF	410102
20033872B	CORTE	711007	20051258	DURA	471763	2009497	GR-DV	416294 <sup>28</sup>	2012V	TIMKE	2012V
20033889	CORTE	710786	20053	C-R	473463	2009633	GR-DV	416239 <sup>28</sup>	2013	NATL	1012N
20033889B	CORTE	710786	2-0053	SKF	473463	2009750	GR-DV	415004	201311	WILYS	8160S
20033890	CORTE	710785	200539	HARRI	472658	2009750	GR-DV	417316 <sup>28</sup>	2013300151	MERCE	239155
20033890B	CORTE	710785	200539	HARRI	473197	2009751	GR-DV	417343 <sup>28</sup>	20137	MICH	471255 <sup>28</sup>
200339	TIMKE	200339	20054	C-R	473463	2009752	GR-DV	417172	20137	UNIVE	471255 <sup>28</sup>
20033979	CORTE	710811	2-0054	SKF	473463	2009753	GR-DV	417366 <sup>28</sup>	201377	GW	471567 <sup>28</sup>
20033979B	CORTE	710811	200544	HARRI	417502	2009755	GR-DV	416288 <sup>28</sup>	20140	C-R	455253 <sup>29</sup>
200340B	HERCU	45637S	20055	C-R	473463	2009756	GR-DV	J1130	20140	SKF	455253
200340B	HOUGH	45637S	20055	SKF	473463	2009757	GR-DV	J1127	201400	MECH	370124A
20034275	CORTE	710600	20059	C-R	473463	20098	C-R	450095	201412	BENDI	471267V
20034275B	CORTE	710600	20059	SKF	473463	20098	C-R	473464 <sup>28,29</sup>	2014181	GMC	450070
20034288	CORTE	710789	2005932	SPICE	710701	20098	SKF	450095	2014181	GMC	472185 <sup>28</sup>
20034288B	CORTE	710789	200598	KOHL	340469	20098	SKF	473464	20144	C-R	487945
20034737	CORTE	710279	20060	GARLK	471442 <sup>28</sup>	2009802	SPICE	100712V	20144	SKF	487945
20034737B	CORTE	710279	200600	TIMKE	200600	200996	CLARK	470219	20146	C-R	410102
20034738	CORTE	710761	20060024	DURA	473236 <sup>28</sup>	200996	CLARK	471649 <sup>28</sup>	20146	C-R	410972N
20034738B	CORTE	710761	2006082	GMC	415991	200997	ALLCH	411253 <sup>28</sup>	20146	C-R	5188 <sup>28</sup>
20034739	CORTE	225530	2006082	GMC	455146 <sup>28</sup>	200997	ALLCH	450099	20146	SKF	410102
20034739B	CORTE	225530	2006216	EATON	415009N	200A11204	TROS	40576S	20146	SKF	410972N
20034744	CORTE	710759	200640	TIMKE	200640	200A11205	TROS	40576S	20146	SKF	5188
20034744B	CORTE	710759	200640S	TIMKE	200640	200W-12	IH	471762 <sup>28</sup>	2014686	HENRY	40401
200348	HARRI	480630 <sup>28</sup>	200641	TIMKE	200641	200X230X15	TIMKE	200X230X15	20148	C-R	204506 <sup>28</sup>
20035	FMC	410102	200642	TIMKE	200642	200X230X15SC	TRSCM		20148	C-R	487945
20035182	CORTE	710822	2006512	GMC	370034A	200X230X15 <sup>28</sup>			20148	SKF	204506
20035182B	CORTE	710822	2006522	EATON	415938	200X230X15TC	TRSCM		20148	SKF	487945
200354	TIMKE	200354	2006523	GMC	3143N <sup>29</sup>	200X230X15 <sup>28</sup>			2014835	SPICE	710701
20035843	CORTE	710449	20067	C-R	710732	201	C-R	5118	201495	BORGW	240009
20035843B	CORTE	710449	20067	SKF	710732	201	SKF	5118	201495	JEFF	472439
20035911	CORTE	231004	2007	FMS	2007N	201	UNIVE	450311	20158	C-R	55524
20035911B	CORTE	231004	20070	C-R	473242	20100	C-R	473464	20158	SKF	55524
20036307	CORTE	229010	20070	SKF	473242	20100	SKF	473464	2016169	GMC	370001A
20036307B	CORTE	229010	20072	GARLK	471526 <sup>28</sup>	2010071	GMC	410496 <sup>28</sup>	2016169	GMC	380001A
200371	TIMKE	200371	200752	TIMKE	200752	201010A	TW-DI	415437	20168	C-R	5329
2003712	GMC	416167 <sup>28</sup>	200757H1	IH	473010N	2010451	GMC	485364N	20168	SKF	5329
2003712	GMC	455091	200763	TIMKE	200763	20108D	IH	473215 <sup>28</sup>	2016938	EATON	455186
2003754	GW	471267 <sup>28</sup>	20078	C-R	412725	20109	C-R	412027	201693800	EATON	455186
200378	WILYS	42763	20078	SKF	412725	20109	SKF	412027	2017341	GMC	50327
20038	C-R	1993	20079	C-R	412725	2011	UNIVE	450291	2017426	SPICE	710685
20038	SKF	1993	20079	SKF	412725	2011	UNIVE	471141 <sup>28</sup>	2017948	EATON	450082
200392	TIMKE	200392	2007N	TIMKE	2007N	2011035	WOOL	417267	2017948	EATON	473238
2003N	TIMKE	2003N	2008	NATL	32X54X10	20112	MICH	471466 <sup>28</sup>	201794800	EATON	473238 <sup>28</sup>
2003RC	SUL	416888 <sup>28</sup>	20081	GARLK	471472 <sup>28</sup>	20112	UNIVE	471466 <sup>28</sup>	201799R91	IH	470898
2003RC	SUL	455200	200851	TIMKE	200851	201140R91	IH	415351 <sup>28</sup>	20170S	JN-MN	415150 <sup>28</sup>
200420	WILYS	5778	200854	TIMKE	200854	2011488	GMC	473010N	2018206	Y-T	455330 <sup>28</sup>
20043	SIDEW	470380 <sup>28</sup>	200855	TIMKE	200855	20118	C-R	8139	201820600	EATON	455330 <sup>28</sup>
20044	C-R	204508 <sup>28</sup>	200855S	TIMKE	200855	20118	SKF	8139	2019	SEAMA	473227
20044	C-R	473463	200859	TIMKE	200859	2011840	SPICE	710577	2019130	EATON	415001 <sup>28</sup>
20044	SKF	204508	200861	TIMKE	200861	201197	WILYS	240151	2019130	EATON	455001
20044	SKF	473463	200865	TIMKE	200865	2012	FMS	2012V	201933R91	IH	473463
200446	HYST	410825	200870	TIMKE	200870	2012	SEAMA	455144	2019766	EATON	450084 <sup>28</sup>
200447	HYST	475009N	2008723	GMC	370001A	201204R91	IH	412871 <sup>28</sup>	201VB7	MARI	412920 <sup>28</sup>
20045	C-R	473463	200881	TIMKE	200881	201204R91	IH	450329	201VB7	MARI	450132
20045	SKF	473463	200885	TIMKE	200885	20124	C-R	410102 <sup>29</sup>	202	MERIX	5403
2004670	SPICE	710741	200886	TIMKE	200886	20124	SKF	410102	202	ROCKW	5403

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
202	UNIVE	410312N	202405C91	IH	415303 <sup>2B</sup>	202964	CUMMI	471795	203153	KEN	473367 <sup>2B</sup>
2020	SEAMA	471267 <sup>2B</sup>	2024226	GMC	100494	202967	CUMMI	472164 <sup>2B</sup>	203153TA	TRSCM	412725
20201	GARLK	471466 <sup>2B</sup>	2024226	GMC	416470N	202973	CUMMI	5026 <sup>30</sup>	203166	BENDI	450065
20205	C-R	494123	2024331	GMC	411253 <sup>2B</sup>	202974	CUMMI	J1141	2031765	GMC	415137 <sup>2B</sup>
20205	SKF	494123	2024331	GMC	450099	202993TA	TRSCM	410085	2031765	GMC	418028
202098	FMC	416149	2025	TIMKE	2025	202A402	GE	351487	2031767	GMC	415001 <sup>2B</sup>
2020985	GMC	471466 <sup>2B</sup>	202503	MC-CL	471633 <sup>2B</sup>	202VB7	MARI	412119 <sup>2B</sup>	2031768	GMC	417159
2020997	GMC	470548	202521	Y-T	450066	202VB7	MARI	450101	2031949	GMC	473211 <sup>2B</sup>
2020997	GMC	470625 <sup>2B</sup>	202521	Y-T	473367 <sup>2B</sup>	203	SEAMA	417542	2032	SEAMA	470059
20210	C-R	225110	20252SC	TRSCM	352541	203	UNIVE	473245 <sup>2B</sup>	2032	SEAMA	470380 <sup>2B</sup>
20210	SKF	225110	20252VB	TRSCM	40401	203000	MECH	370001A	203207XX	TIMKE	20X32X7
202104	ALLCH	5M403	202562VB	TRSCM	8871	203000	MECH	380001A	2032362	GMC	370012A
202108M1	MASSE	471870 <sup>2B</sup>	202565VB	TRSCM	9015S	203002	TIMKE	203002	20324TA	TRSCM	412027
202108M1	MASSE	471883	2025OS	JN-MN	450143	203003	TIMKE	203003	203277M1	MASSE	470027
202109M1	MASSE	470163	202602	ALLCH	450094	203004	NATL	203003	203277M1	MASSE	471554 <sup>2B</sup>
202109M1	MASSE	471766 <sup>2B</sup>	202602	ALLCH	473462	203005	NATL	205005	2033	SEAMA	471424 <sup>2B</sup>
20211106	TROS	451182	202622VB	TRSCM	9406S	203005	TIMKE	203005	203 330 00 60	MERCE	710764
202115	MIHLE	415090	20262KBJ	TRSCM	4148	203005S	TIMKE	203005	20334TA	TRSCM	410102
20212X	SPICE	451948	202635SP	TRSCM	6090S	203005XX	TIMKE	20X30X5	2033618	GW	470954 <sup>2B</sup>
20213	GARLK	471264 <sup>2B</sup>	20263TB	TRSCM	471424 <sup>2B</sup>	203006S	TIMKE	203006	2033900	GW	471567 <sup>2B</sup>
20215	C-R	5695	20263VTB	TRSCM	471424V	203008	TIMKE	203008	2034	ALOY	8549S
20215	SKF	5695	202683SB	TRSCM	471833	203012	TIMKE	203012	203400	MECH	370001A
20216	C-R	710173	2026943	GMC	370121A	2030123	GMC	417507	203400	MECH	380001A
20216	SKF	710173	2026OS	JN-MN	450183	203013	TIMKE	203013	203.408	ELRNG	223010
202170	KEN	415077	2026OS	JN-MN	472179	2030133	GMC	417171 <sup>2B</sup>	2034220	GMC	370048A
202170	PACIF	415077	2027	TIMKE	2027	203015	TIMKE	203015	2034220	GMC	370182A
202173	CROSL	470059	202700M1	MASSE	473453	203016	TIMKE	203016	2034220	GMC	380048A
202173	CROSL	470380 <sup>2B</sup>	202713TB	TRSCM	450446 <sup>2B</sup>	203020	TIMKE	203020	2034224	GMC	370012A
2021809	GMC	370006A	202713TB	TRSCM	470543	203025	TIMKE	203025	2034225	GMC	370007A
202210	WAYNE	416149	20271VB	TRSCM	5865	203029	TIMKE	203029	2034226	GMC	370066A
202211	HERCU	417535	2027348	GMC	473245 <sup>2B</sup>	203029M1	MASSE	415458 <sup>2B</sup>	2034230	GMC	370018A
202229	CROSL	470358	20273SSZ	TRSCM	331107N	203029M1	MASSE	455003	2034235	GMC	370019A
202229	CROSL	473231 <sup>2B</sup>	20273TB	TRSCM	472492 <sup>2B</sup>	20302VAY	TRSCM	40301S	2034236	GMC	370012A
20225	C-R	710323	202752VHY	TRSCM	40389S	203034	TIMKE	203034	2034237	GMC	370009A
20225	GARLK	471255 <sup>2B</sup>	202764	CROSL	470059	203038M1	MASSE	414045 <sup>2B</sup>	2034237	GMC	380009A
20225	SKF	710323	202764	CROSL	470380 <sup>2B</sup>	20303TB	TRSCM	472397 <sup>2B</sup>	2034238	GMC	370008A
202287	MICH	451948	202784	FORD	7381S	2030463	SEAMA	450519	2034361	GMC	450068
202287	UNIVE	451948	202798M1	MASSE	470059	2030463	SEAMA	471271 <sup>2B</sup>	2034942	GMC	370106A
202299	UNIVE	473466	202798M1	MASSE	470380 <sup>2B</sup>	2030600	GMC	450467	2035	SEAMA	417554 <sup>2B</sup>
202300	MICH	473466	2027D	GOODM	470605 <sup>2B</sup>	203063TB	TRSCM	473463	203507XX	TIMKE	20X35X7
202300	UNIVE	472012	202801M1	MASSE	472439	2030838	SEAMA	415281N	2035091	GMC	415137 <sup>2B</sup>
202301	MICH	472012	202806XX	TIMKE	20X28X6	2030897	GW	471554 <sup>2B</sup>	2035091	GMC	418028
202306	MICH	450307	20281	VICK	473447	2030D	GOODM	455079 <sup>2B</sup>	203524	BENDI	450085
202306	UNIVE	450307	20282VHY	TRSCM	200339 <sup>2B</sup>	2030LD	OSHKO	471689 <sup>2B</sup>	203524	BENDI	470530 <sup>2B</sup>
202308	FORD	470189	20283TA	TRSCM	450083	2031	ALOY	7038SA	203544TL	TRSCM	455253
202308	FORD	471692 <sup>2B</sup>	20284SA	TRSCM	472653 <sup>2B</sup>	203100	CUMMI	471795N	20355	GMC	450352
202312	UNIVE	450311	2028516	GMC	482415	203101	CUMMI	473010N	20355	GMC	472164 <sup>2B</sup>
202313	MICH	450311	202852	WILYS	474278 <sup>2B</sup>	2031059	GMC	370024A	2035506	GMC	370001A
202318	UNIVE	416738 <sup>2B</sup>	202852	WILYS	480356	20313TB	TRSCM	473242	2035506	GMC	380001A
202318	UNIVE	450096	202883TB	TRSCM	472082	2031437	GMC	472394	2035507	GMC	370005A
202319	MICH	416738 <sup>2B</sup>	20289D	IH	450069	2031437	MCKIN	472394	203573	BENDI	470045
202319	MICH	450096	20289D	IH	473232	2031438	GMC	410312N	203573	BENDI	476838 <sup>2B</sup>
20232	VICK	470077	2028D	GOODM	415449 <sup>2B</sup>	2031438	MCKIN	410312N	203573	WHITE	450066
20232	VICK	474281 <sup>2B</sup>	2028D	GOODM	455147	203153	BENDI	450066	203573	WHITE	473367 <sup>2B</sup>
202325	MICH	450313	20290D	IH	450082	203153	BENDI	473367 <sup>2B</sup>	203581600	EATON	415371
202325	UNIVE	450313	20290D	IH	473238	203153	DIA	450066	20359	NEWPR	710046
202331	FORD	470358	20292VBJ	TRSCM	8139	203153	DIA	473367 <sup>2B</sup>	20359	VICK	50528
202331	FORD	473231 <sup>2B</sup>	2029409	GMC	370023A	203153	GMC	450066	20359D	IH	471466 <sup>2B</sup>
20237	GARLK	471564	2029409	GMC	380023A	203153	GMC	473367 <sup>2B</sup>	2035SR	OSHKO	470059
202400	MECH	370124A	202951	CUMMI	471763	203153	KEN	450066	2035SR	OSHKO	470380 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
203607XX	TIMKE	20X36X7	2040H25	JA-MI	455013	2043	ALOY	480479H	20447	SKF	710230
2036108	GMC	470712 <sup>28</sup>	2040H25	JAE	415995 <sup>28</sup>	2043	MINNM	205004	20448	C-R	710527
203707XX	TIMKE	20X37X7	2040H25	JAE	455013	2043	TIMKE	2043	20448	GARLK	471643 <sup>28</sup>
203718	STUDE	415001 <sup>28</sup>	2040H26	JA-MI	473205	20430	C-R	225225	20448	SKF	710527
203718	STUDE	455001	2040H26	JAE	473205	20430	C-R	52X70X8 <sup>28</sup>	204500	TIMKE	204500
2037360	GMC	470059	2040H7	JA-MI	470682	20430	SKF	225225	204501	TIMKE	204501
2037360	GMC	470380 <sup>28</sup>	2040H-7	JAE	470682	20430	SKF	52X70X8	204502	TIMKE	204502
203746	BENDI	450039	2041	LUF	415035 <sup>28</sup>	204300	MICH	450115	204503	TIMKE	204503
203746	GMC	450039	2041	LUF	455035	204300	MICH	473467	204505	NATL	204020
2037485	GMC	471341N	20410007	TROS	453165	204300	UNIVE	472015 <sup>28</sup>	204505	TIMKE	204505
2037489	GMC	470954 <sup>28</sup>	20410007	TROS	471619 <sup>28</sup>	204300SL	MICH	450115	204506	TIMKE	204506
203766	BENDI	471570 <sup>28</sup>	204102	CONTI	417196 <sup>28</sup>	204300SL	MICH	473467	204507	NATL	204029
203807XX	TIMKE	20X38X7	20410807	TROS	471785 <sup>28</sup>	204301	MICH	472015 <sup>28</sup>	204507	TIMKE	204507
203809	CINMI	417355 <sup>28</sup>	20411043	STEM	370192A	204306	MICH	410308 <sup>28</sup>	204508	TIMKE	204508
2038244	GMC	370106A	20411207	TROS	471354 <sup>28</sup>	204306	MICH	450308	204509	TIMKE	204509
2038277	GMC	450066	20411604	TROS	41787S	204306	UNIVE	410308 <sup>28</sup>	20455	C-R	4990
2038277	GMC	473367 <sup>28</sup>	20411607	TROS	224045	204306	UNIVE	450308	20455	C-R	710292 <sup>29</sup>
203838	CINMI	417171 <sup>28</sup>	20412106	TROS	484054	20431	C-R	4898	20455	SKF	4990
20383D	IH	450083	20412406	TROS	472258 <sup>28</sup>	20431	SKF	4898	20455	SKF	710292
20383D	IH	472924 <sup>28</sup>	20412407	TROS	470403	204312	UNIVE	410312N	204553	HARRI	416273 <sup>28</sup>
203881	BENDI	471750 <sup>28</sup>	20412407	TROS	470774 <sup>28</sup>	204313	MICH	410312N	20456	VICK	450441
20388D	IH	450083	20413204	TROS	6545	204318	UNIVE	450121	20456	VICK	471341 <sup>28</sup>
20388D	IH	472924 <sup>28</sup>	20413207	TROS	480630 <sup>28</sup>	204318	UNIVE	472409 <sup>28</sup>	20457	C-R	225225
2039149	GMC	370018A	20413604	TROS	7994S	204319	MICH	450121	20457	SKF	225225
2039297	EATON	410867N	20413607	TROS	8421S	204319	MICH	472409 <sup>28</sup>	20458	GARLK	471567 <sup>28</sup>
20393D	IH	450083	2041497	GMC	370012A	20432	C-R	710187	20459	C-R	710558
20393D	IH	472924 <sup>28</sup>	204167H1	HOUGH	472636 <sup>28</sup>	20432	SKF	710187	20459	SKF	710558
204	C-R	5116	204167H1	IH	472636 <sup>28</sup>	204325	MICH	473243	2045996	GMC	370066A
204	SKF	5116	20417	C-R	710253	204325	UNIVE	473243	204611	CINMI	450301
204	UNIVE	450316	20417	SKF	710253	20433	C-R	1955	204611	CINMI	472397 <sup>28</sup>
204	UNIVE	472636 <sup>28</sup>	2041807	GMC	476283N	20433	SKF	1955	204614A	HERCU	473241
20400	C-R	4898	2042	ALOY	442874	204 330 00 60	MERCE	710764	204617	CINMI	414045 <sup>28</sup>
20400	SKF	4898	20420	C-R	1955	204335	MICH	413469 <sup>28</sup>	204621	BENDI	50327
204002	TIMKE	204002	20420	C-R	52X65X9 <sup>28</sup>	204335	UNIVE	413469 <sup>28,29</sup>	204621	DIA	50327
204005S	TIMKE	204005	20420	SKF	1955	20434	C-R	225210	204621	IH	50327
204007XX	TIMKE	20X40X7	20420	SKF	52X65X9	20434	SKF	225210	20463	C-R	225230
204008	TIMKE	204008	204207XX	TIMKE	20X42X7	20437	C-R	225230	20463	FMC	473237 <sup>28</sup>
204013	TIMKE	204013	20421	C-R	4990	20437	SKF	225230	20463	SKF	225230
204017	TIMKE	204017	20421	SKF	4990	20438	C-R	710722	20465	C-R	710107
204020	TIMKE	204020	204210XX	TIMKE	20X42X10	20438	SKF	710722	20465	SKF	710107
204027	TIMKE	204027	20424	C-R	710190	204399	BENDI	450593 <sup>28</sup>	20466	C-R	710190
204029	TIMKE	204029	20424	SKF	710190	20440	C-R	225230	20466	SKF	710190
20403	C-R	225230	20425	C-R	3087	20440	SKF	225230	20467	FMC	451078 <sup>28</sup>
20403	SKF	225230	20425	SKF	3087	204400	MECH	370001A	20469	C-R	225010
204035	TIMKE	204035	20427	C-R	4990	204400	MECH	380001A	20469	SKF	225010
204038	TIMKE	204038	20427	GARLK	470954 <sup>28</sup>	20444	C-R	225230	2046991	GMC	475003N
20405	C-R	1975	20427	SKF	4990	20444	C-R	52X72X8 <sup>28</sup>	2047	ALOY	7022S
20405	SKF	1975	204275SP	TRSCM	3087	20444	SKF	225230	204707XX	TIMKE	20X47X7
204051	KEN	415876	20428	C-R	225220	20444	SKF	52X72X8	2047159	GOODM	417316 <sup>28</sup>
204051	PACIF	415876	20428	C-R	4990 <sup>29</sup>	20444444	GMC	340483	2047159	GOODM	455004
204075	NATL	204017	20428	C-R	710312	2044445	GMC	471570 <sup>28</sup>	2047175	GOODM	415995 <sup>28</sup>
20408	C-R	1955	20428	SKF	225220	20445	C-R	225230	2047175	GOODM	455013
20408	C-R	52X65X9 <sup>28</sup>	20428	SKF	4990	20445	SKF	225230	2047176	GOODM	417487
20408	SKF	1955	20428	SKF	710312	2044531	GMC	40468	2047176	GOODM	455086
20408	SKF	52X65X9	20429	C-R	225275	2044540	GMC	418028	2047232	GOODM	417205 <sup>28</sup>
2040H24	JA-MI	415449 <sup>28</sup>	20429	SKF	225275	2044540	GMC	455137 <sup>28</sup>	2047260	GOODM	455195
2040H24	JA-MI	455147	2042936	GMC	417171 <sup>28</sup>	20446	C-R	5696	2047260	GOODM	472157 <sup>28</sup>
2040H24	JAE	415449 <sup>28</sup>	204299	UNIVE	450115	20446	GARLK	471554 <sup>28</sup>	2047261	GOODM	455195
2040H24	JAE	455147	204299	UNIVE	473467 <sup>28</sup>	20446	SKF	5696	2047261	GOODM	472157 <sup>28</sup>
2040H25	JA-MI	415995 <sup>28</sup>	2043	ALOY	473445	20447	C-R	710230	2047277	GOODM	415138 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2047288	GOODM	417262 <sup>28</sup>	2054	SEAMA	470625 <sup>28</sup>	2060510	GMC	450867	206449	CLARK	416332 <sup>28</sup>
2047288	GOODM	455448	205400	MECH	370001A	2060510	GMC	470898	20644909	ALLCH	450456 <sup>28</sup>
20473	C-R	52X80X10 <sup>28</sup>	205400	MECH	380001A	2060531	GMC	470219	206450	ALLCH	415001 <sup>28</sup>
20473	SKF	52X80X10	20546	C-R	225220	2060531	GMC	471649 <sup>28</sup>	206450	ALLCH	455001
204731A	HERCU	471192	20546	SKF	225220	20607	C-R	710751	20645007	ALLCH	415001 <sup>28</sup>
204746	FWD	8126S	2055	TIMKE	2055	20607	SKF	710751	2064731	GMC	370047A
204771	BENDI	450025	20554	C-R	451948	206072	ALLCH	330385 <sup>28</sup>	2065078	TAYLR	417544
204771	BENDI	471553 <sup>28</sup>	20554	SKF	451948	20608	C-R	6954S	2065080	OSHKO	370175A
204839	HERCU	455197N	20559	BR-WN	470059	20608	SKF	6954S	2065366	GMC	475009N
204839B	HERCU	455197N	20559	BR-WN	470380 <sup>28</sup>	206086M1	MASSE	417134	2065367	GMC	411253 <sup>28</sup>
2048471	GMC	415304	20560	C-R	4162	206110	CLARK	472826 <sup>28</sup>	206538	ALLCH	471765 <sup>28</sup>
2048471	GMC	476470 <sup>28</sup>	20560	SKF	4162	206120	CLARK	470120	20653812	ALLCH	471765 <sup>28</sup>
20488	GARLK	471643 <sup>28</sup>	2056124	GMC	370024A	206120	CLARK	471224 <sup>28</sup>	206545	CLARK	450365
20489	VICK	450025	2056401	GMC	450291	20614K	CLARK	471785 <sup>28</sup>	206545	CLARK	470898 <sup>28</sup>
20489	VICK	471553 <sup>28</sup>	2056401	GMC	471141 <sup>28</sup>	20616A	CONTI	471354 <sup>28</sup>	206546	CLARK	411253 <sup>28</sup>
2048D5	WHITE	475009N	205705	CINMI	450316	20618	AT-PL	471787 <sup>28</sup>	206546	CLARK	450099
2049	ALOY	7687S	205705	CINMI	472636 <sup>28</sup>	206204	CLARK	470169	206547	CLARK	412871 <sup>28</sup>
20490	C-R	52X85X7 <sup>29</sup>	205705A	HERCU	471267 <sup>28</sup>	206204	CLARK	473214 <sup>28</sup>	206547	CLARK	450329
20490	SKF	52X85X7	205708	ALLCH	474278 <sup>28</sup>	206205	CLARK	450070	206548	CLARK	415483 <sup>28</sup>
20493	VICK	450183	205708	ALLCH	480356	206205	CLARK	472185 <sup>28</sup>	206548	CLARK	455368
20493	VICK	472179	2057128	GMC	472394	20621	VICK	412920 <sup>28</sup>	206550	CLARK	470712 <sup>28</sup>
204939	BENDI	471466 <sup>28</sup>	205714	CINMI	415023	20621	VICK	450132	206552	CLARK	5872S
204949	BENDI	470548	205737	CINMI	416404 <sup>28</sup>	206222	CLARK	471787 <sup>28</sup>	206553	CLARK	471192
204949	BENDI	470625 <sup>28</sup>	205747	HERCU	455189	206228	SEAMA	416664 <sup>28</sup>	206554	CLARK	470064
20495	C-R	52X85X7 <sup>29</sup>	205747B	HERCU	455189	206228	SEAMA	455364	206554	CLARK	471821 <sup>28</sup>
20495	SKF	52X85X7	2057480	GMC	370003A	206233	SEAMA	470169	206556	CLARK	450867
204971	BENDI	471526 <sup>28</sup>	2057480	GMC	380003A	206233	SEAMA	473214	206556	CLARK	470898
204E4248	FORD	470712 <sup>28</sup>	2057761	GMC	412473 <sup>28</sup>	206253VSB	TRSCM	484064V	206557	CLARK	450316
204VB7	MARI	415001 <sup>28</sup>	2057761	GMC	415894	206257	CLARK	471765 <sup>28</sup>	206557	CLARK	472636 <sup>28</sup>
204VB7	MARI	455001	20582	C-R	710744	2062667	GWJ	415234 <sup>28</sup>	206558	CLARK	450316
205	C-R	5108	20582	SKF	710744	206273TL	TRSCM	450118	206558	CLARK	472636 <sup>28</sup>
205	SKF	5108	205821R91	IH	415697 <sup>28</sup>	2062844TL	TRSCM	5877	206559	CLARK	470712 <sup>28</sup>
205004	TIMKE	205004	205821R91	IH	455547	206284SA	TRSCM	451948	206560	CLARK	470027
205005	CONTI	471733	205822R91	IH	473473	20629	NORDG	471760	206560	CLARK	471554 <sup>28</sup>
205005	TIMKE	205005	205823	OILGR	470027	206294TL	TRSCM	473446	206561	CLARK	470059
20501	C-R	5685	205823	OILGR	471554 <sup>28</sup>	2063037TB	TRSCM	472012	206561	CLARK	470380 <sup>28</sup>
20501	SKF	5685	2058459	GMC	471733	206303VB	TRSCM	6954S	206563	CLARK	471765 <sup>28</sup>
205012	KOHL	470219	20586	C-R	473466	206306	UNIVE	473471	206564	CLARK	470163
205012	KOHL	471649 <sup>28</sup>	20586	SKF	473466	2063063TL	TRSCM	450307	206564	CLARK	471766 <sup>28</sup>
205015	TIMKE	205015	2059264	GMC	415836	206312	UNIVE	472020	206565	CLARK	450444
205017	TIMKE	205017	2059264	GMC	415995 <sup>28</sup>	206318	UNIVE	470354	206565	CLARK	471835 <sup>28</sup>
205020	NATL	204020	20594	C-R	472012	2063192	GMC	450040	206566	CLARK	417267
205020	NATL	204505 <sup>28</sup>	20594	SKF	472012	206325	MICH	473245 <sup>28</sup>	206569	CLARK	40395
205035	TIMKE	205035	2059474	GMC	417196 <sup>28</sup>	206325	UNIVE	473245 <sup>28</sup>	206569	CLARK	40395S
205044	TIMKE	205044	205952	ALLCH	470027	206335	MICH	412943	206570	CLARK	470898
2051473	GMC	370022A	205952	ALLCH	471554 <sup>28</sup>	206335	UNIVE	412943 <sup>29</sup>	206571	CLARK	471141 <sup>28</sup>
2051473	GMC	380022A	20596	C-R	2822V	206364TA	TRSCM	455260	206572	CLARK	470898
20520	C-R	484064V	20596	SKF	2822V	2064	TIMKE	2064	206574	CLARK	5872S
20520	SKF	484064V	2059756	GMC	450084 <sup>28</sup>	206400	MECH	370048A	206575	CLARK	472636 <sup>28</sup>
205207XX	TIMKE	20X52X7	205976R91	IH	6988H	206400	MECH	370182A	2065760	GWJ	471869
205209A	TW-DI	416892 <sup>28</sup>	205987	ALLCH	450070	206400	MECH	380048A	2065760	GWJ	473459
205282	CINMI	415697 <sup>28</sup>	205987	ALLCH	472185 <sup>28</sup>	206426	ALLCH	473313	206578	ALLCH	470163
205282	CINMI	455547	205A12407	TROS	6760S	206428	CLARK	415001 <sup>28</sup>	206578	ALLCH	471766 <sup>28</sup>
20530	C-R	450118	205B12306	TROS	51322	206428	CLARK	455001	20659	C-R	450311
20530	SKF	450118	205VB7	MARI	415458 <sup>28</sup>	20643	C-R	450307	20659	SKF	450311
205358A	HERCU	471538 <sup>28</sup>	205VB7	MARI	455003	20643	SKF	450307	206593	CLARK	471763
20538	C-R	5877	206	CHEL	470120	2064489	GMC	370009A	2065OS	JN-MN	471549 <sup>28</sup>
20538	SKF	5877	206	CHEL	471224 <sup>28</sup>	2064489	GMC	380009A	2066126	GMC	415086N
2054	SEAMA	470548	2060012	CHRY5	455336	206449	ALLCH	450456 <sup>28</sup>	2066126	GMC	417487 <sup>28</sup>
			20603	CALSO	472636 <sup>28</sup>	206449	CLARK	416047	2066157	GMC	450083

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2066157	GMC	472924 <sup>28</sup>	2068106	GMC	472636 <sup>28</sup>	2072707	FORD	41257 <sup>28</sup>	2079	ALOY	4249
2066184	GMC	450082	206834	CLARK	340151	207273	CLARK	450085	207919	CLARK	471267 <sup>28</sup>
2066184	GMC	473238	206840	ALLCH	450316	207273	CLARK	470530 <sup>28</sup>	20793	FMC	471192
206648	CLARK	470059	206840	ALLCH	472636 <sup>28</sup>	2073	ALOY	3747	207948	CLARK	472439
206648	CLARK	470380 <sup>28</sup>	206850	CLARK	450083	20730	GARLK	470590	207960	WILYS	410059
20669	C-R	5756	206850	CLARK	472924 <sup>28</sup>	2073173	FLXIB	370036A	207960	WILYS	470380 <sup>28</sup>
20669	SKF	5756	2068504	GMC	472394	2073173	GMC	370036A	20798	SIDEW	473517 <sup>28</sup>
2067088	GMC	410987 <sup>28</sup>	206864	CLARK	410867N	2073173	GMC	370349A	2079836	GMC	415437 <sup>28</sup>
2067088	GMC	450103	2068682	GMC	410316	2073173	GMC	380036A	2079836	GMC	455173
206714	CLARK	415003	2068682	GMC	472636 <sup>28</sup>	2073613	GMC	410519	207993	ALLCH	450444
206714	CLARK	415458 <sup>28</sup>	2068683	GMC	415147	2073613	GMC	471271 <sup>28</sup>	207993	ALLCH	471835 <sup>28</sup>
2067175	CHRYSLER	331301N	2068683	GMC	415449 <sup>28</sup>	207418	CLARK	340771	2079SR	OSHKO	470059
2067178	CHRYSLER	5589	20687	GARLK	471570 <sup>28</sup>	2074449	GMC	417507 <sup>28</sup>	2079SR	OSHKO	470380 <sup>28</sup>
2067179	CHRYSLER	470064	206893	CLARK	413248	2074449	GMC	455513	207A	CHEL	471267 <sup>28</sup>
2067179	CHRYSLER	471821 <sup>28</sup>	206A	CHEL	480210 <sup>28</sup>	2074702	GMC	416107 <sup>28</sup>	207VB7	MARI	416865 <sup>28</sup>
2067181	CHRYSLER	6064	206VB7	MARI	411376 <sup>28</sup>	2074702	GMC	455073	207VB7	MARI	455070
2067182	CHRYSLER	6985	206VB7	MARI	455093	2074786	GMC	40395	208	BUSHH	6906S
2067185	CHRYSLER	7934S	207	CHEL	471231 <sup>28</sup>	2074786	GMC	40395S	208	UNIVE	415449 <sup>28</sup>
2067186	CHRYSLER	450666	207	IH	471231 <sup>28</sup>	207483	CLARK	470565 <sup>28</sup>	208	UNIVE	455147
2067187	CHRYSLER	5458	207	UNIVE	411245 <sup>28</sup>	20749	C-R	450313 <sup>29</sup>	208069	CUMMI	2291
2067188	CHRYSLER	5458	207	UNIVE	455096	20749	SKF	450313	20807	FULLE	713750
2067191	CHRYSLER	5573	2070	SEAMA	450444	20752	C-R	450343	20807	SIDEW	471870 <sup>28</sup>
2067192	CHRYSLER	6818	2070	SEAMA	471835 <sup>28</sup>	20752	SKF	450343	20807	SIDEW	471883
2067193	CHRYSLER	7537S	20700	C-R	5685	207523	CINMI	415124	20809D	IH	416921 <sup>28</sup>
2067198	CHRYSLER	8139	20700	SKF	5685	207523	CLARK	471765 <sup>28</sup>	20809D	IH	455011
2067200	CHRYSLER	470059	2070065	GOODM	J1115	2075286	GMC	450291	2081	ALOY	3677
2067200	CHRYSLER	470380 <sup>28</sup>	207009	COOK	410737 <sup>28</sup>	2075286	GMC	471141 <sup>28</sup>	2081	TIMKE	2081
2067201	CHRYSLER	470059	207009	COOK	450737	207529	CLARK	470712 <sup>28</sup>	20811607	TROS	471795
2067201	CHRYSLER	470380 <sup>28</sup>	2070113	CHRYSLER	8516N	207537R91	IH	6988H	20812007	TROS	473211 <sup>28</sup>
2067204	CHRYSLER	440265	20702	C-R	416738 <sup>28</sup>	207545	CLARK	50266	20812404	TROS	455576 <sup>28</sup>
2067206	CHRYSLER	6815	20702	C-R	450096	207546	CLARK	416404 <sup>28</sup>	20812405	TROS	471192
2067207	CHRYSLER	450444	20702	SKF	416738	20756	TMTR	6590S	20812406	TROS	471192
2067207	CHRYSLER	471835 <sup>28</sup>	20702	SKF	450096	207565	CLARK	450444	20812407	TROS	471192
2067208	CHRYSLER	450067	2070639	GMC	470163	207565	CLARK	471835 <sup>28</sup>	20812410	TROS	471192
2067208	CHRYSLER	473228	2070639	GMC	471766 <sup>28</sup>	207570R91	IH	350954	20812807	TROS	473224 <sup>28</sup>
2067209	CHRYSLER	9568	2070779	GMC	415371	207570R91	IH	470954 <sup>28</sup>	20813207	TROS	473227
2067211	CHRYSLER	5778	2070782	GMC	416865 <sup>28</sup>	20758	C-R	455260	20814004	TROS	481181 <sup>28</sup>
2067212	CHRYSLER	6930	2070782	GMC	455070	20758	SKF	455260	20814004	TROS	481181N
2067213	CHRYSLER	6930	2070788	CHRYSLER	470487N	2076	SEAMA	417211 <sup>28</sup>	208147	ALLCH	472658
2067214	CHRYSLER	7044NA	207085	CLARK	415498	2076132	GMC	415082	208147	ALLCH	473197
2067215	CHRYSLER	7994S	207086	GAL	471689 <sup>28</sup>	20762	FULLE	472311V	20820813	VOLVO	100263
2067216	CHRYSLER	451182	207086	WHITE	471689 <sup>28</sup>	207640	CLARK	471192	2082924	GMC	415007
2067218	CHRYSLER	7457N	20711607.5	TROS	450177	207644	CLARK	450444	2082925	GMC	450095
206722	CLARK	473447	20712007.5	TROS	473421	207644	CLARK	471835 <sup>28</sup>	2082925	GMC	473464 <sup>28</sup>
206731	CLARK	470565 <sup>28</sup>	2071215	GMC	100263	2076549	GMC	450291	2082926	GMC	475003N
20674	C-R	200110	2071215	GMC	3905	2076549	GMC	471141 <sup>28</sup>	2083	ALOY	3543
20674	SKF	200110	20712407.5	TROS	472287 <sup>28</sup>	207656	CLARK	471765 <sup>28</sup>	208306	UNIVE	473473
206742	CLARK	411394 <sup>28</sup>	20712412	TROS	472287 <sup>28</sup>	207672	CLARK	471649 <sup>28</sup>	208312	UNIVE	471138 <sup>28</sup>
206742	CLARK	450317	2071250	GMC	471787 <sup>28</sup>	20768559	GMC	710926	208318	UNIVE	410737 <sup>28</sup>
206775	CLARK	472144 <sup>28</sup>	20715	EATON	415004V	20768586	GMC	710926	208318	UNIVE	450737
20678	GARLK	471267 <sup>28</sup>	20715	FULLE	415004V	207693	CLARK	473016 <sup>28</sup>	208325	MICH	450316
206785	ALLCH	470027	20715	GARLK	471646 <sup>28</sup>	207699	CLARK	470605 <sup>28</sup>	208325	MICH	472636 <sup>28</sup>
206785	ALLCH	471554 <sup>28</sup>	20716	BORGW	8160S	207749	CLARK	471192	208325	UNIVE	450316
206786	ALLCH	473215 <sup>28</sup>	20716	EATON	470625V	20775	VICK	412861	208325	UNIVE	472636 <sup>28</sup>
206789	ALLCH	473215 <sup>28</sup>	207190	CLARK	473243	207750	CLARK	450444	208335	MICH	411253 <sup>28</sup>
206791	ALLCH	450082	2071Y	IH	7600S	207750	CLARK	471835 <sup>28</sup>	208335	MICH	450099
206791	ALLCH	473238	2072	SEAMA	415036	2078	ALOY	4099	208335	UNIVE	411253 <sup>28</sup>
206801	CLARK	410737 <sup>28</sup>	2072055	CHRYSLER	340797	2078	SEAMA	415984 <sup>28</sup>	208335	UNIVE	450099
206801	CLARK	450737	2072056	CHRYSLER	240731	2078026	GMC	370005A	208337	MICH	412920 <sup>28</sup>
2068106	GMC	410316	2072707	CHRYSLER	41257 <sup>28</sup>	2078535	GMC	475012N	208337	MICH	450132

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
208348	HYST	450400	208814	HYST	415090	209587	CLARK	410101N	20X38X7TC	TRSCM	20X38X7
208348	MICH	455136	208821R91	IH	417082	209587	MIXMO	412119 <sup>28</sup>	20X40X7	TIMKE	20X40X7
208350	MICH	411376 <sup>28</sup>	2089	ALOY	224820	2096	ALOY	8312	20X40X7SC	TRSCM	20X40X7
208350	MICH	455093	20894	JOY	471785 <sup>28</sup>	2096	SEAMA	415138 <sup>28</sup>	20X40X7TC	TRSCM	20X40X7
208350	UNIVE	411376 <sup>28</sup>	208986	H-S	450085	2096046	GMC	455088V	20X42X10	TIMKE	20X42X10
208350	UNIVE	455093	208986	H-S	470530 <sup>28</sup>	209623	CLARK	415147N	20X42X10SC	TRSCM	20X42X10
208362	MICH	415234 <sup>28</sup>	208A	CHEL	471466 <sup>28</sup>	2096357	GMC	471787 <sup>28</sup>	20X42X10TC	TRSCM	20X42X10
208362	UNIVE	415234 <sup>28,29</sup>	208VB7	MARI	455079 <sup>28</sup>	2096367	GMC	450025	20X42X7	TIMKE	20X42X7
208370	CLARK	330385 <sup>28</sup>	209	UNIVE	415988 <sup>29</sup>	2096367	GMC	471553 <sup>28</sup>	20X42X7SC	TRSCM	20X42X7
208375	UNIVE	415259 <sup>28</sup>	2090	ALOY	9316	20965	C-R	8243	20X42X7TC	TRSCM	20X42X7
208385	CLARK	450316	2090146	GMC	370023A	20965	SKF	8243	20X47X7	TIMKE	20X47X7
208385	CLARK	472636 <sup>28</sup>	2090146	GMC	380023A	2096658	GMC	450494	20X47X7SC	TRSCM	20X47X7
208400	MECH	370007A	20902	C-R	710522	2096658	GMC	472164 <sup>28</sup>	20X47X7TC	TRSCM	20X47X7
208417	ALLCH	450452	20902	SKF	710522	2096RC	SUL	473242	20X52X7	TIMKE	20X52X7
208417	ALLCH	473197	20905	C-R	53X68X10	2097	CHEL	450352	20X52X7SC	TRSCM	20X52X7
2084190	GMC	410987 <sup>28</sup>	20905	SKF	53X68X10	2097	CHEL	472164 <sup>28</sup>	20X52X7TC	TRSCM	20X52X7
2084190	GMC	450103	2090539	GMC	240435	20975	C-R	40973S	210	C-R	2297V
208432	CINMI	415645 <sup>28</sup>	20906	C-R	710175	20975	SKF	40973S	210	C-R	39807
208432	CINMI	455104	20906	SKF	710175	209778	CLARK	415483 <sup>28</sup>	210	SKF	2297V
208436	ALLCH	450444	20907D	IH	450593 <sup>28</sup>	209778	CLARK	455368	210	SKF	39807
208436	ALLCH	471835 <sup>28</sup>	209090	HYST	470351	209788	CLARK	415995V	210	UNIVE	415458 <sup>28</sup>
20847	C-R	710537	2091	STEM	370106A	209788	CLARK	455995N	210	UNIVE	455003
20847	SKF	710537	2091	STEM	9128S	2098	CHEL	450067	21000707	ACDEL	324204
2084868	GMC	415458 <sup>28</sup>	2091108	OPEL	224200	2098	CHEL	473228	21000707	GMC	324204
2084868	GMC	455003	20915	C-R	340900	2098550	GMC	417344 <sup>28</sup>	21000708	GMC	4307V
208488	CLARK	471466 <sup>28</sup>	20915	SKF	340900	2098550	GMC	455006	21001532	GMC	718610
208494	CLARK	470351	2091906	GMC	471887	2098753	GMC	418028	21001660	GMC	4615V
208494	CLARK	471504 <sup>28</sup>	2092	ALOY	1994	2098753	GMC	455137 <sup>28</sup>	21001662	GMC	714616
20850012	GMC	710853	20920	FULLE	712750	209907	WILYS	41787S	21002282	GMC	4614N
2085247	FLXIB	470059	2092491	GMC	417171 <sup>28</sup>	209979	CLARK	473463	21002283	GMC	4613N
2085247	FLXIB	470380 <sup>28</sup>	209273VHY	TRSCM	6590S	2099RC	SUL	450076	21002669	GMC	4613N
2085247	GMC	470059	2092767	GMC	6703S	2099RC	SUL	470334 <sup>28</sup>	21002669	GMC	4614N
2085247	GMC	470380 <sup>28</sup>	2093	ALOY	1984	209VB7	MARI	415302	21002670	GMC	4613N
2085249	GMC	417484N	209312VH	TRSCM	40973S	20H1160	MINNM	204002	21002741	GMC	4615V
2085249	GMC	455322	2093289	GMC	412473 <sup>28</sup>	20J	OSHKO	450066	21002778	GMC	718610
208538	CLARK	450085	2093289	GMC	415894	20J	OSHKO	473367 <sup>28</sup>	21002853	GMC	4701N
208538	CLARK	470530 <sup>28</sup>	209341	TW-CO	471765 <sup>28</sup>	20-P68	MINNM	204002	21002872	GMC	4613N
2085764	GMC	475080N	209354	WILYS	9613S	20RL204	CONTI	450085	21002873	GMC	4614N
208579	CUMMI	39813	2093940	GMC	473473	20RL204	CONTI	470530 <sup>28</sup>	21003352	GMC	4613N
2085RC	SUL	481073	2094	ALOY	417158	20RL294	CONTI	450085	21003354	GMC	4614N
208623	JEFF	415001 <sup>28</sup>	209400	MECH	370012A	20RL294	CONTI	470530 <sup>28</sup>	210039	ALLCH	415449 <sup>28</sup>
208623	JEFF	455001	2094257	GMC	471267 <sup>28</sup>	20RL294	KEN	450085	210039	ALLCH	455147
208633C1	IH	472642	2094297	GMC	5872S	20RL294	KEN	470530 <sup>28</sup>	21003902	ALLCH	415449 <sup>28</sup>
208633C1	MERIX	472642 <sup>29</sup>	209440	CLARK	473449 <sup>28</sup>	20X023015XX	TIMKE	200X230X15	21004	GARLK	471224 <sup>28</sup>
208633C1	ROCKW	472642 <sup>29</sup>	209440	GAL	450118	20X28X6	TIMKE	20X28X6	21004	US-EL	470712 <sup>28</sup>
20865	C-R	710588	209440	GAL	473449	20X28X6SC	TRSCM	20X28X6	210063	GMC	450083
20865	SKF	710588	2094440	GMC	370008A	20X28X6TC	TRSCM	20X28X6	210063	GMC	472924 <sup>28</sup>
20866	C-R	710589	2095	ALOY	3732S	20X32X7	TIMKE	20X32X7	21007	US-EL	472185 <sup>28</sup>
20866	SKF	710589	2095	UNIVE	414045 <sup>28</sup>	20X32X7SC	TRSCM	20X32X7	21008	NEWPR	710760
208711	ALLCH	472658	209501	CLARK	417344 <sup>28</sup>	20X32X7TB	TRSCM	20X32X7	2100863	GMC	475009N
208711	ALLCH	473197	20952	C-R	6590S	20X32X7TC	TRSCM	20X32X7	2100864	GMC	411253 <sup>28</sup>
208714	ALLCH	472658	20952	SKF	6590S	20X35X7	TIMKE	20X35X7	21009321	GMC	4613N
208714	ALLCH	473197	2095463	GMC	6863S <sup>28</sup>	20X35X7SB	TRSCM	20X35X7 <sup>28</sup>	21009322	SATUR	4614N
208742	CLARK	450316	2095539	GMC	240319	20X35X7SC	TRSCM	20X35X7 <sup>28</sup>	210098	WAYNE	455336
208742	CLARK	472636 <sup>28</sup>	209557M1	MASSE	450185	20X35X7TC	TRSCM	20X35X7 <sup>28</sup>	21009B	WAYNE	455336
208763	CLARK	6241S	209557M1	MASSE	473229	20X36X7	TIMKE	20X36X7	210107	HYST	473458
208788	CLARK	415995 <sup>28</sup>	209562M1	MASSE	410737 <sup>28</sup>	20X36X7SC	TRSCM	20X36X7	210108	HYST	471689 <sup>28</sup>
208788	CLARK	455013	209562M1	MASSE	450737	20X36X7TC	TRSCM	20X36X7	21011005034	LADA	224025
20880	C-R	710507	209564	CLARK	415836	20X37X7	TIMKE	20X37X7	21011005160	LADA	227040
20880	SKF	710507	209564	CLARK	415995 <sup>28</sup>	20X38X7SC	TRSCM	20X38X7	21011701043	LADA	222860

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
210124	WAYNE	473448	2104222	GMC	416865 <sup>28</sup>	21086-2178	GARLK	455154	21086-2272	GARLK	476470
21012401034	LADA	223014	2104222	GMC	455070	21086-2180	GARLK	415086N	21086-2273	GARLK	417181 <sup>28</sup>
21014	WOODB	471730	210431	FWD	450082	21086-2180	GARLK	417487 <sup>28</sup>	21086-2274	GARLK	417181 <sup>28,29</sup>
21015	VICK	471787 <sup>28</sup>	210431	FWD	473238	21086-2181	GARLK	417487	21086-2275	GARLK	417181 <sup>28</sup>
2101688	FMC	240735	21045	C-R	710073	21086-2181	GARLK	455014	21086-2276	GARLK	418028
21020	GARLK	471649 <sup>28</sup>	21045	SKF	710073	21086-2182	GARLK	417487	21086-2276	GARLK	455137 <sup>28</sup>
2102101X	GRAM	410308 <sup>28</sup>	21048	C-R	225410	21086-2182	GARLK	455014	21086-2277	GARLK	418028
2102101X	GRAM	450308	21048	SKF	225410	21086-2183	GARLK	417488 <sup>28</sup>	21086-2277	GARLK	455137 <sup>28</sup>
21024015A	HARWA	210X240X15	2105042	GMC	450316	21086-2184	GARLK	417488 <sup>28,29</sup>	21086-2278	GARLK	418028
21025015A	HARWA	210X250X15	2105042	GMC	472636 <sup>28</sup>	21086-2185	GARLK	417488 <sup>28</sup>	21086-2278	GARLK	455137 <sup>28</sup>
210256	ALLCH	45013S	21051	HYST	471763	21086-2186	GARLK	415088	21086-2279	GARLK	417353 <sup>28</sup>
21028	GARLK	471689 <sup>28</sup>	2105131	GMC	455151	21086-2187	GARLK	415088 <sup>28</sup>	21086-2280	GARLK	417353 <sup>28</sup>
2102985X	GRAM	471785 <sup>28</sup>	21052	C-R	710239	21086-2187	GARLK	455088	21086-2281	GARLK	417353 <sup>28</sup>
2102986X	GRAM	450444	21052	SKF	710239	21086-2188	GARLK	455019 <sup>28</sup>	21086-2282	GARLK	456305
2102986X	GRAM	471835 <sup>28</sup>	21059	C-R	473204 <sup>29</sup>	21086-2189	GARLK	55548	21086-2284	GARLK	416865 <sup>28</sup>
2102987X	GRAM	450291	21059	SKF	473204	210862192	GARLK	416370 <sup>28</sup>	21086-2288	GARLK	415023
2102987X	GRAM	471141 <sup>28</sup>	21061	C-R	473204	21086-2195	GARLK	455820 <sup>29</sup>	21086-2289	GARLK	415023
2103	ALOY	1177	21061	SKF	473204	21086-2198	GARLK	455019 <sup>28</sup>	21086-2290	GARLK	415023
21030	GARLK	471689 <sup>28</sup>	2106108	CLARK	416422	21086-2199	GARLK	455019 <sup>28</sup>	21086-2294	GARLK	455328 <sup>29</sup>
2103027X	GRAM	473227	210612	CLARK	471271 <sup>28</sup>	21086-2200	GARLK	455019 <sup>28</sup>	21086-2295	GARLK	455328 <sup>29</sup>
2103074X	GRAM	471192	210616	FWD	470219	21086-2204	GARLK	455015 <sup>29</sup>	21086-2296	GARLK	455328 <sup>29</sup>
2103075X	GRAM	473228 <sup>28</sup>	210616	FWD	471649 <sup>28</sup>	21086-2205	GARLK	455015 <sup>29</sup>	21086-2298	GARLK	417491 <sup>29</sup>
2103076X	GRAM	480491	21063	C-R	473204	21086-2206	GARLK	455015	21086-2299	GARLK	417491
2103078X	GRAM	450183	21063	SKF	473204	21086-2222	GARLK	455020 <sup>29</sup>	21086-2300	GARLK	415085 <sup>28</sup>
2103078X	GRAM	472179	21064	C-R	471950	21086-2225	GARLK	416011	21086-2300	GARLK	456648
2103080X	GRAM	240119	21064	SKF	471950	21086-2225	GARLK	417621 <sup>28</sup>	21086-2306	GARLK	416313
2103223X	GRAM	415147	2106850	CLARK	417545	21086-2226	GARLK	416011	21086-2307	GARLK	416313 <sup>29</sup>
2103223X	GRAM	415449 <sup>28</sup>	21069	C-R	5589 <sup>30</sup>	21086-2226	GARLK	417621 <sup>28</sup>	21086-2308	GARLK	416313
2103224X	GRAM	415302	21069	SKF	5589	21086-2227	GARLK	416011	21086-2312	GARLK	455024
2103226	GMC	415371	2106900	CLARK	710024	21086-2227	GARLK	417621 <sup>28</sup>	21086-2313	GARLK	455024 <sup>29</sup>
2103226X	GRAM	450316	21070	C-R	5589	21086-2228	GARLK	416288 <sup>28</sup>	21086-2314	GARLK	455024 <sup>29</sup>
2103226X	GRAM	472636 <sup>28</sup>	21070	SKF	5589	21086-2229	GARLK	416288 <sup>28,29</sup>	21086-2321	GARLK	412473 <sup>28</sup>
2103227	GMC	416865 <sup>28</sup>	2107025	CLARK	370038A <sup>29</sup>	21086-2230	GARLK	416288 <sup>28,29</sup>	21086-2321	GARLK	415894
2103227	GMC	455070	210712	BENDI	410163	21086-2231	GARLK	417171 <sup>28</sup>	21086-2322	GARLK	412473 <sup>28</sup>
210325	MICH	411394 <sup>28</sup>	210712	BENDI	471766 <sup>28</sup>	21086-2232	GARLK	417171 <sup>28,29</sup>	21086-2322	GARLK	415894
210325	MICH	450317	2107282	CLARK	472660	21086-2233	GARLK	417171 <sup>28</sup>	21086-2323	GARLK	412473 <sup>28</sup>
210325	UNIVE	411394 <sup>28</sup>	2107358	CLARK	370166A <sup>29</sup>	21086-2234	GARLK	417172 <sup>29</sup>	21086-2323	GARLK	415894
210325	UNIVE	450317	210737	EATON	475012N	21086-2235	GARLK	417172 <sup>29</sup>	21086-2324	GARLK	417191
21033	JOY	450389	210737R91	IH	450121	21086-2236	GARLK	417172 <sup>29</sup>	21086-2324	GARLK	455165 <sup>28</sup>
21033	JOY	472492 <sup>28</sup>	210737R91	IH	472409 <sup>28</sup>	21086-2237	GARLK	416297 <sup>29</sup>	21086-2325	GARLK	417191
210335	MICH	410694 <sup>28</sup>	210738R91	IH	415007	21086-2246	GARLK	415021	21086-2325	GARLK	455165 <sup>28</sup>
210335	UNIVE	410694 <sup>28,29</sup>	2107639	GRAM	471391 <sup>28</sup>	21086-2247	GARLK	415021 <sup>29</sup>	21086-2326	GARLK	417191
210336	KOHL	470328	2107640	GRAM	473463	21086-2248	GARLK	415021 <sup>29</sup>	21086-2326	GARLK	455165 <sup>28</sup>
210336	KOHL	481213 <sup>28</sup>	2107642	GRAM	450291	21086-2249	GARLK	456105 <sup>29</sup>	21086-2327	GARLK	417354 <sup>28,29</sup>
210350	MICH	416444	2107642	GRAM	471141 <sup>28</sup>	21086-2250	GARLK	456105 <sup>29</sup>	21086-2328	GARLK	417354 <sup>28,29</sup>
210350	UNIVE	416444	2107643	GRAM	450463	21086-2251	GARLK	456105	21086-2329	GARLK	417354 <sup>28</sup>
21036	EATON	713750	2107687	GRAM	470163	21086-2252	GARLK	417490 <sup>29</sup>	21086-2330	GARLK	416321
2103RC	SUL	417316 <sup>28</sup>	2107687	GRAM	471766 <sup>28</sup>	21086-2253	GARLK	417490 <sup>29</sup>	21086-2336	GARLK	415025
2103RC	SUL	455004	21077	US-EL	413248	21086-2254	GARLK	417490	21086-2337	GARLK	415025 <sup>29</sup>
2104	ALOY	473238	2107RC	SUL	416892 <sup>28</sup>	21086-2255	GARLK	455336 <sup>29</sup>	21086-2338	GARLK	415025 <sup>29</sup>
21040	C-R	2002	2108	HWY	417494	21086-2256	GARLK	455336 <sup>29</sup>	21086-2342	GARLK	416327
21040	C-R	54X65X8 <sup>28</sup>	2108-1005160	LADA	228009	21086-2257	GARLK	455336 <sup>29</sup>	21086-2345	GARLK	55419
21040	GARLK	471733	210834	CUMMI	39302	21086-2260	GARLK	6358	21086-2346	GARLK	55419
21040	SKF	2002	2108434	DANA	4354V	21086-2261	GARLK	417490	21086-2347	GARLK	55419
21040	SKF	54X65X8	2108434	SPICE	4354V	21086-2267	GARLK	455022 <sup>29</sup>	21086-2348	GARLK	417493 <sup>29</sup>
210400	MECH	370018A	2108446	CLARK	4353	21086-2268	GARLK	455022 <sup>29</sup>	21086-2349	GARLK	417493 <sup>29</sup>
21041	C-R	2002	21086-2174	GARLK	415836	21086-2269	GARLK	455022 <sup>29</sup>	21086-2350	GARLK	417493
21041	SKF	2002	21086-2174	GARLK	415995 <sup>28</sup>	21086-2270	GARLK	476470	21086-2354	GARLK	417494 <sup>29</sup>
210410	STUDE	472234	21086-2177	GARLK	417351 <sup>28</sup>	21086-2271	GARLK	476470	21086-2355	GARLK	417494 <sup>29</sup>
2104221	GMC	415371	21086-2178	GARLK	417351 <sup>28</sup>	21086-2272	GARLK	455018	21086-2356	GARLK	417494

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21086-2357	GARLK	455026 <sup>29</sup>	21086-2428	GARLK	416125 <sup>28,29</sup>	21086-2520	GARLK	415034 <sup>28</sup>	21086-2616	GARLK	415043
21086-2358	GARLK	455026 <sup>29</sup>	21086-2432	GARLK	417499	21086-2520	GARLK	455034	21086-2617	GARLK	415043 <sup>29</sup>
21086-2359	GARLK	455026 <sup>29</sup>	21086-2435	GARLK	415832	21086-2521	GARLK	415304	21086-2621	GARLK	455203 <sup>29</sup>
21086-2363	GARLK	455471 <sup>29</sup>	21086-2441	GARLK	417501 <sup>29</sup>	21086-2521	GARLK	476470 <sup>28</sup>	21086-2622	GARLK	455203 <sup>29</sup>
21086-2364	GARLK	455471 <sup>29</sup>	21086-2442	GARLK	417501 <sup>29</sup>	21086-2525	GARLK	455191 <sup>29</sup>	21086-2623	GARLK	455203
21086-2365	GARLK	455471 <sup>29</sup>	21086-2443	GARLK	417501	21086-2527	GARLK	455191 <sup>29</sup>	21086-2627	GARLK	455056 <sup>29</sup>
21086-2366	GARLK	415991	21086-2447	GARLK	55030 <sup>29</sup>	21086-2528	GARLK	415263	21086-2628	GARLK	455056
21086-2366	GARLK	455146 <sup>28</sup>	21086-2448	GARLK	55030 <sup>29</sup>	21086-2529	GARLK	415263 <sup>29</sup>	21086-2629	GARLK	455056 <sup>29</sup>
21086-2367	GARLK	415991	21086-2449	GARLK	55030 <sup>29</sup>	21086-2530	GARLK	415263 <sup>29</sup>	21086-2630	GARLK	455194 <sup>29</sup>
21086-2367	GARLK	455146 <sup>28</sup>	21086-2453	GARLK	416670 <sup>29</sup>	21086-2531	GARLK	417506 <sup>29</sup>	21086-2631	GARLK	455194 <sup>29</sup>
21086-2368	GARLK	415991	21086-2454	GARLK	416670 <sup>29</sup>	21086-2532	GARLK	417506	21086-2632	GARLK	455194 <sup>29</sup>
21086-2368	GARLK	455146 <sup>28</sup>	21086-2455	GARLK	416670 <sup>29</sup>	21086-2533	GARLK	417506 <sup>29</sup>	21086-2636	GARLK	417513 <sup>29</sup>
21086-2369	GARLK	417196 <sup>28,29</sup>	21086-2459	GARLK	417502 <sup>29</sup>	21086-2537	GARLK	415035	21086-2637	GARLK	417513
21086-2370	GARLK	417196 <sup>28,29</sup>	21086-2462	GARLK	415379 <sup>28</sup>	21086-2537	GARLK	415953	21086-2638	GARLK	417513 <sup>29</sup>
21086-2371	GARLK	417196 <sup>28</sup>	21086-2462	GARLK	455379	21086-2538	GARLK	415035 <sup>28</sup>	21086-2642	GARLK	417514 <sup>29</sup>
21086-2372	GARLK	415437	21086-2463	GARLK	415379	21086-2538	GARLK	455035	21086-2643	GARLK	417514
21086-2373	GARLK	415437 <sup>28</sup>	21086-2464	GARLK	415379 <sup>28</sup>	21086-2539	GARLK	415035 <sup>28</sup>	21086-2644	GARLK	417514 <sup>29</sup>
21086-2373	GARLK	455173	21086-2464	GARLK	455379	21086-2539	GARLK	415953	21086-2648	GARLK	417515 <sup>29</sup>
21086-2374	GARLK	415437 <sup>28</sup>	21086-2465	GARLK	417205 <sup>28</sup>	21086-2540	GARLK	417356 <sup>28</sup>	21086-2654	GARLK	417516
21086-2374	GARLK	455173	21086-2466	GARLK	417205 <sup>28,29</sup>	21086-2540	GARLK	455188	21086-2655	GARLK	417516
21086-2375	GARLK	417198 <sup>29</sup>	21086-2467	GARLK	417205 <sup>28</sup>	21086-2541	GARLK	417356 <sup>28</sup>	21086-2656	GARLK	417516 <sup>29</sup>
21086-2376	GARLK	417198 <sup>29</sup>	21086-2468	GARLK	416339	21086-2541	GARLK	455188	21086-2657	GARLK	455195
21086-2377	GARLK	417198	21086-2469	GARLK	416339	21086-2542	GARLK	417356 <sup>28</sup>	21086-2657	GARLK	472157 <sup>28</sup>
21086-2378	GARLK	415027	21086-2469	GARLK	455031 <sup>28</sup>	21086-2542	GARLK	455188	21086-2658	GARLK	455195
21086-2379	GARLK	415027 <sup>28</sup>	21086-2470	GARLK	416339 <sup>29</sup>	21086-2543	GARLK	417357	21086-2658	GARLK	472157 <sup>28</sup>
21086-2379	GARLK	455027	21086-2474	GARLK	415150 <sup>28</sup>	21086-2543	GARLK	455192 <sup>28</sup>	21086-2659	GARLK	416556 <sup>28</sup>
21086-2380	GARLK	415027	21086-2475	GARLK	415150 <sup>28</sup>	21086-2544	GARLK	417357	21086-2659	GARLK	472157
21086-2381	GARLK	417495 <sup>29</sup>	21086-2476	GARLK	415150 <sup>28</sup>	21086-2544	GARLK	455192 <sup>28</sup>	21086-2660	GARLK	415196 <sup>28</sup>
21086-2382	GARLK	417495 <sup>29</sup>	21086-2477	GARLK	416127	21086-2545	GARLK	417357	21086-2661	GARLK	415196 <sup>28,29</sup>
21086-2383	GARLK	417495	21086-2480	GARLK	417503 <sup>29</sup>	21086-2546	GARLK	416130 <sup>28</sup>	21086-2662	GARLK	415196 <sup>28,29</sup>
21086-2384	GARLK	415559 <sup>29</sup>	21086-2484	GARLK	417504 <sup>29</sup>	21086-2547	GARLK	416130 <sup>28,29</sup>	21086-2663	GARLK	416891 <sup>28</sup>
21086-2385	GARLK	415559 <sup>29</sup>	21086-2485	GARLK	417504	21086-2548	GARLK	416130 <sup>28,29</sup>	21086-2664	GARLK	416891 <sup>28</sup>
21086-2386	GARLK	415559 <sup>29</sup>	21086-2486	GARLK	455032 <sup>28,29</sup>	21086-2549	GARLK	415036 <sup>29</sup>	21086-2665	GARLK	416891 <sup>28,29</sup>
21086-2390	GARLK	417496 <sup>29</sup>	21086-2487	GARLK	455032 <sup>28,29</sup>	21086-2550	GARLK	415036	21086-2666	GARLK	416135 <sup>28</sup>
21086-2391	GARLK	417496	21086-2488	GARLK	455032 <sup>28,29</sup>	21086-2551	GARLK	415036 <sup>29</sup>	21086-2669	GARLK	415045 <sup>28</sup>
21086-2392	GARLK	417496 <sup>29</sup>	21086-2492	GARLK	455189 <sup>29</sup>	21086-2552	GARLK	417507	21086-2670	GARLK	415045 <sup>28</sup>
21086-2393	GARLK	415711 <sup>29</sup>	21086-2493	GARLK	455189 <sup>29</sup>	21086-2553	GARLK	417507 <sup>29</sup>	21086-2671	GARLK	415045 <sup>28</sup>
21086-2394	GARLK	415711 <sup>29</sup>	21086-2494	GARLK	455189 <sup>29</sup>	21086-2554	GARLK	417507 <sup>29</sup>	21086-2675	GARLK	416137 <sup>29</sup>
21086-2395	GARLK	415711	21086-2501	GARLK	417211 <sup>28</sup>	21086-2555	GARLK	415041 <sup>29</sup>	21086-2676	GARLK	416137 <sup>29</sup>
21086-2396	GARLK	417497 <sup>29</sup>	21086-2502	GARLK	417211 <sup>28</sup>	21086-2556	GARLK	415041	21086-2677	GARLK	416137
21086-2397	GARLK	417497 <sup>29</sup>	21086-2503	GARLK	417211 <sup>28</sup>	21086-2557	GARLK	415041 <sup>29</sup>	21086-2678	GARLK	417518 <sup>29</sup>
21086-2398	GARLK	417497	21086-2504	GARLK	416345 <sup>28</sup>	21086-2561	GARLK	417509 <sup>29</sup>	21086-2679	GARLK	417518 <sup>29</sup>
21086-2399	GARLK	417498 <sup>29</sup>	21086-2505	GARLK	416345 <sup>28</sup>	21086-2562	GARLK	417509 <sup>29</sup>	21086-2680	GARLK	417518
21086-2400	GARLK	417498 <sup>29</sup>	21086-2505	GARLK	455033	21086-2563	GARLK	417509	21086-2681	GARLK	415058 <sup>29</sup>
21086-2401	GARLK	417498	21086-2506	GARLK	416345 <sup>28</sup>	21086-2567	GARLK	417223 <sup>29</sup>	21086-2682	GARLK	415058
21086-2402	GARLK	55028 <sup>29</sup>	21086-2506	GARLK	455033	21086-2568	GARLK	417223	21086-2683	GARLK	415058 <sup>29</sup>
21086-2417	GARLK	416047	21086-2507	GARLK	415697 <sup>28</sup>	21086-2569	GARLK	417223 <sup>29</sup>	21086-2684	GARLK	456141
21086-2417	GARLK	416332 <sup>28</sup>	21086-2507	GARLK	455547	21086-2579	GARLK	455037 <sup>29</sup>	21086-2687	GARLK	455197N <sup>29</sup>
21086-2418	GARLK	416047	21086-2508	GARLK	415697 <sup>28</sup>	21086-2580	GARLK	455037	21086-2688	GARLK	455197N
21086-2418	GARLK	416332 <sup>28</sup>	21086-2508	GARLK	455547	21086-2581	GARLK	455037 <sup>29</sup>	21086-2689	GARLK	455197N <sup>29</sup>
21086-2419	GARLK	416047	21086-2509	GARLK	415697 <sup>28</sup>	21086-2600	GARLK	417511	21086-2693	GARLK	417520 <sup>29</sup>
21086-2419	GARLK	416332 <sup>28</sup>	21086-2509	GARLK	455547	21086-2601	GARLK	417511 <sup>29</sup>	21086-2694	GARLK	417520
21086-2420	GARLK	415937 <sup>28</sup>	21086-2510	GARLK	417366 <sup>28</sup>	21086-2602	GARLK	417511	21086-2695	GARLK	417520 <sup>29</sup>
21086-2421	GARLK	415937 <sup>28</sup>	21086-2511	GARLK	417366 <sup>28</sup>	21086-2603	GARLK	415142 <sup>29</sup>	21086-2699	GARLK	416144 <sup>29</sup>
21086-2422	GARLK	415937 <sup>28</sup>	21086-2512	GARLK	417366 <sup>28</sup>	21086-2604	GARLK	415142 <sup>29</sup>	21086-2700	GARLK	416144 <sup>29</sup>
21086-2423	GARLK	417355 <sup>28</sup>	21086-2513	GARLK	415958 <sup>28</sup>	21086-2605	GARLK	415142 <sup>29</sup>	21086-2701	GARLK	416144
21086-2424	GARLK	417355 <sup>28,29</sup>	21086-2513	GARLK	455958	21086-2609	GARLK	417512 <sup>29</sup>	21086-2705	GARLK	417238
21086-2425	GARLK	417355 <sup>28</sup>	21086-2516	GARLK	417505	21086-2610	GARLK	417512	21086-2711	GARLK	415196 <sup>28,29</sup>
21086-2426	GARLK	416125 <sup>28</sup>	21086-2519	GARLK	415304	21086-2611	GARLK	417512 <sup>29</sup>	21086-2712	GARLK	415196 <sup>28</sup>
21086-2427	GARLK	416125 <sup>28,29</sup>	21086-2519	GARLK	476470 <sup>28</sup>	21086-2615	GARLK	415043 <sup>29</sup>	21086-2713	GARLK	415196 <sup>28,29</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21086-2717	GARLK	415047 <sup>29</sup>	21086-2809	GARLK	416158	21086-2924	GARLK	417278	21086-3156	GARLK	55357 <sup>29</sup>
21086-2718	GARLK	415047	21086-2813	GARLK	415064 <sup>29</sup>	21086-2926	GARLK	417278	21086-3157	GARLK	55357
21086-2719	GARLK	415047 <sup>29</sup>	21086-2814	GARLK	415064	21086-2927	GARLK	417541	21086-3176	GARLK	417254 <sup>29</sup>
21086-2723	GARLK	416149 <sup>29</sup>	21086-2815	GARLK	415064 <sup>29</sup>	21086-2928	GARLK	417541 <sup>29</sup>	21086-3177	GARLK	417254 <sup>29</sup>
21086-2724	GARLK	416149 <sup>29</sup>	21086-2825	GARLK	417535	21086-2929	GARLK	417541	21086-3178	GARLK	417254
21086-2725	GARLK	416149	21086-2826	GARLK	417535 <sup>29</sup>	21086-2933	GARLK	417542 <sup>29</sup>	21086-3179	GARLK	417360
21086-2726	GARLK	417522	21086-2827	GARLK	417535	21086-2934	GARLK	417542 <sup>29</sup>	21086-3180	GARLK	417360
21086-2729	GARLK	415060 <sup>29</sup>	21086-2831	GARLK	417536	21086-2935	GARLK	417542	21086-3181	GARLK	417360
21086-2730	GARLK	415060	21086-2832	GARLK	417536	21086-2936	GARLK	417543 <sup>29</sup>	21086-3182	GARLK	416107 <sup>28</sup>
21086-2731	GARLK	415060 <sup>29</sup>	21086-2833	GARLK	417536 <sup>29</sup>	21086-2937	GARLK	417543 <sup>29</sup>	21086-3183	GARLK	416107 <sup>28</sup>
21086-2738	GARLK	417525 <sup>29</sup>	21086-2834	GARLK	417537	21086-2938	GARLK	417543	21086-3183	GARLK	455073
21086-2739	GARLK	417525	21086-2835	GARLK	417537 <sup>29</sup>	21086-2941	GARLK	417544	21086-3184	GARLK	416107 <sup>28</sup>
21086-2740	GARLK	417525 <sup>29</sup>	21086-2836	GARLK	417537	21086-2951	GARLK	417545 <sup>29</sup>	21086-3184	GARLK	455073
21086-2744	GARLK	417526 <sup>29</sup>	21086-2837	GARLK	415138 <sup>28</sup>	21086-2960	GARLK	455290 <sup>29</sup>	21086-3185	GARLK	417361
21086-2745	GARLK	417526 <sup>29</sup>	21086-2838	GARLK	415138 <sup>28</sup>	21086-2961	GARLK	455290 <sup>29</sup>	21086-3190	GARLK	415610
21086-2746	GARLK	417526	21086-2839	GARLK	415138 <sup>28</sup>	21086-2962	GARLK	455290	21086-3200	GARLK	456192
21086-2750	GARLK	415351 <sup>28</sup>	21086-2840	GARLK	417538 <sup>29</sup>	21086-2990	GARLK	416557	21086-3228	GARLK	417555 <sup>28,29</sup>
21086-2751	GARLK	415351 <sup>28</sup>	21086-2842	GARLK	417538	21086-2992	GARLK	416557	21086-3229	GARLK	417555 <sup>28,29</sup>
21086-2752	GARLK	415351 <sup>28</sup>	21086-2843	GARLK	417247 <sup>28</sup>	21086-2993	GARLK	417258 <sup>29</sup>	21086-3230	GARLK	417555 <sup>28</sup>
21086-2753	GARLK	416888 <sup>28</sup>	21086-2844	GARLK	417247 <sup>28,29</sup>	21086-2996	GARLK	417546 <sup>28,29</sup>	21086-3234	GARLK	417556 <sup>29</sup>
21086-2754	GARLK	416888 <sup>28</sup>	21086-2845	GARLK	417247 <sup>28</sup>	21086-2997	GARLK	417546 <sup>28,29</sup>	21086-3235	GARLK	416288 <sup>28,29</sup>
21086-2754	GARLK	455200	21086-2846	GARLK	417252 <sup>29</sup>	21086-2998	GARLK	417546 <sup>28</sup>	21086-3236	GARLK	417556
21086-2755	GARLK	416888 <sup>28</sup>	21086-2847	GARLK	417252 <sup>29</sup>	21086-2999	GARLK	417547 <sup>29</sup>	21086-3240	GARLK	417040
21086-2755	GARLK	455200	21086-2848	GARLK	417252	21086-3000	GARLK	417547 <sup>29</sup>	21086-3275	GARLK	417362 <sup>28,29</sup>
21086-2756	GARLK	416153 <sup>28</sup>	21086-2849	GARLK	415066 <sup>29</sup>	21086-3001	GARLK	417547	21086-3276	GARLK	417362 <sup>28,29</sup>
21086-2757	GARLK	416153 <sup>28</sup>	21086-2850	GARLK	415066	21086-3030	GARLK	417548	21086-3277	GARLK	417362 <sup>28</sup>
21086-2758	GARLK	416153 <sup>28</sup>	21086-2851	GARLK	415066 <sup>29</sup>	21086-3032	GARLK	417548 <sup>29</sup>	21086-3278	GARLK	417363
21086-2759	GARLK	416892 <sup>28</sup>	21086-2858	GARLK	416163 <sup>29</sup>	21086-3033	GARLK	417548 <sup>29</sup>	21086-3281	GARLK	416666 <sup>29</sup>
21086-2760	GARLK	416892 <sup>28</sup>	21086-2859	GARLK	416163 <sup>29</sup>	21086-3034	GARLK	417548	21086-3282	GARLK	416666 <sup>29</sup>
21086-2761	GARLK	416892 <sup>28</sup>	21086-2860	GARLK	416163	21086-3059	GARLK	417262 <sup>28</sup>	21086-3283	GARLK	416666
21086-2762	GARLK	417531	21086-2864	GARLK	456890	21086-3060	GARLK	417262 <sup>28</sup>	21086-3284	GARLK	417364
21086-2765	GARLK	416154 <sup>28,29</sup>	21086-2865	GARLK	456890	21086-3060	GARLK	455448	21086-3293	GARLK	416039
21086-2766	GARLK	416154 <sup>28,29</sup>	21086-2866	GARLK	456890	21086-3061	GARLK	417262 <sup>28</sup>	21086-3296	GARLK	416039
21086-2767	GARLK	416154 <sup>28</sup>	21086-2873	GARLK	416167 <sup>28</sup>	21086-3061	GARLK	455448	21086-3322	GARLK	416476 <sup>28</sup>
21086-2768	GARLK	416070	21086-2873	GARLK	455091	21086-3062	GARLK	417358	21086-3322	GARLK	455075
21086-2769	GARLK	416070	21086-2874	GARLK	416167 <sup>28</sup>	21086-3065	GARLK	415645 <sup>28</sup>	21086-3323	GARLK	416476 <sup>28</sup>
21086-2770	GARLK	416070 <sup>29</sup>	21086-2874	GARLK	455091	21086-3065	GARLK	455104	21086-3323	GARLK	455075
21086-2771	GARLK	415351 <sup>28</sup>	21086-2875	GARLK	416167 <sup>28</sup>	21086-3066	GARLK	415645 <sup>28</sup>	21086-3324	GARLK	416476 <sup>28</sup>
21086-2772	GARLK	415351 <sup>28</sup>	21086-2875	GARLK	455091	21086-3066	GARLK	455104	21086-3324	GARLK	455075
21086-2773	GARLK	415351 <sup>28</sup>	21086-2876	GARLK	417267 <sup>29</sup>	21086-3067	GARLK	415645 <sup>28</sup>	21086-3331	GARLK	455297 <sup>29</sup>
21086-2774	GARLK	417532 <sup>29</sup>	21086-2877	GARLK	417267 <sup>29</sup>	21086-3067	GARLK	455104	21086-3332	GARLK	455297
21086-2775	GARLK	417532 <sup>29</sup>	21086-2878	GARLK	417267	21086-3068	GARLK	417359	21086-3333	GARLK	455297 <sup>29</sup>
21086-2776	GARLK	417532	21086-2879	GARLK	417269 <sup>28</sup>	21086-3070	GARLK	417359	21086-3347	GARLK	417780 <sup>29</sup>
21086-2780	GARLK	417533 <sup>29</sup>	21086-2880	GARLK	417269 <sup>28</sup>	21086-3071	GARLK	417549 <sup>28,29</sup>	21086-3348	GARLK	417780
21086-2781	GARLK	417533	21086-2881	GARLK	417269 <sup>28</sup>	21086-3095	GARLK	417550	21086-3349	GARLK	417780 <sup>29</sup>
21086-2782	GARLK	417533 <sup>29</sup>	21086-2894	GARLK	417539 <sup>28,29</sup>	21086-3096	GARLK	417550 <sup>29</sup>	21086-3355	GARLK	415683
21086-2786	GARLK	417534 <sup>29</sup>	21086-2900	GARLK	417273 <sup>29</sup>	21086-3097	GARLK	417550	21086-3356	GARLK	415683 <sup>29</sup>
21086-2787	GARLK	417534 <sup>29</sup>	21086-2901	GARLK	417273	21086-3122	GARLK	417551	21086-3357	GARLK	415683 <sup>29</sup>
21086-2788	GARLK	417534	21086-2902	GARLK	417273 <sup>29</sup>	21086-3123	GARLK	417551 <sup>29</sup>	21086-3358	GARLK	417365
21086-2792	GARLK	457585 <sup>29</sup>	21086-2903	GARLK	417540 <sup>29</sup>	21086-3124	GARLK	417551	21086-3359	GARLK	417365
21086-2798	GARLK	416156	21086-2904	GARLK	417540 <sup>29</sup>	21086-3125	GARLK	455576 <sup>28</sup>	21086-3360	GARLK	417365
21086-2799	GARLK	416156	21086-2905	GARLK	417540	21086-3126	GARLK	455576 <sup>28,29</sup>	21086-3367	GARLK	415072 <sup>29</sup>
21086-2801	GARLK	415371	21086-2915	GARLK	415725 <sup>28</sup>	21086-3127	GARLK	455576 <sup>28</sup>	21086-3368	GARLK	415072
21086-2802	GARLK	415371	21086-2916	GARLK	415725 <sup>28</sup>	21086-3128	GARLK	415938 <sup>29</sup>	21086-3369	GARLK	415072 <sup>29</sup>
21086-2803	GARLK	415371 <sup>29</sup>	21086-2917	GARLK	415725 <sup>28</sup>	21086-3129	GARLK	415938 <sup>29</sup>	21086-3370	GARLK	415072 <sup>29</sup>
21086-2804	GARLK	455685 <sup>29</sup>	21086-2918	GARLK	417584 <sup>29</sup>	21086-3130	GARLK	415938	21086-3375	GARLK	455330 <sup>28</sup>
21086-2805	GARLK	455685 <sup>29</sup>	21086-2921	GARLK	416865 <sup>28</sup>	21086-3131	GARLK	417554 <sup>28,29</sup>	21086-3376	GARLK	455330 <sup>28</sup>
21086-2806	GARLK	455685	21086-2922	GARLK	416865 <sup>28</sup>	21086-3132	GARLK	417554 <sup>28,29</sup>	21086-3377	GARLK	455330 <sup>28</sup>
21086-2807	GARLK	416158 <sup>29</sup>	21086-2922	GARLK	455070	21086-3133	GARLK	417554 <sup>28</sup>	21086-3384	GARLK	415074 <sup>29</sup>
21086-2808	GARLK	416158 <sup>29</sup>	21086-2923	GARLK	416865 <sup>28</sup>	21086-3155	GARLK	55357 <sup>29</sup>	21086-3385	GARLK	415074

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21086-3386	GARLK	415074 <sup>29</sup>	21086-3596	GARLK	417600 <sup>29</sup>	21086-4966F1	GARLK	417247 <sup>28</sup>	21086-8683F1	GARLK	417511
21086-3387	GARLK	415074 <sup>29</sup>	21086-3597	GARLK	417600	21086-4991R1	GARLK	415294 <sup>28</sup>	21086-8932R1	GARLK	415725 <sup>28</sup>
21086-3394	GARLK	455480 <sup>28</sup>	21086-3600	GARLK	417601 <sup>29</sup>	21086-5049R1	GARLK	415034 <sup>28</sup>	21086-8996F1	GARLK	416154 <sup>28</sup>
21086-3395	GARLK	455480 <sup>28</sup>	21086-3601	GARLK	417601	21086-5201F1	GARLK	417211 <sup>28</sup>	21086-9209F1	GARLK	412473 <sup>28</sup>
21086-3396	GARLK	455480 <sup>28</sup>	21086-3602	GARLK	417602 <sup>28</sup>	21086-5280F1	GARLK	415036	21086-9209F1	GARLK	415894
21086-3397	GARLK	455480 <sup>28</sup>	21086-3607	GARLK	415124 <sup>29</sup>	21086-5319F1	GARLK	417492	21086-9347F1	GARLK	416158
21086-3402	GARLK	417562 <sup>29</sup>	21086-3609	GARLK	417022 <sup>29</sup>	21086-5332F1	GARLK	416321	21086-9401R1	GARLK	417355 <sup>28</sup>
21086-3403	GARLK	417562 <sup>29</sup>	21086-3610	GARLK	417604 <sup>29</sup>	21086-5492F1	GARLK	415041	21086-9664R1	GARLK	417596
21086-3404	GARLK	417562 <sup>29</sup>	21086-3611	GARLK	417567 <sup>29</sup>	21086-5512F1	GARLK	415304	21086-9724	GARLK	417487
21086-3405	GARLK	417562 <sup>29</sup>	21086-3613	GARLK	415128 <sup>29</sup>	21086-5512F1	GARLK	476470 <sup>28</sup>	21086-9724	GARLK	455086
21086-3421	GARLK	417563 <sup>29</sup>	21086-3614	GARLK	455129 <sup>29</sup>	21086-5646F1	GARLK	416125 <sup>28</sup>	21086-9780	GARLK	415294 <sup>28</sup>
21086-3422	GARLK	417563 <sup>29</sup>	21086-3615	GARLK	55301S	21086-5683F1	GARLK	417603 <sup>28</sup>	21086-9780	GARLK	455294
21086-3423	GARLK	417563 <sup>29</sup>	21086-3617	GARLK	455476	21086-5831F1	GARLK	416888 <sup>28</sup>	2108730	CLARK	370030A
21086-3424	GARLK	417563	21086-3618	GARLK	456462	21086-5923F1	GARLK	415610	21091	C-R	450867
21086-3426	GARLK	415294 <sup>28</sup>	21086-3619	GARLK	455462	21086-5949R1	GARLK	415090	21091	SKF	450867
21086-3426	GARLK	455294	21086-3623	GARLK	415090	21086-6089R1	GARLK	416077	210945	TIMKE	210945
21086-3427	GARLK	415294 <sup>28</sup>	21086-3624	GARLK	415090 <sup>29</sup>	21086-6146R1	GARLK	415074	2109451	GRAM	471267 <sup>28</sup>
21086-3427	GARLK	455294	21086-3633	GARLK	415219 <sup>29</sup>	21086-6433	GARLK	416364 <sup>28</sup>	2109665	CLARK	471272 <sup>28</sup>
21086-3434	GARLK	416229 <sup>29</sup>	21086-3634	GARLK	415871	21086-6433F1	GARLK	416364 <sup>28</sup>	210972	CUMMI	J1126
21086-3435	GARLK	416229	21086-3646	GARLK	417606 <sup>29</sup>	21086-6434R1	GARLK	417357	21098	C-R	450867
21086-3444	GARLK	417298 <sup>29</sup>	21086-3648	GARLK	417606	21086-6435	GARLK	415962	21098	C-R	470898 <sup>29</sup>
21086-3445	GARLK	417298	21086-3654	GARLK	55078S	21086-6437F1	GARLK	416239 <sup>28</sup>	21098	SKF	450867
21086-3460	GARLK	415327 <sup>29</sup>	21086-3660	GARLK	417605	21086-6484F1	GARLK	415304	21098	SKF	470898
21086-3461	GARLK	415327	21086-3673	GARLK	417020	21086-6484F1	GARLK	476470 <sup>28</sup>	2109970040	MERCE	710642
21086-3464	GARLK	417596	21086-3676	GARLK	417570 <sup>29</sup>	21086-6590F1	GARLK	416047	210PKG	TIMKE	210PKG
21086-3465	GARLK	417596	21086-3677	GARLK	417570	21086-6590F1	GARLK	416332 <sup>28</sup>	210R	TIMKE	210PKG
21086-3474	GARLK	455948	21086-3680	GARLK	415227 <sup>28</sup>	21086-6603F1	GARLK	415725 <sup>28</sup>	210VB7	MARI	415449 <sup>28</sup>
21086-3482	GARLK	455584	21086-3694	GARLK	415482	21086-6661F1	GARLK	417600	210VB7	MARI	455147
21086-3483	GARLK	455584	21086-3705	GARLK	415076 <sup>29</sup>	21086-6711R1	GARLK	415725 <sup>28</sup>	210X240X15	SIMRT	210X240X15
21086-3492	GARLK	416364 <sup>28</sup>	21086-3737	GARLK	55103S	21086-6760F1	GARLK	417603 <sup>28</sup>	210X240X15	TIMKE	210X240X15
21086-3493	GARLK	416364 <sup>28</sup>	21086-3775	GARLK	455330 <sup>28</sup>	21086-6872R1	GARLK	417362 <sup>28</sup>	210X240X15SC	TRSCM	210X240X15
21086-3496	GARLK	417597 <sup>29</sup>	21086-3924	GARLK	417602 <sup>28</sup>	21086-6891F1	GARLK	416239 <sup>28</sup>	210X240X15TC	TRSCM	210X240X15
21086-3497	GARLK	417597	21086-3925	GARLK	417602 <sup>28</sup>	21086-6920F1	GARLK	415294 <sup>28</sup>	210X250X15	SIMRT	210X250X15
21086-3500	GARLK	416239 <sup>28</sup>	21086-3932	GARLK	455123 <sup>29</sup>	21086-6978F1	GARLK	416380 <sup>28</sup>	211	C-R	5117
21086-3501	GARLK	416239 <sup>28</sup>	21086-3937	GARLK	417603 <sup>28</sup>	21086-7115F1	GARLK	415991 <sup>28</sup>	211	SKF	5117
21086-3504	GARLK	417564 <sup>29</sup>	21086-3945	GARLK	417567	21086-7115F1	GARLK	415991N	211	THIOK	473241
21086-3505	GARLK	417564	21086-3949	GARLK	455966	21086-7151F1	GARLK	415645 <sup>28</sup>	211	UNIVE	455151
21086-3514	GARLK	416077 <sup>29</sup>	21086-3951	GARLK	415128	21086-7155F1	GARLK	415072	21100	C-R	470898
21086-3515	GARLK	416077	21086-3954	GARLK	455462	21086-7233F1	GARLK	415551	21100	SKF	470898
21086-3518	GARLK	416044	21086-3965	GARLK	416257	21086-7289F1	GARLK	417191	21101	C-R	40566S
21086-3519	GARLK	416044	21086-3967	GARLK	415219	21086-7402F1	GARLK	415088	21101	SKF	40566S
21086-3526	GARLK	415116 <sup>29</sup>	21086-3975	GARLK	415871	21086-7433F1	GARLK	415072	2110147	GRAM	470120
21086-3527	GARLK	415116	21086-3984	GARLK	417606	21086-7433R1	GARLK	415072	2110147	GRAM	471224 <sup>28</sup>
21086-3536	GARLK	455117 <sup>29</sup>	21086-3996	GARLK	417020 <sup>29</sup>	21086-7436F1	GARLK	415327	211017	TW-DI	450301
21086-3537	GARLK	455117	21086-3998	GARLK	417020 <sup>29</sup>	21086-7448F1	GARLK	415036	211017	TW-DI	472397 <sup>28</sup>
21086-3538	GARLK	415317 <sup>29</sup>	21086-4016	GARLK	415227 <sup>28,29</sup>	21086-7670F1	GARLK	415304	21103	C-R	6879H
21086-3539	GARLK	415317	21086-4057	GARLK	415077 <sup>29</sup>	21086-7670F1	GARLK	476470 <sup>28</sup>	21103	SKF	6879H
21086-3544	GARLK	415867 <sup>29</sup>	21086-4058	GARLK	415077	21086-7673F1	GARLK	417020	211035	WOOL	480630 <sup>28</sup>
21086-3545	GARLK	415867	21086-4059	GARLK	415077 <sup>29</sup>	21086-7686F1	GARLK	415041	2110554	GRAM	471281 <sup>28</sup>
21086-3552	GARLK	415551 <sup>29</sup>	21086-4062	GARLK	415076	21086-7880F1	GARLK	416556 <sup>28</sup>	2110RC	SUL	416892 <sup>28</sup>
21086-3553	GARLK	415551	21086-4184	GARLK	55103S	21086-7880F1	GARLK	472157	21110	C-R	9599S
21086-3557	GARLK	415116	21086-4502	GARLK	417603 <sup>28,29</sup>	21086-7909F1	GARLK	417606	21110	SKF	9599S
21086-3558	GARLK	416102	21086-4503	GARLK	417940 <sup>28</sup>	21086-7953	GARLK	415577 <sup>29</sup>	211-1015	ITM	494122
21086-3566	GARLK	417598 <sup>29</sup>	21086-4503	GARLK	55301S <sup>29</sup>	21086-8149F1	GARLK	415294 <sup>28</sup>	211-1016	ITM	2003N <sup>28</sup>
21086-3567	GARLK	417598	21086-4505	GARLK	455476 <sup>29</sup>	21086-8216F1	GARLK	415327	211-1018	ITM	474134
21086-3578	GARLK	455406 <sup>28,29</sup>	21086-4506	GARLK	456462	21086-8306F1	GARLK	416107 <sup>28</sup>	2111019	ITM	1955
21086-3579	GARLK	455406 <sup>28</sup>	21086-4507	GARLK	455462 <sup>29</sup>	21086-8311F1	GARLK	415437	2111019	ITM	52X65X9 <sup>28</sup>
21086-3588	GARLK	455121 <sup>29</sup>	21086-4517	GARLK	55078S <sup>29</sup>	21086-8319F1	GARLK	416321	2111020	ITM	1955
21086-3589	GARLK	455121	21086-4587	GARLK	416394	21086-8531F1	GARLK	416670	2111020	ITM	52X65X9 <sup>28</sup>
21086-3593	GARLK	415656	21086-4929R1	GARLK	417606	21086-8663R1	GARLK	417541	2111022	ITM	225110

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
211-1029	ITM	2002	211-3496	ITM	35X47X7	2114780	ITM	32X48X8 <sup>28</sup>	21158-0150	GARLK	471698
211-1033	ITM	1986	211-3498	ITM	471224 <sup>28</sup>	2114781	ITM	223840	21158-0153	GARLK	470390 <sup>29</sup>
2111035	WOOL	455310	21135	C-R	710866	2114781	ITM	38X58X8 <sup>28</sup>	21158-0155	GARLK	473407 <sup>29</sup>
211-1040	ITM	1999	21135	SKF	710866	211-4782	ITM	472324 <sup>28</sup>	21158-0156	GARLK	473407
211-1041	ITM	223014	211-3507	ITM	223535	2114784	ITM	223840	21158-0157	GARLK	470601
211-1052	ITM	1943	211-3509	ITM	473228	2114784	ITM	38X58X8 <sup>28</sup>	21158-0158	GARLK	470601
211-1055	ITM	494117	211-3509	ITM	51098	211-4785	ITM	1177	21158-0159	GARLK	481443 <sup>28</sup>
2111077	ITM	1213N	211351	CLARK	417273	211-4786	ITM	1960	21158-0160	GARLK	481443 <sup>28,29</sup>
21111	C-R	2457	211-3511	ITM	471192	211-4788	ITM	1176	21158-0161	GARLK	481568 <sup>28</sup>
21111	SKF	2457	2113560	ITM	239146	2114789	ITM	1180	21158-0162	GARLK	481443 <sup>28</sup>
211112	BENDI	415960 <sup>28</sup>	2113560	ITM	38X54X7 <sup>28</sup>	2114789	ITM	41X55X7 <sup>28</sup>	21158-0165	GARLK	481644
211112	BENDI	455009	211-3580	ITM	472492 <sup>28</sup>	211-4795	ITM	1959	21158-0166	GARLK	481644 <sup>29</sup>
21113	GARLK	471652	21136	C-R	473467 <sup>29</sup>	2114802	ITM	223542	21158-0167	GARLK	471337
21114	GWJ	473016 <sup>28</sup>	21136	SKF	473467	2114802	ITM	35X55X11 <sup>28</sup>	211580169	GARLK	474273
211-1577	ITM	472397 <sup>28</sup>	211-3640	ITM	471646 <sup>28</sup>	21149	LAU	481443 <sup>28</sup>	21158-0175	GARLK	471539 <sup>28</sup>
211163	US-EL	416404 <sup>28</sup>	21137	MICH	481073	2114954	ITM	224015	21158-0176	GARLK	450431
211166	ALLCH	450984	21137	UNIVE	481073 <sup>29</sup>	2114954	ITM	40X52X7 <sup>28</sup>	21158-0176	GARLK	471539 <sup>28</sup>
21117	GARLK	471692 <sup>28</sup>	211-3772	ITM	471692 <sup>28</sup>	211-4978	ITM	446927 <sup>28</sup>	21158-0177	GARLK	471231 <sup>28</sup>
21121	C-R	42101S	21138	GARLK	471763	211501317	VW	1208	21158-0178	GARLK	471231 <sup>28</sup>
21121	SKF	42101S	211-3835	ITM	471737	211501317	VW	48X72X7 <sup>28</sup>	21158-0179	GARLK	450030
211-2142	ITM	331227H	2113909	ITM	471705 <sup>28</sup>	211501317A	VW	1208	21158-0179	GARLK	474253 <sup>28</sup>
2112199	ITM	224820	2113933	ITM	224820	211501317A	VW	48X72X7 <sup>28</sup>	21158-0180	GARLK	450030
2112199	ITM	48X62X8 <sup>28</sup>	2113933	ITM	48X62X8 <sup>28</sup>	2115015	GMC	450316	21158-0180	GARLK	474253 <sup>28</sup>
2112202	ITM	1994	211-3952	ITM	470487N	2115015	GMC	472636 <sup>28</sup>	21158-0181	GARLK	450588 <sup>28</sup>
2112202	ITM	48X70X9 <sup>28</sup>	211-3971	ITM	472258 <sup>28</sup>	211-5016	ITM	472164 <sup>28</sup>	21158-0183	GARLK	471645
2112328	ITM	1174	2113973	ITM	224520	21151	LAU	450040	21158-0185	GARLK	471686
211-2392	ITM	470565 <sup>28</sup>	2113973	ITM	45X60X10 <sup>28</sup>	2115265	GMC	418028	21158-0187	GARLK	473412 <sup>29</sup>
2112398	ITM	471192	2113974	ITM	1973	2115265	GMC	455137 <sup>28</sup>	21158-0189	GARLK	471729 <sup>29</sup>
211-2410	ITM	472164 <sup>28</sup>	2113975	ITM	227040	2115266	GMC	450316	21158-0193	GARLK	472452
211-2491	ITM	471785 <sup>28</sup>	2113975	ITM	70X90X10 <sup>28</sup>	2115266	GMC	472636 <sup>28</sup>	21158-0195	GARLK	473414 <sup>29</sup>
21125	UNIVE	481537	211-3996	ITM	472492 <sup>28</sup>	21153	LAU	451583 <sup>28</sup>	21158-0199	GARLK	473414 <sup>29</sup>
211253	CUMMI	39807	211401	ALLCH	471466 <sup>28</sup>	21154	LAU	480210 <sup>28</sup>	21158-0203	GARLK	473415 <sup>29</sup>
211255	CUMMI	39302	211-405-641D	VW	1209	21155	LAU	471255 <sup>28</sup>	21158-0204	GARLK	473415
211-2625	ITM	470898	211416	CINMI	450067	21158-0005	GARLK	350364	21158-0213	GARLK	471267 <sup>28</sup>
211-2696	ITM	471870 <sup>28</sup>	211416	CINMI	473228	21158-0101	GARLK	481073	211580214	GARLK	471267 <sup>28</sup>
211-2696	ITM	471883	211441	BRCWY	450085	21158-0102	GARLK	481073 <sup>29</sup>	21158-0215	GARLK	471570 <sup>28</sup>
211-2767	ITM	470334 <sup>28</sup>	211441	BRCWY	470530 <sup>28</sup>	21158-0105	GARLK	481397 <sup>29</sup>	21158-0216	GARLK	471570 <sup>28,29</sup>
211-2787	ITM	472258 <sup>28</sup>	211441	BRCWY	470530 <sup>28</sup>	21158-0106	GARLK	481397	21158-0217	GARLK	471633 <sup>28</sup>
21128	GARLK	470712 <sup>28</sup>	2114521	ITM	440131 <sup>28</sup>	21158-0109	GARLK	471529	21158-0218	GARLK	471633 <sup>28</sup>
211-2871	ITM	224015	2114530	ITM	224820	21158-0110	GARLK	471529	21158-0219	GARLK	471646 <sup>28</sup>
211-3130	ITM	473234 <sup>28</sup>	2114530	ITM	48X62X8 <sup>28</sup>	21158-0111	GARLK	471538 <sup>28,29</sup>	211580220	GARLK	471646 <sup>28</sup>
211-3133	ITM	470625 <sup>28</sup>	211-4531	ITM	1974	21158-0112	GARLK	471538 <sup>28</sup>	21158-0221	GARLK	470590 <sup>29</sup>
211-3154	ITM	43076S	2114532	ITM	224045	21158-0113	GARLK	471553 <sup>28</sup>	21158-0222	GARLK	470590
211-3156	ITM	473241	2114533	ITM	223542	21158-0114	GARLK	450025	21158-0223	GARLK	471137 <sup>29</sup>
211-3233	ITM	473234 <sup>28</sup>	2114533	ITM	35X55X11 <sup>28</sup>	21158-0114	GARLK	471553 <sup>28</sup>	21158-0224	GARLK	471137
211-3242	ITM	7399S <sup>28</sup>	211-4535	ITM	3771	21158-0115	GARLK	471579	21158-0225	GARLK	471730 <sup>29</sup>
211-3285	ITM	473231 <sup>28</sup>	211-4576	ITM	471835 <sup>28</sup>	21158-0116	GARLK	471579 <sup>29</sup>	21158-0226	GARLK	471730
211334	ALLCH	472258 <sup>28</sup>	2114583	ITM	33X50X12 <sup>28</sup>	21158-0119	GARLK	471642	21158-0229	GARLK	470645 <sup>29</sup>
211335	ALLCH	414268 <sup>28</sup>	2114583	ITM	33X50X12 <sup>28</sup>	211580121	GARLK	470506 <sup>28</sup>	21158-0241	GARLK	450038 <sup>29</sup>
211335	ALLCH	450539	2114583	ITM	33X50X12 <sup>28</sup>	21158-0142	GARLK	470027	21158-0251	GARLK	471571
21134	C-R	450115	211-4588	ITM	416888 <sup>28</sup>	21158-0142	GARLK	471554 <sup>28</sup>	21158-0252	GARLK	471571 <sup>29</sup>
21134	C-R	473467 <sup>28,29</sup>	211-4609	ITM	471652	21158-0143	GARLK	471567 <sup>28</sup>	21158-0255	GARLK	471647 <sup>29</sup>
21134	SKF	450115	2114618	GMC	450183	21158-0143	GARLK	471567 <sup>28</sup>	21158-0256	GARLK	471647 <sup>29</sup>
21134	SKF	473467	2114618	GMC	450183	21158-0144	GARLK	471567 <sup>28</sup>	21158-0257	GARLK	472951
2113470	ITM	224045	2114618	GMC	472179	21158-0145	GARLK	471498 <sup>29</sup>	21158-0257	GARLK	472951
2113485	ITM	226020	2114646	ITM	1012N	21158-0146	GARLK	471498	21158-0257	GARLK	474252
2113485	ITM	60X80X8 <sup>28</sup>	2114747	ITM	224045	21158-0147	GARLK	471643 <sup>28</sup>	21158-0258	GARLK	472951
2113487	ITM	224045	211-4765	ITM	472041	21158-0149	GARLK	471684 <sup>28</sup>	21158-0258	GARLK	474252
211-3491	ITM	35X47X7	211-4765	ITM	473454	21158-0149	GARLK	471698	21158-0259	GARLK	450039 <sup>29</sup>
211-3494	ITM	340823	2114780	ITM	223240	21158-0150	GARLK	471684 <sup>28</sup>	21158-0260	GARLK	450039

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-0261	GARLK	450039	21158-0354	GARLK	470189	21158-0490	GARLK	473211 <sup>28,29</sup>	21158-0607	GARLK	473226 <sup>29</sup>
21158-0269	GARLK	451583 <sup>28</sup>	21158-0354	GARLK	471692 <sup>28</sup>	21158-0491	GARLK	473211 <sup>28</sup>	21158-0608	GARLK	473226 <sup>29</sup>
21158-0270	GARLK	451583 <sup>28</sup>	21158-0355	GARLK	470045	21158-0492	GARLK	473211 <sup>28,29</sup>	21158-0609	GARLK	473226
21158-0271	GARLK	450545 <sup>29</sup>	21158-0355	GARLK	476838 <sup>28</sup>	21158-0493	GARLK	473212 <sup>28</sup>	21158-0610	GARLK	473437 <sup>29</sup>
21158-0273	GARLK	471648 <sup>29</sup>	21158-0356	GARLK	470045	21158-0494	GARLK	473212 <sup>28</sup>	21158-0612	GARLK	473437
21158-0274	GARLK	471648 <sup>29</sup>	21158-0356	GARLK	476838 <sup>28</sup>	21158-0495	GARLK	473212 <sup>28</sup>	21158-0613	GARLK	471862
21158-0275	GARLK	471688	211580357	GARLK	470712 <sup>28</sup>	21158-0496	GARLK	473213 <sup>28</sup>	21158-0615	GARLK	471862
21158-0276	GARLK	471688	211580358	GARLK	470712 <sup>28</sup>	21158-0497	GARLK	473213 <sup>28</sup>	21158-0619	GARLK	473438 <sup>29</sup>
21158-0277	GARLK	450040 <sup>29</sup>	21158-0359	GARLK	471763 <sup>29</sup>	21158-0498	GARLK	473213 <sup>28</sup>	21158-0621	GARLK	473438
21158-0278	GARLK	450040	21158-0360	GARLK	471763	21158-0505	GARLK	481834	21158-0622	GARLK	473439 <sup>28,29</sup>
21158-0279	GARLK	451082 <sup>29</sup>	211580361	GARLK	471785 <sup>28</sup>	21158-0507	GARLK	481834	21158-0624	GARLK	473439 <sup>28,29</sup>
21158-0285	GARLK	450339 <sup>29</sup>	211580362	GARLK	471785 <sup>28</sup>	21158-0511	GARLK	473435 <sup>29</sup>	21158-0643	GARLK	470548
21158-0286	GARLK	450339	21158-0363	GARLK	471736	21158-0514	GARLK	473436 <sup>29</sup>	21158-0643	GARLK	470625 <sup>28</sup>
211580287	GARLK	471224 <sup>28</sup>	21158-0365	GARLK	473428 <sup>29</sup>	21158-0520	GARLK	450054 <sup>29</sup>	21158-0644	GARLK	470548
21158-0288	GARLK	470120	21158-0367	GARLK	450161	21158-0535	GARLK	470403	21158-0644	GARLK	470625 <sup>28</sup>
21158-0288	GARLK	471224 <sup>28</sup>	21158-0367	GARLK	471764 <sup>28</sup>	21158-0535	GARLK	470774 <sup>28</sup>	21158-0645	GARLK	470548
21158-0289	GARLK	473380 <sup>29</sup>	21158-0369	GARLK	473427 <sup>29</sup>	21158-0536	GARLK	470403	21158-0645	GARLK	470625 <sup>28</sup>
21158-0290	GARLK	473380	21158-0370	GARLK	473427	21158-0536	GARLK	470774 <sup>28</sup>	211580646	GARLK	470059
21158-0291	GARLK	471649 <sup>28</sup>	21158-0374	GARLK	450362 <sup>29</sup>	21158-0537	GARLK	470403	211580646	GARLK	470380 <sup>28</sup>
21158-0292	GARLK	470219	21158-0383	GARLK	472475 <sup>29</sup>	21158-0537	GARLK	470774 <sup>28</sup>	211580647	GARLK	470059
21158-0292	GARLK	471649 <sup>28</sup>	21158-0384	GARLK	472475	21158-0538	GARLK	472287 <sup>28,29</sup>	211580647	GARLK	470380 <sup>28</sup>
21158-0293	GARLK	471689 <sup>28</sup>	21158-0385	GARLK	473426 <sup>29</sup>	21158-0539	GARLK	472287 <sup>28,29</sup>	211580648	GARLK	470059
211580294	GARLK	471689 <sup>28</sup>	21158-0386	GARLK	473426	211580541	GARLK	471192	211580648	GARLK	470380 <sup>28</sup>
21158-0295	GARLK	450593 <sup>28,29</sup>	211580387	GARLK	471765 <sup>28</sup>	211580542	GARLK	471192	21158-0649	GARLK	471820 <sup>29</sup>
211580296	GARLK	450593 <sup>28</sup>	211580388	GARLK	471765 <sup>28</sup>	211580543	GARLK	471192	21158-0650	GARLK	471820 <sup>29</sup>
21158-0297	GARLK	471733 <sup>29</sup>	21158-0389	GARLK	471354 <sup>28,29</sup>	21158-0544	GARLK	470169	21158-0655	GARLK	473228
21158-0298	GARLK	471733	21158-0390	GARLK	471354 <sup>28</sup>	21158-0544	GARLK	473214 <sup>28</sup>	21158-0655	GARLK	51098
21158-0299	GARLK	471744 <sup>28,29</sup>	211580394	GARLK	473205	21158-0545	GARLK	470169	21158-0656	GARLK	473228
21158-0300	GARLK	471744 <sup>28</sup>	211580397	GARLK	474255	21158-0545	GARLK	473214 <sup>28</sup>	21158-0656	GARLK	51098
21158-0301	GARLK	471760 <sup>29</sup>	211580398	GARLK	474255	21158-0546	GARLK	470169	21158-0657	GARLK	450067
21158-0302	GARLK	471760	211580399	GARLK	474255	21158-0546	GARLK	473214 <sup>28</sup>	21158-0657	GARLK	473228
21158-0303	GARLK	453165	21158-0403	GARLK	450048 <sup>29</sup>	21158-0547	GARLK	473215 <sup>28,29</sup>	21158-0658	GARLK	451857 <sup>29</sup>
21158-0303	GARLK	471619 <sup>28</sup>	21158-0405	GARLK	450173 <sup>29</sup>	21158-0548	GARLK	473215 <sup>28,29</sup>	21158-0659	GARLK	451857 <sup>29</sup>
21158-0304	GARLK	453165	211580424	GARLK	471750 <sup>28</sup>	21158-0549	GARLK	473215 <sup>28</sup>	21158-0660	GARLK	451857
21158-0304	GARLK	471619 <sup>28</sup>	211580425	GARLK	471750 <sup>28</sup>	21158-0550	GARLK	470950 <sup>28</sup>	211580661	GARLK	470487N
21158-0305	GARLK	471076	211580426	GARLK	471750 <sup>28</sup>	21158-0550	GARLK	6241S	21158-0664	GARLK	473440 <sup>28,29</sup>
21158-0306	GARLK	471076	21158-0427	GARLK	471766 <sup>28</sup>	21158-0551	GARLK	470950 <sup>28</sup>	21158-0665	GARLK	473440 <sup>28,29</sup>
21158-0307	GARLK	481650	21158-0428	GARLK	470163	21158-0551	GARLK	6241S	21158-0666	GARLK	473440 <sup>28</sup>
21158-0308	GARLK	481650 <sup>29</sup>	21158-0428	GARLK	471766 <sup>28</sup>	21158-0552	GARLK	470950 <sup>28</sup>	21158-0668	GARLK	470077
21158-0323	GARLK	471651	211580430	GARLK	471787 <sup>28</sup>	21158-0552	GARLK	6241S	21158-0668	GARLK	474281 <sup>28</sup>
21158-0324	GARLK	471651 <sup>29</sup>	211580431	GARLK	471787 <sup>28</sup>	21158-0556	GARLK	450444	21158-0669	GARLK	470077
21158-0325	GARLK	471705 <sup>28</sup>	21158-0433	GARLK	450177 <sup>29</sup>	21158-0556	GARLK	471835 <sup>28</sup>	21158-0669	GARLK	474281 <sup>28</sup>
21158-0326	GARLK	471705 <sup>28</sup>	211580436	GARLK	471795	21158-0557	GARLK	450444	21158-0670	GARLK	470548
21158-0327	GARLK	450043	211580437	GARLK	471795	21158-0557	GARLK	471835 <sup>28</sup>	21158-0670	GARLK	470625 <sup>28</sup>
21158-0327	GARLK	473419	211580438	GARLK	471795	21158-0559	GARLK	472843 <sup>29</sup>	21158-0700	GARLK	472213
21158-0328	GARLK	450043	211580439	GARLK	471801 <sup>28</sup>	21158-0566	GARLK	50126	21158-0701	GARLK	472213
21158-0328	GARLK	473419	211580440	GARLK	471801 <sup>28</sup>	21158-0592	GARLK	473224 <sup>28,29</sup>	21158-0702	GARLK	472213
21158-0329	GARLK	471735 <sup>29</sup>	211580441	GARLK	471801 <sup>28</sup>	21158-0593	GARLK	473224 <sup>28</sup>	21158-0703	GARLK	472299 <sup>29</sup>
21158-0330	GARLK	471735	21158-0442	GARLK	471808 <sup>28,29</sup>	21158-0594	GARLK	473224 <sup>28,29</sup>	21158-0704	GARLK	472299 <sup>29</sup>
21158-0331	GARLK	450342	21158-0443	GARLK	471808 <sup>28,29</sup>	21158-0595	GARLK	473016 <sup>28,29</sup>	21158-0706	GARLK	470064
21158-0333	GARLK	471762 <sup>28</sup>	21158-0444	GARLK	471808 <sup>28</sup>	21158-0596	GARLK	473016 <sup>28,29</sup>	21158-0706	GARLK	471821 <sup>28</sup>
21158-0334	GARLK	471762 <sup>28</sup>	21158-0445	GARLK	471818 <sup>29</sup>	21158-0597	GARLK	473016 <sup>28</sup>	21158-0707	GARLK	470064
21158-0335	GARLK	473420 <sup>29</sup>	21158-0446	GARLK	471818 <sup>29</sup>	21158-0599	GARLK	473225 <sup>28,29</sup>	21158-0707	GARLK	471821 <sup>28</sup>
21158-0336	GARLK	473420	21158-0447	GARLK	471818 <sup>29</sup>	21158-0600	GARLK	473225 <sup>28</sup>	21158-0708	GARLK	471821 <sup>28</sup>
21158-0341	GARLK	450044 <sup>29</sup>	21158-0448	GARLK	470050 <sup>29</sup>	21158-0601	GARLK	470062	21158-0712	GARLK	450185
21158-0347	GARLK	450159 <sup>29</sup>	21158-0451	GARLK	473424 <sup>28</sup>	21158-0601	GARLK	474264	21158-0712	GARLK	473229
211580351	GARLK	471652	21158-0482	GARLK	473210	21158-0602	GARLK	470062	21158-0713	GARLK	450185
211580352	GARLK	471652	211580484	GARLK	472826 <sup>28</sup>	21158-0602	GARLK	474264	21158-0713	GARLK	473229
21158-0353	GARLK	470189	211580485	GARLK	472826 <sup>28</sup>	21158-0603	GARLK	470062	21158-0714	GARLK	450185
21158-0353	GARLK	471692 <sup>28</sup>	21158-0487	GARLK	473421 <sup>29</sup>	21158-0603	GARLK	474264	21158-0714	GARLK	473229

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-0715	GARLK	470682 <sup>29</sup>	21158-0836	GARLK	450154	21158-0924	GARLK	450291	21158-1081	GARLK	471868 <sup>29</sup>
21158-0717	GARLK	470682	21158-0836	GARLK	473234	21158-0924	GARLK	471141 <sup>28</sup>	21158-1084	GARLK	450117
21158-0718	GARLK	471316	21158-0837	GARLK	450154	21158-0925	GARLK	473448	21158-1084	GARLK	472572 <sup>28</sup>
21158-0721	GARLK	473441 <sup>29</sup>	21158-0837	GARLK	473234	21158-0927	GARLK	473448	21158-1090	GARLK	414045 <sup>28,29</sup>
21158-0723	GARLK	473441	21158-0838	GARLK	473235 <sup>28</sup>	21158-0928	GARLK	471984 <sup>29</sup>	21158-1105	GARLK	473240 <sup>28,29</sup>
21158-0724	GARLK	450273	21158-0840	GARLK	473235 <sup>28</sup>	21158-0930	GARLK	471984	21158-1114	GARLK	472319
21158-0733	GARLK	450065 <sup>29</sup>	21158-0841	GARLK	470074	21158-0931	GARLK	473313	21158-1116	GARLK	472319
21158-0734	GARLK	450065	21158-0841	GARLK	474265	21158-0933	GARLK	473313	21158-1117	GARLK	471869
21158-0739	GARLK	482253 <sup>29</sup>	21158-0842	GARLK	470074	21158-0940	GARLK	50266 <sup>29</sup>	21158-1117	GARLK	473459
21158-0742	GARLK	451469 <sup>29</sup>	21158-0842	GARLK	474265	21158-0943	GARLK	450269 <sup>29</sup>	21158-1119	GARLK	471869
21158-0744	GARLK	451469	21158-0843	GARLK	470074	21158-0946	GARLK	450285 <sup>29</sup>	21158-1119	GARLK	473459
21158-0751	GARLK	450274	21158-0843	GARLK	474265	21158-0949	GARLK	471866 <sup>28,29</sup>	21158-1120	GARLK	473241
21158-0760	GARLK	470358	21158-0844	GARLK	473236 <sup>28,29</sup>	21158-0951	GARLK	471866 <sup>28</sup>	21158-1122	GARLK	473241
21158-0760	GARLK	473231	21158-0845	GARLK	473236 <sup>28,29</sup>	21158-0958	GARLK	473448 <sup>29</sup>	21158-1129	GARLK	472144 <sup>28</sup>
21158-0761	GARLK	470358	21158-0846	GARLK	473236 <sup>28</sup>	21158-0961	GARLK	471984 <sup>29</sup>	21158-1130	GARLK	472144 <sup>28</sup>
21158-0761	GARLK	473231	21158-0853	GARLK	473446	21158-0964	GARLK	473313	21158-1131	GARLK	472144 <sup>28,29</sup>
21158-0762	GARLK	470358	21158-0854	GARLK	473446	21158-0976	GARLK	472070 <sup>29</sup>	21158-1132	GARLK	473460
21158-0762	GARLK	473231	21158-0855	GARLK	473446 <sup>29</sup>	21158-0978	GARLK	472070	21158-1134	GARLK	473460
21158-0763	GARLK	450066	21158-0859	GARLK	471981	21158-0979	GARLK	471866 <sup>28</sup>	21158-1135	GARLK	472394 <sup>29</sup>
21158-0763	GARLK	473367 <sup>28</sup>	21158-0861	GARLK	471981	21158-0982	GARLK	450118	21158-1137	GARLK	472394
21158-0764	GARLK	450066	21158-0862	GARLK	50327	21158-0982	GARLK	473449	21158-1138	GARLK	473461 <sup>28</sup>
21158-0764	GARLK	473367 <sup>28</sup>	21158-0871	GARLK	450068 <sup>29</sup>	21158-0984	GARLK	450118	21158-1139	GARLK	473461 <sup>28</sup>
21158-0765	GARLK	450066	21158-0886	GARLK	50081 <sup>29</sup>	21158-0984	GARLK	473449	21158-1141	GARLK	471391 <sup>28,29</sup>
21158-0765	GARLK	473367 <sup>28</sup>	21158-0887	GARLK	50081 <sup>29</sup>	21158-0987	GARLK	480281 <sup>28</sup>	21158-1142	GARLK	471391 <sup>28,29</sup>
21158-0769	GARLK	450194	21158-0895	GARLK	470086 <sup>29</sup>	21158-0988	GARLK	450269 <sup>29</sup>	21158-1143	GARLK	471391 <sup>28</sup>
21158-0769	GARLK	473010	21158-0898	GARLK	470351	21158-0991	GARLK	473450	21158-1147	GARLK	450094
21158-0771	GARLK	450194	21158-0898	GARLK	471504 <sup>28</sup>	21158-1006	GARLK	473451 <sup>28</sup>	21158-1147	GARLK	473462
21158-0771	GARLK	473010	21158-0899	GARLK	470351	21158-1012	GARLK	473452	21158-1148	GARLK	450094
21158-0772	GARLK	450069	21158-0899	GARLK	471504 <sup>28</sup>	21158-1021	GARLK	473453	21158-1148	GARLK	473462
21158-0772	GARLK	473232	21158-0900	GARLK	470351	21158-1023	GARLK	473453 <sup>29</sup>	21158-1149	GARLK	450094
21158-0774	GARLK	450069	21158-0900	GARLK	471504 <sup>28</sup>	21158-1042	GARLK	472439 <sup>29</sup>	21158-1149	GARLK	473462
21158-0774	GARLK	473232	21158-0904	GARLK	450494	21158-1043	GARLK	472439 <sup>29</sup>	21158-1150	GARLK	450472 <sup>28</sup>
21158-0775	GARLK	481864	21158-0904	GARLK	472164 <sup>28</sup>	21158-1044	GARLK	472439	21158-1153	GARLK	473241
21158-0777	GARLK	481864	21158-0905	GARLK	451147H	21158-1045	GARLK	471868	21158-1154	GARLK	473241 <sup>29</sup>
211580778	GARLK	474274	21158-0906	GARLK	450352	21158-1047	GARLK	471868	21158-1162	GARLK	450474 <sup>29</sup>
211580780	GARLK	474274	21158-0906	GARLK	472164 <sup>28</sup>	21158-1048	GARLK	450117	21158-1165	GARLK	50528 <sup>29</sup>
21158-0781	GARLK	450275	21158-0907	GARLK	450070	21158-1048	GARLK	472572 <sup>28</sup>	21158-1166	GARLK	50528 <sup>29</sup>
21158-0782	GARLK	450275	21158-0907	GARLK	472185 <sup>28</sup>	21158-1050	GARLK	450117	21158-1167	GARLK	50528
21158-0783	GARLK	450275	21158-0909	GARLK	450070	21158-1050	GARLK	472572 <sup>28</sup>	21158-1171	GARLK	473461 <sup>28</sup>
21158-0787	GARLK	450078	21158-0909	GARLK	472185 <sup>28</sup>	21158-1051	GARLK	473179 <sup>28</sup>	21158-1174	GARLK	471391 <sup>28,29</sup>
21158-0787	GARLK	473444	21158-0910	GARLK	470334 <sup>28</sup>	21158-1052	GARLK	473179 <sup>28</sup>	21158-1180	GARLK	450094
21158-0788	GARLK	450078	21158-0911	GARLK	470334 <sup>28</sup>	21158-1053	GARLK	473179 <sup>28</sup>	21158-1180	GARLK	473462
21158-0788	GARLK	473444	21158-0912	GARLK	450076	21158-1054	GARLK	414045 <sup>28,29</sup>	21158-1186	GARLK	471870 <sup>28</sup>
21158-0789	GARLK	450078	21158-0912	GARLK	470334 <sup>28</sup>	21158-1057	GARLK	450082	21158-1186	GARLK	471883
21158-0789	GARLK	473444	21158-0913	GARLK	450183	21158-1057	GARLK	473238	21158-1187	GARLK	471870 <sup>28</sup>
21158-0790	GARLK	470358	21158-0913	GARLK	472179	21158-1058	GARLK	450082	21158-1187	GARLK	471883
21158-0790	GARLK	473231	21158-0914	GARLK	450183	21158-1058	GARLK	473238	21158-1188	GARLK	471870 <sup>28</sup>
21158-0792	GARLK	470358	21158-0914	GARLK	472179	21158-1059	GARLK	473238 <sup>28</sup>	21158-1188	GARLK	471883
21158-0792	GARLK	473231	21158-0915	GARLK	450183	21158-1060	GARLK	450084 <sup>28</sup>	21158-1189	GARLK	450389
21158-0793	GARLK	450066	21158-0915	GARLK	472179	21158-1062	GARLK	450084 <sup>28</sup>	21158-1189	GARLK	472492 <sup>28</sup>
21158-0793	GARLK	473367 <sup>28</sup>	21158-0916	GARLK	473447	21158-1063	GARLK	450298	21158-1190	GARLK	450389
21158-0799	GARLK	450260 <sup>29</sup>	21158-0918	GARLK	473447	21158-1063	GARLK	473239	21158-1190	GARLK	472492 <sup>28</sup>
21158-0805	GARLK	450073 <sup>29</sup>	21158-0919	GARLK	470334 <sup>28</sup>	21158-1065	GARLK	450298	21158-1191	GARLK	450389
21158-0820	GARLK	450415 <sup>29</sup>	21158-0919	GARLK	50289	21158-1065	GARLK	473239	21158-1191	GARLK	472492 <sup>28</sup>
21158-0826	GARLK	473233 <sup>28</sup>	21158-0921	GARLK	470334 <sup>28</sup>	21158-1066	GARLK	473457 <sup>28</sup>	21158-1198	GARLK	472924 <sup>28</sup>
21158-0827	GARLK	473233 <sup>28</sup>	21158-0921	GARLK	50289	21158-1069	GARLK	473240 <sup>28,29</sup>	21158-1199	GARLK	472924 <sup>28</sup>
21158-0828	GARLK	473233 <sup>28</sup>	21158-0922	GARLK	450291	21158-1071	GARLK	473240 <sup>28</sup>	21158-1200	GARLK	450083
21158-0829	GARLK	473445	21158-0922	GARLK	471141 <sup>28</sup>	21158-1075	GARLK	473458 <sup>29</sup>	21158-1200	GARLK	472924 <sup>28</sup>
21158-0835	GARLK	450154	21158-0923	GARLK	450291	21158-1076	GARLK	473458	21158-1201	GARLK	470530 <sup>28</sup>
21158-0835	GARLK	473234	21158-0923	GARLK	471141 <sup>28</sup>	21158-1078	GARLK	472439 <sup>29</sup>	21158-1203	GARLK	470530 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-1204	GARLK	450301	21158-1329	GARLK	472015 <sup>28</sup>	21158-1435	GARLK	472234 <sup>29</sup>	21158-1563	GARLK	472150
21158-1204	GARLK	472397 <sup>28</sup>	21158-1330	GARLK	410308 <sup>28</sup>	21158-1438	GARLK	472018 <sup>29</sup>	21158-1573	GARLK	411394 <sup>28</sup>
21158-1205	GARLK	450301	21158-1330	GARLK	450308	21158-1441	GARLK	473471 <sup>29</sup>	21158-1573	GARLK	450317
21158-1205	GARLK	472397 <sup>28</sup>	21158-1331	GARLK	410308 <sup>28</sup>	21158-1444	GARLK	472020 <sup>29</sup>	21158-1575	GARLK	411394 <sup>28</sup>
21158-1206	GARLK	450301	21158-1331	GARLK	450308	21158-1450	GARLK	470354 <sup>29</sup>	21158-1575	GARLK	450317
21158-1206	GARLK	472397 <sup>28</sup>	21158-1332	GARLK	410308 <sup>28</sup>	21158-1471	GARLK	471341 <sup>28</sup>	21158-1576	GARLK	410694 <sup>28,29</sup>
21158-1207	GARLK	473463 <sup>29</sup>	21158-1332	GARLK	450308	21158-1473	GARLK	450441	21158-1578	GARLK	410694 <sup>28,29</sup>
21158-1209	GARLK	473463	21158-1333	GARLK	410312N	21158-1473	GARLK	471341 <sup>28</sup>	21158-1579	GARLK	450133 <sup>29</sup>
21158-1210	GARLK	473242 <sup>29</sup>	21158-1334	GARLK	410312N	21158-1474	GARLK	410520	21158-1581	GARLK	450133 <sup>29</sup>
21158-1212	GARLK	473242	21158-1335	GARLK	410312N	21158-1474	GARLK	471272 <sup>28</sup>	21158-1585	GARLK	416444 <sup>29</sup>
21158-1216	GARLK	450095	21158-1339	GARLK	450121	21158-1475	GARLK	410520	21158-1587	GARLK	416444
21158-1216	GARLK	473464 <sup>28</sup>	21158-1339	GARLK	472409 <sup>28</sup>	21158-1475	GARLK	471272 <sup>28</sup>	21158-1594	GARLK	455321 <sup>29</sup>
21158-1217	GARLK	450095	21158-1341	GARLK	450121	21158-1476	GARLK	410520	21158-1596	GARLK	455321
21158-1217	GARLK	473464 <sup>28</sup>	21158-1341	GARLK	472409 <sup>28</sup>	21158-1476	GARLK	471272 <sup>28</sup>	21158-1600	GARLK	472150 <sup>29</sup>
21158-1218	GARLK	450095	21158-1345	GARLK	473243	21158-1477	GARLK	473473 <sup>29</sup>	21158-1602	GARLK	472150
21158-1218	GARLK	473464 <sup>28</sup>	21158-1346	GARLK	473243	21158-1479	GARLK	473473	21158-1612	GARLK	411394 <sup>28</sup>
21158-1222	GARLK	450083	21158-1347	GARLK	473243	21158-1480	GARLK	471138 <sup>28</sup>	21158-1612	GARLK	450317
21158-1222	GARLK	472924 <sup>28</sup>	21158-1348	GARLK	413469 <sup>28,29</sup>	21158-1481	GARLK	471138 <sup>28</sup>	21158-1633	GARLK	455321 <sup>29</sup>
21158-1225	GARLK	470530 <sup>28</sup>	21158-1349	GARLK	413469 <sup>28,29</sup>	21158-1482	GARLK	471138 <sup>28</sup>	21158-1639	GARLK	473474 <sup>29</sup>
21158-1228	GARLK	450301	21158-1350	GARLK	413469 <sup>28,29</sup>	21158-1486	GARLK	410737 <sup>28</sup>	21158-1641	GARLK	473474
21158-1228	GARLK	472397 <sup>28</sup>	21158-1357	GARLK	416267 <sup>28,29</sup>	21158-1486	GARLK	450737	21158-1642	GARLK	470565 <sup>28</sup>
21158-1231	GARLK	473463 <sup>29</sup>	21158-1359	GARLK	416267 <sup>28</sup>	21158-1492	GARLK	472636 <sup>28</sup>	21158-1644	GARLK	470565 <sup>28</sup>
21158-1240	GARLK	450095	21158-1363	GARLK	450115	21158-1493	GARLK	472636 <sup>28</sup>	21158-1648	GARLK	473475 <sup>29</sup>
21158-1240	GARLK	473464 <sup>28</sup>	21158-1363	GARLK	473467	21158-1494	GARLK	450316	21158-1650	GARLK	473475 <sup>29</sup>
21158-1246	GARLK	412027 <sup>29</sup>	21158-1365	GARLK	450115	21158-1494	GARLK	472636 <sup>28</sup>	21158-1654	GARLK	413246
21158-1252	GARLK	451948	21158-1365	GARLK	473467	21158-1495	GARLK	411253 <sup>28</sup>	21158-1654	GARLK	413246N
21158-1253	GARLK	451948	21158-1369	GARLK	410308 <sup>28</sup>	21158-1495	GARLK	450099	21158-1655	GARLK	413246
21158-1254	GARLK	451948	21158-1369	GARLK	450308	21158-1496	GARLK	411253 <sup>28</sup>	21158-1655	GARLK	413246N
21158-1255	GARLK	473466	21158-1372	GARLK	410312N	21158-1496	GARLK	450099	21158-1656	GARLK	413246
21158-1258	GARLK	472012	21158-1378	GARLK	450621 <sup>29</sup>	21158-1497	GARLK	411253 <sup>28</sup>	21158-1656	GARLK	413246N
21158-1260	GARLK	472012	21158-1384	GARLK	450869 <sup>29</sup>	21158-1497	GARLK	450099	21158-1657	GARLK	412119 <sup>28</sup>
21158-1261	GARLK	450307 <sup>29</sup>	21158-1385	GARLK	450869 <sup>29</sup>	21158-1498	GARLK	412920 <sup>28</sup>	21158-1657	GARLK	450101
21158-1263	GARLK	450307	21158-1396	GARLK	416267 <sup>28,29</sup>	21158-1498	GARLK	450132	21158-1658	GARLK	412119 <sup>28</sup>
21158-1264	GARLK	450311 <sup>29</sup>	21158-1398	GARLK	416267 <sup>28</sup>	21158-1499	GARLK	412920 <sup>28</sup>	21158-1658	GARLK	450101
21158-1266	GARLK	450311	21158-1399	GARLK	450489	21158-1499	GARLK	450132	21158-1659	GARLK	412119 <sup>28</sup>
21158-1270	GARLK	416738 <sup>28</sup>	21158-1399	GARLK	473244	21158-1500	GARLK	412920 <sup>28</sup>	21158-1659	GARLK	450101
21158-1270	GARLK	450096	21158-1400	GARLK	450489	21158-1500	GARLK	450132	21158-1660	GARLK	413247 <sup>28</sup>
21158-1276	GARLK	450313	21158-1400	GARLK	473244	21158-1501	GARLK	455136 <sup>29</sup>	21158-1660	GARLK	450350
21158-1278	GARLK	450313	21158-1401	GARLK	450489	21158-1504	GARLK	411376 <sup>28</sup>	21158-1661	GARLK	413247 <sup>28</sup>
21158-1282	GARLK	451948	21158-1401	GARLK	473244	21158-1504	GARLK	455093	21158-1661	GARLK	450350
21158-1285	GARLK	473466 <sup>29</sup>	21158-1402	GARLK	472018	21158-1505	GARLK	411376 <sup>28</sup>	21158-1662	GARLK	413247 <sup>28</sup>
21158-1288	GARLK	472012 <sup>29</sup>	21158-1403	GARLK	472018	21158-1505	GARLK	455093	21158-1662	GARLK	450350
21158-1291	GARLK	450307 <sup>29</sup>	21158-1404	GARLK	472018 <sup>29</sup>	21158-1506	GARLK	411376 <sup>28</sup>	21158-1663	GARLK	410987 <sup>28</sup>
21158-1294	GARLK	450311 <sup>29</sup>	21158-1405	GARLK	473471 <sup>29</sup>	21158-1506	GARLK	455093	21158-1663	GARLK	450103
21158-1300	GARLK	416738 <sup>28</sup>	21158-1406	GARLK	473471	21158-1507	GARLK	472299 <sup>29</sup>	21158-1666	GARLK	416271 <sup>28,29</sup>
21158-1300	GARLK	450096	21158-1407	GARLK	473471	21158-1510	GARLK	410520	21158-1668	GARLK	416271 <sup>28</sup>
21158-1306	GARLK	450313 <sup>29</sup>	21158-1408	GARLK	472020 <sup>29</sup>	21158-1510	GARLK	471272 <sup>28</sup>	21158-1669	GARLK	412861
21158-1312	GARLK	450343 <sup>29</sup>	21158-1410	GARLK	472020 <sup>29</sup>	21158-1522	GARLK	410737 <sup>28</sup>	21158-1671	GARLK	412861
21158-1321	GARLK	450867	21158-1414	GARLK	470354 <sup>29</sup>	21158-1522	GARLK	450737	21158-1672	GARLK	410825
21158-1321	GARLK	470898	21158-1415	GARLK	470354	21158-1528	GARLK	470645 <sup>29</sup>	21158-1675	GARLK	416071 <sup>29</sup>
21158-1322	GARLK	450867	21158-1416	GARLK	470354 <sup>29</sup>	21158-1531	GARLK	411253 <sup>28</sup>	21158-1677	GARLK	416071
21158-1322	GARLK	470898	21158-1420	GARLK	473245 <sup>28,29</sup>	21158-1531	GARLK	450099	21158-1678	GARLK	417480 <sup>28</sup>
21158-1323	GARLK	450365	21158-1422	GARLK	470351	21158-1534	GARLK	412920 <sup>28</sup>	21158-1678	GARLK	455860
21158-1323	GARLK	470898 <sup>28</sup>	21158-1422	GARLK	471504 <sup>28</sup>	21158-1534	GARLK	450132	21158-1679	GARLK	417480 <sup>28</sup>
21158-1324	GARLK	450115	21158-1423	GARLK	412943 <sup>29</sup>	21158-1537	GARLK	455136 <sup>29</sup>	21158-1679	GARLK	455860
21158-1324	GARLK	473467	21158-1425	GARLK	412943 <sup>29</sup>	21158-1540	GARLK	411376 <sup>28</sup>	21158-1680	GARLK	417480 <sup>28</sup>
21158-1326	GARLK	450115	21158-1426	GARLK	413472	21158-1540	GARLK	455093	21158-1680	GARLK	455860
21158-1326	GARLK	473467	21158-1428	GARLK	413472	21158-1546	GARLK	415234 <sup>28,29</sup>	21158-1687	GARLK	473475 <sup>29</sup>
21158-1327	GARLK	472015 <sup>28</sup>	21158-1432	GARLK	416268	21158-1549	GARLK	415259 <sup>28,29</sup>	21158-1693	GARLK	413246
21158-1328	GARLK	472015 <sup>28</sup>	21158-1434	GARLK	416268	21158-1561	GARLK	472150 <sup>29</sup>	21158-1693	GARLK	413246N

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-1696	GARLK	412119 <sup>28</sup>	21158-1840	GARLK	471271 <sup>28</sup>	21158-1972	GARLK	415458 <sup>28</sup>	21158-2088	GARLK	455005
21158-1696	GARLK	450101	21158-1841	GARLK	450519	21158-1972	GARLK	455003	21158-2089	GARLK	417485 <sup>29</sup>
21158-1699	GARLK	413247 <sup>28</sup>	21158-1841	GARLK	471271 <sup>28</sup>	21158-1975	GARLK	417343 <sup>28,29</sup>	21158-2090	GARLK	417485 <sup>29</sup>
21158-1699	GARLK	450350	21158-1852	GARLK	415449 <sup>28</sup>	21158-1978	GARLK	415007 <sup>29</sup>	21158-2091	GARLK	417485 <sup>29</sup>
21158-1705	GARLK	416271 <sup>28,29</sup>	21158-1852	GARLK	455147	21158-1981	GARLK	417082 <sup>29</sup>	21158-2092	GARLK	475384 <sup>29</sup>
21158-1714	GARLK	416071 <sup>29</sup>	21158-1855	GARLK	415001 <sup>28</sup>	21158-1993	GARLK	455434 <sup>29</sup>	21158-2093	GARLK	475384
21158-1723	GARLK	471887	21158-1855	GARLK	455001	21158-1994	GARLK	455434 <sup>29</sup>	21158-2094	GARLK	475384 <sup>29</sup>
21158-1725	GARLK	471887	21158-1857	GARLK	415001 <sup>28</sup>	21158-2002	GARLK	455151 <sup>29</sup>	21158-2101	GARLK	455005 <sup>29</sup>
21158-1735	GARLK	412040 <sup>29</sup>	21158-1857	GARLK	455001	21158-2003	GARLK	455151 <sup>29</sup>	21158-2103	GARLK	455005
21158-1737	GARLK	412040	21158-1858	GARLK	416273 <sup>28</sup>	21158-2004	GARLK	455151	21158-2104	GARLK	417485 <sup>29</sup>
21158-1738	GARLK	411500 <sup>29</sup>	21158-1861	GARLK	455079 <sup>28,29</sup>	21158-2005	GARLK	455008 <sup>29</sup>	21158-2115	GARLK	415303 <sup>28</sup>
21158-1740	GARLK	411500 <sup>29</sup>	21158-1882	GARLK	413479 <sup>29</sup>	21158-2006	GARLK	455008 <sup>29</sup>	21158-2117	GARLK	415303 <sup>28</sup>
21158-1741	GARLK	413478 <sup>29</sup>	21158-1885	GARLK	415302 <sup>29</sup>	21158-2007	GARLK	455008 <sup>29</sup>	21158-2118	GARLK	417344 <sup>28</sup>
21158-1742	GARLK	413478 <sup>29</sup>	21158-1886	GARLK	415302 <sup>29</sup>	21158-2014	GARLK	455434 <sup>29</sup>	21158-2118	GARLK	455006
21158-1743	GARLK	413478 <sup>29</sup>	21158-1887	GARLK	415302	21158-2023	GARLK	455151 <sup>29</sup>	21158-2120	GARLK	417344 <sup>28</sup>
21158-1744	GARLK	450104 <sup>29</sup>	21158-1888	GARLK	455311 <sup>29</sup>	21158-2025	GARLK	455151	21158-2120	GARLK	455006
21158-1745	GARLK	450104 <sup>29</sup>	21158-1890	GARLK	455311	21158-2026	GARLK	455008 <sup>29</sup>	21158-2121	GARLK	416404 <sup>28,29</sup>
21158-1746	GARLK	450104	21158-1891	GARLK	415988 <sup>29</sup>	21158-2028	GARLK	455008 <sup>29</sup>	21158-2122	GARLK	416404 <sup>28,29</sup>
21158-1747	GARLK	411245 <sup>28</sup>	21158-1892	GARLK	415988 <sup>29</sup>	21158-2032	GARLK	480491 <sup>29</sup>	21158-2123	GARLK	416404 <sup>28,29</sup>
21158-1747	GARLK	455096	21158-1893	GARLK	415988 <sup>29</sup>	21158-2034	GARLK	480491	21158-2124	GARLK	416921 <sup>28</sup>
21158-1749	GARLK	411245 <sup>28</sup>	21158-1894	GARLK	417481 <sup>29</sup>	21158-2035	GARLK	416664 <sup>28</sup>	21158-2124	GARLK	455011
21158-1749	GARLK	455096	21158-1896	GARLK	417481 <sup>29</sup>	21158-2035	GARLK	455364	21158-2125	GARLK	416921 <sup>28</sup>
21158-1750	GARLK	417073 <sup>29</sup>	21158-1897	GARLK	455280 <sup>29</sup>	21158-2036	GARLK	416664 <sup>28</sup>	21158-2125	GARLK	455011
21158-1751	GARLK	417073 <sup>29</sup>	21158-1899	GARLK	455280	21158-2036	GARLK	455364	21158-2126	GARLK	416921 <sup>28</sup>
21158-1752	GARLK	417073	21158-1909	GARLK	411330N	21158-2037	GARLK	416664 <sup>28</sup>	21158-2126	GARLK	455011
21158-1771	GARLK	412040 <sup>29</sup>	21158-1912	GARLK	415302 <sup>29</sup>	21158-2037	GARLK	455364	21158-2127	GARLK	417134
21158-1780	GARLK	450104 <sup>29</sup>	21158-1915	GARLK	455311 <sup>29</sup>	21158-2038	GARLK	417484N	21158-2128	GARLK	417134
21158-1783	GARLK	411245 <sup>28</sup>	21158-1918	GARLK	415988 <sup>29</sup>	21158-2038	GARLK	455322	21158-2132	GARLK	417344 <sup>28</sup>
21158-1783	GARLK	455096	21158-1921	GARLK	417481 <sup>29</sup>	21158-2039	GARLK	417484N	21158-2132	GARLK	455006
21158-1801	GARLK	472029	21158-1924	GARLK	455280 <sup>29</sup>	21158-2039	GARLK	455322	21158-2135	GARLK	416404 <sup>28,29</sup>
21158-1802	GARLK	472029 <sup>29</sup>	21158-1926	GARLK	455280 <sup>29</sup>	21158-2040	GARLK	417484N	21158-2138	GARLK	416921 <sup>28</sup>
21158-1803	GARLK	472029 <sup>29</sup>	21158-1927	GARLK	412871 <sup>28</sup>	21158-2040	GARLK	455322	21158-2138	GARLK	455011
21158-1806	GARLK	410752	21158-1927	GARLK	450329	21158-2041	GARLK	415984 <sup>28</sup>	21158-2146	GARLK	416956 <sup>29</sup>
21158-1807	GARLK	471271 <sup>28</sup>	21158-1930	GARLK	412871 <sup>28</sup>	21158-2043	GARLK	415984 <sup>28</sup>	21158-2147	GARLK	416956 <sup>29</sup>
21158-1808	GARLK	471271 <sup>28</sup>	21158-1930	GARLK	450329	21158-2044	GARLK	417316 <sup>28</sup>	21158-2148	GARLK	416956
21158-1809	GARLK	450519	21158-1932	GARLK	412871 <sup>28</sup>	21158-2044	GARLK	455004	21158-2149	GARLK	417159 <sup>29</sup>
21158-1809	GARLK	471271 <sup>28</sup>	21158-1932	GARLK	450329	21158-2045	GARLK	417316 <sup>28</sup>	21158-2150	GARLK	417159 <sup>29</sup>
21158-1810	GARLK	410496 <sup>28</sup>	21158-1933	GARLK	413248	21158-2045	GARLK	455004	21158-2151	GARLK	417159 <sup>29</sup>
21158-1812	GARLK	410496 <sup>28</sup>	21158-1935	GARLK	413248	21158-2046	GARLK	417316 <sup>28</sup>	21158-2152	GARLK	416654 <sup>28</sup>
21158-1813	GARLK	470605 <sup>28,29</sup>	21158-1936	GARLK	450412 <sup>29</sup>	21158-2046	GARLK	455004	21158-2152	GARLK	455012
21158-1815	GARLK	470605 <sup>28,29</sup>	21158-1939	GARLK	415483 <sup>28</sup>	21158-2047	GARLK	415960	21158-2153	GARLK	416654 <sup>28</sup>
21158-1819	GARLK	415449 <sup>28</sup>	21158-1939	GARLK	455368	21158-2047	GARLK	455009	21158-2153	GARLK	455012
21158-1820	GARLK	415449 <sup>28</sup>	21158-1941	GARLK	415483 <sup>28</sup>	21158-2048	GARLK	415960	21158-2154	GARLK	416654 <sup>28</sup>
21158-1821	GARLK	415449 <sup>28</sup>	21158-1941	GARLK	455368	21158-2048	GARLK	455009	21158-2154	GARLK	455012
21158-1821	GARLK	455147	21158-1945	GARLK	415458 <sup>28</sup>	21158-2049	GARLK	415960	21158-2155	GARLK	417486 <sup>29</sup>
21158-1822	GARLK	415001 <sup>28</sup>	21158-1945	GARLK	455003	21158-2049	GARLK	455009	21158-2157	GARLK	416956 <sup>29</sup>
21158-1822	GARLK	455001	21158-1946	GARLK	415458 <sup>28</sup>	21158-2050	GARLK	416706 <sup>28</sup>	21158-2160	GARLK	417159 <sup>29</sup>
21158-1823	GARLK	415001 <sup>28</sup>	21158-1946	GARLK	455003	21158-2050	GARLK	455272	21158-2163	GARLK	416654 <sup>28</sup>
21158-1823	GARLK	455001	21158-1947	GARLK	415458 <sup>28</sup>	21158-2052	GARLK	416706 <sup>28</sup>	21158-2163	GARLK	455012
21158-1824	GARLK	415001 <sup>28</sup>	21158-1947	GARLK	455003	21158-2052	GARLK	455272	21158-2166	GARLK	417486 <sup>29</sup>
21158-1824	GARLK	455001	21158-1948	GARLK	417343 <sup>28,29</sup>	21158-2059	GARLK	417484N	21158-2168	GARLK	415281N
21158-1825	GARLK	416273 <sup>28</sup>	21158-1950	GARLK	417343 <sup>28</sup>	21158-2059	GARLK	455322	21158-2169	GARLK	415281N
21158-1826	GARLK	416273 <sup>28</sup>	21158-1951	GARLK	415007 <sup>29</sup>	21158-2062	GARLK	415984 <sup>28</sup>	21158-2170	GARLK	415281N
21158-1827	GARLK	416273 <sup>28</sup>	21158-1952	GARLK	415007 <sup>29</sup>	21158-2065	GARLK	417316 <sup>28</sup>	21158-2171	GARLK	417350 <sup>28</sup>
21158-1828	GARLK	455079 <sup>28,29</sup>	21158-1954	GARLK	417082 <sup>29</sup>	21158-2065	GARLK	455004	21158-2171	GARLK	455479
21158-1830	GARLK	455079 <sup>28</sup>	21158-1955	GARLK	417082 <sup>29</sup>	21158-2067	GARLK	417316 <sup>28</sup>	21158-2172	GARLK	417350 <sup>28</sup>
21158-1831	GARLK	415082 <sup>29</sup>	21158-1956	GARLK	417082	21158-2067	GARLK	455004	21158-2172	GARLK	455479
21158-1834	GARLK	455655 <sup>28,29</sup>	21158-1960	GARLK	413248	21158-2068	GARLK	415960 <sup>28</sup>	21158-2173	GARLK	417350 <sup>28</sup>
21158-1836	GARLK	455655 <sup>28,29</sup>	21158-1966	GARLK	415483 <sup>28</sup>	21158-2068	GARLK	455009	21158-2173	GARLK	455479
21158-1840	GARLK	450519	21158-1966	GARLK	455368	21158-2086	GARLK	455005 <sup>29</sup>	21158-2174	GARLK	415995 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-2174	GARLK	455013	21158-4600	GARLK	474256	21158-4745	GARLK	455146 <sup>28</sup>	21158-4891	GARLK	471862 <sup>29</sup>
21158-2175	GARLK	415995 <sup>28</sup>	21158-4603	GARLK	471231 <sup>28</sup>	21158-4752	GARLK	417512 <sup>29</sup>	21158-4897	GARLK	415025 <sup>29</sup>
21158-2175	GARLK	455013	21158-4605	GARLK	470027	21158-4754	GARLK	470027	21158-4899	GARLK	455536 <sup>29</sup>
21158-2176	GARLK	415995 <sup>28</sup>	21158-4605	GARLK	471554 <sup>28</sup>	21158-4754	GARLK	471554 <sup>28</sup>	21158-4900	GARLK	471391 <sup>28,29</sup>
21158-2176	GARLK	455013	21158-4610	GARLK	415871 <sup>29</sup>	21158-4766	GARLK	450069	21158-4902	GARLK	417269 <sup>28</sup>
21158-2189	GARLK	55548	21158-4640	GARLK	415991	21158-4766	GARLK	473232	21158-4904	GARLK	416556 <sup>28</sup>
21158-2190	GARLK	55548 <sup>29</sup>	21158-4640	GARLK	455146 <sup>28</sup>	21158-4766R1	GARLK	473232 <sup>28</sup>	21158-4904	GARLK	472157
21158-2191	GARLK	55548 <sup>29</sup>	21158-4645	GARLK	450143	21158-4768	GARLK	415482 <sup>29</sup>	21158-4908F1	GARLK	471529
21158-2196	GARLK	455820 <sup>29</sup>	21158-4646	GARLK	412119 <sup>28</sup>	21158-4771	GARLK	416892 <sup>28</sup>	21158-4912	GARLK	415150 <sup>28</sup>
21158-2197	GARLK	455820 <sup>29</sup>	21158-4646	GARLK	450101	21158-4772	GARLK	416345 <sup>28</sup>	21158-4914	GARLK	416271 <sup>28,29</sup>
21158-2223	GARLK	455020 <sup>29</sup>	21158-4651	GARLK	415035 <sup>28</sup>	21158-4772	GARLK	455033	21158-4916	GARLK	450365
21158-2224	GARLK	455020 <sup>29</sup>	21158-4651	GARLK	455035	21158-4774	GARLK	55078S <sup>29</sup>	21158-4916	GARLK	470898 <sup>28</sup>
21158-2225	GARLK	416011	21158-4652	GARLK	416239 <sup>28,29</sup>	21158-4775	GARLK	417526 <sup>29</sup>	21158-4924	GARLK	417597 <sup>29</sup>
21158-2225	GARLK	417621 <sup>28</sup>	21158-4654	GARLK	417172 <sup>29</sup>	21158-4780	GARLK	416892 <sup>28</sup>	21158-4925	GARLK	417606 <sup>29</sup>
21158-2436	GARLK	415832 <sup>29</sup>	21158-4659	GARLK	450489	21158-4781	GARLK	471549 <sup>28</sup>	21158-4928	GARLK	416154 <sup>28,29</sup>
21158-2437	GARLK	415832 <sup>29</sup>	21158-4659	GARLK	473244	21158-4783	GARLK	417541 <sup>29</sup>	21158-4929	GARLK	455462 <sup>29</sup>
21158-2510	GARLK	417366 <sup>28</sup>	211584662	GARLK	470506 <sup>28</sup>	21158-4784	GARLK	415072 <sup>29</sup>	21158-4934	GARLK	415066 <sup>29</sup>
21158-2513	GARLK	415958 <sup>28</sup>	21158-4665	GARLK	450316	21158-4785	GARLK	415124 <sup>29</sup>	21158-4938	GARLK	412920 <sup>28</sup>
21158-2513	GARLK	455958	21158-4665	GARLK	472636 <sup>28</sup>	21158-4787	GARLK	476470	21158-4938	GARLK	450132
21158-2706	GARLK	417238	21158-4667	GARLK	55548 <sup>29</sup>	21158-4788	GARLK	415066 <sup>29</sup>	21158-4938F1	GARLK	412920 <sup>28</sup>
21158-2707	GARLK	417238 <sup>29</sup>	21158-4668	GARLK	417541 <sup>29</sup>	21158-4789	GARLK	415327 <sup>29</sup>	21158-4945	GARLK	416738 <sup>28</sup>
21158-2994	GARLK	417258	21158-4669	GARLK	416892 <sup>28</sup>	21158-4790	GARLK	416288 <sup>28,29</sup>	21158-4945	GARLK	450096
21158-2995	GARLK	417258 <sup>29</sup>	21158-4670	GARLK	450083	21158-4792	GARLK	471354 <sup>28,29</sup>	21158-4958	GARLK	411394 <sup>28</sup>
21158-3547	GARLK	415482	21158-4670	GARLK	472924 <sup>28</sup>	21158-4800	GARLK	417020 <sup>29</sup>	21158-4958	GARLK	450317
21158-3552	GARLK	415551 <sup>29</sup>	21158-4671	GARLK	470351	21158-4801	GARLK	415227 <sup>28,29</sup>	21158-4959	GARLK	416268
21158-3863	GARLK	350435	21158-4671	GARLK	471504 <sup>28</sup>	21158-4802	GARLK	450545	21158-4966	GARLK	417247 <sup>28,29</sup>
21158-3869	GARLK	472705 <sup>28</sup>	21158-4672	GARLK	450352	21158-4804	GARLK	417487	21158-4967	GARLK	417549 <sup>28,29</sup>
21158-3871	GARLK	450342	21158-4672	GARLK	472164 <sup>28</sup>	21158-4804	GARLK	455086	21158-4968	GARLK	416144 <sup>29</sup>
21158-3872	GARLK	471747 <sup>28</sup>	21158-4677	GARLK	472560N <sup>28</sup>	21158-4806	GARLK	455129 <sup>29</sup>	21158-4976	GARLK	472843 <sup>29</sup>
21158-3872	GARLK	472674	21158-4677	GARLK	50151S	21158-4808	GARLK	417247 <sup>28,29</sup>	21158-4982	GARLK	417547 <sup>29</sup>
21158-3873	GARLK	471747 <sup>28</sup>	21158-4681	GARLK	415124 <sup>29</sup>	21158-4809	GARLK	415294 <sup>28</sup>	21158-4987	GARLK	415458 <sup>28</sup>
21158-3873	GARLK	472674	21158-4682	GARLK	417351 <sup>28</sup>	21158-4809	GARLK	455294	21158-4987	GARLK	455003
21158-3874	GARLK	471747 <sup>28</sup>	21158-4682	GARLK	455154	21158-4825	GARLK	417254 <sup>29</sup>	21158-4988	GARLK	470403
21158-3874	GARLK	472674	21158-4686	GARLK	417344 <sup>28</sup>	21158-4828	GARLK	416865 <sup>28,29</sup>	21158-4988	GARLK	470774 <sup>28</sup>
21158-3876	GARLK	473425	21158-4686	GARLK	455006	21158-4832	GARLK	415303 <sup>28</sup>	21158-4991	GARLK	455480 <sup>28</sup>
21158-3879	GARLK	472536	21158-4688	GARLK	415645 <sup>28</sup>	21158-4836	GARLK	417247 <sup>28,29</sup>	21158-4992	GARLK	473237 <sup>28</sup>
21158-3880	GARLK	471344 <sup>29</sup>	21158-4688	GARLK	455104	21158-4837	GARLK	415196 <sup>28,29</sup>	21158-4998	GARLK	417486 <sup>29</sup>
21158-3883	GARLK	473442 <sup>28,29</sup>	21158-4691	GARLK	473475 <sup>29</sup>	21158-4838	GARLK	413469 <sup>28,29</sup>	2115850	GARLK	471442 <sup>28</sup>
21158-3885	GARLK	470088 <sup>29</sup>	21158-4693	GARLK	472144 <sup>28,29</sup>	21158-4838F1	GARLK	413469 <sup>28</sup>	21158-5002	GARLK	415683 <sup>29</sup>
21158-3887	GARLK	471841	21158-4695	GARLK	416229 <sup>29</sup>	211584842	GARLK	471472 <sup>28</sup>	21158-5005	GARLK	450183
21158-3889	GARLK	450965 <sup>29</sup>	211584704	GARLK	471785 <sup>28</sup>	21158-4844	GARLK	415001 <sup>28</sup>	21158-5005	GARLK	472179
21158-3902	GARLK	455080 <sup>29</sup>	21158-4710	GARLK	455026 <sup>29</sup>	21158-4844	GARLK	455001	21158-5007	GARLK	472287 <sup>28,29</sup>
21158-3904	GARLK	472234 <sup>29</sup>	21158-4712	GARLK	456105 <sup>29</sup>	21158-4847	GARLK	450431	21158-5008	GARLK	415437 <sup>28</sup>
21158-3949	GARLK	455966	21158-4717	GARLK	455019 <sup>28</sup>	21158-4847	GARLK	471539 <sup>28</sup>	21158-5008	GARLK	455173
211584483	GARLK	415442 <sup>28</sup>	21158-4718	GARLK	473212 <sup>28</sup>	21158-4854	GARLK	415035	21158-5025	GARLK	416288 <sup>28,29</sup>
21158-4484	GARLK	455396 <sup>29</sup>	21158-4720	GARLK	416107 <sup>28</sup>	21158-4854	GARLK	415953	21158-5028	GARLK	455476 <sup>29</sup>
21158-4560	GARLK	415294 <sup>28</sup>	21158-4720	GARLK	455073	21158-4855	GARLK	481537 <sup>29</sup>	21158-5030	GARLK	415023
21158-4560	GARLK	455294	21158-4723	GARLK	417134	21158-4861	GARLK	473226 <sup>29</sup>	21158-5031	GARLK	415072 <sup>29</sup>
21158-4579	GARLK	470088	21158-4727	GARLK	416865 <sup>28,29</sup>	21158-4862	GARLK	471870 <sup>28</sup>	21158-5041	GARLK	471538 <sup>28,29</sup>
21158-4580	GARLK	415023	21158-4729	GARLK	457874	21158-4862	GARLK	471883	21158-5041F1	GARLK	471538 <sup>28</sup>
21158-4584	GARLK	472658	21158-4732	GARLK	417196 <sup>28,29</sup>	21158-4865	GARLK	417254 <sup>29</sup>	21158-5043	GARLK	415371 <sup>29</sup>
21158-4584	GARLK	473197	21158-4734	GARLK	415082 <sup>29</sup>	21158-4871	GARLK	470954 <sup>28,29</sup>	21158-5049	GARLK	415034 <sup>28</sup>
21158-4586	GARLK	471570 <sup>28</sup>	21158-4735	GARLK	411376 <sup>28</sup>	21158-4872	GARLK	417597 <sup>29</sup>	21158-5049	GARLK	455034
21158-4589	GARLK	450400 <sup>29</sup>	21158-4735	GARLK	455093	21158-4873	GARLK	416888 <sup>28</sup>	21158-5050	GARLK	350364 <sup>29</sup>
21158-4590	GARLK	450352	21158-4735F1	GARLK	411376 <sup>28</sup>	21158-4873	GARLK	455200	21158-5051	GARLK	417539 <sup>28,29</sup>
21158-4590	GARLK	472164 <sup>28</sup>	21158-4736	GARLK	55028 <sup>29</sup>	21158-4876	GARLK	455406 <sup>28,29</sup>	21158-5053	GARLK	473242 <sup>29</sup>
21158-4592	GARLK	450365	21158-4738	GARLK	416011	21158-4878	GARLK	417602 <sup>28</sup>	21158-5059	GARLK	417351 <sup>28</sup>
21158-4592	GARLK	470898 <sup>28</sup>	21158-4738	GARLK	417621 <sup>28</sup>	21158-4882	GARLK	417262 <sup>28</sup>	21158-5059	GARLK	455154
21158-4593	GARLK	411330N	21158-4740	GARLK	414045 <sup>28,29</sup>	21158-4882	GARLK	455448	21158-5060	GARLK	455336 <sup>29</sup>
21158-4600	GARLK	472432	21158-4745	GARLK	415991	21158-4883	GARLK	417269 <sup>28</sup>	21158-5061	GARLK	415483 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-5061	GARLK	455368	21158-5968	GARLK	473474	21158-6415	GARLK	470027	21158-6502	GARLK	416288 <sup>28,29</sup>
21158-5063	GARLK	55028 <sup>29</sup>	21158-5969	GARLK	455509	21158-6415	GARLK	471554 <sup>28</sup>	21158-6506	GARLK	450519
21158-5066	GARLK	415045 <sup>28</sup>	21158-5978	GARLK	473380 <sup>29</sup>	21158-6418	GARLK	415295 <sup>29</sup>	21158-6506	GARLK	471271 <sup>28</sup>
21158-5078	GARLK	450301	21158-5980	GARLK	412119 <sup>28</sup>	21158-6422	GARLK	417598 <sup>29</sup>	21158-6506F1	GARLK	471271 <sup>28</sup>
21158-5078	GARLK	472397 <sup>28</sup>	21158-5980	GARLK	450101	211586430	GARLK	471785 <sup>28</sup>	21158-6510	GARLK	417600 <sup>29</sup>
21158-5079	GARLK	416339	21158-5981	GARLK	55078S <sup>29</sup>	21158-6431	GARLK	455022 <sup>29</sup>	21158-6511	GARLK	415088 <sup>28</sup>
21158-5079	GARLK	455031 <sup>28</sup>	21158-5983	GARLK	415036 <sup>29</sup>	21158-6433	GARLK	416364 <sup>28,29</sup>	21158-6511	GARLK	455088
21158-5208F1	GARLK	417211 <sup>28</sup>	211586	CLARK	470169	21158-6434	GARLK	417357	21158-6513	GARLK	416167 <sup>28</sup>
21158-5256F1	GARLK	472179	211586	CLARK	473214 <sup>28</sup>	21158-6434	GARLK	455192 <sup>28</sup>	21158-6513	GARLK	455091
21158-5268F1	GARLK	473440 <sup>28</sup>	21158-6028F1	GARLK	472185 <sup>28</sup>	21158-6437	GARLK	416239 <sup>28,29</sup>	21158-6515	GARLK	455434 <sup>29</sup>
21158-5283F1	GARLK	472492 <sup>28</sup>	21158-6062	GARLK	472810 <sup>28</sup>	21158-6438	GARLK	450301	21158-6516	GARLK	470358
21158-5295	GARLK	471744 <sup>28</sup>	21158-6099	GARLK	481397 <sup>29</sup>	21158-6438	GARLK	472397 <sup>28</sup>	21158-6516	GARLK	473231
21158-5387F1	GARLK	415449 <sup>28</sup>	21158-6127	GARLK	471231 <sup>28</sup>	21158-6438R1	GARLK	472397 <sup>28</sup>	21158-6517	GARLK	471808 <sup>28,29</sup>
21158-5387R1	GARLK	415449 <sup>28</sup>	21158-6141F1	GARLK	473244 <sup>28</sup>	21158-6439	GARLK	417350 <sup>28</sup>	21158-6521	GARLK	455462 <sup>29</sup>
21158-5393	GARLK	450066	21158-6192	GARLK	470806 <sup>29</sup>	21158-6439	GARLK	455479	21158-6522	GARLK	471984 <sup>29</sup>
21158-5393	GARLK	473367 <sup>28</sup>	21158-6224	GARLK	480630 <sup>28</sup>	21158-6440	GARLK	410520	21158-6522R1	GARLK	471984
21158-5394F1	GARLK	471785 <sup>28</sup>	21158-6224	GARLK	480991	21158-6440	GARLK	471272 <sup>28</sup>	21158-6523	GARLK	471267 <sup>28,29</sup>
21158-5398	GARLK	412871 <sup>28</sup>	21158-6230	GARLK	470358	21158-6444	GARLK	416654 <sup>28</sup>	21158-6523F1	GARLK	471267 <sup>28</sup>
21158-5398	GARLK	450329	21158-6230	GARLK	473231	21158-6444	GARLK	455012	21158-6524F1	GARLK	471649 <sup>28</sup>
21158-5496	GARLK	473439 <sup>28</sup>	21158-6231	GARLK	470358	21158-6446	GARLK	412473 <sup>28</sup>	21158-6528	GARLK	418028
21158-5501	GARLK	450523	21158-6231	GARLK	473231	21158-6446	GARLK	415894	21158-6528	GARLK	455137 <sup>28</sup>
21158-5560	GARLK	411253 <sup>28</sup>	21158-6245	GARLK	450400 <sup>29</sup>	21158-6450	GARLK	453165	21158-6529	GARLK	473224 <sup>28,29</sup>
21158-5560	GARLK	450099	21158-6252	GARLK	450494	21158-6450	GARLK	471619 <sup>28</sup>	21158-6530	GARLK	415072 <sup>29</sup>
21158-5581	GARLK	415458 <sup>28</sup>	21158-6252	GARLK	472164 <sup>28</sup>	21158-6451	GARLK	417488 <sup>28,29</sup>	21158-6534	GARLK	415991
21158-5656	GARLK	473426	21158-6266	GARLK	417474 <sup>29</sup>	21158-6456	GARLK	415449 <sup>28</sup>	21158-6534	GARLK	455146 <sup>28</sup>
21158-5657F1	GARLK	471466 <sup>28</sup>	21158-6271	GARLK	470625 <sup>28,29</sup>	21158-6456	GARLK	455147	21158-6541	GARLK	411245 <sup>28</sup>
21158-5704	GARLK	471737	21158-6272	GARLK	450389	211586457	GARLK	472826 <sup>28</sup>	21158-6541	GARLK	455096
211585713	GARLK	473227	21158-6272	GARLK	472492 <sup>28</sup>	21158-6459F1	GARLK	470565 <sup>28</sup>	21158-6545	GARLK	415711 <sup>29</sup>
21158-5886	GARLK	455008 <sup>29</sup>	21158-6289	GARLK	471498 <sup>29</sup>	21158-6461	GARLK	456105 <sup>29</sup>	21158-6546	GARLK	472439 <sup>29</sup>
21158-5887	GARLK	473446 <sup>29</sup>	21158-6300	GARLK	476514	21158-6462	GARLK	473225 <sup>28,29</sup>	21158-6547	GARLK	473237 <sup>28</sup>
21158-5892	GARLK	416888 <sup>28</sup>	21158-6328	GARLK	416011	21158-6465	GARLK	415147	21158-6548	GARLK	473243 <sup>29</sup>
21158-5892	GARLK	455200	21158-6328	GARLK	417621 <sup>28</sup>	21158-6465	GARLK	415449 <sup>28</sup>	21158-6549	GARLK	473405 <sup>29</sup>
21158-5893	GARLK	472810 <sup>28</sup>	21158-6333	GARLK	455330 <sup>28</sup>	21158-6465R1	GARLK	415147	21158-6550	GARLK	417605 <sup>29</sup>
21158-5897	GARLK	455080 <sup>29</sup>	21158-6335	GARLK	455583N <sup>28,29</sup>	21158-6465R1	GARLK	415449 <sup>28</sup>	21158-6551	GARLK	450067
21158-5900	GARLK	473466 <sup>29</sup>	21158-6340	GARLK	417600 <sup>29</sup>	21158-6466	GARLK	471763 <sup>29</sup>	21158-6551	GARLK	473228
21158-5906	GARLK	417020 <sup>29</sup>	21158-6353	GARLK	473405 <sup>29</sup>	21158-6467	GARLK	417316 <sup>28</sup>	21158-6551R1	GARLK	473228 <sup>28</sup>
21158-5907	GARLK	416404 <sup>28,29</sup>	21158-6356	GARLK	476470 <sup>29</sup>	21158-6467	GARLK	455004	21158-6554	GARLK	473236 <sup>28,29</sup>
21158-5912	GARLK	417548 <sup>29</sup>	21158-6358	GARLK	415991	21158-6468	GARLK	416071 <sup>29</sup>	21158-6556	GARLK	417357
21158-5913	GARLK	472018 <sup>29</sup>	21158-6358	GARLK	455146 <sup>28</sup>	21158-6469	GARLK	472394 <sup>29</sup>	21158-6556	GARLK	455192 <sup>28</sup>
21158-5914	GARLK	450194	21158-6359	GARLK	416047	21158-6469R1	GARLK	472394	21158-6560	GARLK	412040 <sup>29</sup>
21158-5914	GARLK	473010	21158-6359	GARLK	416332 <sup>28</sup>	21158-6470	GARLK	471689 <sup>28</sup>	21158-6563	GARLK	415045 <sup>28</sup>
21158-5920	GARLK	417567 <sup>29</sup>	21158-6360	GARLK	415035 <sup>28</sup>	21158-6470F1	GARLK	471689 <sup>28,29</sup>	21158-6564	GARLK	415551 <sup>29</sup>
21158-5922	GARLK	415281N	21158-6360	GARLK	455035	21158-6471	GARLK	417316 <sup>28</sup>	21158-6565	GARLK	417357
21158-5925	GARLK	417486 <sup>29</sup>	21158-6360	GARLK	455035	21158-6471	GARLK	455004	21158-6565	GARLK	455192 <sup>28</sup>
21158-5929	GARLK	415551 <sup>29</sup>	21158-6361	GARLK	415196 <sup>28,29</sup>	21158-6474	GARLK	470682 <sup>29</sup>	21158-6568	GARLK	415035 <sup>28</sup>
21158-5930	GARLK	417211 <sup>28</sup>	21158-6363	GARLK	416888 <sup>28</sup>	21158-6475	GARLK	450444	21158-6568	GARLK	455035
21158-5933	GARLK	55301S <sup>29</sup>	21158-6363	GARLK	455200	21158-6475	GARLK	471835 <sup>28</sup>	21158-6573	GARLK	415090 <sup>29</sup>
21158-5937	GARLK	482310	21158-6365	GARLK	415725 <sup>28</sup>	21158-6478	GARLK	410520	21158-6576	GARLK	470403
21158-5938	GARLK	415371 <sup>29</sup>	21158-6366	GARLK	417549 <sup>28,29</sup>	21158-6478	GARLK	471272 <sup>28</sup>	21158-6576	GARLK	470774 <sup>28</sup>
21158-5945	GARLK	417278 <sup>29</sup>	21158-6369	GARLK	417515 <sup>29</sup>	211586479	GARLK	471192	21158-6578	GARLK	415449 <sup>28</sup>
21158-5947	GARLK	411253 <sup>28</sup>	21158-6370	GARLK	416229 <sup>29</sup>	21158-6479R1	GARLK	471192	21158-6578	GARLK	455147
21158-5947	GARLK	450099	21158-6374	GARLK	416364 <sup>28,29</sup>	21158-6484	GARLK	416666 <sup>29</sup>	211586580	GARLK	450593 <sup>28</sup>
21158-5948	GARLK	415984 <sup>28</sup>	21158-6375	GARLK	416239 <sup>28,29</sup>	21158-6487	GARLK	471887 <sup>29</sup>	21158-6581	GARLK	417603 <sup>28,29</sup>
21158-5953	GARLK	417357	21158-6378	GARLK	415867 <sup>29</sup>	21158-6489	GARLK	455018	21158-6584	GARLK	455018
21158-5953	GARLK	455192 <sup>28</sup>	21158-6385	GARLK	417603 <sup>28</sup>	21158-6489	GARLK	476470	21158-6584	GARLK	476470
21158-5957	GARLK	471413 <sup>28</sup>	21158-6387	GARLK	55301S <sup>29</sup>	21158-6497	GARLK	417487	21158-6585	GARLK	455655 <sup>28,29</sup>
21158-5959	GARLK	415090 <sup>29</sup>	21158-6391	GARLK	417605 <sup>29</sup>	21158-6497	GARLK	455014	21158-6586	GARLK	415090 <sup>29</sup>
21158-5960	GARLK	417606 <sup>29</sup>	21158-6395	GARLK	415482 <sup>29</sup>	21158-6499	GARLK	417487	21158-6588	GARLK	416654 <sup>28</sup>
21158-5966	GARLK	450183	21158-6413	GARLK	417247 <sup>28,29</sup>	21158-6499	GARLK	455014	21158-6588	GARLK	455012
21158-5966	GARLK	472179	21158-6414	GARLK	473460 <sup>29</sup>	21158-6500	GARLK	471267 <sup>28,29</sup>	21158-6588R1	GARLK	416654 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-6590	GARLK	416047	21158-6706	GARLK	450095	21158-6806	GARLK	455031 <sup>28</sup>	21158-6937R1	GARLK	470625 <sup>28</sup>
21158-6590	GARLK	416332 <sup>28</sup>	21158-6706	GARLK	473464 <sup>28</sup>	21158-6832	GARLK	450183	21158-6938	GARLK	417269 <sup>28</sup>
21158-6592	GARLK	473450	21158-6707	GARLK	417554 <sup>28,29</sup>	21158-6832	GARLK	472179	21158-6939	GARLK	417541 <sup>29</sup>
21158-6593	GARLK	472015 <sup>28</sup>	21158-6708	GARLK	455018	21158-6832R1	GARLK	472179	21158-6946	GARLK	417539 <sup>28,29</sup>
21158-6599	GARLK	416921 <sup>28</sup>	21158-6708	GARLK	476470	21158-6833	GARLK	417606 <sup>29</sup>	21158-6947	GARLK	416364 <sup>28,29</sup>
21158-6599	GARLK	455011	21158-6711	GARLK	415725 <sup>28</sup>	21158-6835	GARLK	417509 <sup>29</sup>	21158-6949	GARLK	415138 <sup>28</sup>
21158-6600	GARLK	416345 <sup>28</sup>	21158-6713	GARLK	417601 <sup>29</sup>	21158-6838	GARLK	9568 <sup>29</sup>	21158-6950	GARLK	450869 <sup>29</sup>
21158-6600	GARLK	455033	21158-6714	GARLK	415988 <sup>29</sup>	21158-6839	GARLK	476470 <sup>29</sup>	21158-6952	GARLK	417362 <sup>28,29</sup>
21158-6602	GARLK	457874 <sup>29</sup>	21158-6716	GARLK	416664 <sup>28</sup>	21158-6840	GARLK	417506 <sup>29</sup>	21158-6955	GARLK	450291
21158-6603	GARLK	415725 <sup>28</sup>	21158-6716	GARLK	455364	21158-6842	GARLK	417020 <sup>29</sup>	21158-6955	GARLK	471141 <sup>28</sup>
21158-6604	GARLK	472015 <sup>28</sup>	21158-6722	GARLK	417601 <sup>29</sup>	21158-6847	GARLK	417526 <sup>29</sup>	21158-6957	GARLK	470354 <sup>29</sup>
21158-6605	GARLK	473243 <sup>29</sup>	21158-6723	GARLK	417488 <sup>28,29</sup>	21158-6853	GARLK	472394 <sup>29</sup>	21158-6959	GARLK	455476 <sup>29</sup>
21158-6608	GARLK	471870 <sup>28</sup>	21158-6730	GARLK	417344 <sup>28</sup>	211586856	GARLK	471255 <sup>28</sup>	21158-6961	GARLK	470062
21158-6608	GARLK	471883	21158-6730	GARLK	455006	21158-6857	GARLK	470189	21158-6961	GARLK	474264
21158-6610	GARLK	450067	21158-6730R1	GARLK	417344 <sup>28</sup>	21158-6857	GARLK	471692 <sup>28</sup>	21158-6966	GARLK	455655 <sup>28,29</sup>
21158-6610	GARLK	473228	21158-6732	GARLK	471760 <sup>29</sup>	21158-6860	GARLK	450194	21158-6968	GARLK	415021 <sup>29</sup>
21158-6616	GARLK	455476 <sup>29</sup>	21158-6733	GARLK	330385 <sup>28</sup>	21158-6860	GARLK	473010	21158-6971	GARLK	471558 <sup>29</sup>
21158-6632	GARLK	455151	21158-6734	GARLK	416154 <sup>28,29</sup>	21158-6860R1	GARLK	473010 <sup>28</sup>	21158-6975	GARLK	9568 <sup>29</sup>
21158-6634	GARLK	415116 <sup>29</sup>	21158-6739	GARLK	416011	21158-6860T2	GARLK	473010 <sup>28</sup>	21158-6978	GARLK	415196 <sup>28,29</sup>
21158-6635	GARLK	417542 <sup>29</sup>	21158-6739	GARLK	417621 <sup>28</sup>	21158-6864	GARLK	417073 <sup>29</sup>	21158-6981	GARLK	455194 <sup>29</sup>
211586637	GARLK	471466 <sup>28</sup>	21158-6741	GARLK	417254 <sup>29</sup>	21158-6865	GARLK	417481 <sup>29</sup>	21158-6982	GARLK	416345 <sup>28</sup>
21158-6638	GARLK	473240 <sup>28,29</sup>	21158-6741F1	GARLK	417254	21158-6866	GARLK	412871 <sup>28</sup>	21158-6982	GARLK	455033
21158-6639	GARLK	472658	21158-6744F1	GARLK	471981	21158-6866	GARLK	450329	21158-6984	GARLK	471564 <sup>29</sup>
21158-6639	GARLK	473197	21158-6745	GARLK	470163	21158-6868	GARLK	417351 <sup>28</sup>	21158-6990	GARLK	415035
21158-6640	GARLK	415725 <sup>28</sup>	21158-6745	GARLK	471766 <sup>28</sup>	21158-6868	GARLK	455154	21158-6990	GARLK	415953
21158-6644	GARLK	457874	21158-6745R1	GARLK	471766 <sup>28</sup>	21158-6870	GARLK	455134 <sup>28,29</sup>	21158-6991	GARLK	416125 <sup>28,29</sup>
21158-6645	GARLK	415991	21158-6746	GARLK	415683 <sup>29</sup>	21158-6871	GARLK	417515 <sup>29</sup>	21158-6992	GARLK	470045
21158-6645	GARLK	455146 <sup>28</sup>	211586749	GARLK	471255 <sup>28</sup>	21158-6872	GARLK	417362 <sup>28,29</sup>	21158-6992	GARLK	476838 <sup>28</sup>
21158-6651	GARLK	417343 <sup>28,29</sup>	21158-6750	GARLK	415645 <sup>28</sup>	21158-6888	GARLK	417584 <sup>29</sup>	211586993	GARLK	471765 <sup>28</sup>
21158-6652	GARLK	417496 <sup>29</sup>	21158-6750	GARLK	455104	21158-6892	GARLK	416239 <sup>28,29</sup>	21158-6993F1	GARLK	471765 <sup>28</sup>
21158-6654	GARLK	472138	21158-6753	GARLK	470074	21158-6893	GARLK	416865 <sup>28,29</sup>	21158-6995	GARLK	471138 <sup>28</sup>
21158-6658	GARLK	471276 <sup>29</sup>	21158-6753	GARLK	474265	21158-6895	GARLK	455406 <sup>28,29</sup>	21158-70	GARLK	471535 <sup>28</sup>
21158-6664	GARLK	415379 <sup>28</sup>	21158-6755F1	GARLK	471224 <sup>28</sup>	21158-6896	GARLK	481073 <sup>29</sup>	21158-7007	GARLK	472810 <sup>28</sup>
21158-6664	GARLK	455379	21158-6757	GARLK	411376 <sup>28</sup>	21158-6898	GARLK	470565 <sup>28,29</sup>	21158-7039	GARLK	450431
21158-6665	GARLK	417541 <sup>29</sup>	21158-6757	GARLK	455093	21158-6898R1	GARLK	470565 <sup>28</sup>	21158-7039	GARLK	471539 <sup>28</sup>
211586667	GARLK	470059	21158-6760	GARLK	417603 <sup>28,29</sup>	21158-6899	GARLK	450185	21158-7060	GARLK	472432
211586667	GARLK	470380 <sup>28</sup>	21158-6762	GARLK	417134 <sup>29</sup>	21158-6899	GARLK	473229	21158-7060	GARLK	474256
21158-6667R1	GARLK	470380 <sup>28</sup>	21158-6764	GARLK	455015 <sup>29</sup>	21158-69	GARLK	471535 <sup>28</sup>	21158-7069	GARLK	470403
21158-6668	GARLK	413478 <sup>29</sup>	21158-6765	GARLK	417278 <sup>29</sup>	21158-6900	GARLK	417316 <sup>28</sup>	21158-7069	GARLK	470774 <sup>28</sup>
21158-6670	GARLK	415294 <sup>28</sup>	21158-6767	GARLK	415035	21158-6900	GARLK	455004	21158-7072	GARLK	470062
21158-6670	GARLK	455294	21158-6767	GARLK	415953	21158-6901	GARLK	416047	21158-7072	GARLK	474264
211586674	GARLK	471795	21158-6768	GARLK	417020	21158-6901	GARLK	416332 <sup>28</sup>	21158-7081	GARLK	473237 <sup>28</sup>
211586675	GARLK	471801 <sup>28</sup>	21158-6770	GARLK	417604	21158-6904	GARLK	450301	21158-7090	GARLK	450519
21158-6675R1	GARLK	471801 <sup>28</sup>	21158-6773	GARLK	415551 <sup>29</sup>	21158-6904	GARLK	472397 <sup>28</sup>	21158-7090	GARLK	471271 <sup>28</sup>
21158-6678	GARLK	417082 <sup>29</sup>	21158-6774	GARLK	470169	21158-6904F1	GARLK	472397 <sup>28</sup>	21158-7091	GARLK	415082 <sup>29</sup>
21158-6679	GARLK	417191	21158-6774	GARLK	473214	21158-6907	GARLK	415027 <sup>29</sup>	21158-7099	GARLK	450083
21158-6680	GARLK	416921 <sup>28</sup>	21158-6774R1	GARLK	473214 <sup>28</sup>	21158-6914	GARLK	416476 <sup>28</sup>	21158-7099	GARLK	472924 <sup>28</sup>
21158-6680	GARLK	455011	21158-6794	GARLK	450066	21158-6914	GARLK	455075	21158-7099F1	GARLK	472924 <sup>28,29</sup>
21158-6680F1	GARLK	416921 <sup>28</sup>	21158-6794	GARLK	473367 <sup>28</sup>	21158-6917	GARLK	417525 <sup>29</sup>	2115871	GARLK	471551 <sup>28</sup>
21158-6682	GARLK	450316	21158-6795	GARLK	450441	21158-6920	GARLK	415294 <sup>28</sup>	21158-7101	GARLK	417604
21158-6682	GARLK	472636 <sup>28</sup>	21158-6795	GARLK	471341 <sup>28</sup>	21158-6920	GARLK	455294	21158-7104	GARLK	415458 <sup>28</sup>
21158-6687	GARLK	415077 <sup>29</sup>	21158-6796	GARLK	417362 <sup>28,29</sup>	21158-6921	GARLK	455462 <sup>29</sup>	21158-7104	GARLK	455003
21158-6692	GARLK	417355 <sup>28,29</sup>	21158-6797	GARLK	455330 <sup>28</sup>	21158-6923	GARLK	415711 <sup>29</sup>	21158-7110	GARLK	416888 <sup>28</sup>
21158-67	GARLK	471281 <sup>28</sup>	21158-6798	GARLK	415559 <sup>29</sup>	21158-6924	GARLK	416666 <sup>29</sup>	21158-7110	GARLK	455200
21158-6700	GARLK	415302 <sup>29</sup>	21158-6799	GARLK	415035	21158-6927	GARLK	470027	21158-7114	GARLK	415551 <sup>29</sup>
21158-6700F1	GARLK	415302	21158-6799	GARLK	415953	21158-6927	GARLK	471554 <sup>28</sup>	21158-7115	GARLK	415991
21158-6701	GARLK	470169	21158-68	GARLK	471281 <sup>28</sup>	21158-6927F1	GARLK	471554 <sup>28</sup>	21158-7115	GARLK	455146 <sup>28</sup>
21158-6701	GARLK	473214	21158-6800	GARLK	417082 <sup>29</sup>	21158-6934	GARLK	473235 <sup>28</sup>	21158-7120	GARLK	417366 <sup>28</sup>
21158-6705	GARLK	470064	21158-6802	GARLK	455480 <sup>28</sup>	21158-6937	GARLK	470548	21158-7121	GARLK	473437 <sup>29</sup>
21158-6705	GARLK	471821 <sup>28</sup>	21158-6806	GARLK	416339	21158-6937	GARLK	470625 <sup>28</sup>	21158-7125	GARLK	470358

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-7125	GARLK	473231	21158-7230	GARLK	455173	21158-7346	GARLK	451948	21158-7554	GARLK	415683 <sup>29</sup>
21158-7126	GARLK	470596 <sup>29</sup>	21158-7231	GARLK	417354 <sup>28,29</sup>	21158-7347	GARLK	415027 <sup>28</sup>	21158-7555	GARLK	471984 <sup>29</sup>
21158-7128	GARLK	416666 <sup>29</sup>	21158-7233	GARLK	415551 <sup>29</sup>	21158-7347	GARLK	455027	21158-7555F1	GARLK	471984
21158-7130	GARLK	471316	21158-7238	GARLK	450104 <sup>29</sup>	21158-7348	GARLK	417535 <sup>29</sup>	21158-7559	GARLK	417356 <sup>28</sup>
21158-7134	GARLK	416154 <sup>28,29</sup>	21158-7241	GARLK	455406 <sup>28,29</sup>	21158-7349	GARLK	475384 <sup>29</sup>	21158-7559	GARLK	455188
211587137	GARLK	470059	21158-7245	GARLK	415371 <sup>29</sup>	21158-7350	GARLK	415991	21158-7560	GARLK	416154 <sup>28,29</sup>
211587137	GARLK	470380 <sup>28</sup>	21158-7247	GARLK	417562 <sup>29</sup>	21158-7350	GARLK	455146 <sup>28</sup>	21158-7561	GARLK	417602 <sup>28</sup>
21158-7140	GARLK	472029 <sup>29</sup>	21158-7248	GARLK	471869	21158-7353	GARLK	417601 <sup>29</sup>	21158-7562	GARLK	415219 <sup>29</sup>
21158-7141	GARLK	416556 <sup>28</sup>	21158-7248	GARLK	473459	21158-7357	GARLK	412473 <sup>28</sup>	21158-7563	GARLK	450389
21158-7141	GARLK	472157	21158-7249	GARLK	415960 <sup>28</sup>	21158-7357	GARLK	415894	21158-7563	GARLK	472492 <sup>28</sup>
21158-7145	GARLK	472012 <sup>29</sup>	21158-7249	GARLK	455009	211587358	GARLK	471646 <sup>28</sup>	21158-7564	GARLK	450519
21158-7145F1	GARLK	472012	21158-7253	GARLK	415027 <sup>28</sup>	21158-7364	GARLK	455019 <sup>28</sup>	21158-7564	GARLK	471271 <sup>28</sup>
21158-7146	GARLK	350435 <sup>29</sup>	21158-7253	GARLK	455027	21158-7366	GARLK	417550 <sup>29</sup>	21158-7566	GARLK	416865 <sup>28,29</sup>
21158-7152	GARLK	450066	21158-7254	GARLK	450154	21158-7368	GARLK	455480 <sup>28</sup>	21158-7567F1	GARLK	471192
21158-7152	GARLK	473367 <sup>28</sup>	21158-7254	GARLK	473234	21158-7370F1	GARLK	472164 <sup>28</sup>	21158-7568	GARLK	470548
21158-7152F1	GARLK	471419	21158-7254F1	GARLK	473234 <sup>28</sup>	21158-7371	GARLK	415551 <sup>29</sup>	21158-7568	GARLK	470625 <sup>28</sup>
21158-7152F1	GARLK	473367	21158-7255	GARLK	417351 <sup>28</sup>	21158-7372	GARLK	471808 <sup>28,29</sup>	21158-7568F1	GARLK	470625 <sup>28,29</sup>
21158-7153	GARLK	417350 <sup>28</sup>	21158-7255	GARLK	455154	21158-7372F1	GARLK	471808 <sup>28</sup>	21158-7572	GARLK	417316 <sup>28</sup>
21158-7153	GARLK	455479	21158-7258	GARLK	416892 <sup>28</sup>	21158-7374	GARLK	476470	21158-7572	GARLK	455004
21158-7154	GARLK	415036 <sup>29</sup>	21158-7259	GARLK	450133 <sup>29</sup>	21158-7375	GARLK	417596 <sup>29</sup>	21158-7574	GARLK	415303 <sup>28</sup>
21158-7155	GARLK	415072 <sup>29</sup>	211587262	GARLK	474274	21158-7382	GARLK	411253 <sup>28</sup>	21158-7578	GARLK	416153 <sup>28</sup>
21158-7159	GARLK	455005 <sup>29</sup>	21158-7264	GARLK	473446 <sup>29</sup>	21158-7382	GARLK	450099	21158-7590	GARLK	455195
21158-7160	GARLK	410312N	21158-7265	GARLK	417362 <sup>28,29</sup>	21158-7386	GARLK	472258 <sup>28,29</sup>	21158-7590	GARLK	472157 <sup>28</sup>
21158-7162	GARLK	415351 <sup>28</sup>	21158-7269	GARLK	415437 <sup>28</sup>	21158-7389	GARLK	415379 <sup>28</sup>	21158-7594	GARLK	416271 <sup>28,29</sup>
21158-7164	GARLK	473455 <sup>28</sup>	21158-7269	GARLK	455173	21158-7389	GARLK	455379	21158-7603	GARLK	416476 <sup>28</sup>
21158-7165	GARLK	416891 <sup>28,29</sup>	21158-7270	GARLK	417181 <sup>28,29</sup>	21158-7390	GARLK	470163	21158-7603	GARLK	455075
21158-7174	GARLK	472018 <sup>29</sup>	21158-7272	GARLK	450389	21158-7390	GARLK	471766 <sup>28</sup>	21158-7610	GARLK	417549 <sup>28,29</sup>
211587176	GARLK	471192	21158-7272	GARLK	472492 <sup>28</sup>	21158-7390F1	GARLK	471766 <sup>28</sup>	21158-7611	GARLK	417198 <sup>29</sup>
21158-7177	GARLK	416706 <sup>28</sup>	21158-7276	GARLK	416077 <sup>29</sup>	211587391	GARLK	474255	21158-7612	GARLK	415072 <sup>29</sup>
21158-7177	GARLK	455272	21158-7277	GARLK	417474	21158-7402	GARLK	415088 <sup>28</sup>	21158-7615	GARLK	415027 <sup>28</sup>
21158-7186	GARLK	471760 <sup>29</sup>	21158-7280	GARLK	470064	21158-7402	GARLK	455088	21158-7615	GARLK	455027
21158-7187	GARLK	415483 <sup>28</sup>	21158-7280	GARLK	471821 <sup>28</sup>	21158-7409	GARLK	416107 <sup>28</sup>	21158-7616	GARLK	416047
21158-7187	GARLK	455368	21158-7282	GARLK	416339	21158-7409	GARLK	455073	21158-7616	GARLK	416332 <sup>28</sup>
21158-7192	GARLK	415379 <sup>28</sup>	21158-7282	GARLK	455031 <sup>28</sup>	21158-7418	GARLK	415683 <sup>29</sup>	21158-7626	GARLK	417549 <sup>28,29</sup>
21158-7192	GARLK	455379	21158-7284	GARLK	417539 <sup>28,29</sup>	21158-7419	GARLK	455018	21158-7629	GARLK	417562 <sup>29</sup>
21158-7194	GARLK	412473 <sup>28</sup>	21158-7285	GARLK	411245 <sup>28</sup>	21158-7419	GARLK	476470	21158-7633	GARLK	471887 <sup>29</sup>
21158-7194	GARLK	415894	21158-7285	GARLK	455096	21158-7420	GARLK	472029 <sup>29</sup>	21158-7633F1	GARLK	471887
211587195	GARLK	480630 <sup>28</sup>	21158-7289	GARLK	417191	21158-7423	GARLK	6936S	21158-7642	GARLK	416294 <sup>28,29</sup>
21158-7196	GARLK	415960 <sup>28</sup>	21158-7291	GARLK	416891 <sup>28,29</sup>	21158-7433	GARLK	415072 <sup>29</sup>	21158-7646	GARLK	472041
21158-7196	GARLK	455009	21158-7292	GARLK	417316 <sup>28</sup>	21158-7435	GARLK	472020 <sup>29</sup>	21158-7646	GARLK	473454
21158-7197	GARLK	415995 <sup>28</sup>	21158-7292	GARLK	455004	21158-7436	GARLK	415327 <sup>29</sup>	21158-7649	GARLK	472018 <sup>29</sup>
21158-7197	GARLK	455013	21158-7299	GARLK	471529 <sup>29</sup>	21158-7440	GARLK	415379 <sup>28</sup>	21158-7652	GARLK	417541 <sup>29</sup>
21158-7197T2	GARLK	415836	21158-7307	GARLK	450352	21158-7440	GARLK	455379	21158-7653	GARLK	415076 <sup>29</sup>
21158-7197T2	GARLK	415995 <sup>28</sup>	21158-7307	GARLK	472164 <sup>28</sup>	211587447	GARLK	470059	21158-7659	GARLK	415034 <sup>28</sup>
21158-7199	GARLK	417487	21158-7313	GARLK	418028	211587447	GARLK	470380 <sup>28</sup>	21158-7659	GARLK	455034
21158-7199	GARLK	455014	21158-7313	GARLK	455137 <sup>28</sup>	21158-7448	GARLK	415036 <sup>29</sup>	211587661	GARLK	471192
2115872	GARLK	471551 <sup>28</sup>	21158-7317	GARLK	417562 <sup>29</sup>	21158-7510	GARLK	350414	21158-7668	GARLK	417316 <sup>28</sup>
21158-7205	GARLK	416153 <sup>28</sup>	21158-7318	GARLK	455406 <sup>28,29</sup>	21158-7510	GARLK	472311 <sup>28</sup>	21158-7668	GARLK	455004
21158-7206	GARLK	415711 <sup>29</sup>	21158-7320	GARLK	471424 <sup>28</sup>	21158-7516	GARLK	474278 <sup>28</sup>	21158-7669	GARLK	417298 <sup>29</sup>
21158-7210	GARLK	455151 <sup>29</sup>	21158-7324	GARLK	415027 <sup>29</sup>	21158-7516	GARLK	480356	21158-7670	GARLK	455018
21158-7215R1	GARLK	471689 <sup>28</sup>	21158-7327	GARLK	471887 <sup>29</sup>	21158-7518	GARLK	471766 <sup>28</sup>	21158-7670	GARLK	476470
21158-7220	GARLK	455191 <sup>29</sup>	21158-7328	GARLK	415995 <sup>28</sup>	21158-7523	GARLK	471862 <sup>29</sup>	21158-7671	GARLK	415259 <sup>28,29</sup>
21158-7221	GARLK	416313 <sup>29</sup>	21158-7328	GARLK	455013	21158-7542	GARLK	415281N	211587675	GARLK	471787 <sup>28</sup>
21158-7223	GARLK	472319 <sup>29</sup>	21158-7328F1	GARLK	415013	21158-7542F1	GARLK	417349 <sup>28</sup>	21158-7677	GARLK	472319 <sup>29</sup>
21158-7224	GARLK	415001 <sup>28</sup>	21158-7328F1	GARLK	415995 <sup>28</sup>	21158-7544	GARLK	415437 <sup>28</sup>	21158-7684	GARLK	450154
21158-7224	GARLK	455001	21158-7332	GARLK	415027 <sup>29</sup>	21158-7544	GARLK	455173	21158-7684	GARLK	473234
21158-7226	GARLK	470062	21158-7334	GARLK	455144 <sup>29</sup>	21158-7549	GARLK	413246	21158-7685	GARLK	415938 <sup>29</sup>
21158-7226	GARLK	474264	21158-7341F1	GARLK	472475	21158-7549	GARLK	413246N	21158-7686	GARLK	415041 <sup>29</sup>
21158-7229	GARLK	455189 <sup>29</sup>	21158-7342	GARLK	415645 <sup>28</sup>	21158-7551	GARLK	415088 <sup>28</sup>	21158-7687	GARLK	481792
21158-7230	GARLK	415437 <sup>28</sup>	21158-7342	GARLK	455104	21158-7551	GARLK	455088	21158-7689	GARLK	416158 <sup>29</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-7690	GARLK	415187 <sup>29</sup>	21158-7873	GARLK	470358	21158-8238	GARLK	417606 <sup>29</sup>	21158-8466	GARLK	417509 <sup>29</sup>
21158-7695	GARLK	470077	21158-7873	GARLK	473231	21158-8243	GARLK	415072 <sup>29</sup>	21158-8469	GARLK	415871 <sup>29</sup>
21158-7695	GARLK	474281 <sup>28</sup>	21158-7877	GARLK	415066 <sup>29</sup>	21158-8245	GARLK	417487	21158-8470	GARLK	417159 <sup>29</sup>
21158-77	GARLK	471532 <sup>29</sup>	21158-7879	GARLK	417780 <sup>29</sup>	21158-8245	GARLK	455086	21158-8471	GARLK	417556 <sup>29</sup>
21158-7700	GARLK	413246	21158-7880	GARLK	416556 <sup>28</sup>	21158-8248	GARLK	470950 <sup>28</sup>	21158-8477	GARLK	455026 <sup>29</sup>
21158-7700	GARLK	413246N	21158-7880	GARLK	472157	21158-8248	GARLK	6241S	21158-8488	GARLK	455566 <sup>29</sup>
21158-7717	GARLK	417171 <sup>28,29</sup>	21158-79	GARLK	473405 <sup>29</sup>	21158-8251	GARLK	417596 <sup>29</sup>	21158-8494	GARLK	415482 <sup>29</sup>
21158-7722	GARLK	455195	21158-7907	GARLK	470950 <sup>28</sup>	21158-8252	GARLK	415294 <sup>28</sup>	21158-8498	GARLK	450441
21158-7722	GARLK	472157 <sup>28</sup>	21158-7907	GARLK	6241S	21158-8252	GARLK	455294	21158-8498	GARLK	471341 <sup>28</sup>
21158-7723	GARLK	450316	21158-7909	GARLK	417602 <sup>28</sup>	21158-8262	GARLK	415124 <sup>29</sup>	21158-8521	GARLK	412040 <sup>29</sup>
21158-7723	GARLK	472636 <sup>28</sup>	21158-7915	GARLK	450444	21158-8265	GARLK	481792 <sup>29</sup>	21158-8529	GARLK	417597 <sup>29</sup>
21158-7745	GARLK	417556 <sup>29</sup>	21158-7915	GARLK	471835 <sup>28</sup>	21158-8266	GARLK	450078	21158-8530	GARLK	416664 <sup>28</sup>
21158-7747	GARLK	417484N	21158-7934	GARLK	55469 <sup>29</sup>	21158-8266	GARLK	473444	21158-8530	GARLK	455364
21158-7747	GARLK	455322	21158-7937	GARLK	2081	211588267	GARLK	471551 <sup>28</sup>	21158-8551	GARLK	416149 <sup>29</sup>
21158-7749	GARLK	417534 <sup>29</sup>	21158-7941	GARLK	455509 <sup>29</sup>	21158-8270	GARLK	410308 <sup>28</sup>	21158-8556	GARLK	417507 <sup>29</sup>
21158-7752	GARLK	471760 <sup>29</sup>	21158-7993	GARLK	417273 <sup>29</sup>	21158-8270	GARLK	450308	21158-8560	GARLK	417604 <sup>29</sup>
21158-7758	GARLK	417601 <sup>29</sup>	21158-80	GARLK	473405	211588272	GARLK	471472 <sup>28</sup>	21158-8566	GARLK	455576 <sup>28,29</sup>
21158-7759	GARLK	457874	21158-8063	GARLK	350974 <sup>28</sup>	21158-8274	GARLK	450298	21158-8569	GARLK	471818 <sup>29</sup>
21158-7764	GARLK	416273 <sup>28</sup>	21158-8067	GARLK	472644	21158-8274	GARLK	473239	21158-8570	GARLK	415263 <sup>29</sup>
21158-7765	GARLK	418028	21158-8074	GARLK	471827 <sup>28,29</sup>	211588275	GARLK	471801 <sup>28</sup>	21158-8571	GARLK	413248
21158-7765	GARLK	455137 <sup>28</sup>	21158-8081	GARLK	450819 <sup>29</sup>	21158-8278	GARLK	416153 <sup>28</sup>	21158-8572	GARLK	472029 <sup>29</sup>
21158-7767	GARLK	471829	21158-81	GARLK	471558	21158-8280	GARLK	415379 <sup>28</sup>	21158-8573	GARLK	415001 <sup>28</sup>
21158-7768	GARLK	450307 <sup>29</sup>	21158-8102	GARLK	455556 <sup>29</sup>	21158-8280	GARLK	455379	21158-8573	GARLK	455001
21158-7772	GARLK	455820 <sup>29</sup>	21158-8104	GARLK	472299 <sup>29</sup>	21158-8284	GARLK	472432	21158-8579	GARLK	417601 <sup>29</sup>
21158-7774	GARLK	415227 <sup>28,29</sup>	21158-8111	GARLK	417196 <sup>28,29</sup>	21158-8284	GARLK	474256	21158-8585	GARLK	415072 <sup>29</sup>
21158-7775	GARLK	455556 <sup>29</sup>	21158-8112	GARLK	417511	21158-8292	GARLK	473458 <sup>29</sup>	21158-8591	GARLK	415871 <sup>29</sup>
21158-7776	GARLK	415458 <sup>28</sup>	21158-8117	GARLK	415023	21158-8293	GARLK	473238 <sup>28,29</sup>	21158-8592	GARLK	417211 <sup>28</sup>
21158-7776	GARLK	455003	21158-8120	GARLK	415371 <sup>29</sup>	21158-8300	GARLK	415327 <sup>29</sup>	21158-8596	GARLK	455584 <sup>29</sup>
21158-7776F1	GARLK	415458 <sup>28</sup>	21158-8127	GARLK	416891 <sup>28,29</sup>	21158-8306	GARLK	416107 <sup>28</sup>	21158-8608	GARLK	455022 <sup>29</sup>
21158-7780	GARLK	415128 <sup>29</sup>	21158-8128	GARLK	417355 <sup>28,29</sup>	21158-8306	GARLK	455073	21158-8628	GARLK	417542 <sup>29</sup>
21158-7783	GARLK	417604 <sup>29</sup>	21158-8129	GARLK	470403	21158-8309	GARLK	417538 <sup>29</sup>	21158-8629	GARLK	417539 <sup>28,29</sup>
21158-7784	GARLK	417181 <sup>28,29</sup>	21158-8129	GARLK	470774 <sup>28</sup>	21158-8310	GARLK	417539 <sup>28,29</sup>	21158-8631	GARLK	416167 <sup>28</sup>
21158-7785	GARLK	455123 <sup>29</sup>	21158-8131	GARLK	450285 <sup>29</sup>	21158-8311	GARLK	415437 <sup>28</sup>	21158-8631	GARLK	455091
21158-7786	GARLK	455123 <sup>29</sup>	211588135	GARLK	473227	21158-8311	GARLK	455173	21158-8633	GARLK	416154 <sup>28,29</sup>
21158-7787	GARLK	417351 <sup>28</sup>	21158-8140	GARLK	455462 <sup>29</sup>	21158-8312F1	GARLK	471750 <sup>28</sup>	21158-8635	GARLK	455197N <sup>29</sup>
21158-7787	GARLK	455154	21158-8151	GARLK	415991	211588314	GARLK	471765 <sup>28</sup>	21158-8636	GARLK	415196 <sup>28,29</sup>
21158-7791	GARLK	416339	21158-8151	GARLK	455146 <sup>28</sup>	21158-8328	GARLK	455197N <sup>29</sup>	21158-8638	GARLK	417205 <sup>28,29</sup>
21158-7791	GARLK	455031 <sup>28</sup>	21158-8153	GARLK	415458 <sup>28</sup>	21158-8330	GARLK	416154 <sup>28,29</sup>	21158-8640	GARLK	415984 <sup>28</sup>
21158-7795	GARLK	417247 <sup>28,29</sup>	21158-8153	GARLK	455003	21158-8331	GARLK	417258 <sup>29</sup>	21158-8643	GARLK	450117
21158-7796	GARLK	455584 <sup>29</sup>	21158-8154	GARLK	416404 <sup>28,29</sup>	211588342	GARLK	471255 <sup>28</sup>	21158-8643	GARLK	472572 <sup>28</sup>
21158-78	GARLK	471532	21158-8156	GARLK	417171 <sup>28,29</sup>	21158-8353	GARLK	476535	21158-8646	GARLK	450068 <sup>29</sup>
21158-7803	GARLK	415196 <sup>28,29</sup>	21158-8161	GARLK	415045 <sup>28</sup>	21158-8384	GARLK	415867 <sup>29</sup>	21158-8657	GARLK	417262 <sup>28</sup>
21158-7812	GARLK	416345 <sup>28</sup>	21158-8165	GARLK	415066 <sup>29</sup>	21158-8396	GARLK	415937 <sup>28,29</sup>	21158-8657	GARLK	455448
21158-7812	GARLK	455033	21158-8169	GARLK	457874 <sup>29</sup>	21158-8400	GARLK	415142 <sup>29</sup>	21158-8662	GARLK	417020 <sup>29</sup>
21158-7814	GARLK	415035	21158-8173	GARLK	416077 <sup>29</sup>	21158-8401	GARLK	472041	21158-8663	GARLK	417541 <sup>29</sup>
21158-7814	GARLK	415953	21158-8187	GARLK	472475 <sup>29</sup>	21158-8401	GARLK	473454	21158-8665	GARLK	417603 <sup>28,29</sup>
21158-7819	GARLK	416167 <sup>28</sup>	21158-8187R1	GARLK	472475	21158-8404	GARLK	413469 <sup>28,29</sup>	21158-8668	GARLK	455685 <sup>29</sup>
21158-7819	GARLK	455091	21158-8188	GARLK	455019 <sup>28</sup>	21158-8409	GARLK	471633 <sup>28</sup>	21158-8676	GARLK	417159
21158-7824	GARLK	415090 <sup>29</sup>	21158-8192	GARLK	417273 <sup>29</sup>	21158-8410	GARLK	417512 <sup>29</sup>	21158-8678	GARLK	417366 <sup>28</sup>
21158-7825	GARLK	417597 <sup>29</sup>	21158-82	GARLK	471558 <sup>29</sup>	21158-8416	GARLK	410737 <sup>28</sup>	21158-8679	GARLK	455151 <sup>29</sup>
21158-7829	GARLK	416664 <sup>28</sup>	21158-8205	GARLK	417596	21158-8416	GARLK	450737	21158-8680	GARLK	415227 <sup>28,29</sup>
21158-7829	GARLK	455364	21158-8208	GARLK	417513 <sup>29</sup>	21158-8417	GARLK	455584 <sup>29</sup>	21158-8681	GARLK	417501 <sup>29</sup>
21158-7829F1	GARLK	416664 <sup>28</sup>	21158-8213	GARLK	450316	21158-8419	GARLK	415138 <sup>28</sup>	21158-8682	GARLK	470645 <sup>29</sup>
211587831	GARLK	471646 <sup>28</sup>	21158-8213	GARLK	472636 <sup>28</sup>	21158-8423	GARLK	415072 <sup>29</sup>	21158-8683	GARLK	417511 <sup>29</sup>
21158-7837	GARLK	417513 <sup>29</sup>	21158-8214	GARLK	455820 <sup>29</sup>	21158-8430	GARLK	456105 <sup>29</sup>	21158-8696	GARLK	417485 <sup>29</sup>
21158-7839	GARLK	417252 <sup>29</sup>	21158-8222	GARLK	416011	21158-8437	GARLK	55301S <sup>29</sup>	21158-8697	GARLK	417509 <sup>29</sup>
21158-7840	GARLK	55357 <sup>29</sup>	21158-8222	GARLK	417621 <sup>28</sup>	21158-8442	GARLK	417252 <sup>29</sup>	21158-8698	GARLK	455297 <sup>29</sup>
21158-7842	GARLK	472020 <sup>29</sup>	21158-8224	GARLK	455191 <sup>29</sup>	21158-8443	GARLK	416229 <sup>29</sup>	21158-87	GARLK	471466 <sup>28</sup>
21158-7861	GARLK	415196 <sup>28,29</sup>	21158-8231	GARLK	417191	21158-8460	GARLK	416891 <sup>28,29</sup>	21158-8700	GARLK	418028
21158-7864	GARLK	450285 <sup>29</sup>	21158-8233	GARLK	476470 <sup>29</sup>	21158-8462	GARLK	415090 <sup>29</sup>	21158-8700	GARLK	455137 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21158-8704	GARLK	<b>470548</b>	21158-8917	GARLK	<b>415090<sup>29</sup></b>	2116327	ITM	<b>227040</b>	211-7201	ITM	<b>473237<sup>28</sup></b>
21158-8704	GARLK	<b>470625<sup>28</sup></b>	21158-9009	GARLK	<b>471688<sup>29</sup></b>	2116327	ITM	<b>70X90X10<sup>28</sup></b>	21173	C-R	<b>472015<sup>28</sup></b>
21158-8705	GARLK	<b>480281<sup>28</sup></b>	21158-9013	GARLK	<b>352541<sup>29</sup></b>				21173	SKF	<b>472015</b>
21158-8708	GARLK	<b>417780<sup>29</sup></b>	21158-9093F1	GARLK	<b>470605<sup>28</sup></b>	211-6360	ITM	<b>224015</b>	211-7506	ITM	<b>1987</b>
21158-8712	GARLK	<b>415645<sup>28</sup></b>	21158-91	GARLK	<b>471255<sup>28</sup></b>	2116366	ITM	<b>224015</b>	211-7507	ITM	<b>1990</b>
						2116366	ITM	<b>40X52X7<sup>28</sup></b>	211-7513	ITM	<b>471847N</b>
21158-8712	GARLK	<b>455104</b>	2115892	GARLK	<b>471255<sup>28</sup></b>	2116367	ITM	<b>224045</b>	2117514	ITM	<b>224570</b>
21158-8724	GARLK	<b>473463<sup>29</sup></b>	21158-9234F1	GARLK	<b>473445</b>	211-6369	ITM	<b>5778</b>	211-7521	ITM	<b>4990</b>
21158-8726	GARLK	<b>415281N</b>	21158-93	GARLK	<b>471564</b>	2116373	ITM	<b>1174</b>	211-7530	ITM	<b>1949</b>
21158-8728	GARLK	<b>470605<sup>28,29</sup></b>	21158-9345	GARLK	<b>471733</b>	2116374	ITM	<b>41X56X7<sup>28</sup></b>	2117531	ITM	<b>1174</b>
21158-8731	GARLK	<b>417356<sup>28</sup></b>	21158-94	GARLK	<b>471564<sup>29</sup></b>	211-6375	ITM	<b>1183</b>	2117538	ITM	<b>225005</b>
21158-8731	GARLK	<b>455188</b>	21158-9481	GARLK	<b>417486</b>	2116376	ITM	<b>224045</b>	2117538	ITM	<b>50X62X7<sup>28</sup></b>
21158-8732	GARLK	<b>450298</b>	21158-95	GARLK	<b>471612</b>	211-6377	ITM	<b>1981</b>	211-7539	ITM	<b>224015</b>
21158-8732	GARLK	<b>473239</b>	21158-9501	GARLK	<b>330385<sup>28</sup></b>	211-6378	ITM	<b>1992</b>	211-7540	ITM	<b>1984</b>
21158-8734	GARLK	<b>471820<sup>29</sup></b>	21158-9515	GARLK	<b>471267<sup>28,29</sup></b>	21164	C-R	<b>472015<sup>28</sup></b>	211-7547	ITM	<b>444116</b>
21158-8736	GARLK	<b>415072<sup>29</sup></b>	21158-96	GARLK	<b>471612</b>	21164	SKF	<b>472015</b>	211-7548	ITM	<b>225225</b>
21158-8738	GARLK	<b>470565<sup>28,29</sup></b>	21158-9633	GARLK	<b>480281<sup>28</sup></b>	2116428	ITM	<b>224820</b>	2117549	ITM	<b>1953</b>
21158-8744	GARLK	<b>417357</b>	21158-97	GARLK	<b>481528</b>	2116428	ITM	<b>48X62X8<sup>28</sup></b>	2117549	ITM	<b>49X60X7<sup>28</sup></b>
21158-8744	GARLK	<b>455192<sup>28</sup></b>	21158-98	GARLK	<b>481528</b>	211-6430	ITM	<b>1196</b>	211-7550	ITM	<b>1992</b>
21158-8745	GARLK	<b>416891<sup>28,29</sup></b>	21158-9833F1	GARLK	<b>471192</b>	211-6432	ITM	<b>2955</b>	2117555	ITM	<b>54X72X10<sup>28</sup></b>
21158-8747	GARLK	<b>415867<sup>29</sup></b>	21158-9943F1	GARLK	<b>471829</b>	2116450	GMC	<b>5M466</b>			
21158-8752	GARLK	<b>417362<sup>28,29</sup></b>	21159	C-R	<b>8430S<sup>29</sup></b>	211-6454	ITM	<b>3393</b>	2117560	ITM	<b>224820</b>
21158-8756	GARLK	<b>417020<sup>29</sup></b>	21159	SKF	<b>8430S</b>	211-6465	ITM	<b>228010</b>	2117560	ITM	<b>48X62X8<sup>28</sup></b>
21158-8757	GARLK	<b>417494<sup>29</sup></b>	2116025	ITM	<b>1180</b>	211-6466	ITM	<b>227045</b>	2117561	ITM	<b>223605</b>
21158-8758	GARLK	<b>417020<sup>29</sup></b>	2116025	ITM	<b>41X55X7<sup>28</sup></b>	211-6472	ITM	<b>32X58X8<sup>28</sup></b>	2117561	ITM	<b>36X50X7<sup>28</sup></b>
21158-8775	GARLK	<b>417298<sup>29</sup></b>	2116112	ITM	<b>1174</b>	2116475	ITM	<b>223830</b>	2117591	ITM	<b>225110</b>
21158-8778	GARLK	<b>416163<sup>29</sup></b>	211-6126	ITM	<b>350936</b>	2116475	ITM	<b>38X55X7<sup>28</sup></b>	2117594	ITM	<b>224255</b>
21158-8780	GARLK	<b>415991</b>	211-6131	ITM	<b>48X72X7<sup>28</sup></b>	2116478	ITM	<b>224045</b>	2117594	ITM	<b>42X65X10<sup>28</sup></b>
21158-8780	GARLK	<b>455146<sup>28</sup></b>	211-6158	ITM	<b>480630<sup>28</sup></b>	2116492	ITM	<b>1955</b>			
21158-8787	GARLK	<b>415259<sup>28,29</sup></b>	211-6158	ITM	<b>480991</b>	2116492	ITM	<b>52X65X9<sup>28</sup></b>	211-7599	ITM	<b>225650</b>
21158-8790	GARLK	<b>473441<sup>29</sup></b>	211-6174	ITM	<b>472213</b>	211-6500	ITM	<b>473823</b>	2117614	ITM	<b>225230</b>
21158-8797	GARLK	<b>413247<sup>28</sup></b>	2116177	ITM	<b>224235</b>	2116502	ITM	<b>1213N</b>	2117614	ITM	<b>52X72X8<sup>28</sup></b>
21158-8797	GARLK	<b>450350</b>	2116177	ITM	<b>42X58X7<sup>28</sup></b>	2116505	ITM	<b>228020</b>	2117623	ITM	<b>42X62X8<sup>28</sup></b>
2115888	GARLK	<b>471466<sup>28</sup></b>	211-6178	ITM	<b>224025</b>	2116505	ITM	<b>80X105X13<sup>28</sup></b>	2117625	ITM	<b>42X62X8<sup>28</sup></b>
21158-8819	GARLK	<b>455406<sup>28,29</sup></b>	2116179	ITM	<b>35X50X8<sup>28</sup></b>				211-7628	ITM	<b>1949</b>
21158-8824	GARLK	<b>417254<sup>29</sup></b>	2116179	ITM	<b>3771</b>	211-6512	ITM	<b>473237<sup>28</sup></b>	211-7649	ITM	<b>5108</b>
21158-8825	GARLK	<b>416891<sup>28,29</sup></b>	211-6193	ITM	<b>472397<sup>28</sup></b>	211-6532	ITM	<b>331227H</b>	211-7673	ITM	<b>3395<sup>28</sup></b>
21158-8828	GARLK	<b>455462<sup>29</sup></b>	2116201	ITM	<b>224520</b>						
21158-8830	GARLK	<b>415559<sup>29</sup></b>	2116201	ITM	<b>45X60X10<sup>28</sup></b>	211-6534	ITM	<b>1173</b>	211-7718	ITM	<b>3395<sup>28</sup></b>
21158-8833	GARLK	<b>416664<sup>28</sup></b>				211-6535	ITM	<b>5591</b>	2117748	ITM	<b>224520</b>
21158-8833	GARLK	<b>455364</b>	2116205	ITM	<b>1994</b>	211-6536	ITM	<b>1188</b>	2117748	ITM	<b>45X60X10<sup>28</sup></b>
			2116205	ITM	<b>48X70X9<sup>28</sup></b>	211-6538	ITM	<b>1188</b>			
21158-8836	GARLK	<b>417171<sup>28,29</sup></b>				2116539	ITM	<b>225020</b>	211-7774	ITM	<b>223535</b>
21158-8845	GARLK	<b>417541<sup>29</sup></b>	2116213	ITM	<b>223542</b>				2117787	ITM	<b>225010</b>
21158-8846	GARLK	<b>417547<sup>29</sup></b>	2116213	ITM	<b>35X55X11<sup>28</sup></b>	211-6586	ITM	<b>3771</b>	2117787	ITM	<b>50X65X8<sup>28</sup></b>
21158-8847	GARLK	<b>417497<sup>29</sup></b>				211-6671	ITM	<b>1950</b>	211-7903	ITM	<b>1943</b>
21158-8848	GARLK	<b>410987<sup>28,29</sup></b>	211-6232	ITM	<b>9845</b>	21167	C-R	<b>412015V</b>	211-7904	ITM	<b>3476</b>
			2116247	ITM	<b>1174</b>	21167	SKF	<b>412015V</b>	2117909	ITM	<b>225020</b>
21158-8856	GARLK	<b>417537<sup>29</sup></b>	2116298	ITM	<b>224270</b>				2117909	ITM	<b>50X68X8<sup>28</sup></b>
21158-8864	GARLK	<b>418028</b>				2116807	GMC	<b>417267</b>	2117916	ITM	<b>3771</b>
21158-8864	GARLK	<b>455137<sup>28</sup></b>	2116298	ITM	<b>42X72X10<sup>28</sup></b>	2117057	GMC	<b>450118</b>	211-7917	ITM	<b>3771</b>
21158-8868	GARLK	<b>417605<sup>29</sup></b>				2117057	GMC	<b>473449</b>	211-7917	ITM	<b>3771</b>
21158-8870	GARLK	<b>415683<sup>29</sup></b>	21163	C-R	<b>472015<sup>28</sup></b>	2117058	GMC	<b>450494</b>	211-7923	ITM	<b>1984</b>
			21163	CONTI	<b>471103<sup>28</sup></b>	2117058	GMC	<b>472164<sup>28</sup></b>	2117925	ITM	<b>223830</b>
21158-8875	GARLK	<b>50327<sup>29</sup></b>	21163	CONTI	<b>50197S</b>	2117058	GMC	<b>472164<sup>28</sup></b>	2117925	ITM	<b>38X55X7<sup>28</sup></b>
211588879	GARLK	<b>450593<sup>28</sup></b>	21163	SKF	<b>472015</b>				2117925	ITM	<b>38X55X7<sup>28</sup></b>
21158-8881	GARLK	<b>416556<sup>28</sup></b>				2117093	ITM	<b>1955</b>	2117926	ITM	<b>227550</b>
21158-8881	GARLK	<b>472157</b>	211-6301	ITM	<b>1209</b>	2117093	ITM	<b>52X65X9<sup>28</sup></b>	2117926	ITM	<b>75X100X12<sup>28</sup></b>
21158-8886	GARLK	<b>470596<sup>29</sup></b>	2116304	ITM	<b>1012N</b>	21171	C-R	<b>412015V</b>	2117929	ITM	<b>225230</b>
			2116304	ITM	<b>45X62X8<sup>28</sup></b>	2117109	SKF	<b>412015V</b>	2117929	ITM	<b>52X72X8<sup>28</sup></b>
21158-8903	GARLK	<b>417191</b>	211-6305	ITM	<b>48X72X7<sup>28</sup></b>				2117929	ITM	<b>225230</b>
21158-8904	GARLK	<b>416107<sup>28</sup></b>	211-6318	ITM	<b>473230<sup>28</sup></b>	21172	C-R	<b>472015<sup>28,29</sup></b>	2117929	ITM	<b>52X72X8<sup>28</sup></b>
21158-8904	GARLK	<b>455073</b>				21172	SKF	<b>472015</b>	211-7951	ITM	<b>1217</b>
21158-8907	GARLK	<b>415045<sup>28</sup></b>	211-6319	ITM	<b>482126</b>	211-7200	ITM	<b>473237<sup>28</sup></b>	211-7954	ITM	<b>1962</b>
21158-8912	GARLK	<b>417542<sup>29</sup></b>	211-6325	ITM	<b>5697</b>						

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2117955	ITM	224820	212-10902	ITM	1953	2122910	GMC	417181 <sup>28</sup>	2124705	CHRY	331228H
2117955	ITM	48X62X8 <sup>28</sup>	212-10902	ITM	42X60X7	2122914	GMC	415991	21248	C-R	8430S
211-7956	ITM	473812	212-10913	ITM	473367	2122914	GMC	455146 <sup>28</sup>	21248	SKF	8430S
211-7957	ITM	473179 <sup>28</sup>	21211	C-R	410308 <sup>28</sup>	2123186	GMC	415086N	2124OS	JN-MN	415995 <sup>28</sup>
211-7959	ITM	1959	21211	C-R	473468 <sup>29</sup>	2123186	GMC	417487 <sup>28</sup>	2124OS	JN-MN	455013
2117963	ITM	1953	21211	SKF	410308	2123186	WHITE	415086N	212522	WAYNE	470487N
2117963	ITM	42X60X7 <sup>28</sup>	21211	SKF	473468	2123186	WHITE	417487 <sup>28</sup>	212561	BENDI	470163
211-7964	ITM	473367	212-11100	ITM	1992	2123199	GMC	450316	212561	BENDI	471766 <sup>28</sup>
2117966	ITM	225020	212-11101	ITM	48X70X9	2123199	GMC	472636 <sup>28</sup>	21258	C-R	476535
2117966	ITM	50X68X8 <sup>28</sup>	212112	GOODM	471192	21232	GARLK	471737	21258	SKF	476535
211-7967	ITM	1960	212-11300	ITM	225230	212325	UNIVE	413246	212603	CUMMI	330385 <sup>28</sup>
2117968	ITM	1956	212-11300	ITM	52X72X8	212325	UNIVE	413246N	212608M1	MASSE	472299
2117968	ITM	224820	212-11301	ITM	1984	212335	MICH	412119 <sup>28</sup>	21262	GARLK	471795
2117968	ITM	48X62X8 <sup>28</sup>	2121144	GMC	471887	212335	MICH	450101	212620	BRCWY	417344 <sup>28</sup>
211-7970	ITM	1959	212-11503	ITM	224015	212335	UNIVE	412119 <sup>28</sup>	212620	BRCWY	455006
2117971	ITM	226285	212-11505	ITM	1950	212335	UNIVE	450101	21265	C-R	472409 <sup>28,29</sup>
2117971	ITM	62X85X8 <sup>28</sup>	212-11506	ITM	1180	21234	C-R	472016 <sup>28</sup>	21265	SKF	472409
211-7972	ITM	1974	212-11510	ITM	224820	21234	SKF	472016	21267	C-R	472409 <sup>28</sup>
2117975	ITM	226285	212-11510	ITM	48X62X8	212348	MICH	410987 <sup>28</sup>	21267	SKF	472409
2117975	ITM	62X85X8 <sup>28</sup>	212-11511	ITM	224820	212348	MICH	450103	21269	C-R	7790H
211-7976	ITM	473238 <sup>28</sup>	212-11521	ITM	225020	212350	MICH	416271 <sup>28</sup>	21269	SKF	7790H
2117979	ITM	1012N	212-11521	ITM	50X68X8	212350	UNIVE	416271 <sup>28</sup>	21270	C-R	39302
2117979	ITM	45X62X8 <sup>28</sup>	212-12903	ITM	1174	212354	UNIVE	412861	21270	LEECE	471763
2117985	ITM	1012N	21213	C-R	410308 <sup>28</sup>	21236	C-R	2457	21270	SKF	39302
2117985	ITM	45X62X8 <sup>28</sup>	21213	SKF	410308	21236	SKF	2457	21271	LEECE	471684 <sup>28</sup>
2117988	ITM	1012N	212-13501	ITM	1174	212362	UNIVE	410825 <sup>29</sup>	21271	LEECE	471698
2117988	ITM	45X62X8 <sup>28</sup>	212-13503	ITM	224045	21238-3921	GARLK	417601 <sup>29</sup>	212735	BENDI	471689 <sup>28</sup>
211-7989	ITM	482126	212-13504	ITM	1174	21238-3926	GARLK	417602 <sup>28</sup>	212735	FORD	471689 <sup>28</sup>
2117990	ITM	224045	21213505	ITM	1012N	21238-3938	GARLK	417604 <sup>29</sup>	21273TB	TRSCM	473204
211-7994	ITM	3771	21213507	ITM	1012N	21238-3944	GARLK	417567 <sup>29</sup>	212794R91	IH	455310
211-8135	ITM	223035	212-13509	ITM	1217	21238-3952	GARLK	415128 <sup>29</sup>	21281	C-R	225450 <sup>29</sup>
211-8284	ITM	225082	21215	C-R	450362	21238-3953	GARLK	455129 <sup>29</sup>	21281	SKF	225450
2118530	GMC	471570 <sup>28</sup>	21215	SKF	450362	21238-3954	GARLK	455462 <sup>29</sup>	21282VB	TRSCM	40566S
211889	BENDI	480210 <sup>28</sup>	212 15 01	JPAT	710484	21238-3955	GARLK	415090 <sup>29</sup>	21283SSB	TRSCM	6879H
2119019	GMC	411500	212 15 10	JPAT	710484	21238-3968	GARLK	415219 <sup>29</sup>	21284F	OSHKO	415938
2119402	GMC	471103 <sup>28</sup>	2121626	GMC	416404 <sup>28</sup>	21238-3984	GARLK	417606 <sup>29</sup>	21284SA	TRSCM	450365
2119402	GMC	50197S	2121632	GMC	475012N	21238-3985	GARLK	55078S <sup>29</sup>	21284SA	TRSCM	450867
2119728	GMC	471689 <sup>28</sup>	2121633	GMC	415001 <sup>28</sup>	21238-3997	GARLK	417020 <sup>29</sup>	21284TA	TRSCM	410867N
211985	US-EL	417555 <sup>28</sup>	2121634	GMC	475012N	21238-3998	GARLK	417020 <sup>29</sup>	21284TB	TRSCM	470898
211PKG	TIMKE	211PKG	21217	CHRY	3173	21238-4009	GARLK	417570 <sup>29</sup>	21285	C-R	710506
211R	TIMKE	211PKG	21217	CHRY	710928	21238-4017	GARLK	415227 <sup>28,29</sup>	21285	SKF	710506
212	UNIVE	417316 <sup>28</sup>	212-19301	ITM	5697	21238-4036	GARLK	415482 <sup>29</sup>	212908	WAUKE	470219
212	UNIVE	455004	212-19302	ITM	482126	21238-4057	GARLK	415077	212908	WAUKE	471649 <sup>28</sup>
21203	C-R	470308N	212-19810	ITM	226285	21238-4063	GARLK	415076 <sup>29</sup>	21291	C-R	710574
21203	SKF	470308N	212-19810	ITM	62X85X8	21238-4072	GARLK	417608	21291	SKF	710574
2120319	GMC	471646 <sup>28</sup>	2122	WHITE	5778	21238-4499	GARLK	415124 <sup>29</sup>	21294	C-R	5682
21204	TIMKE	370021A	2122016	GMC	471820	21238-4500	GARLK	417022 <sup>29</sup>	21294	SKF	5682
212098R1	IH	3592	2122063	GMC	45031S	21238-4610	GARLK	415871	21294SA	TRSCM	450115
212098R91	IH	3592	212227	CUMMI	39809	21239	C-R	710652	212965	BENDI	471571
2121	CLIN	350567	21224	GARLK	471413 <sup>28</sup>	21239	SKF	710652	212968	WAUKE	471652
2121	CLIN	471267 <sup>28</sup>	2122674	GMC	417316 <sup>28</sup>	212400	MECH	370015A	212978	WAUKE	472636 <sup>28</sup>
21210	C-R	450308	2122701	GMC	370022A	21241	C-R	710653	212996	GWI	450083
21210	C-R	473468 <sup>29</sup>	2122701	GMC	380022A	21241	SKF	710653	212996	GWI	472924 <sup>28</sup>
21210	SKF	450308	2122717	GMC	370178A	2124223	GMC	415016N	2129D	GOODM	415458 <sup>28</sup>
21210	SKF	473468	2122717	GMC	416888 <sup>28</sup>	2124461	CHRY	471827 <sup>28</sup>	2129D	GOODM	455003
212-10301	ITM	1196	2122717	MOHWK	416888 <sup>28</sup>	21245	C-R	410312N	212A124X04	TROS	8133S
212-10501	ITM	1174	2122717	MOHWK	455200	21245	SKF	410312N	212A131X04	TROS	8597S
212-10502	ITM	1183	2122718	GMC	370022A	21246	GARLK	471766 <sup>28</sup>	212PKG	TIMKE	212PKG
212-10503	ITM	1188	2122718	GMC	380022A	21247	C-R	710478	212R	TIMKE	212PKG
212-10521	ITM	224045	212289	BENDI	471795	21247	SKF	710478	212W350	CONE	5521

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
213	C-R	5650	21356	SKF	416267	21421-25000	KIA	224200	21443-21000	HYUND	227235
213	SKF	5650	21358	C-R	415349 <sup>29</sup>	21421-25001	HYUND	224200	21443-21000	KIA	227235
213	UNIVE	417485 <sup>29</sup>	21358	SKF	415349	21421-25001	KIA	224200	21443-21010	HYUND	227235
213006	HYST	343186	21360	GARLK	471192	21421-25002	HYUND	224200	21443-22000	HYUND	227235
213009	ALLCH	450516	21368	GARLK	473214 <sup>28</sup>	21421-25002	KIA	224200	21443-22000	KIA	227235
21302	C-R	473243 <sup>28,29</sup>	21360S	JN-MN	416345 <sup>28</sup>	21421-26600	HYUND	714436	21443-22050	HYUND	227235
21302	SKF	473243	21360S	JN-MN	455033	21421-26600	KIA	714436	21443-22050	KIA	227235
21302VH	TRSCM	8430S	2137005	GMC	471103 <sup>28</sup>	21421-26620	HYUND	714436	21443-25000	HYUND	710767
21303TA	TRSCM	472015 <sup>28</sup>	2137005	GMC	50197S	21421-26620	KIA	714436	21443-25000	KIA	710767
21304VSA	TRSCM	412015V	213712	SPERY	472258 <sup>28</sup>	21421-2B010	HYUND	710935	21443-2A000	HYUND	710894
213065TA	TRSCM	450308	2137252	GMC	327303 <sup>28</sup>	21421-2B010	KIA	710935	21443-2A000	KIA	710894
213065TB	TRSCM	470308N	213741	ALLCH	470163	21421-2B020	HYUND	710935	21443-2A100	HYUND	710894
213065TB	TRSCM	473468	213741	ALLCH	471766 <sup>28</sup>	21421-2B020	KIA	710935	21443-2A100	KIA	710894
213074	ALLCH	471652	21378	GARLK	473215 <sup>28</sup>	21421-2B030	HYUND	710935	21443-2A200	HYUND	710894
213075	ALLCH	6863S <sup>28</sup>	21379	C-R	475080N	21421-2B030	KIA	710935	21443-2A200	KIA	710894
2130D	GOODM	417343 <sup>28</sup>	21379	SKF	475080N	21421-2E000	HYUND	710308	21443-2B000	HYUND	710936
2130RC	SUL	417512	2137OS	JN-MN	55028 <sup>29</sup>	21421-2E000	KIA	710308	21443-2B000	KIA	710936
21314SA	TRSCM	410312N	21384	C-R	710890	21421-2E300	HYUND	710308	21443-2B010	HYUND	710936
21318	C-R	54X72X10 <sup>28</sup>	21384	SKF	710890	21421-2E300	KIA	710308	21443-2B010	KIA	710936
21318	SKF	54X72X10	213895	ALLCH	450076	21421-2G000	HYUND	224200	21443-2E000	HYUND	710879
213183TB	TRSCM	472409 <sup>28</sup>	213895	ALLCH	470334 <sup>28</sup>	21421-2G000	KIA	224200	21443-2E000	KIA	710879
2131D	GOODM	415007	2139445	GMC	418028	21421-2G100	HYUND	224200	21443-2E100	HYUND	710879
2131RC	SUL	415551	2139445	GMC	455137 <sup>28</sup>	21421-2G100	KIA	224200	21443-2E100	KIA	710879
2132	HWY	417518	2139446	GMC	415991	21421-32014	HYUND	224460	21443-2E110	HYUND	710879
21320	C-R	450867	2139446	GMC	455146 <sup>28</sup>	21421-32030	HYUND	712007	21443-2E110	KIA	710879
21320	SKF	450867	2139447	GMC	415027	21421-32034	HYUND	712007	21443-2G000	HYUND	710767
21321-42011	HYUND	712007	213PKG	TIMKE	213PKG	21421-32044	HYUND	222025 <sup>28</sup>	21443-32000	HYUND	228005
21321-42021	HYUND	221710	213R	TIMKE	213PKG	21421-33114	HYUND	224460	21443-33004	HYUND	228005
21321-42030	HYUND	224460	214	UNIVE	417158 <sup>28</sup>	21421-33134	HYUND	712007	21443-33005	HYUND	228005
21321-42031	HYUND	224460	214	UNIVE	455355	21421-33144	HYUND	222025 <sup>28</sup>	21443-33005	KIA	228005
21321-42041	HYUND	228005	21400	C-R	8312	21421-35001	HYUND	223750	21443-33014	HYUND	228005
21321-42042	HYUND	228005	2-1400	SKF	8312	21421-35001	KIA	223750	21443-35010	HYUND	710894
21321-42042	KIA	228005	214017	CLARK	450352	21421-35010	HYUND	223750	21443-35010	KIA	710894
21321-47280	HYUND	224810	214017	CLARK	472164 <sup>28</sup>	21421-35010	KIA	223750	21443-35500	HYUND	710894
213217	ALLCH	415995 <sup>28</sup>	214077	CLARK	470120	21421-35011	HYUND	223750	21443-35500	KIA	710894
213217	ALLCH	455013	214077	CLARK	471224 <sup>28</sup>	21421-35011	KIA	223750	21443-35510	HYUND	710894
213337TA	TRSCM	410972N	214083	ALLCH	473235 <sup>28</sup>	21421-35500	HYUND	223750	21443-35510	KIA	710894
213337TA	TRSCM	413470 <sup>28</sup>	214085	CLARK	412920 <sup>28</sup>	21421-35500	KIA	223750	21443-38010	HYUND	710767
21334A	MASSE	6336S	214097	ALLCH	471231 <sup>28</sup>	21421-35520	HYUND	223750	21443-38010	KIA	710767
21334TB	TRSCM	413470 <sup>28</sup>	21410	C-R	4635V	21421-35520	KIA	223750	21443-38050	HYUND	710767
213354	FWD	6663S	21410	SKF	4635V	21421-3X000	KIA	223420	21443-38050	KIA	710767
21336	C-R	413469 <sup>28,29</sup>	214143	CLARK	455035N	2143265	GMC	450316	21443-3B000	HYUND	710858
21336	SKF	413469	2141654	GMC	470163	2143265	GMC	472636 <sup>28</sup>	21443-3B000	KIA	710858
213400	MECH	370057A	2141654	GMC	471766 <sup>28</sup>	214335	UNIVE	411500 <sup>29</sup>	21443-3B001	HYUND	710858
21348	GARLK	472258 <sup>28</sup>	21421-11000	HYUND	224465	214348	MICH	450104	21443-3B001	KIA	710858
213507XX	TIMKE	21X35X7	21421-21000	HYUND	223018	214350	MICH	411245 <sup>28</sup>	21443-3E000	HYUND	710894
21352	C-R	413470 <sup>28</sup>	2142121010	HYUND	223018	214350	MICH	455096	21443-3E000	KIA	710894
21352-3C500	HYUND	494122	21421-21020	HYUND	223018	214350	UNIVE	411245 <sup>28</sup>	21443-3F300	HYUND	710858
21352-3C500	KIA	494122	21421-21030	HYUND	223018	214350	UNIVE	455096	21443-3F300	KIA	710858
21352-3C600	HYUND	494122	21421-22000	HYUND	714436	214354	MICH	417073	21443-4X000	HYUND	229010
21352-3C600	KIA	494122	21421-22000	KIA	714436	214354	UNIVE	417073	21443-4X000	KIA	229010
21352-3C700	HYUND	494122	21421-22001	HYUND	714436	214400	ALLCH	450301	214439	WILYS	350679
21352-3C700	KIA	494122	21421-22001	KIA	714436	214400	ALLCH	472397 <sup>28</sup>	214439	WILYS	470954 <sup>28</sup>
21353	C-R	413470 <sup>28</sup>	21421-22020	HYUND	714436	214400	MECH	370124A	214472	ALLCH	470169
21353	SKF	413470	21421-22020	KIA	714436	2144138	GMC	330385 <sup>28</sup>	214472	ALLCH	473214 <sup>28</sup>
21354	C-R	6380	21421-23000	HYUND	710531	21443-02500	HYUND	710794	21454	GARLK	473227 <sup>28</sup>
21354	SKF	6380	21421-23000	KIA	710531	21443-02500	KIA	710794	21454-47280	HYUND	228480
21356	C-R	416267 <sup>28</sup>	21421-23020	HYUND	710531	21443-02501	HYUND	710794	214556	CLARK	455197N
			21421-23020	KIA	710531	21443-02501	KIA	710794	214566	CLARK	455197N
			21421-25000	HYUND	224200	21443-11200	HYUND	227235	2146	TIMKE	2146

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21462	GARLK	470625 <sup>2B</sup>	215270424	GARLK	471750 <sup>2B</sup>	21527-0925	GARLK	473448	21527-1678	GARLK	417480 <sup>2B</sup>
214631	SPICE	472015 <sup>2B</sup>	21527-0427	GARLK	470163	21527-0928	GARLK	471984	21527-1678	GARLK	455860
214701	CLARK	6863S <sup>2B</sup>	21527-0427	GARLK	471766 <sup>2B</sup>	21527-0931	GARLK	473313	21527-1723	GARLK	471887
214706	CLARK	450185	215270430	GARLK	471787 <sup>2B</sup>	21527-1042	GARLK	472439	21527-1738	GARLK	411500
214706	CLARK	473229	215270436	GARLK	471795	21527-1045	GARLK	471868	21527-1747	GARLK	411245 <sup>2B</sup>
21472	GARLK	470380 <sup>2B</sup>	215270439	GARLK	471801 <sup>2B</sup>	21527-1048	GARLK	450117	21527-1747	GARLK	455096
21472VA	IH	473460	21527-0442	GARLK	471808 <sup>2B</sup>	21527-1048	GARLK	472572 <sup>2B</sup>	21527-1750	GARLK	417073
214784	ALLCH	471765 <sup>2B</sup>	21527-0451	GARLK	473424 <sup>2B</sup>	21527-1051	GARLK	473179 <sup>2B</sup>	21527-1801	GARLK	472029
214821	BRCWY	450067	21527-0535	GARLK	470774 <sup>2B</sup>	21527-1057	GARLK	450082	21527-1807	GARLK	471271 <sup>2B</sup>
214821	BRCWY	473228	21527-0541	GARLK	471192	21527-1057	GARLK	473238	21527-1813	GARLK	470605 <sup>2B</sup>
214826	BRCWY	471689 <sup>2B</sup>	21527-0544	GARLK	470169	21527-1063	GARLK	473239 <sup>2B</sup>	21527-1819	GARLK	415449 <sup>2B</sup>
21492	GARLK	473228 <sup>2B</sup>	21527-0544	GARLK	473214	21527-1066	GARLK	473457 <sup>2B</sup>	21527-1825	GARLK	416273
214941	CLARK	456967V <sup>2B</sup>	21527-0547	GARLK	473215 <sup>2B</sup>	21527-1069	GARLK	473240 <sup>2B</sup>	21527-1888	GARLK	455311 <sup>29</sup>
2149674	GMC	472164 <sup>2B</sup>	21527-0550	GARLK	470950 <sup>2B</sup>	21527-1075	GARLK	473458	21527-1933	GARLK	413248
2149740	GMC	472164 <sup>2B</sup>	21527-0550	GARLK	6241S	21527-1114	GARLK	472319	21527-1939	GARLK	415483
21498	GARLK	473228 <sup>2B</sup>	21527-0556	GARLK	450444	21527-1117	GARLK	471869	21527-1945	GARLK	415458 <sup>2B</sup>
214995	CLARK	417262 <sup>2B</sup>	21527-0556	GARLK	471835 <sup>2B</sup>	21527-1117	GARLK	473459	21527-1948	GARLK	417343 <sup>2B</sup>
214995	CLARK	455448	21527-0592	GARLK	473224 <sup>2B</sup>	21527-1120	GARLK	473241	21527-1951	GARLK	415007
214PKG	TIMKE	214PKG	21527-0595	GARLK	473016 <sup>2B</sup>	21527-1129	GARLK	472144 <sup>2B</sup>	21527-2035	GARLK	416664 <sup>2B</sup>
214R	TIMKE	214PKG	21527-0598	GARLK	473225 <sup>2B</sup>	21527-1132	GARLK	473460	21527-2038	GARLK	417484N
215	GARLK	471570 <sup>2B</sup>	21527-0643	GARLK	470625 <sup>2B</sup>	21527-1135	GARLK	472394	21527-2038	GARLK	455322
215	UNIVE	416654 <sup>2B</sup>	21527-0645	GARLK	471818	21527-1198	GARLK	472924 <sup>2B</sup>	21527-2041	GARLK	415984 <sup>2B</sup>
215	UNIVE	455012	21527-0655	GARLK	450067	21527-1204	GARLK	450301	21527-2044	GARLK	417316 <sup>2B</sup>
2150348	GMC	415991	21527-0655	GARLK	473228	21527-1204	GARLK	472397 <sup>2B</sup>	21527-2047	GARLK	415960
2150348	GMC	455146 <sup>2B</sup>	21527-0664	GARLK	473440 <sup>2B</sup>	21527-1207	GARLK	473463	21527-2050	GARLK	416706 <sup>2B</sup>
21503D	IH	412119 <sup>2B</sup>	21527-0700	GARLK	472213	21527-1210	GARLK	473242	21527-2050	GARLK	455272
21503D	IH	450101	21527-0703	GARLK	472299	21527-1252	GARLK	451948	21527-2118	GARLK	417344 <sup>2B</sup>
2150563	GMC	415371	21527-0706	GARLK	470064	21527-1270	GARLK	416738 <sup>2B</sup>	21527-2121	GARLK	417158 <sup>2B</sup>
2-1510-020-0	LAMBO	224052	21527-0706	GARLK	471821 <sup>2B</sup>	21527-1270	GARLK	450096	21527-2146	GARLK	416956
2-1510-326-0	LAMBO	239146	21527-0712	GARLK	450185	21527-1324	GARLK	450115	21527-2152	GARLK	416654 <sup>2B</sup>
2151090	GMC	417485	21527-0712	GARLK	473229	21527-1324	GARLK	473467	21527-2152	GARLK	455012
215191070	LAMBO	710681	21527-0715	GARLK	470682	21527-1327	GARLK	472015 <sup>2B</sup>	21527-2168	GARLK	417349 <sup>2B</sup>
21523	FMC	413247 <sup>2B</sup>	21527-0718	GARLK	471316	21527-1333	GARLK	410312N	21527-2171	GARLK	417350 <sup>2B</sup>
21527-0113	GARLK	450025	21527-0739	GARLK	482253	21527-1339	GARLK	450121	21527-2174	GARLK	415836
21527-0113	GARLK	471553 <sup>2B</sup>	21527-0760	GARLK	470358	21527-1339	GARLK	472409 <sup>2B</sup>	21527-2174	GARLK	415995 <sup>2B</sup>
21527-0115	GARLK	471579	21527-0760	GARLK	473231	21527-1345	GARLK	473243	21527-2177	GARLK	417351 <sup>2B</sup>
21527-0119	GARLK	471642	21527-0763	GARLK	450066	215271357	GARLK	416267 <sup>2B</sup>	21527-2249	GARLK	456105
21527-0145	GARLK	471498 <sup>29</sup>	21527-0763	GARLK	473367 <sup>2B</sup>	21527-1402	GARLK	472018	21527-2257	GARLK	455336
21527-0149	GARLK	471684 <sup>2B</sup>	21527-0769	GARLK	450194	21527-1405	GARLK	473471	21527-2261	GARLK	417490
21527-0149	GARLK	471698	21527-0769	GARLK	473010	21527-1408	GARLK	472020	21527-2267	GARLK	455022
21527-0153	GARLK	470390	21527-0772	GARLK	450069	21527-1414	GARLK	470354	21527-2270	GARLK	415304
21527-0213	GARLK	471267 <sup>2B</sup>	21527-0772	GARLK	473232	21527-1420	GARLK	473245 <sup>2B</sup>	21527-2270	GARLK	476470 <sup>2B</sup>
21527-0217	GARLK	471633 <sup>2B</sup>	21527-0775	GARLK	481864	21527-1426	GARLK	413472	21527-2273	GARLK	417181 <sup>2B</sup>
21527-0221	GARLK	470590	21527-0787	GARLK	450078	21527-1432	GARLK	416268	21527-2276	GARLK	417352
21527-0289	GARLK	473380 <sup>29</sup>	21527-0787	GARLK	473444	21527-1471	GARLK	471341 <sup>2B</sup>	21527-2276	GARLK	418028
21527-0323	GARLK	471651	21527-0826	GARLK	473233 <sup>2B</sup>	21527-1474	GARLK	471272 <sup>2B</sup>	21527-2279	GARLK	417353 <sup>2B</sup>
21527-0325	GARLK	471705 <sup>2B</sup>	21527-0835	GARLK	450154	21527-1480	GARLK	471138 <sup>2B</sup>	21527-2294	GARLK	455328
21527-0327	GARLK	473419 <sup>2B</sup>	21527-0835	GARLK	473234	21527-1486	GARLK	410737 <sup>2B</sup>	21527-2366	GARLK	415991 <sup>2B</sup>
21527-0333	GARLK	471762 <sup>2B</sup>	21527-0838	GARLK	473235 <sup>2B</sup>	21527-1486	GARLK	470737	21527-2366	GARLK	415991N
215270352	GARLK	471652	21527-0844	GARLK	473236 <sup>2B</sup>	21527-1492	GARLK	472636 <sup>2B</sup>	21527-2369	GARLK	417196 <sup>2B</sup>
21527-0355	GARLK	470045	21527-0859	GARLK	471981	21527-1498	GARLK	412920 <sup>2B</sup>	21527-2375	GARLK	417198
21527-0355	GARLK	476838 <sup>2B</sup>	21527-0899	GARLK	470351	21527-1504	GARLK	411376 <sup>2B</sup>	21527-2417	GARLK	416047
21527-0357	GARLK	470712 <sup>2B</sup>	21527-0899	GARLK	471504 <sup>2B</sup>	21527-1504	GARLK	455093	21527-2417	GARLK	416332 <sup>2B</sup>
21527-0359	GARLK	471763	21527-0907	GARLK	450070	21527-1654	GARLK	413246	21527-2420	GARLK	415937 <sup>2B</sup>
21527-0361	GARLK	471785 <sup>2B</sup>	21527-0907	GARLK	472185 <sup>2B</sup>	21527-1654	GARLK	413246N	21527-2426	GARLK	416125 <sup>2B</sup>
21527-0383	GARLK	472475	21527-0910	GARLK	470334 <sup>2B</sup>	21527-1657	GARLK	412119 <sup>2B</sup>	21527-2432	GARLK	417499
21527-0384	GARLK	472475	21527-0913	GARLK	450183	21527-1657	GARLK	450101	21527-2433	GARLK	417355 <sup>2B</sup>
21527-0385	GARLK	473426	21527-0913	GARLK	472179	21527-1660	GARLK	413247 <sup>2B</sup>	21527-2435	GARLK	415832
21527-0387	GARLK	471765 <sup>2B</sup>	21527-0922	GARLK	450291	21527-1666	GARLK	416271 <sup>2B</sup>	21527-2438	GARLK	417500
215270394	GARLK	473205	21527-0922	GARLK	471141 <sup>2B</sup>	21527-1669	GARLK	412861	21527-2462	GARLK	415379

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21527-2465	GARLK	417205 <sup>28</sup>	21528-0353	GARLK	471692 <sup>28</sup>	21528-1828	GARLK	455079 <sup>28</sup>	21611	SKF	710279
21527-2468	GARLK	416339	21528-0355	GARLK	470045	21528-1834	GARLK	455655 <sup>28</sup>	21611208	TROS	474255
21527-2537	GARLK	415035	21528-0355	GARLK	476838 <sup>28</sup>	21528-2035	GARLK	416664 <sup>28</sup>	21611508	TROS	8293S
21527-2537	GARLK	415953	21528-0359	GARLK	471763	21528-2035	GARLK	455364	21611604	TROS	471801 <sup>28</sup>
21527-2540	GARLK	417356 <sup>28</sup>	21528-0361	GARLK	471785 <sup>28</sup>	21528-2038	GARLK	417484N	21611608	TROS	471801 <sup>28</sup>
21527-2543	GARLK	417357	21528-0535	GARLK	470774 <sup>28</sup>	21528-2038	GARLK	455322	21611611	TROS	471801 <sup>28</sup>
21527-2546	GARLK	416130 <sup>28</sup>	215280541	GARLK	471192	21528-2041	GARLK	415984 <sup>28</sup>	21612	C-R	710279
21527-2555	GARLK	415041	21528-0544	GARLK	473214 <sup>28</sup>	21528-2050	GARLK	416706 <sup>28</sup>	21612	SKF	710279
21527-2657	GARLK	416556 <sup>28</sup>	21528-0547	GARLK	473215 <sup>28</sup>	21528-2050	GARLK	455272	21612008	TROS	473212 <sup>28</sup>
21527-2657	GARLK	472157	21528-0556	GARLK	450444	21528-2168	GARLK	415281N	21612408	TROS	473214 <sup>28</sup>
21527-2663	GARLK	416891 <sup>28</sup>	21528-0556	GARLK	471835 <sup>28</sup>	21528-2174	GARLK	415995V	21612804	TROS	473224 <sup>28</sup>
21527-2753	GARLK	416888 <sup>28</sup>	21528-0643	GARLK	470548	21528-2174	GARLK	455995N	21612808	TROS	473016 <sup>28</sup>
21527-2756	GARLK	416153 <sup>28</sup>	21528-0643	GARLK	470625 <sup>28</sup>	21528-4584	GARLK	472658	21613	C-R	710279
21527-3125	GARLK	455576 <sup>28</sup>	215280646	GARLK	470059	21528-4584	GARLK	473197	21613	SKF	710279
21527-3128	GARLK	415938	215280646	GARLK	470380 <sup>28</sup>	21528-51	GARLK	471526 <sup>28</sup>	21613204	TROS	470625 <sup>28</sup>
21527-3275	GARLK	417362 <sup>28</sup>	21528-0655	GARLK	450067	2152853	GARLK	471472 <sup>28</sup>	21613206	TROS	471689 <sup>28</sup>
21527-3278	GARLK	417363	21528-0655	GARLK	473228	21528-55	GARLK	471549 <sup>28</sup>	21613206C	TROS	470625 <sup>28</sup>
21527-3281	GARLK	416666	21528-0658	GARLK	451857	21528-67	GARLK	471281 <sup>28</sup>	21613208	TROS	470548
21527-3872	GARLK	471747 <sup>28</sup>	21528-0664	GARLK	473440 <sup>28</sup>	21528-69	GARLK	471535 <sup>28</sup>	21613208	TROS	470625 <sup>28</sup>
21527-3872	GARLK	472674	21528-0700	GARLK	472213	2152871	GARLK	471551 <sup>28</sup>	21613212	TROS	470625 <sup>28</sup>
21527-3880	GARLK	471344	21528-0898	GARLK	470351	21528-87	GARLK	471466 <sup>28</sup>	21613604	TROS	472213
21527-3883	GARLK	473442 <sup>28</sup>	21528-0898	GARLK	471504 <sup>28</sup>	21528-91	GARLK	471255 <sup>28</sup>	21614804	TROS	6703S
21527-4802	GARLK	450545	21528-0904	GARLK	450494	21528-93	GARLK	471564	21614806	TROS	450400
21527-6658	GARLK	471276 <sup>29</sup>	21528-0904	GARLK	472164 <sup>28</sup>	215348	CLARK	470605 <sup>28</sup>	21614808	TROS	450400
21527-7126	GARLK	470596 <sup>29</sup>	21528-0913	GARLK	450183	21538	C-R	450621 <sup>29</sup>	21619	C-R	225530
21527-7164	GARLK	473455 <sup>28</sup>	21528-0913	GARLK	472179	21538	SKF	450621	21619	SKF	225530
21527-7249	GARLK	416127	21528-0922	GARLK	450291	215393	WILYS	471733	216193709	GARLK	417608
21527-7282	GARLK	470088	21528-0922	GARLK	471141 <sup>28</sup>	215400	MECH	370010A	21620	C-R	225530
21527-7934	GARLK	55469 <sup>29</sup>	21528-0925	GARLK	473448	21550	C-R	710467	21620	C-R	55X72X8 <sup>28</sup>
21527-7941	GARLK	455509 <sup>29</sup>	21528-0928	GARLK	471984	21550	SKF	710467	21620	SKF	225530
21527-8074	GARLK	471827 <sup>28,29</sup>	21528-1048	GARLK	450117	2155638	GMC	5751	21620	SKF	55X72X8
21527-8081	GARLK	450819 <sup>29</sup>	21528-1048	GARLK	472572 <sup>28</sup>	2156231	GMC	471466 <sup>28</sup>	21624	C-R	225535
215278342	GARLK	471255 <sup>28</sup>	21528-1051	GARLK	473179 <sup>28</sup>	21566	GARLK	473230 <sup>28</sup>	21624	C-R	55X72X8 <sup>28</sup>
21528-0109	GARLK	471529	21528-1057	GARLK	450082	215745	OILGR	481443 <sup>28</sup>	21624	SKF	225535
21528-0111	GARLK	471538 <sup>28</sup>	21528-1057	GARLK	473238	2157507	GE	411376 <sup>28</sup>	21624	SKF	55X72X8
21528-0113	GARLK	471553 <sup>28</sup>	21528-1063	GARLK	473239 <sup>28</sup>	2157507	GE	455093	21627	C-R	225545
21528-0115	GARLK	471579	21528-1186	GARLK	471870 <sup>28</sup>	21576	GARLK	473231 <sup>28</sup>	21627	SKF	225545
21528-0143	GARLK	471567 <sup>28</sup>	21528-1186	GARLK	471883	2158	CARDX	473473	2163192	GMC	450593 <sup>28</sup>
21528-0147	GARLK	471643 <sup>28</sup>	21528-1189	GARLK	450389	2158204	AMC	470590	216335	UNIVE	410496 <sup>28</sup>
21528-0153	GARLK	470390	21528-1189	GARLK	472492 <sup>28</sup>	215841	CLARK	473245 <sup>28</sup>	216337	UNIVE	470605 <sup>28</sup>
21528-0159	GARLK	481443 <sup>28</sup>	21528-1198	GARLK	472924 <sup>28</sup>	2158432	GMC	415016N	216350	MICH	415449 <sup>28</sup>
21528-0161	GARLK	481568 <sup>28</sup>	21528-1204	GARLK	472397 <sup>28</sup>	2159	CARDX	450316	216350	MICH	455147
21528-0213	GARLK	471267 <sup>28</sup>	21528-1324	GARLK	450115	2159	CARDX	472636 <sup>28</sup>	216350	UNIVE	415449 <sup>28</sup>
21528-0215	GARLK	471570 <sup>28</sup>	21528-1324	GARLK	473467	21590	GARLK	473010 <sup>28</sup>	216350	UNIVE	455147
21528-0217	GARLK	471633 <sup>28</sup>	21528-1327	GARLK	472015 <sup>28</sup>	21598	GARLK	473232 <sup>28</sup>	216354	MICH	415001 <sup>28</sup>
21528-0219	GARLK	471646 <sup>28</sup>	21528-1471	GARLK	471341 <sup>28</sup>	215A120X08	TROS	484058	216354	MICH	455001
21528-0225	GARLK	471730	21528-1474	GARLK	410520	215PKG	TIMKE	215PKG	216354	UNIVE	415001 <sup>28</sup>
21528-0269	GARLK	451583 <sup>28</sup>	21528-1474	GARLK	471272 <sup>28</sup>	215R	TIMKE	215PKG	216354	UNIVE	455001
21528-0273	GARLK	471648	21528-1492	GARLK	472636 <sup>28</sup>	21603	C-R	225500	216354SL	MICH	415001 <sup>28</sup>
21528-0275	GARLK	471688	21528-1504	GARLK	411376 <sup>28</sup>	21603	C-R	55X68X8 <sup>28</sup>	216354SL	MICH	455001
215280287	GARLK	471224 <sup>28</sup>	21528-1504	GARLK	455093	21603	SKF	225500	21636	C-R	710467
21528-0291	GARLK	471649 <sup>28</sup>	21528-1639	GARLK	473474	21603	SKF	55X68X8	21636	SKF	710467
21528-0293	GARLK	471689 <sup>28</sup>	21528-1654	GARLK	413246	21605	C-R	100470	216362	MICH	416273 <sup>28</sup>
21528-0295	GARLK	450593 <sup>28</sup>	21528-1654	GARLK	413246N	21605	SKF	100470	216362	UNIVE	416273 <sup>28</sup>
21528-0297	GARLK	471733	21528-1666	GARLK	416271 <sup>28</sup>	2160782	GMC	473232 <sup>28</sup>	216375	UNIVE	455079 <sup>28,29</sup>
21528-0301	GARLK	471760	21528-1669	GARLK	412861	21610	C-R	55X70X8 <sup>28</sup>	21639	IH	473474
21528-0303	GARLK	453165	21528-1801	GARLK	472029	21610	C-R	710279	21640	C-R	55X80X8
21528-0303	GARLK	471619 <sup>28</sup>	21528-1807	GARLK	471271 <sup>28</sup>	21610	SKF	55X70X8	21640	SKF	55X80X8
215280351	GARLK	471652	21528-1822	GARLK	415001 <sup>28</sup>	21610	SKF	710279	216400	UNIVE	455655 <sup>28,29</sup>
21528-0353	GARLK	470189	21528-1822	GARLK	455001	21611	C-R	710279	21645	C-R	55X80X8 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21645	SKF	55X80X8	21702-0288	GARLK	471224 <sup>28</sup>	21702-0772	GARLK	450069	21702-1494	GARLK	450316
21648	C-R	225500	21702-0291	GARLK	471649 <sup>28</sup>	21702-0772	GARLK	473232	21702-1494	GARLK	472636 <sup>28</sup>
21648	C-R	55X68X8 <sup>28</sup>	21702-0293	GARLK	471689 <sup>28</sup>	21702-0774	GARLK	450069	21702-1504	GARLK	411376 <sup>28</sup>
21648	SKF	225500	21702-0323	GARLK	471651	21702-0774	GARLK	473232	21702-1504	GARLK	455093
21648	SKF	55X68X8	217020351	GARLK	471652	21702-0829	GARLK	473445	21702-1505	GARLK	411376 <sup>28</sup>
21652	C-R	710127	21702-0353	GARLK	470189	21702-0835	GARLK	450154	21702-1505	GARLK	455093
21652	SKF	710127	21702-0353	GARLK	471692 <sup>28</sup>	21702-0835	GARLK	473234	21702-1642	GARLK	470565 <sup>28</sup>
21660	C-R	55X85X8 <sup>28</sup>	217020362	GARLK	471785 <sup>28</sup>	21702-0837	GARLK	450154	21702-1644	GARLK	470565 <sup>28</sup>
21660	SKF	55X85X8	21702-0383	GARLK	472475	21702-0837	GARLK	473234	21702-1654	GARLK	413246
216604	WILYS	471765 <sup>28</sup>	21702-0385	GARLK	473426	21702-0843	GARLK	470074	21702-1654	GARLK	413246N
2166091	GMC	416047	217020387	GARLK	471765 <sup>28</sup>	21702-0843	GARLK	474265	21702-1656	GARLK	413246
2166091	GMC	416332 <sup>28</sup>	217020388	GARLK	471765 <sup>28</sup>	21702-0859	GARLK	471981	21702-1656	GARLK	413246N
2166675	AMC	450085	21702-0390	GARLK	471354 <sup>28</sup>	21702-0898	GARLK	470351	21702-1658	GARLK	412119 <sup>28</sup>
2166675	AMC	470530 <sup>28</sup>	217020424	GARLK	471750 <sup>28</sup>	21702-0898	GARLK	471504 <sup>28</sup>	21702-1658	GARLK	450101
21670	C-R	55X90X13	217020425	GARLK	471750 <sup>28</sup>	21702-0904	GARLK	450494	21702-1668	GARLK	416271 <sup>28</sup>
21670	C-R	55X90X8 <sup>28</sup>	21702-0427	GARLK	471766 <sup>28</sup>	21702-0904	GARLK	472164 <sup>28</sup>	21702-1680	GARLK	417480 <sup>28</sup>
21670	SKF	55X90X13	21702-0430	GARLK	471787 <sup>28</sup>	21702-0906	GARLK	450352	21702-1680	GARLK	455860
21670	SKF	55X90X8	217020439	GARLK	471801 <sup>28</sup>	21702-0906	GARLK	472164 <sup>28</sup>	21702-1750	GARLK	417073
21673	C-R	55X90X13	217020441	GARLK	471801 <sup>28</sup>	21702-0907	GARLK	450070	21702-1752	GARLK	417073
21673	SKF	55X90X13	217020484	GARLK	472826 <sup>28</sup>	21702-0907	GARLK	472185 <sup>28</sup>	21702-1807	GARLK	471271 <sup>28</sup>
216811604	TROS	42081S <sup>28</sup>	21702-0535	GARLK	470774 <sup>28</sup>	21702-0909	GARLK	450070	21702-1819	GARLK	415449 <sup>28</sup>
21682	VICK	470077	217020543	GARLK	471192	21702-0909	GARLK	472185 <sup>28</sup>	21702-1821	GARLK	415449 <sup>28</sup>
21682	VICK	474281 <sup>28</sup>	21702-0544	GARLK	473214 <sup>28</sup>	21702-0913	GARLK	450183	21702-1821	GARLK	455147
21685	C-R	55X100X7	21702-0546	GARLK	470169	21702-0913	GARLK	472179	21702-1882	GARLK	413479
21685	SKF	55X100X7	21702-0546	GARLK	473214	21702-0928	GARLK	471984	21702-1939	GARLK	415483 <sup>28</sup>
21690	GARLK	473237 <sup>28</sup>	21702-0548	GARLK	473215 <sup>28</sup>	21702-1048	GARLK	450117	21702-1939	GARLK	455368
216918	ALLCH	471103 <sup>28</sup>	21702-0550	GARLK	470950 <sup>28</sup>	21702-1048	GARLK	472572 <sup>28</sup>	21702-1948	GARLK	417343 <sup>28</sup>
216918	ALLCH	50197S	21702-0550	GARLK	6241S	21702-1050	GARLK	450117	21702-1993	GARLK	455434
216928	ALLCH	450400	21702-0551	GARLK	470950 <sup>28</sup>	21702-1050	GARLK	472572 <sup>28</sup>	21702-2004	GARLK	455151
21692D	IH	481864	21702-0551	GARLK	6241S	21702-1057	GARLK	450082	21702-2032	GARLK	480491
216952	US-EL	472258 <sup>28</sup>	21702-0552	GARLK	470950 <sup>28</sup>	21702-1057	GARLK	473238	21702-2035	GARLK	416664 <sup>28</sup>
216959R91	IH	40316S	21702-0552	GARLK	6241S	21702-1069	GARLK	473240 <sup>28</sup>	21702-2035	GARLK	455364
216985	ALLCH	471442 <sup>28</sup>	21702-0592	GARLK	473224 <sup>28</sup>	21702-1075	GARLK	473458	21702-2038	GARLK	417484N
216990	ALLCH	471276	21702-0597	GARLK	473016 <sup>28</sup>	21702-1114	GARLK	472319	21702-2038	GARLK	455322
216A15006	TROS	321460	21702-0624	GARLK	473439 <sup>28</sup>	21702-1129	GARLK	472144 <sup>28</sup>	21702-2044	GARLK	417316 <sup>28</sup>
216A15006C	TROS	321460	21702-0643	GARLK	470548	21702-1135	GARLK	472394	21702-2044	GARLK	455004
216C13104	TROS	40468	21702-0643	GARLK	470625 <sup>28</sup>	21702-1150	GARLK	450472 <sup>28</sup>	21702-2045	GARLK	417316 <sup>28</sup>
216D13206	TROS	9363S	21702-0644	GARLK	470548	21702-1162	GARLK	450474 <sup>29</sup>	21702-2045	GARLK	455004
216PKG	TIMKE	216PKG	21702-0644	GARLK	470625 <sup>28</sup>	21702-1186	GARLK	471870 <sup>28</sup>	21702-2046	GARLK	417316 <sup>28</sup>
216R	TIMKE	216PKG	21702-0645	GARLK	470548	21702-1186	GARLK	471883	21702-2046	GARLK	455004
2170013	GMC	415003	21702-0645	GARLK	470625 <sup>28</sup>	21702-1189	GARLK	450389	21702-2047	GARLK	415960
2170013	GMC	415458 <sup>28</sup>	217020646	GARLK	470059	21702-1189	GARLK	472492 <sup>28</sup>	21702-2047	GARLK	455009
21702-0111	GARLK	471538 <sup>28</sup>	217020648	GARLK	470380 <sup>28</sup>	21702-1191	GARLK	450389	21702-2048	GARLK	415960
21702-0113	GARLK	471553 <sup>28</sup>	217020648	GARLK	470059	21702-1191	GARLK	472492 <sup>28</sup>	21702-2048	GARLK	455009
21702-0144	GARLK	471567 <sup>28</sup>	217020648	GARLK	470380 <sup>28</sup>	21702-1201	GARLK	470530 <sup>28</sup>	21702-2049	GARLK	415960
21702-0147	GARLK	471643 <sup>28</sup>	21702-0655	GARLK	450067	21702-1204	GARLK	472397 <sup>28</sup>	21702-2049	GARLK	455009
21702-0148	GARLK	471643 <sup>28</sup>	21702-0655	GARLK	473228	21702-1206	GARLK	450301	21702-2086	GARLK	455005
21702-0159	GARLK	481443 <sup>28</sup>	21702-0657	GARLK	450067	21702-1206	GARLK	472397 <sup>28</sup>	21702-2088	GARLK	455005
21702-0175	GARLK	450431	21702-0657	GARLK	473228	21702-1323	GARLK	470898	21702-2115	GARLK	415303 <sup>28</sup>
21702-0175	GARLK	471539 <sup>28</sup>	21702-0664	GARLK	473440 <sup>28</sup>	21702-1329	GARLK	472015 <sup>28</sup>	21702-2124	GARLK	416921 <sup>28</sup>
21702-0213	GARLK	471267 <sup>28</sup>	21702-0700	GARLK	472213	21702-1332	GARLK	410308 <sup>28</sup>	21702-2124	GARLK	455011
21702-0215	GARLK	471570 <sup>28</sup>	21702-0707	GARLK	470064	21702-1332	GARLK	450308	21702-2168	GARLK	415281N
21702-0216	GARLK	471570 <sup>28</sup>	21702-0707	GARLK	471821 <sup>28</sup>	21702-1340	GARLK	450121	21702-2170	GARLK	415281N
21702-0219	GARLK	471646 <sup>28</sup>	21702-0717	GARLK	470682	21702-1340	GARLK	472409 <sup>28</sup>	21702-2172	GARLK	417350 <sup>28</sup>
21702-0224	GARLK	471137	21702-0760	GARLK	470358	21702-1402	GARLK	472018	21702-2172	GARLK	455479
21702-0270	GARLK	451583 <sup>28</sup>	21702-0760	GARLK	473231	21702-1471	GARLK	471341 <sup>28</sup>	21702-2174	GARLK	415995V
217020287	GARLK	471224 <sup>28</sup>	21702-0762	GARLK	470358	21702-1473	GARLK	450441	21702-2174	GARLK	455995N
21702-0288	GARLK	470120	21702-0762	GARLK	473231	21702-1473	GARLK	471341 <sup>28</sup>	21702-2177	GARLK	417351 <sup>28</sup>
			21702-0769	GARLK	450194	21702-1476	GARLK	410520	21702-2177	GARLK	455154
			21702-0769	GARLK	473010	21702-1476	GARLK	471272 <sup>28</sup>	21702-2180	GARLK	415086N

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
21702-2180	GARLK	417487 <sup>28</sup>	21702-3518	GARLK	416044	21756	MA-PR	343185	21823-0159	GARLK	481443 <sup>28</sup>
21702-2183	GARLK	417488 <sup>28</sup>	21702-3544	GARLK	415867	21756	SKF	4740	21823-0161	GARLK	481568 <sup>28</sup>
21702-2186	GARLK	455019 <sup>28</sup>	21702-3601	GARLK	417601	217570	ALLCH	415007	21823-0215	GARLK	471570 <sup>28</sup>
21702-2198	GARLK	455019 <sup>28</sup>	21702-3610	GARLK	417604	21759	C-R	472018	21823-0217	GARLK	471633 <sup>28</sup>
21702-2225	GARLK	416011	21702-3624	GARLK	415090	21759	SKF	472018	21823-0219	GARLK	471646 <sup>28</sup>
21702-2225	GARLK	417621 <sup>28</sup>	21702-3660	GARLK	417605	2176189	GMC	471103 <sup>28</sup>	21823-0225	GARLK	471730
21702-2237	GARLK	416297	21702-3673	GARLK	417198	2176189	GMC	50197S	21823-0269	GARLK	451583 <sup>28</sup>
21702-2270	GARLK	476470	2170237	GARLK	6863S <sup>28</sup>	217639H1	IH	415551	21823-0273	GARLK	471648
21702-2273	GARLK	417181 <sup>28</sup>	2170238	GARLK	6863S <sup>28</sup>	21764	C-R	472018 <sup>29</sup>	21823-0275	GARLK	471688
21702-2327	GARLK	417354 <sup>28</sup>	21702-3869	GARLK	472705 <sup>28</sup>	21764	SKF	472018	21823-0291	GARLK	471649 <sup>28</sup>
21702-2348	GARLK	417493	21702-3921	GARLK	417601	217640H1	IH	415066	21823-0297	GARLK	471733
21702-2366	GARLK	415991	21702-3938	GARLK	417604	2176424	VOLVO	710190	21823-0301	GARLK	471760
21702-2366	GARLK	455146 <sup>28</sup>	21702-3949	GARLK	455966	21768	C-R	710675	21823-1324	GARLK	450115
21702-2367	GARLK	415991	21702-3954	GARLK	455462	21768	SKF	710675	21823-1324	GARLK	473467
21702-2367	GARLK	455146 <sup>28</sup>	21702-4062	GARLK	415076	21769	C-R	472018	21823-51	GARLK	471526 <sup>28</sup>
21702-2369	GARLK	417196 <sup>28</sup>	21702-4503	GARLK	55301S	21769	SKF	472018	2182353	GARLK	471472 <sup>28</sup>
21702-2372	GARLK	415437	21702-4507	GARLK	455462	21771	C-R	8974S	21823-55	GARLK	471549 <sup>28</sup>
21702-2393	GARLK	415711	21702-4560	GARLK	415294 <sup>28</sup>	21771	RELEE	473228 <sup>28</sup>	21823-69	GARLK	471535 <sup>28</sup>
21702-2417	GARLK	416047	21702-4560	GARLK	455294	21771	SKF	8974S	2182371	GARLK	471551 <sup>28</sup>
21702-2417	GARLK	416332 <sup>28</sup>	2170250	GARLK	471442 <sup>28</sup>	21775	C-R	473471	21823-87	GARLK	471466 <sup>28</sup>
21702-2421	GARLK	415937 <sup>28</sup>	21702-5246	GARLK	470548	21775	SKF	473471	21823-91	GARLK	471255 <sup>28</sup>
21702-2462	GARLK	415379 <sup>28</sup>	21702-5246	GARLK	470625 <sup>28</sup>	2178091	GMC	470219	21823-93	GARLK	471564
21702-2462	GARLK	455379	21702-55	GARLK	471549 <sup>28</sup>	2178091	GMC	471649 <sup>28</sup>	21826	GARLK	473238 <sup>28</sup>
21702-2501	GARLK	417211 <sup>28</sup>	21702-77	GARLK	471532	217813H1	IH	471195 <sup>28</sup>	21828	HYST	470088
21702-2504	GARLK	416345 <sup>28</sup>	21702-80	GARLK	473405	21787	C-R	472020	218283TB	TRSCM	473244 <sup>28</sup>
21702-2519	GARLK	415304	21702-87	GARLK	471466 <sup>28</sup>	21787	SKF	472020	218284	ALLCH	415960 <sup>28</sup>
21702-2519	GARLK	476470 <sup>28</sup>	21702-91	GARLK	471255 <sup>28</sup>	217873	ALLCH	472144 <sup>28</sup>	218284	ALLCH	455009
21702-2537	GARLK	415035	21702-9808	GARLK	471689 <sup>28</sup>	217873	MASSE	472144 <sup>28</sup>	218294TL	TRSCM	472234
21702-2537	GARLK	415953	217032	ALLCH	471192	2179	UNIVE	418028	218304TB	TRSCM	8974S
21702-2600	GARLK	417511	217039	ALLCH	450400	2179	UNIVE	455137 <sup>28</sup>	218313	ALLCH	5857
21702-2636	GARLK	417513	21704	GARLK	472164 <sup>28</sup>	21795D	IH	450085	218327	ALLCH	450066
21702-2663	GARLK	416891 <sup>28</sup>	21709D	IH	455019 <sup>28</sup>	21795D	IH	470530 <sup>28</sup>	218327	ALLCH	473367 <sup>28</sup>
21702-2711	GARLK	416380 <sup>28</sup>	217103	ALLCH	472258 <sup>28</sup>	217985	HYST	J1121	21835	GARLK	473239 <sup>28</sup>
21702-2723	GARLK	416149	217106	ALLCH	471267 <sup>28</sup>	2179886	GMC	6090S	218350	MICH	415302
21702-2753	GARLK	416888 <sup>28</sup>	217130	CINMI	416891 <sup>28</sup>	2179931	GMC	471192	218350	UNIVE	415302
21702-2759	GARLK	416892 <sup>28</sup>	21714	GARLK	472185 <sup>28</sup>	217A124X06.5	TROS	9569S	218354	UNIVE	455311
21702-2807	GARLK	416158	217164	ALLCH	450082	217PKG	TIMKE	217PKG	218362	MICH	415988
21702-2837	GARLK	415138 <sup>28</sup>	217164	ALLCH	473238	217R	TIMKE	217PKG	218362	UNIVE	415988 <sup>29</sup>
21702-2915	GARLK	415725 <sup>28</sup>	21726	GARLK	472179	2180	UNIVE	415991	218375	UNIVE	417481
21702-2921	GARLK	416865 <sup>28</sup>	21726F	OSHKO	415304	2180	UNIVE	455146 <sup>28</sup>	21838	GARLK	473239 <sup>28</sup>
21702-2922	GARLK	416865 <sup>28</sup>	21726F	OSHKO	476470 <sup>28</sup>	21802	GARLK	472439	218387	UNIVE	455280 <sup>29</sup>
21702-2922	GARLK	455070	21732	RELEE	473010 <sup>28</sup>	21812004	TROS	40769S	218388	MICH	455280
21702-2927	GARLK	417541	21733	RELEE	415294 <sup>28</sup>	21812005	TROS	40769S	2183992	GMC	470898
21702-3059	GARLK	417262 <sup>28</sup>	21736	C-R	473244 <sup>28,29</sup>	21812404	TROS	42763	2184	STEM	370371A
21702-3067	GARLK	415645 <sup>28</sup>	21736	SKF	473244	21812405	TROS	42763	21840	C-R	473245 <sup>28</sup>
21702-3067	GARLK	455104	21740	C-R	710127	2181265	GMC	450301	21840	SKF	473245
21702-3184	GARLK	416107 <sup>28</sup>	21740	SKF	710127	2181265	GMC	472397 <sup>28</sup>	21848	GARLK	473240 <sup>28</sup>
21702-3184	GARLK	455073	217431	ALLCH	470169	21814	GARLK	472572 <sup>28</sup>	218538	CUMMI	39723
21702-3277	GARLK	417362 <sup>28</sup>	217431	ALLCH	473214 <sup>28</sup>	21820	C-R	6186	2185521	GMC	474276 <sup>28</sup>
21702-3278	GARLK	417363	21744D	IH	410102	21820	SKF	6186	21855D	IH	415458 <sup>28</sup>
21702-3279	GARLK	417363	217484	ALLCH	470059	218205R91	IH	6270	21855D	IH	455003
21702-3280	GARLK	417363	217484	ALLCH	470380 <sup>28</sup>	218206R91	IH	5401	21856	VICK	415196 <sup>28</sup>
21702-3281	GARLK	416666	21749	C-R	472234	21820D	IH	415371	21860	VICK	417205 <sup>28</sup>
21702-3282	GARLK	416666	21749	SKF	472234	21823-0109	GARLK	471529	2186197	GMC	471466 <sup>28</sup>
21702-3283	GARLK	416666	2174901	GMC	472015 <sup>28</sup>	21823-0111	GARLK	471538 <sup>28</sup>	2186314	GMC	470898
21702-3355	GARLK	415683	217534	ALLCH	471750 <sup>28</sup>	21823-0113	GARLK	471553 <sup>28</sup>	21865	VICK	416888 <sup>28</sup>
21702-3367	GARLK	415072	217535	ALLCH	471276	21823-0115	GARLK	471579	21865	VICK	455200
21702-3384	GARLK	415074	217536	ALLCH	450291	21823-0143	GARLK	471567 <sup>28</sup>	218655	ALLCH	471554 <sup>28</sup>
21702-3426	GARLK	415294 <sup>28</sup>	217536	ALLCH	471141 <sup>28</sup>	21823-0147	GARLK	471643 <sup>28</sup>	218682	ALLCH	474255
21702-3426	GARLK	455294	21756	C-R	4740	21823-0153	GARLK	470390	21870	HYST	450147

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
218703	ALLCH	470358	2196410	GO-TI	8121S	21RM201	CONTI	470334 <sup>28</sup>	22013	SKF	710108
218703	ALLCH	473231 <sup>28</sup>	2196411	GO-TI	6815	21X024015XX	TIMKE	210X240X15	22015	C-R	56X70X8
2188404	GMC	450291	2196414	GO-TI	8871	21X025015XX	TIMKE	210X250X15	22015	SKF	56X70X8
2188404	GMC	471141 <sup>28</sup>	2196415	GO-TI	5121	21X10043B	JOHND	416888 <sup>28</sup>	22018	C-R	225650
21886	VICK	474255	2196416	GO-TI	3087	21X10052B	JOHND	343185	22018	C-R	56X72X7 <sup>29</sup>
21890	C-R	412943	2196417	GO-TI	3357	21X12461A	JOHND	417344 <sup>28</sup>	22018	SKF	225650
21890	SKF	412943	2196418	GO-TI	1196	21X12544A	JOHND	473214 <sup>28</sup>	22018	SKF	56X72X7
2189804	GMC	471192	2196419	GO-TI	6840S	21X12544B	JOHND	473214 <sup>28</sup>	220184	ALLCH	470163
218PKG	TIMKE	218PKG	2196420	GO-TI	9406S	21X14213B	JOHND	415003	220184	ALLCH	471766 <sup>28</sup>
218R	TIMKE	218PKG	2196421	GO-TI	1217	21X14213B	JOHND	415458 <sup>28</sup>	2201889	CHRYS	6241S
21901	NPG	4638N	2196423	GO-TI	224820	21X14214A	JOHND	471138 <sup>28</sup>	220194	ALLCH	470219
219023	OILGR	471647	2196423	GO-TI	48X62X8 <sup>28</sup>	21X14479A	JOHND	473203	220194	ALLCH	471649 <sup>28</sup>
21910	C-R	413472	2196424	GO-TI	1188	21X15184A	JOHND	471224 <sup>28</sup>	22020	C-R	225650
21910	SKF	413472	2196425	GO-TI	4148	21X15517A	JOHND	415138 <sup>28</sup>	22020	SKF	225650
219155	ALLCH	450076	2196501	GO-TI	9568	21X18141A	JOHND	415327	220207	CLARK	472213
219155	ALLCH	470334 <sup>28</sup>	2196502	GO-TI	9363S	21X2813	GARLK	415064	2202080	CHRYS	8160S
21918	C-R	710413	2196504	GO-TI	8660S	21X51544A	JOHND	455056	220214	CLARK	474255
21918	SKF	710413	2196505	GO-TI	8704S	21X52416A	JOHND	471984	22022	C-R	710069
2191897	GMC	450194	2196506	GO-TI	8695S	21Y2997	GW	450316	22022	SKF	710069
2191897	GMC	473010	2196509	GO-TI	8835S	21Y2997	GW	472636 <sup>28</sup>	22023	GARLK	472492 <sup>28</sup>
21918D	IH	415995 <sup>28</sup>	2196511	GO-TI	9569S	22	CITRO	223035	22024	C-R	710393
21918D	IH	455013	2196512	GO-TI	2689S	22001	DANMA	470548	22024	SKF	710393
2192652	GMC	416865 <sup>28</sup>	2196513	GO-TI	473228	22001	DANMA	470625 <sup>28</sup>	22026	C-R	710464
2192652	GMC	455070	2196513	GO-TI	51098	220010	DANMA	473236 <sup>28</sup>	22026	SKF	710464
21934	C-R	416268	2196514	GO-TI	1012N	220011	MINNM	471787 <sup>28</sup>	22027	C-R	225650
21934	SKF	416268	2196516	GO-TI	3214	220013	DANMA	204002	22027	SKF	225650
219355TBJ	TRSCM	2286	2196518	GO-TI	1955	220015	DANMA	473227	22028	C-R	225673
21938	C-R	3103 <sup>28</sup>	2196518	GO-TI	52X65X9 <sup>28</sup>	220017	DANMA	472015 <sup>28</sup>	22028	SKF	225673
21938	SKF	3103	2196519	GO-TI	3199	220018	DANMA	470548	22029	C-R	4741
219396	ALLCH	472560N <sup>28</sup>	2196520	GO-TI	1955	220018	DANMA	470625 <sup>28</sup>	22029	SKF	4741
219396	ALLCH	50151S	2196520	GO-TI	52X65X9 <sup>28</sup>	220019	DANMA	204017	220294	CLARK	416011
2194	TIMKE	2194	21969D	IH	450066	22002	DANMA	450494	220294	CLARK	417621 <sup>28</sup>
21944	C-R	713103	21969D	IH	473367 <sup>28</sup>	22002	DANMA	472164 <sup>28</sup>	220295R91	IH	450143
21944	SKF	713103	219774	JEFF	473016 <sup>28</sup>	220020	DANMA	7781S	2202993SA	TRSCM	450085
21944K	IH	473438	2198804	GMC	471192	220021	DANMA	40370S	22030	C-R	4899
219475	ALLCH	415138 <sup>28</sup>	219899	JEFF	415001 <sup>28</sup>	220022	DANMA	204017	22030	C-R	56X75X7 <sup>29</sup>
2194OS	JN-MN	417606 <sup>29</sup>	219899	JEFF	455001	22003	DANMA	471192	22030	C-R	5700
21950	C-R	415350	219899	SUL	415001 <sup>28</sup>	22005	C-R	710169	22030	SKF	4899
21950	SKF	415350	219899	SUL	455001	22005	DANMA	471801 <sup>28</sup>	22030	SKF	56X75X7
21953	C-R	710171	219929	ALLCH	415254	22005	SKF	710169	22030	SKF	5700
21953	SKF	710171	2199335	GMC	471267 <sup>28</sup>	22006	DANMA	470163	22031	C-R	225545
21955	C-R	2286	219971847	MERCE	710289	22006	DANMA	471766 <sup>28</sup>	22031	SKF	225545
21955	SKF	2286	219977647	MERCE	710289	22006	GARLK	471424 <sup>28</sup>	220316	ALLCH	450076
21955D	IH	473460	219A125X08.25	TROS	8660S	22006X	MASSE	470064	220316	ALLCH	470334 <sup>28</sup>
21957	C-R	710575	219D4	WHITE	450316	22006X	MASSE	471821 <sup>28</sup>	22032	C-R	710463
21957	SKF	710575	219D4	WHITE	472636 <sup>28</sup>	22007	DANMA	450492	22032	SKF	710463
219594	FRUEH	6545	219PKG	TIMKE	219PKG	2200730	CHRYS	471267 <sup>28</sup>	22033	C-R	4899
2196057	GMC	472397 <sup>28</sup>	219R	TIMKE	219PKG	22008	DANMA	470169	22033	SKF	4899
21961	C-R	3553	21C7052	FORD	410059	22008	DANMA	473214 <sup>28</sup>	220337DSL	MICH	410708
21961	RELEE	416156	21C7052	FORD	470380 <sup>28</sup>	22009	DANMA	50468	22034	JOY	471570 <sup>28</sup>
21961	SKF	3553	21C7052A	FORD	410059	22010	C-R	710578	22035	C-R	710146
219621	ALLCH	471868	21C7052A	FORD	470380 <sup>28</sup>	22010	SKF	710578	22035	GARLK	472924 <sup>28</sup>
2196401	GO-TI	7022S	21C7052A1	FORD	410059	2201050	GRAM	450457	22035	SKF	710146
2196403	GO-TI	41257 <sup>28</sup>	21C7052A1	FORD	470380 <sup>28</sup>	2201055	GRAM	470163	220350	UNIVE	415483 <sup>28</sup>
219-6404	GO-TI	8139	21C7052A2	FORD	410059	2201055	GRAM	471766 <sup>28</sup>	220350	UNIVE	455368
219-6405	GO-TI	7607	21C7052A2	FORD	470380 <sup>28</sup>	2201079X	GRAM	470027	220362	MICH	415458 <sup>28</sup>
219-6406	GO-TI	7934S	21D2531	FWD	471750 <sup>28</sup>	2201079X	GRAM	471554 <sup>28</sup>	220362	MICH	455003
2196407	GO-TI	8705S	21D6131	FWD	470027	220126	CLARK	417344 <sup>28</sup>	220362	UNIVE	415458 <sup>28</sup>
2196408	GO-TI	9406S	21D6131	FWD	471554 <sup>28</sup>	220126	CLARK	455006	220362	UNIVE	455003
2196409	GO-TI	9015S	21RM201	CONTI	450076	22013	C-R	710108	22037	C-R	1993

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
22037	SKF	1993	220816	CLARK	470530 <sup>28</sup>	22144-21010	HYUND	3771	2218	NATL	2218
220375	MICH	417343 <sup>28</sup>	220818	TIMKE	220818	22144-21010	KIA	3771	2218	TIMKE	2218
220375	UNIVE	417343 <sup>28</sup>	220845	CLARK	472258 <sup>28</sup>	22144-21016	HYUND	3771	221810	SPERY	471413V
22038	C-R	710393	220860	TIMKE	220860	22144-33004	HYUND	3771	221820	TIMKE	221820
22038	SKF	710393	220866	CINMI	450316	22144-35000	HYUND	3771	221830	NATL	18X32X8
220387	UNIVE	415007 <sup>29</sup>	220866	CINMI	472636 <sup>28</sup>	22144-35504	HYUND	223010	221830	TIMKE	221830
220388	MICH	415007	2208947	GMC	476283N	22144-35504	KIA	223010	22186	GARLK	472015 <sup>28</sup>
220389R91	IH	410520	220915	JEFF	450154	22144-37100	HYUND	3771	2218RC	SUL	415458 <sup>28</sup>
220389R91	IH	471272 <sup>28</sup>	220915	JEFF	473234	22144-37101	HYUND	3771	2218RC	SUL	455003
220395	FORD	473215 <sup>28</sup>	220918	TIMKE	220918	22144-37101	KIA	3771	221922	TIMKE	221922
2203RC	SUL	417316 <sup>28</sup>	220 997 00 46	MERCE	710962	22144-39000	HYUND	223010	22196X	IH	470358
2203RC	SUL	455004	2209970246	MERCE	710678	22144-39000	KIA	223010	22196X	IH	473231
220400	MECH	370066A	220 997 03 46	MERCE	710961	22144-39001	HYUND	223010	22196X	MASSE	470358
220400	UNIVE	417082 <sup>29</sup>	22099H	IH	450083	22144-39001	KIA	223010	22196X	MASSE	473231
22041	C-R	225673	22099H	IH	472924 <sup>28</sup>	22144-3B000	HYUND	3771	22198	GARLK	472016 <sup>28</sup>
22041	SKF	225673	220PKG	TIMKE	220PKG	22144-3B000	KIA	710329	2219RC	SUL	411394 <sup>28</sup>
22042	C-R	225678	220R	TIMKE	220PKG	22144-3B001	HYUND	3771	2219RC	SUL	450317
22042	SKF	225678	220X250X15	TIMKE	220X250X15	22144-3B001	KIA	3771	221PKG	TIMKE	221PKG
220439	CLARK	417487	220X250X15SC	TRSCM	220X250X15	22144-42040	HYUND	3771	221R	TIMKE	221PKG
220439	CLARK	455086	220X250X15TC	TRSCM	220X250X15	22144-42880	HYUND	3771	222020	NATL	20X32X7
22045	C-R	712938	221000	NEHO	471870 <sup>28</sup>	2214569	GMC	475012N	222020	TIMKE	222020
22045	SKF	712938	221000	NEHO	471883	221490	NATL	14X35X7	222025	TIMKE	222025
22048	C-R	710069	2210228	GMC	340385	2215	MID-R	471466 <sup>28</sup>	222028	TIMKE	222028
22048	SKF	710069	221040	TIMKE	221040	22150	MICH	471579	222030	TIMKE	222030
22049	C-R	710771	221042	CLARK	472432	22150	UNIVE	471579 <sup>29</sup>	222036	TIMKE	222036
22049	SKF	710771	221042	CLARK	474256	221503	CLARK	471868	222050	TIMKE	222050
2204OS	JN-MN	415001 <sup>28</sup>	221047	CLARK	472299	221510	NATL	15X25X6	222060	TIMKE	222060
2204OS	JN-MN	455001	2210611	GMC	415991	221510	TIMKE	221510	222075	NATL	20X47X7
22050	C-R	225650	2211035	WOOL	455121	221518R91	IH	472560N <sup>28</sup>	222079	PACIF	8724S
22050	SKF	225650	22113206.5	TROS	204013	221518R91	IH	50151S	2220881	GMC	6612S
2205080	CHRYS	8160S	22114405	TROS	7022S	221520	NATL	15X26X7	2220883	GMC	40140S
22053	C-R	56X80X8 <sup>28</sup>	22114407	TROS	203008	221540	NATL	15X30X7	222092	NATL	20X52X7
22053	SKF	56X80X8	221167	KEN	415656	221540	TIMKE	221540	2220RC	SUL	450519
22056	GARLK	472397 <sup>28</sup>	221192	CLARK	410316	221550	NATL	15X32X8	2220RC	SUL	471271 <sup>28</sup>
220570	CINMI	415458 <sup>28</sup>	221192	CLARK	472636 <sup>28</sup>	221551	JEFF	471765 <sup>28</sup>	22210	GARLK	473243
220570	CINMI	455003	22120	C-R	710176	221560	NATL	15X35X7	222101	HOUGH	416107 <sup>28</sup>
220570	CLARK	450291	22120	SKF	710176	22159	GARLK	473204	222101H1	IH	416107 <sup>28</sup>
220570	CLARK	471141 <sup>28</sup>	221207	TIMKE	221207	221592R91	IH	40316S	222110	HOUGH	412119 <sup>28</sup>
220571	CINMI	417355 <sup>28</sup>	221209	KEN	415001 <sup>28</sup>	2216	MID	350567	222117	HOUGH	410308 <sup>28</sup>
220631	US-EL	415034 <sup>28</sup>	221209	KEN	455001	2216	MID	471267 <sup>28</sup>	222120	HOUGH	472397 <sup>28</sup>
220631	US-EL	455034	221212	OILGR	450067	2216	MID-R	471267 <sup>28</sup>	2221481	GMC	471689 <sup>28</sup>
220705	BORGW	450430	221212	OILGR	473228	221607	TIMKE	221607	222182	CLARK	412473 <sup>28</sup>
220705	FORD	450430	22125	C-R	710108	221610	TIMKE	221610	222182	CLARK	415894
220705	WOODB	450430	22125	SKF	710108	2216104	GMC	481568 <sup>28</sup>	222183	CLARK	415004
22071	GARLK	473242	22125	UNIVE	471538 <sup>28</sup>	221620	NATL	16X30X7	222183	CLARK	417316 <sup>28</sup>
220734	BORGW	471763	2212953	GMC	474278 <sup>28</sup>	221620	TIMKE	221620	2221RC	SUL	415302
22074	US-EL	416380 <sup>28</sup>	2212953	GMC	480356	221640	NATL	16X35X7	2222	SHOV	415036
2207484	CHRYS	7886S	221344	CLARK	411376 <sup>28</sup>	22168D	IH	415072	2222	TIMKE	2222
22075	C-R	5686	22137	MICH	450025	22171	GARLK	470898	222208	ALLCH	416125 <sup>28</sup>
22075	C-R	5700	22137	MICH	471553 <sup>28</sup>	221710	TIMKE	221710	222210	NATL	22X32X7
22075	SKF	5686	22137	UNIVE	450025	22171HA	IH	417181 <sup>28</sup>	222220	NATL	22X35X7
22075	SKF	5700	22137	UNIVE	471553 <sup>28</sup>	22171X	MASSE	415960	222230	ALLCH	471765 <sup>28</sup>
220762	BORGW	471192	22138W	DIA	410308 <sup>28</sup>	22171X	MASSE	455009	2222374	GMC	417191
220762	FORD	471192	22138W	DIA	450308	221720	NATL	17X30X7	222238	TIMKE	222238
220762	WOODB	471192	221400	MECH	370066A	221720	TIMKE	221720	222240	TIMKE	222240
22076X	MASSE	471652	221410	NATL	14X24X7 <sup>28</sup>	221730	NATL	17X32X7	2222423	GMC	471267 <sup>28</sup>
2207762	BORGW	471192	221410	TIMKE	221410	221730	TIMKE	221730	22225	C-R	1984
220785	ALLCH	470062	22144	FMC	471820	22175	C-R	7568	22225	SKF	1984
220785	ALLCH	474264	22144-21000	HYUND	3771	22175	SKF	7568	2222591	GMC	415991
220816	CLARK	410085	22144-21000	KIA	3771	221760	NATL	17X40X7	2222591	GMC	455146 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
222272	BORGW	481792	222835	TIMKE	222835	2231D	GOODM	455009	223520	TIMKE	223520
222272	FORD	481792	22284	C-R	710086	2232	CARDX	450456 <sup>28</sup>	22353	C-R	471272 <sup>28</sup>
222273	FORD	471192	22284	SKF	710086	223207XX	TIMKE	22X32X7	22353	SKF	471272
22230	C-R	710072	222860	TIMKE	222860	223215	TIMKE	223215	223535	TIMKE	223535
22230	SKF	710072	2228661	MAGNA	710946	223220	TIMKE	223220	223538	CLARK	415483
222309	WOOL	415991	222867	KEN	9555S	22322VAY	TRSCM	40316S	22354	C-R	471272 <sup>28</sup>
222340	TIMKE	222340	222867	PACIF	9555S	22323	C-R	710072	22354	SKF	471272
2223597	GMC	417506	2228694	GMC	370023A	22323	SKF	710072	223540	TIMKE	223540
222375	MICH	455151	2228694	GMC	380023A	223230	TIMKE	223230	223542	TIMKE	223542
222375	UNIVE	455151	222878	OILGR	473313	223235	TIMKE	223235	223543	TIMKE	223543
222387	UNIVE	455008 <sup>29</sup>	222880	NATL	28X52X7	223240	TIMKE	223240	2235490	CHRY	415013
222388	MICH	455008	2229	NATEN	416137	22324TA	TRSCM	410316	2235490	CHRY	415995 <sup>28</sup>
222408	KEN	456305	22293	LAVIN	474276 <sup>28</sup>	22325	C-R	43034S	22354TA	TRSCM	411376 <sup>28</sup>
222408	PACIF	456305	2229540	GMC	455037	22325	SKF	43034S	22354TA	TRSCM	455093
222409	PACIF	340483	222A14704	TROS	6840S	223252	TIMKE	223252	223550	TIMKE	223550
222410	NATL	24X35X7	222A147X07.5	TROS	340469	223253	TIMKE	223253	223552	NATL	35X62X7 <sup>28</sup>
222410	TIMKE	222410	222PKG	TIMKE	222PKG	223255	TIMKE	223255	223552	TIMKE	223552
222430	TIMKE	222430	222R	TIMKE	222PKG	22325SA	TRSCM	450316	223553	TIMKE	223553
22245	C-R	1928 <sup>29</sup>	223	CHEL	471760	22327-35504	HYUND	710302	22358	C-R	410520
22245	SKF	1928	2230	NATEN	416339	22327-35504	KIA	710302	22358	C-R	471272 <sup>28,29</sup>
222455	NATL	24X47X7	2230	NATEN	455031 <sup>28</sup>	223297	NEHO	410519	22358	SKF	410520
22250	C-R	1928	223005	TIMKE	223005	223297	NEHO	471271 <sup>28</sup>	22358	SKF	471272
22250	SKF	1928	223010	TIMKE	223010	2232D	GOODM	416706 <sup>28</sup>	223580	TIMKE	223580
2225342	GMC	471442 <sup>28</sup>	223012	TIMKE	223012	2232D	GOODM	455272	22359	C-R	410520
222535	TIMKE	222535	223014	TIMKE	223014	22330	NEWPR	3459	22359	C-R	471272 <sup>28,29</sup>
222539	ALLCH	473424 <sup>28</sup>	223015	NATL	223014	22332R	DIA	450365	22359	HI-EQ	471570 <sup>28</sup>
222540	ALLCH	450078	223018	TIMKE	223018	22332R	DIA	470898 <sup>28</sup>	22359	SKF	410520
222540	ALLCH	473444	223020	NATL	30X47X7	22333	GMC	417536	22359	SKF	471272
222540	TIMKE	222540	223020	TIMKE	223020	22333TB	TRSCM	412920 <sup>28</sup>	223601	TIMKE	223601
22254007	ALLCH	450078	22302TA	TRSCM	471272 <sup>28</sup>	22333TBN	TRSCM	412920 <sup>28</sup>	223602	TIMKE	223602
22254007	ALLCH	473444	22302VHY	TRSCM	40520S	22333VB	TRSCM	442109	223605	TIMKE	223605
222541	NATL	222540	22303	GARLK	471272 <sup>28</sup>	223340	TIMKE	223340	223607XX	TIMKE	22X36X7
222558	TIMKE	222558	223035	TIMKE	223035	22334SA	TRSCM	450132	223608	TIMKE	223608
222560	NATL	25X47X7	22303VTB	TRSCM	712250	22334TA	TRSCM	412920 <sup>28</sup>	22361	C-R	712250
222570	NATL	25X52X7 <sup>28</sup>	223042H1	IH	410085N	223354TA	TRSCM	450099	22361	SKF	712250
222571	CLARK	471413 <sup>28</sup>	22304TA	TRSCM	410520	22336	C-R	450441	223613	CLARK	471267 <sup>28</sup>
2226149	CHRY	323138 <sup>28</sup>	223050	TIMKE	223050	22336	C-R	471341	2236217	GMC	7840S
22261VB	TRSCM	341022	223051	TIMKE	223051	22336	SKF	450441	2236257	GMC	475003N
222630	TIMKE	222630	22306	C-R	341022	22336	SKF	471341	22363	C-R	712250
2226530	GMC	415351 <sup>28</sup>	22306	FMC	472150	22338	C-R	450441	22363	SKF	712250
2226549	GMC	415995 <sup>28</sup>	22306	SKF	341022	22338	SKF	450441	22368	C-R	40520S
2226549	GMC	455013	223065	NATL	30X62X7	2234	ALLCH	471570 <sup>28</sup>	22368	C-R	710638
222655	TIMKE	222655	223086	CLARK	416380 <sup>28</sup>	22340	C-R	471341 <sup>28</sup>	22368	SKF	40520S
2226696	GMC	415458 <sup>28</sup>	2230B	GOODM	417316 <sup>28</sup>	22340	C-R	471341N	22368	SKF	710638
2226696	GMC	455003	2230B	GOODM	455004	22340	SKF	471341	2236978	GMC	7412S
222714	ALLCH	470950 <sup>28</sup>	2230C	GOODM	417316 <sup>28</sup>	22340	SKF	471341N	223707XX	TIMKE	22X37X7
222714	ALLCH	6241S	2230C	GOODM	455004	223400	TIMKE	223400	223708A	HARWA	22X37X7 <sup>28</sup>
2227339	GMC	411376 <sup>28</sup>	2230D	GOODM	417316 <sup>28</sup>	22341	GARLK	412920 <sup>28</sup>	223725	KEN	415371
2227339	GMC	455093	2230D	GOODM	455004	223420	TIMKE	223420	223750	TIMKE	223750
222742	TIMKE	222742	2231	CARDX	473463	2234377	GMC	370012A	223800	TIMKE	223800
222743	TIMKE	222743	2231056	GMC	471689 <sup>28</sup>	2234378	GMC	370012A	223801	TIMKE	223801
222745	TIMKE	222745	2231071	GMC	472636 <sup>28</sup>	2234866	CHRY	415004	223802	TIMKE	223802
222768	CLARK	415991 <sup>28</sup>	22311	C-R	722109	2234866	CHRY	417316 <sup>28</sup>	223805	TIMKE	223805
222768	CLARK	415991N	22311	SKF	722109	2234D	GOODM	416282	223807XX	TIMKE	22X38X7
2227716	CHRY	474276 <sup>28</sup>	22313TB	TRSCM	471138 <sup>28</sup>	2235018	GMC	5778	223808XX	TIMKE	22X38X8
222820	TIMKE	222820	2231431	GMC	5872S	223507XX	TIMKE	22X35X7	22382	C-R	473473
222828	CLARK	455018	22317	GARLK	471138 <sup>28</sup>	2235082	GMC	416888 <sup>28</sup>	22382	SKF	473473
222828	CLARK	476470	223184PTB	TRSCM	470737	223510	TIMKE	223510	223820	NATL	1174
22282VH	TRSCM	43034S	223184PTB	TRSCM	470737N	2235140	CHRY	450400	223830	TIMKE	223830
222830	TIMKE	222830	2231D	GOODM	415960 <sup>28</sup>	223520	NATL	35X50X8 <sup>28</sup>	223831	TIMKE	223831

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
223832	NATL	223830	22412808	TROS	473225 <sup>28</sup>	22440	SKF	472636	2247117	BMW	716484
223832	NATL	38X55X7 <sup>28</sup>	22413204	TROS	470380 <sup>28</sup>	224400	UNIVE	416706 <sup>28</sup>	224772	CINMI	417604
22384	HI-EQ	471413 <sup>28</sup>	22413206.25	TROS	470380 <sup>28</sup>	224400	UNIVE	455272	224777	ALLCH	240151
223840	TIMKE	223840	22413208	TROS	470380 <sup>28</sup>	22440MA	IH	470045	224779	ALLCH	470950 <sup>28</sup>
223842	TIMKE	223842	22413209	TROS	470380 <sup>28</sup>	22440MA	IH	476838 <sup>28</sup>	224779	ALLCH	6241S
223843	TIMKE	223843	22413212	TROS	410059	22441	C-R	472636 <sup>28</sup>	22477908	ALLCH	470950 <sup>28</sup>
2238543	GMC	5408	22413212	TROS	470380 <sup>28</sup>	22441	NEWPR	710645	22477908	ALLCH	6241S
22388	LAVIN	473426	22413604	TROS	40438S	22441	SKF	472636	224810	ALLCH	471192
223880C1	CASE	472843	22413606.5	TROS	472299	224425	UNIVE	416282	224810	TIMKE	224810
2238860	CHRY	415086N	22413608	TROS	472299	22443	TMTR	473232 <sup>28</sup>	2248112	GMC	6863S <sup>28</sup>
2238860	CHRY	417487 <sup>28</sup>	22414004	TROS	473231 <sup>28</sup>	224450	TIMKE	224450	224815	TIMKE	224815
2238860	GMC	415086N	22414008	TROS	470358	22446	C-R	450316	224820	NATL	1188
2238860	GMC	417487 <sup>28</sup>	22414008	TROS	473231	22446	C-R	472636 <sup>28,29</sup>	224820	TIMKE	224820
22389	LAVIN	470351	22414404	TROS	473233 <sup>28</sup>	22446	GARLK	413247 <sup>28</sup>	22483	C-R	44052
22389	LAVIN	471504 <sup>28</sup>	22414408	TROS	473233 <sup>28</sup>	22446	SKF	450316	22483	SKF	44052
2238916	GMC	410085	22414807	TROS	7486S	22446	SKF	472636	224830	NATL	224820
2238916	GMC	470530 <sup>28</sup>	22415	C-R	3095	224460	TIMKE	224460	224835	TIMKE	224840
2238917	GMC	410183N	22415	SKF	3095	224462	TIMKE	224462	22484	C-R	454136N
22390	C-R	473473	224156	CINMI	415076	224464	TIMKE	224464	22484	SKF	454136N
22390	SKF	473473	22415HA	IH	411253 <sup>28</sup>	224465	TIMKE	224465	224840	TIMKE	224840
22391	C-R	7937N	22415HA	IH	450099	22448	C-R	410316	224850	NATL	48X72X7 <sup>28</sup>
22391	SKF	7937N	22416	C-R	710718	22448	C-R	472636 <sup>28,29</sup>	224870	TIMKE	224870
2239124	CHRY	475012N	22416	SKF	710718	22448	SKF	410316	224872	TIMKE	224872
22392	C-R	473473 <sup>29</sup>	2241RC	SUL	470682	22448	SKF	472636	224874	TIMKE	224874
22392	SKF	473473	224200S	TIMKE	710935	224507XX	TIMKE	22X45X7	224914	ALLCH	240356
22393	WOOL	417159	224205	TIMKE	224205	224510	TIMKE	224510	22492	C-R	411253 <sup>28</sup>
22394	C-R	7937N	224207XX	TIMKE	22X42X7	22452	NEWPR	710668	22492	SKF	411253
22394	SKF	7937N	224210	TIMKE	224210	224520	TIMKE	224520	22493	C-R	411253 <sup>28</sup>
223PKG	TIMKE	223PKG	224210XX	TIMKE	22X42X10	224530	NATL	1012N	22493	SKF	411253
223R	TIMKE	223PKG	224215	TIMKE	224215	22454	C-R	1932	22494	ALLCH	240356
22400	C-R	471138 <sup>28</sup>	22422	GARLK	470565 <sup>28</sup>	22454	SKF	1932	2249532	BMW	716484
22400	SKF	471138	224235	TIMKE	224235	224558	ALLCH	471442 <sup>28</sup>	224955	ALLCH	240414
224007XX	TIMKE	22X40X7	22424	C-R	410737 <sup>28</sup>	22455806	ALLCH	471442 <sup>28</sup>	224979	TIMKE	224979
22400PTB	TRSCM	722500	22424	SKF	410737	224570	TIMKE	224570	224A13208	TROS	470380 <sup>28</sup>
224010	TIMKE	224010	22425	C-R	3095	224583	JEFF	415034 <sup>28</sup>	224A13208	TROS	472189A <sup>28</sup>
224015	TIMKE	224015	22425	C-R	470737N	224583	JEFF	455034	224A132X12	TROS	9613S
224020	TIMKE	224020	22425	SKF	3095	22459	US-EL	470351	224B12406	TROS	9568
224025	TIMKE	224025	22425	SKF	470737N	22459	US-EL	471504 <sup>28</sup>	224B13606.5	TROS	472299
224026	TIMKE	224026	224250	TIMKE	224250	22461	GARLK	416271 <sup>28</sup>	224PKG	TIMKE	224PKG
2240314	GMC	475380N	224255	TIMKE	224255	2246311	SPICE	450083	224R	TIMKE	224PKG
22404	LAVIN	471733	224266	TIMKE	224266	2246311	SPICE	472924 <sup>28</sup>	225005	TIMKE	225005
224040	TIMKE	224040	224270	TIMKE	224270	2246312	SPICE	473473	225008XX	TIMKE	22X50X8
224045	TIMKE	224045	22430	C-R	200763 <sup>29</sup>	2246313	SPICE	472015 <sup>28</sup>	225010	NATL	1209
224052	TIMKE	224052	22430	SKF	200763	2246314	SPICE	472012	225010	TIMKE	225010
224053	TIMKE	224053	2243081	GMC	416130 <sup>28</sup>	224637	SPICE	411253 <sup>28</sup>	225019	MIHLE	416476 <sup>28</sup>
224063	TIMKE	224063	22431	CLARK	330385 <sup>28</sup>	224637	SPICE	450099	225019	MIHLE	455075
224066	TIMKE	224066	22434	GARLK	413246	224638	CLARK	410308 <sup>28</sup>	225019R	MERIX	416476 <sup>28</sup>
224068	TIMKE	224068	22434	GARLK	413246N	224642	ALLCH	470027	225019R	MERIX	455075
22407	C-R	471138	224348	US-EL	472185 <sup>28</sup>	224642	ALLCH	471554 <sup>28</sup>	225019R	ROCKW	416476 <sup>28</sup>
22407	SKF	471138	224362	MICH	415984 <sup>28</sup>	224644	ALLCH	470120	225019R	ROCKW	455075
22409	LAVIN	474278 <sup>28</sup>	224362	UNIVE	415984 <sup>28</sup>	224644	ALLCH	471224 <sup>28</sup>	225020	MIHLE	455576 <sup>28</sup>
22409	LAVIN	480356	224375	MICH	417316 <sup>28</sup>	224650	TIMKE	224650	225020	TIMKE	225020
2240929	GMC	471765 <sup>28</sup>	224375	MICH	455004	2246580	GMC	5408	225020R	MERIX	455576 <sup>28</sup>
2241	FED	450332	224375	UNIVE	417316 <sup>28</sup>	224660	TIMKE	224660	225020R	ROCKW	455576 <sup>28</sup>
224100	TIMKE	224100	224375	UNIVE	455004	224663	TIMKE	224663	225030	TIMKE	225030
2241142	GMC	240731	224387	UNIVE	415960 <sup>28</sup>	22468	C-R	40316S	225040	TIMKE	225040
2241143	GMC	240736	224387	UNIVE	455009	22468	SKF	40316S	225050	NATL	50X80X8
22412404	TROS	473215 <sup>28</sup>	224388	MICH	415960 <sup>28</sup>	224687	ALLCH	473424 <sup>28</sup>	225050	TIMKE	225050
22412408	TROS	473215 <sup>28</sup>	224388	MICH	455009	22469	C-R	57X85X13	22505150	GMC	8660S
22412411.25	TROS	473215 <sup>28</sup>	22440	C-R	472636 <sup>28</sup>	22469	SKF	57X85X13	2250534	GMC	471103 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2250534	GMC	50197S	22545259	GMC	40375	22587	C-R	5521	22626	C-R	415259 <sup>28,29</sup>
2250582	GMC	410101N	22545260	GMC	320259	22587	SKF	5521	22626	SKF	415259
22506073001	BMW	710849	225477	CLARK	471267 <sup>28</sup>	225872	NATL	58X72X8	226285	TIMKE	226285
22507	NEWPR	710496	22548	GARLK	470605 <sup>28</sup>	2258746	GMC	415138 <sup>28</sup>	22630X	MASSE	450068
225082	TIMKE	225082	22550	C-R	442109	225875	TIMKE	225875	22632	GARLK	415483
225110	TIMKE	225110	22550	SKF	442109	225880	NATL	58X80X8	2263635	GMC	417181 <sup>28</sup>
225111	CLARK	415458 <sup>28</sup>	225500	TIMKE	225500	225885	TIMKE	225885	2263701	GMC	417210 <sup>28</sup>
225112	CLARK	470169	225502	HYST	473228 <sup>28</sup>	2258893	GMC	370005A	2263712	GMC	416271 <sup>28</sup>
225112	CLARK	473214 <sup>28</sup>	22551	GARLK	415449 <sup>28</sup>	2258907	GMC	370005A	226375	MICH	455005
225112	GOODM	470169	225530	NATL	55X72X8 <sup>28</sup>	2259040	GMC	415058	226375	UNIVE	455005
225112	GOODM	473214	225530	TIMKE	225530	225909	CLARK	415272N	226387	UNIVE	417485 <sup>29</sup>
225114	GWI	473016 <sup>28</sup>	225535	TIMKE	225535	225928	CINMI	450069	226388	MICH	417485
22511514	GMC	8660S	225545	TIMKE	225545	225928	CINMI	473232	226400	MECH	370066A
225117	CINMI	417344 <sup>28</sup>	225550	NATL	55X80X8	225929	CLARK	471224 <sup>28</sup>	226400	UNIVE	475384 <sup>29</sup>
225117	CINMI	455006	22557	GARLK	415449 <sup>28</sup>	225940	CINMI	470120	2264.03	PEUGE	223800
225119	ALLCH	472354 <sup>28</sup>	22558	C-R	412920 <sup>28</sup>	225940	CINMI	471224 <sup>28</sup>	2264.06	PEUGE	6712NA
225119	ALLCH	50395S	22558	SKF	412920	2259540	GMC	455037	2264.08	PEUGE	224052
225124	CLARK	450400	22561	C-R	412920V	225957	CLARK	473010N	2264272	GMC	473447
225161	CLARK	415991 <sup>28</sup>	22561	SKF	412920V	2259657	GMC	370009A	2264274	GMC	415003
225161	CLARK	415991N	225615	SPERY	473237 <sup>28</sup>	2259657	GMC	380009A	2264274	GMC	415458 <sup>28</sup>
225177	CLARK	475003N	2256492	GMC	370002A	2259662	GMC	370019A	2264287	GMC	470565 <sup>28</sup>
22518	CABOT	471801 <sup>28</sup>	2256495	GMC	370002A	2259713	GMC	370002A	22644	C-R	55337 <sup>29</sup>
22518	GOODM	471801 <sup>28</sup>	22565	C-R	41075S	2259995	GMC	416271 <sup>28</sup>	22644	GARLK	415458 <sup>28</sup>
22518	GR-DV	471801 <sup>28</sup>	22565	SKF	41075S	225PKG	TIMKE	225PKG	22644	SKF	55337
225193	PACIF	416892 <sup>28</sup>	225650	TIMKE	225650	225R	TIMKE	225PKG	22647	C-R	415254 <sup>29</sup>
2251OS	JN-MN	417247 <sup>28,29</sup>	225673	TIMKE	225673	2260	TIMKE	2260	22647	SKF	415254
225210	TIMKE	225210	225678	TIMKE	225678	226017	CLARK	417474	226510	TIMKE	226510
225220	TIMKE	225220	225685	CLARK	450400	226018	TIMKE	226018	226515	FMS	65X80X8
225225	TIMKE	225225	22569	GARLK	416273	226020	TIMKE	226020	226520	TIMKE	226520
225227	NATL	225650	22569X	SPICE	340151	226040	NATL	60X85X8	22653	C-R	722250
225230	TIMKE	225230	2257151	GMC	417353 <sup>28</sup>	22604X	MASSE	450400	22653	SKF	722250
22525	C-R	481191V	225727	CLARK	470163	226055	CLARK	471689 <sup>28</sup>	226530	TIMKE	226530
22525	SKF	481191V	225727	CLARK	471766 <sup>28</sup>	226056	CLARK	471442V	226550	NATL	65X100X10
225275	TIMKE	225275	225731	CINMI	416011	22605X	MASSE	416404 <sup>28</sup>	22656	GARLK	417343 <sup>28</sup>
225281C91	IH	417349 <sup>28</sup>	225731	CINMI	417621 <sup>28</sup>	226072	CLARK	410694 <sup>28</sup>	2265811	CHRYS	8133S
22529188	GMC	40375	225732	CINMI	415187	2260834	CHRYS	8121S	2265D	GOODM	474277
2253	UNIVE	450301	225733	CINMI	470059	226099	CLARK	410496 <sup>28</sup>	226610	TIMKE	226610
2253	UNIVE	472397 <sup>28</sup>	225733	CINMI	470380 <sup>28</sup>	2261	TIMKE	325776	226620	ALLCH	6759S
22531277	GMC	320259	225736	CASE	471554 <sup>28</sup>	226101	CLARK	472705 <sup>28</sup>	2266378	CHRYS	8121S
225316	CLARK	472164 <sup>28</sup>	225737	CINMI	470219	226127	CLARK	471870 <sup>28</sup>	226672	OILGR	450457
22531F	DIA	417484N	225737	CINMI	471649 <sup>28</sup>	226127	CLARK	471883	226673	OILGR	50528
22531F	DIA	455322	225767	ALLCH	450078	226128	CLARK	470403	2266839	CHRYS	6960
22532	C-R	412920 <sup>28</sup>	225767	ALLCH	473444	226128	CLARK	470774 <sup>28</sup>	2266894	CHRYS	8597S
22532	SKF	412920	225775	TIMKE	4899	22613708.25	TROS	450666	2267129	CHRYS	7188S
22533550	GMC	710329	2258	MID	350394	226137X08	TROS	450666	2267156	CHRYS	7214
225349	CLARK	450441	2258	MID	473227	22614	C-R	3095	2267583	GMC	417596
225349	CLARK	471341 <sup>28</sup>	2258	MID-R	473227	22614	SKF	3095	2267915	GMC	350435
22536	GARLK	471271 <sup>28</sup>	225806	ALLCH	42260S	226147	ALLCH	415995 <sup>28</sup>	22679M	IH	470062
2253622	GMC	472015 <sup>28</sup>	22582	C-R	411376 <sup>28</sup>	226147	ALLCH	455013	22679M	IH	474264
225400	MECH	370054A	22582	SKF	411376	226150	TIMKE	226150	2268	GOODM	471466 <sup>28</sup>
225409	CINMI	470027	225826	CLARK	475380N	22617	GARLK	413248	22680M	IH	450043
225409	CINMI	471554 <sup>28</sup>	2258269	GMC	417541	22618	C-R	415234 <sup>28,29</sup>	22680M	IH	473419
225410	TIMKE	225410	22583	C-R	411376 <sup>28</sup>	22618	SKF	415234	22683	GARLK	416664 <sup>28</sup>
225419	CINMI	450082	22583	SKF	411376	22619	C-R	415234 <sup>28,29</sup>	226830	NATL	68X90X10
225419	CINMI	473238	225834R91	IH	474278 <sup>28</sup>	22619	SKF	415234	226850	NATL	68X100X13
225450	ALLCH	450444	225834R91	IH	480356	2262.07	PEUGE	224052	2268RC	SUL	471466 <sup>28</sup>
225450	ALLCH	471835 <sup>28</sup>	225835R91	IH	474278 <sup>28</sup>	22623	MASSE	471763	2269	NATEN	416229
225450	CLARK	450444	225835R91	IH	480356	22623X	MASSE	471763	226938R91	IH	7866S
225450	CLARK	471835 <sup>28</sup>	225844	ALLCH	450984	22625	C-R	475234N	226940	CLARK	410101N
225450	TIMKE	225450	225856	CLARK	471281 <sup>28</sup>	22625	SKF	475234N	22698	GARLK	415984 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
226A14703	TROS	8705S	2278189	GMC	415147	22814014.5	TROS	473367	228400	UNIVE	455011
226A15403.75	TROS	291295	2278189	GMC	415449 <sup>28</sup>	22814405	TROS	473445	22841	C-R	225875
226A15603.75	TROS	7934S	22782	GARLK	417344 <sup>28</sup>	22814407.5	TROS	473445	22841	SKF	225875
226B15604	TROS	353120	227841	ALLCH	471570 <sup>28</sup>	22814804	TROS	43071S	228410	TIMKE	228410
226PKG	TIMKE	226PKG	22785	CHERY	416444	22814804.5	TROS	470351	228411	TIMKE	228411
226R	TIMKE	226PKG	227850	ALLCH	410059	22814806	TROS	470351	228412	UNIVE	417134
227006R91	IH	471413 <sup>28</sup>	227850	ALLCH	470380 <sup>28</sup>	22814806	TROS	471504 <sup>28</sup>	228413	MICH	417134
227020	TIMKE	227020	2278653	GMC	340400	22814807.5	TROS	470351	2284159	GMC	6638S
227040	TIMKE	227040	22789	CHERY	450067	22814807.5	TROS	471504 <sup>28</sup>	22842	C-R	710271
227045	TIMKE	227045	22789	CHERY	473228	22815	C-R	58X72X8 <sup>28</sup>	22842	SKF	710271
227060	NATL	70X100X13	2279	NATL	3894V	22816	C-R	58X72X8 <sup>28</sup>	22845	C-R	710144
22710	GARLK	417316 <sup>28</sup>	22791	CHERY	473016 <sup>28</sup>	22816	SKF	58X72X8	22845	SKF	710144
227114R91	IH	418028	22791	GARLK	417158 <sup>28</sup>	22818	BR-WN	415294 <sup>28</sup>	228480	TIMKE	228480
227114R91	IH	455137 <sup>28</sup>	22791X	MASSE	417158 <sup>28</sup>	22818	BR-WN	455294	2284OS	JN-MN	416404 <sup>28,29</sup>
22714907.5	TROS	6936S	22791X	MASSE	455355	22818	C-R	58X72X8	228500	FMS	716102
227160075	TROS	470409 <sup>28</sup>	2279997	CHRY5	8773S	22818	SKF	58X72X8	228520	NATL	85X110X12
227178	CINMI	470712 <sup>28</sup>	227PKG	TIMKE	227PKG	22819	BR-WN	450400	228520	TIMKE	228520
2271832	GMC	474278 <sup>28</sup>	227R	TIMKE	227PKG	228192	ALLCH	473435	228540	NATL	85X120X12
2271832	GMC	480356	228005	TIMKE	228005	228.206	ELRNG	710681	228547	CLARK	471268N
227189	CINMI	417316 <sup>28</sup>	228008	TIMKE	228008	2282068	GMC	471192	2285OS	JN-MN	415001 <sup>28</sup>
227189	CINMI	455004	228009	TIMKE	228009	22821	C-R	710183	2285OS	JN-MN	455001
22719	GARLK	415960	228010	TIMKE	228010	22821	SKF	710183	2286	TIMKE	2286
227221	CINMI	415047	228012	FMS	80X100X10 <sup>28</sup>	22822	C-R	225875 <sup>29</sup>	2286162	GMC	350954
227235	TIMKE	227235	228015	TIMKE	228015	22822	SKF	225875	2286162	GMC	470954 <sup>28</sup>
227272R91	IH	415147	228020	ALLCH	411376 <sup>28</sup>	2282265	GMC	415483	2286171	GMC	416167 <sup>28</sup>
227272R91	IH	415449 <sup>28</sup>	228020	ALLCH	455093	22823	C-R	225885	2286171	GMC	455091
227338R91	IH	100495	228020	TIMKE	228020	22823	SKF	225885	22866	C-R	58X85X13
227338R91	IH	415281N	22808	C-R	710439	22823-61A01	SUZUK	6712NA	22866	SKF	58X85X13
22734X	MASSE	473225 <sup>28</sup>	22808	SKF	710439	22824	C-R	225875	2286911	GMC	470163
227355	MASER	710780	22808	VICK	416167 <sup>28</sup>	22824	SKF	225875	2286911	GMC	471766 <sup>28</sup>
227360	MASER	710671	22810	VICK	455091	228247	ALLCH	340724 <sup>28</sup>	2286OS	JN-MN	415035 <sup>28</sup>
227374	MASER	224510	22810807.5	TROS	450332	228250	TIMKE	228250	2286OS	JN-MN	455035
227400	MECH	370066A	22810X	MASSE	340356	22826X	MASSE	470548	2287	TIMKE	2287
227409	TIMKE	227409	22811	VICK	415991	22826X	MASSE	470625 <sup>28</sup>	22870	C-R	204035
22742	C-R	39821	22811	VICK	455146 <sup>28</sup>	228277	ALLCH	472432	22870	SKF	204035
22742	SKF	39821	22811207.5	TROS	470347	228277	ALLCH	474256	228700	TIMKE	228700
22745	GMC	470712 <sup>28</sup>	22811207.5	TROS	474254	22827X	MASSE	470059	22878	C-R	710268
22746X	MASSE	415007	22812	GARLK	416921 <sup>28</sup>	22827X	MASSE	470380 <sup>28</sup>	22878	SKF	710268
2274887	GMC	470565 <sup>28</sup>	22812	HI-EQ	472164 <sup>28</sup>	228313KB	TRSCM	493291	22881-54J10	SUZUK	223830
2274890	GMC	410737 <sup>28</sup>	22812	TROS	470950 <sup>28</sup>	22835	C-R	493291	22881-60G10	SUZUK	710524
2274890	GMC	450737	22812404	TROS	6241S	22835	SKF	493291	22881-60G10-000	SUZUK	710524
227530	TIMKE	227530	22812404	TROS	6241S	22835X	MASSE	417158 <sup>28</sup>	22881-60G11	SUZUK	223830
2275322	ALLCH	6863S <sup>28</sup>	22812404.75	TROS	470950 <sup>28</sup>	22835X	MASSE	455355	22881-79C10	SUZUK	223830
2275398	GMC	6584S	22812407.5	TROS	6241S	22836X	MASSE	50081	22881-82300	SUZUK	223831
227540	TIMKE	227540	22812407.5	TROS	470950 <sup>28</sup>	228375	MICH	417344 <sup>28</sup>	22881-86Z00	SUZUK	224010
227550	TIMKE	227550	22812409	TROS	6241S	228375	MICH	455006	22885-R91	IH	370007A
2275550	VICK	6584S	22812409	TROS	470062	228375	UNIVE	417344 <sup>28</sup>	22885R91	NAVST	370007A
227572	ALLCH	5128N	22812807.5	TROS	474264	228375	UNIVE	455006	22892	LAU	6863S <sup>28</sup>
22761722	GMC	710648	22813204	TROS	7886S	228375SLT	MICH	417344 <sup>28</sup>	2289513	GMC	6612S
22761722	SAAB	710648	22813207.5	TROS	471820	22837X	MASSE	415007	228A10004	TROS	321516
2276335	GMC	410085	22813207.5	TROS	471820	228385	CLARK	475368N	228A10004	TROS	471516 <sup>28</sup>
2276335	GMC	470530 <sup>28</sup>	22813604	TROS	471821 <sup>28</sup>	228387	UNIVE	417158 <sup>28</sup>	228A10005	TROS	321516
227677	ALLCH	414268 <sup>28</sup>	22813607.5	TROS	470064	228387	UNIVE	455355	228A10005	TROS	471516 <sup>28</sup>
227677	ALLCH	450539	22813607.5	TROS	471821 <sup>28</sup>	2283872	GMC	5403	228A10807.5	TROS	472681
2276796	GMC	470358	22813807.5	TROS	473232 <sup>28</sup>	228388	MICH	416404 <sup>28</sup>	228A10807.5	TROS	473259
2276796	GMC	473231	22814007	TROS	450066	22840	C-R	710136	228A11605	TROS	471407
2276798	GMC	350823	22814007	TROS	473367 <sup>28</sup>	22840	SKF	710136	228A12404	TROS	471276
2276798	GMC	473454	22814007.5	TROS	450066	228400	MICH	416921 <sup>28</sup>	228A12407.5	TROS	471276
22767D	IH	450040	22814007.5	TROS	473367 <sup>28</sup>	228400	MICH	455011	228A13204	TROS	471344
22770	GARLK	415303 <sup>28</sup>	22814014.5	TROS	471419	228400	UNIVE	416921 <sup>28</sup>	228A13207.5	TROS	471344

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
228A13209	TROS	471344	2297V	TIMKE	2297V	22Y618	GW	470059	23061	C-R	472150
228A13215.5	TROS	471344	2298288	GMC	5313	22Y618	GW	470380 <sup>2B</sup>	23061	SKF	472150
228A13604	TROS	471827 <sup>2B</sup>	229859	CLARK	472082	22Y618	KEN	470059	230630	ACF	470169
228A13608	TROS	8160S	2299	UNIVE	471192	22Y618	KEN	470380 <sup>2B</sup>	230630	ACF	473214 <sup>2B</sup>
228A13608X	TROS	8160S	229967	ALLCH	410059	22Y815	GW	415001 <sup>2B</sup>	230689	ACF	470169
228A136X12.5	TROS	471827 <sup>2B</sup>	229967	ALLCH	470380 <sup>2B</sup>	22Y815	GW	455001	230689	ACF	473214 <sup>2B</sup>
228A14010	TROS	471829	229985	CLARK	450519	23	WGEAR	471646 <sup>2B</sup>	230747	BENDI	471689 <sup>2B</sup>
228A14012.5	TROS	471829	229985	CLARK	471271 <sup>2B</sup>	2300	TIMKE	2300	230747	GMC	471689 <sup>2B</sup>
228A14804	TROS	471831 <sup>2B</sup>	229985	IH	450519	23000	C-R	710902	2307OS	JN-MN	415064
228A14806	TROS	1012N	229985	IH	471271 <sup>2B</sup>	23000	FUNK	450117	230851	ALLCH	471765 <sup>2B</sup>
228A14807.5	TROS	470351	229995R91	IH	240731	23000	FUNK	472572 <sup>2B</sup>	230874R91	IH	7600S
228A14807.5	TROS	471504 <sup>2B</sup>	229PKG	TIMKE	229PKG	23000	SKF	710902	23093	C-R	411394 <sup>2B</sup>
228B14014	TROS	471829	229R	TIMKE	229PKG	23-00-7-509-734	BMW	710816	23093	SKF	411394
228B15804	TROS	8704S	22A2094	HEIL	415483 <sup>2B</sup>	2300768	EATON	472164 <sup>2B</sup>	230947	SPICE	J1124
228PKG	TIMKE	228PKG	22A2094	HEIL	455368	23009	GARLK	417349 <sup>2B</sup>	230947	VIC	J1124
228R	TIMKE	228PKG	22A2291	HEIL	417538	230106	FWD	370001A	2309480	GMC	417484N
229	MERIX	370003A	22A2291	OLIVE	417538	230106	FWD	380001A	2309480	GMC	475322N
229	MERIX	380003A	22A2383	HEIL	471267 <sup>2B</sup>	23010610	GMC	340847	23095	CLARK	415248N
229	ROCKW	370003A	22A2385	HEIL	474278 <sup>2B</sup>	23013719	GMC	473367	230954	CLARK	415248N
229	ROCKW	380003A	22A2385	HEIL	480356	23014004.75	TROS	6283S	230D4	WHITE	472144 <sup>2B</sup>
229004	TIMKE	229004	22A2450	HEIL	416865 <sup>2B</sup>	23015975	GMC	6712NA	230PKG	TIMKE	230PKG
229005	TIMKE	229005	22A2450	HEIL	455070	23016643	ALLIS	710180	230R	TIMKE	230PKG
229010	TIMKE	229010	22-CT115	OSHKO	417254	23016947	GMC	487397V	230X260X15	FORSH	230X260X15
229030	NATL	90X120X12	22HS376	OSHKO	417210 <sup>2B</sup>	23-01-7-837-412	BMW	473677	230X260X15	SIMRT	230X260X15
2291	TIMKE	2291	22X025015XX	TIMKE	220X250X15	23018	GARLK	417350 <sup>2B</sup>	230X260X15	TIMKE	230X260X15
229108	ALLCH	471958	22X25261A	JOHND	473474	2301820	GMC	416888 <sup>2B</sup>	230X260X15SC	TRSCM	230X260X15
22918	VICK	350954	22X25561A	JOHND	472658	230183	MARMO	410183N	230X260X15TC	TRSCM	230X260X15
22918	VICK	470954 <sup>2B</sup>	22X25561A	JOHND	473197	23018538	GMC	415073V	231003	NATL	100X125X12
229210	TIMKE	229210	22X32X7	TIMKE	22X32X7	230186	FWD	370001A	231003	TIMKE	231003
229229	ALLCH	470625 <sup>2B</sup>	22X32X7SC	TRSCM	22X32X7 <sup>2B</sup>	230186	FWD	380001A	231004	TIMKE	231004
229285R11	IH	5MR1009	22X32X7TC	TRSCM	22X32X7	2302139	GMC	416167 <sup>2B</sup>	231005	FMS	
229313VHY	TRSCM	204035	22X35X7	TIMKE	22X35X7	2302139	GMC	455091	100X130X12 <sup>2B</sup>		
229351	ALLCH	450121	22X35X7SB	TRSCM	22X35X7	23026015A	HARWA	230X260X15	23104	GARLK	416011
229351	ALLCH	472409 <sup>2B</sup>	22X35X7SC	TRSCM	22X35X7	23033	CASE	472258 <sup>2B</sup>	23104	GARLK	417621 <sup>2B</sup>
22935647	GMC	710926	22X35X7TC	TRSCM	22X35X7	23033	GARLK	415836	231052	SPICE	J1128
229367	CLARK	472164 <sup>2B</sup>	22X36X7	TIMKE	22X36X7	23033	GARLK	415995 <sup>2B</sup>	231052	VIC	J1128
229367	CLARK	472164V	22X36X7SC	TRSCM	22X36X7	23035	C-R	442874	231053	NATL	105X130X12
229367	CLARK	482164N	22X36X7TC	TRSCM	22X36X7	23035	SKF	442874	231058	NATL	105X140X12
229372	ALLCH	471255 <sup>2B</sup>	22X37X7	TIMKE	22X37X7	230387	UNIVE	417159 <sup>29</sup>	231074	ALLCH	471652
2293807	GMC	471787 <sup>2B</sup>	22X37X7SC	TRSCM	22X37X7	23040	C-R	411160V	2311035	WOOL	450365
2293979	GMC	456618	22X37X7TC	TRSCM	22X37X7	23040	KNICK	5751	2311035	WOOL	470898 <sup>2B</sup>
229436	HR-DV	450070	22X38X7	TIMKE	22X38X7	23040	SKF	411160V	231104	NATL	110X130X12
229436	HR-DV	472185 <sup>2B</sup>	22X38X8	TIMKE	22X38X8	230400	MICH	416654 <sup>2B</sup>	23111	ALLCH	415995 <sup>2B</sup>
229510	NATL	95X120X12	22X38X8SC	TRSCM	22X38X8	230400	MICH	455012	23111	ALLCH	455013
22952051	GMC	710864	22X38X8TC	TRSCM	22X38X8	230400	UNIVE	416654 <sup>2B</sup>	23-11-1-020-500	BMW	710310 <sup>29</sup>
229522	TIMKE	229522	22X40X7	TIMKE	22X40X7	230400	UNIVE	455012	23111030540	BMW	222540
2295935	GMC	415064	22X40X7SC	TRSCM	22X40X7	230412	UNIVE	417486	23111204223	BMW	710714
2295936	GMC	370021A	22X40X7TC	TRSCM	22X40X7	23041246	GMC	415073V	23-11-1-224-799	BMW	224052
22964	PERSN	471766 <sup>2B</sup>	22X42X10	TIMKE	22X42X10	230413	MICH	417486	23111224801	BMW	710714
2296526	GMC	471787 <sup>2B</sup>	22X42X10SC	TRSCM	22X42X10	23042	GARLK	417351 <sup>2B</sup>	23111224939	BMW	710714
22966	VICK	450121	22X42X10TC	TRSCM	22X42X10	230425	BENDI	471795	23111228314	BMW	223010
22966	VICK	472409 <sup>2B</sup>	22X42X7	TIMKE	22X42X7	23044H	IH	473463	23-11-1-426-063	BMW	710909
22967	VICK	416865 <sup>2B</sup>	22X42X7SC	TRSCM	22X42X7	23045096	GMC	471224V	231152	NATL	115X140X12
22967	VICK	455070	22X42X7TC	TRSCM	22X42X7	230462R91	IH	417316 <sup>2B</sup>	231154	NATL	115X150X12
2296767	GMC	471529	22X45X7	SIMRT	22X45X7	230462R91	IH	455004	2311550	GMC	471466 <sup>2B</sup>
22969	VICK	39302	22X45X7	TIMKE	22X45X7	23046430	GMC	415073V	23116	GARLK	416288 <sup>2B</sup>
2297	NATL	39807	22X45X7SC	TRSCM	22X45X7	23049496	GMC	4528N	23-11-7-501-327	BMW	710909
229725	ALLCH	470680	22X45X7TC	TRSCM	22X45X7	23049636	GMC	4532N	23-11-7-518-633	BMW	710816
229725	ALLCH	471570 <sup>2B</sup>	22X82740A	JOHND	415066	23049814	GMC	4529N	23117518638	BMW	474288
229727	ALLCH	471570 <sup>2B</sup>	22X82741A	JOHND	J1134	23049846	GMC	4530	23117531360	BMW	710714

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
23-11-7-531-365	BMW	710783	23152	SKF	410694	23213608	TROS	473229	23275	SKF	710684
23117537914	BMW	710714	231605	NATL	160X190X15	23213808	TROS	482253	23276	C-R	710430
23117550058	BMW	224045	231655	BRCWY	417181 <sup>28</sup>	23214006	TROS	473010 <sup>28</sup>	23276	SKF	710430
23118609224	BMW	710714	23167	C-R	450133 <sup>29</sup>	23214006C	TROS	473010N	23277	C-R	455321
23118FX	OSHKO	470605 <sup>28</sup>	23167	SKF	450133	23214008	TROS	450194	23277	SKF	455321
2311D5	WHITE	474278 <sup>28</sup>	23169	C-R	450133	23214008	TROS	473010	23278	C-R	710168
2311D5	WHITE	480356	23169	SKF	450133	23214012	TROS	450194	23278	SKF	710168
231206	NATL	120X150X12	231705	NATL	170X200X15	23214012	TROS	473010	232780	CINMI	450301
23121201279	BMW	223010	231717	CLARK	472705 <sup>28</sup>	23214406	TROS	473234 <sup>28</sup>	232780	CINMI	472397 <sup>28</sup>
23121202715	BMW	223010	23172	VICK	470163	23214408	TROS	450154	2328067	GMC	470358
23121204209	BMW	223830	23172	VICK	471766 <sup>28</sup>	23214408	TROS	473234	2328067	GMC	473231
23121205186	BMW	223010	231733	BRCWY	415995 <sup>28</sup>	23214409	TROS	473234 <sup>28</sup>	2328068	GMC	351267
23121205340	BMW	473677	231733	BRCWY	455013	23214412	TROS	473234 <sup>28</sup>	2328068	GMC	471267 <sup>28</sup>
23121220619	BMW	223535	23175	VICK	472439	232144X10	TROS	473234 <sup>28</sup>	2328069	GMC	471267 <sup>28</sup>
23121220619	BMW	711027	23176	VICK	350909	23214804	TROS	472164 <sup>28</sup>	2328334	GMC	370024A
23-12-1-222-207	BMW	710279	23176	VICK	471224 <sup>28</sup>	23214806	TROS	450494	23286	C-R	710121
23-12-1-222-208	BMW	710279	2317614	GMC	370003A	23214806	TROS	472164 <sup>28</sup>	23286	SKF	710121
23121222677	BMW	710714	2317614	GMC	380003A	23214806.5C	TROS	451147H	232862	CLARK	416888 <sup>28</sup>
23-12-1-222-769	BMW	710909	2317696	GMC	6612S	23214808	TROS	450352	2328694	GMC	370024A
23-12-1-222-771	BMW	473677	231805	NATL	180X210X15	23214808	TROS	472164 <sup>28</sup>	2328694	GMC	6864S
23-12-1-222-972	BMW	223050	231811	HYST	473237 <sup>28</sup>	23214810	TROS	472164 <sup>28</sup>	23290	C-R	710572
23121228333	BMW	710714	23184	C-R	416444 <sup>29</sup>	23214812	TROS	472164 <sup>28</sup>	23290	SKF	710572
23121228443	BMW	710714	23184	SKF	416444	232148X08	TROS	472164 <sup>28</sup>	23299	C-R	710231
23121228492	BMW	711027	231842	CLARK	417554 <sup>28</sup>	23216004.5	TROS	6815	23299	SKF	710231
23121228493	BMW	711027	231843	CLARK	J1138	23216006	TROS	471195 <sup>28</sup>	232995	CLARK	415234 <sup>28</sup>
23121282394	BMW	710714	2318576	GMC	415995 <sup>28</sup>	23216006	TROS	481195	232A14404.5	TROS	40154S
231217	ALLCH	415995 <sup>28</sup>	2318576	GMC	455013	232173	ALLCH	471958	232A15607	TROS	482041N
231217	ALLCH	455013	231884	CLARK	417484N	23220004	TROS	352541	232A15607C	TROS	482041N
231250	TIMKE	231250	231884	CLARK	475322N	232205	NATL	220X250X15	232B12405	TROS	7687S
231255	NATL	125X160X12	231901	GMC	6064	23221	GARLK	476470	232E14006	TROS	473010 <sup>28</sup>
231270	BENDI	471103 <sup>28</sup>	2319067	GMC	6358	232220	HYST	471765 <sup>28</sup>	232E14006C	TROS	473010 <sup>28</sup>
231270	BENDI	50197S	231950	HYST	416288 <sup>28</sup>	2322621	GMC	370003A	232PKG	TIMKE	232PKG
2312737	GMC	474276 <sup>28</sup>	23196678	GMC	710926	2322621	GMC	380003A	232R	TIMKE	232PKG
23127501328	BMW	711027	23199	VICK	450291	23234	C-R	710910	233	CARVR	470163
23127501580	BMW	710714	23199	VICK	471141 <sup>28</sup>	23234	SKF	710910	233	CARVR	471766 <sup>28</sup>
23127501582	BMW	710714	231PKG	TIMKE	231PKG	23236	GARLK	417181 <sup>28</sup>	23300	C-R	3945
23128677736	BMW	710714	231R	TIMKE	231PKG	2323680	GMC	470543	23300	C-R	4131
2312879	GMC	240733	232005	NATL		2323680	GMC	474272	23300	C-R	493637 <sup>29</sup>
2312883	GMC	350567			200X230X15 <sup>28</sup>	2324	CASE	6575S	23300	SKF	3945
2312883	GMC	471267 <sup>28</sup>	2320064	GMC	450400	23243	VICK	416476 <sup>28</sup>	23300	SKF	4131
231296	CLARK	J1134	2320312	GMC	415302	23244	C-R	710508	23300	SKF	493637
23130	C-R	5924	23206	HYST	470120	23244	SKF	710508	2330111	H-S	473439 <sup>28</sup>
23130	SKF	5924	23206	HYST	471224 <sup>28</sup>	23264H	IH	415007	2330114	H-S	470027
231302	NATL	130X160X12	232077	CINMI	416892 <sup>28</sup>	23264HA	IH	415007	2330114	H-S	471554 <sup>28</sup>
231302VB	TRSCM	442874	23212006	TROS	481834	23264HB	IH	415007	233012	H-S	415960
231305	CLARK	J1126	23212408	TROS	450444	232676	STUDE	411500	2330120	H-S	472015 <sup>28</sup>
231305	NATL	130X170X15	23212408	TROS	471835 <sup>28</sup>	23270117	GMC	710536	23302VH	TRSCM	41026S
231324SA	TRSCM	450317	23212808	TROS	473226	232712	CLARK	415984 <sup>28</sup>	233064SA	TRSCM	480988H
231334	CLARK	416271 <sup>28</sup>	23213205	TROS	473228	232714	ALLCH	450121	2330B	GOODM	417344 <sup>28</sup>
231335	CLARK	415138 <sup>28</sup>	23213205	TROS	51098	232714	ALLCH	472409 <sup>28</sup>	2330B	GOODM	455006
231336	CLARK	416339	23213207	TROS	473228	2327142	ALLCH	450121	2330C	GOODM	417344 <sup>28</sup>
2313534	GMC	240731	23213207	TROS	51098	2327142	ALLCH	472409 <sup>28</sup>	2330C	GOODM	455006
231405	NATL		23213208	TROS	450067	2327284	GMC	415836	23315606	TROS	340823
140X170X15 <sup>28</sup>			23213208	TROS	473228	2327284	GMC	415995 <sup>28</sup>	233156X06	TROS	332062
2314093	GMC	415371	23213210.5	TROS	473228 <sup>28</sup>	2327286	GMC	470358	23317	MALL	472951
2314094	GMC	456865N	23213211	TROS	473228 <sup>28</sup>	2327286	GMC	473231	23317	MALL	474252
23143	GARLK	417171 <sup>28</sup>	23213212	TROS	473228 <sup>28</sup>	2327401	GMC	100495	233186	BRCWY	410308 <sup>28</sup>
2315000	FMC	455189	23213308	TROS	473228	2327401	GMC	415281N	233186	BRCWY	450308
231502	NATL	150X180X12	23213308	TROS	51098	23275	C-R	710684	2332303	GMC	370003A
23152	C-R	410694 <sup>28,29</sup>	23213608	TROS	450185	23275	GARLK	417353 <sup>28</sup>	2332303	GMC	380003A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
23324PSB	TRSCM	480574H	23439	SKF	226020	2350041	SHEP	450070	23580	GARLK	415937 <sup>28</sup>
2332D	GOODM	416921 <sup>28</sup>	23440	C-R	226020	2350041	SHEP	472185 <sup>28</sup>	2358463	GMC	470308N
2332D	GOODM	455011	23440	C-R	60X80X8 <sup>28</sup>	2350061	SHEP	411253 <sup>28</sup>	23590	C-R	370182A
233313VH	TRSCM	5924	23440	SKF	226020	2350061	SHEP	450099	23590	C-R	370199A
23332VH	TRSCM	40101S <sup>28</sup>	23440	SKF	60X80X8	23501544	GMC	5424	23590	C-R	370352A
23332VH	TRSCM	442507	23440	VIC	450365	2350160	SHEP	450463	23590	SKF	370182A
23334PTA	TRSCM	410101N	23440	VIC	470898 <sup>28</sup>	23501819	GMC	470954V	23590	SKF	370199A
233374SA	TRSCM	450350	23443	C-R	60X80X8 <sup>29</sup>	2350300	SHEP	450301	23590	SKF	370352A
233374TA	TRSCM	413247 <sup>28</sup>	23443	SKF	60X80X8	2350300	SHEP	472397 <sup>28</sup>	2359177	NOK	45X70X10
23344SA	TRSCM	450103	234449R91	IH	240733	2350310	SHEP	450185	2359469	GMC	473454
23344TA	TRSCM	410987 <sup>28</sup>	23445	C-R	60X82X7	2350310	SHEP	473229	235PKG	TIMKE	235PKG
23346	GARLK	416294 <sup>28</sup>	23445	SKF	60X82X7	23503969	GMC	710258	235R	TIMKE	235PKG
2334838	GMC	370005A	23446	C-R	712006	23507225	DETRO	5460	2360	C-R	6X16X7
2335152	GMC	470358	23446	SKF	712006	23507225	DETRO	JF2282	2360	SKF	6X16X7
2335152	GMC	473231	23447	C-R	60X85X8 <sup>28</sup>	23507225	GMC	5460	23601	GARLK	417355 <sup>28</sup>
23353PTB	TRSCM	475095N	23447	SKF	60X85X8	23507225	GMC	JF2282	2360331	GMC	450067
2336	FALKC	415379 <sup>28</sup>	23449	C-R	60X85X8	23507226	DETRO	JF2280	2360331	GMC	473228
2336	FALKC	455379	23449	SKF	60X85X8	23507226	GMC	JF2280	23604	VICK	471570 <sup>28</sup>
2336132	GMC	471570 <sup>28</sup>	23450	C-R	4539V	235090	ALLCH	JV949	236065	ALLCH	470163
2336333	GMC	330385 <sup>28</sup>	23450	SKF	4539V	23511	GARLK	476424N	236065	ALLCH	471766 <sup>28</sup>
23363TB	TRSCM	475380N	23451	C-R	60X85X8	23511903	ALLCH	200865	23606R	DIA	45637S
23364	GARLK	412473 <sup>28</sup>	23451	SKF	60X85X8	23513578	GMC	5424	23609	PEUGE	1172
23364	GARLK	415894	2345112	GMC	456865N	23514608	GMC	41537	23613	GARLK	416125 <sup>28</sup>
2338	CONTI	470548	234512	CLARK	100494	23516969	GMC	5424	23613208	TROS	410190
2338	CONTI	470625 <sup>28</sup>	234512	CLARK	416470N	235183	CLARK	416273	23613608	TROS	450143
23382	FWD	472636 <sup>28</sup>	23452	C-R	60X85X8	2351945	GMC	5778	23614006	TROS	291099
23384SA	TRSCM	455860	23452	SKF	60X85X8	23522435	DETRO	4458V	23614808	TROS	450361
23385	NEWPR	710058	234521	SPERY	470565 <sup>28</sup>	23522435	GMC	4458V	23614808	TROS	472193 <sup>28</sup>
23385	NOK	710885	234576	CLARK	416865 <sup>28</sup>	2352354	GMC	470898	23615	C-R	710567
23394	GARLK	417354 <sup>28</sup>	23458	C-R	710182	2352381	GMC	350679	23615	SKF	710567
2339F	IH	450094	23458	SKF	710182	2352381	GMC	470954 <sup>28</sup>	23615207C	TROS	203006 <sup>28</sup>
2339F	IH	473462	23460	GARLK	416624 <sup>28</sup>	2352810	GMC	480630 <sup>28</sup>	23615607.5	TROS	2692
233PKG	TIMKE	233PKG	234631	GMC	470898	2352811	GMC	480630 <sup>28</sup>	23616008	TROS	9015S
233R	TIMKE	233PKG	234631	SPICE	470898	2352836	GMC	410496 <sup>28</sup>	23617	C-R	710468
233-S443173945	BENDI	470950 <sup>28</sup>	23466	VICK	470403	2352946	GMC	416273 <sup>28</sup>	23617	SKF	710468
233-S443173945	BENDI	6241S	23466	VICK	470774 <sup>28</sup>	235296	ALLCH	473438	23620008.5	TROS	331301N
234	CARVR	470163	23467	C-R	60X90X8	2353016	GMC	6808N	236224R91	IH	450352
234	CARVR	471766 <sup>28</sup>	23467	SKF	60X90X8	235312	ALLCH	417344 <sup>28</sup>	236224R91	IH	472164 <sup>28</sup>
234003	HYST	471281 <sup>28</sup>	23468	C-R	60X95X8	23531202	ALLCH	417344 <sup>28</sup>	23626	C-R	710637
234013	ALLCH	473245 <sup>28</sup>	23468	SKF	60X95X8	2353335	GMC	472636 <sup>28</sup>	23626	SKF	710637
234047	HYST	412119 <sup>28</sup>	2346838	GMC	450067	235393	CLARK	473010N	23630	C-R	41026S
23405	CONTI	415234 <sup>28</sup>	2346838	GMC	473228	235394	CLARK	482041N	23630	SKF	41026S
23405	IH	415234 <sup>28</sup>	2347192	GMC	350414	235404R91	IH	415013N	23632	C-R	470764 <sup>28</sup>
23414012	TROS	8477S	2347192	GMC	472311 <sup>28</sup>	235404R91	IH	415995V	23632	SKF	470764
2342	FALKC	415551	2347294	GMC	416071	235430	HYST	417344 <sup>28</sup>	23640	C-R	41026S
23425	C-R	60X72X8 <sup>28</sup>	2347374	GMC	350156	2354323	GMC	410496 <sup>28</sup>	23640	SKF	41026S
23425	SKF	60X72X8	2347374	GMC	473096	2354732	GMC	415836	23641	C-R	3393
23427	C-R	710794	234761	CLARK	100495	2354732	GMC	415995 <sup>28</sup>	23641	SKF	3393
23427	SKF	710794	234761	CLARK	415281N	2355	C-R	6X16X5	23644	C-R	473474
2342OS	JN-MN	415988 <sup>29</sup>	234820	BENDI	470358	2355	SKF	6X16X5	23644	SKF	473474
2343139	GMC	370024A	234820	BENDI	473231 <sup>28</sup>	2355087	GMC	6863S <sup>28</sup>	23645	C-R	473474
2343139	GMC	6864S	23488	C-R	60X110X8	235511-3	VOLVO	311189	23645	SKF	473474
23432	C-R	710093	23488	SKF	60X110X8	235533	VICK	343185	23646	C-R	470565 <sup>28</sup>
23432	SKF	710093	23489	FBG	710468	23559	MALL	471688	23646	GARLK	416041
234321	BENDI	470358	23499	GARLK	417196 <sup>28</sup>	235593	CLARK	456967V <sup>28</sup>	23646	SKF	470565
234321	BENDI	473231 <sup>28</sup>	234999	CLARK	714512	235655	CLARK	485364N	23652	C-R	470565 <sup>28</sup>
234322	BENDI	471689 <sup>28</sup>	234PKG	TIMKE	234PKG	235657	ALLCH	410085N	23652	SKF	470565
23436	C-R	226018	234R	TIMKE	234PKG	235665	GMC	473215 <sup>28</sup>	23654	C-R	470565 <sup>28</sup>
23436	SKF	226018	23500139	GMC	5163	2357683	GMC	370024A	23654	SKF	470565
23439	C-R	226020	23500286	GMC	3945	2357684	GMC	417541	23655	GARLK	415379

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2365OS	JN-MN	415551	23710	SKF	412119	2377	TIMKE	2377	23844	C-R	455860
2366034	GMC	410737 <sup>28</sup>	237112	FAIRB	473215 <sup>28</sup>	23770	C-R	416271 <sup>28</sup>	23844	SKF	455860
2366119	GMC	417480 <sup>28</sup>	237112	JA-MI	473215 <sup>28</sup>	23770	SKF	416271	23846	C-R	416071
2366119	GMC	455860	237112	JAE	473215 <sup>28</sup>	23772	CONTI	470163	23846	SKF	416071
236623	BENDI	471737	237112Q7	GEHL	473215 <sup>28</sup>	23772	CONTI	471766 <sup>28</sup>	2384945	GMC	470898
23666	C-R	473475	237114	GR-DV	473225 <sup>28</sup>	23779	C-R	416271 <sup>28</sup>	23851D	IH	450593 <sup>28</sup>
23666	SKF	473475	237116	BUC-E	470059	23779	SKF	416271	2385627	GMC	471570 <sup>28</sup>
23667	GARLK	417205 <sup>28</sup>	237116	BUC-E	470380 <sup>28</sup>	2378042	HR-DV	450115	23857	C-R	712375
236679	CLARK	311189	237116	FAIRB	470059	2378042	HR-DV	473467	23857	SKF	712375
23673	C-R	470574N	237116	FAIRB	470380 <sup>28</sup>	23782	C-R	416271 <sup>28</sup>	2385S	NATL	4250
23673	SKF	470574N	237116	GR-DV	470059	23782	SKF	416271	23860	C-R	710006
23676D	IH	471466 <sup>28</sup>	237116	GR-DV	470380 <sup>28</sup>	2378547	HR-DV	481073	23860	SKF	710006
23678	C-R	412038N	237116	LEROI	470059	237909	ALLCH	413247 <sup>28</sup>	2386619	GMC	370018A
23678	SKF	412038N	237116	LEROI	470380 <sup>28</sup>	237909	ALLCH	450350	23870	C-R	5487
23682	GARLK	416339	237116	STEEL	470059	237913R1	IH	42101S	23870	SKF	5487
236835	HYST	415379	237116	STEEL	470380 <sup>28</sup>	237919	CLARK	411143N	23870101	JOHND	415958
2368357	GMC	370002A	237120	BUC-E	470358	237919	TREME	411143N	23873H	IH	415960
236836	HYST	J1126	237120	BUC-E	473231 <sup>28</sup>	237933	ALLCH	417191	23873H	IH	455009
23685	C-R	413246N	237120	ESSIC	470358	2379514	GMC	450316	2387418	GMC	472164 <sup>28</sup>
23685	C-R	480574H	237120	ESSIC	473231 <sup>28</sup>	2379514	GMC	472636 <sup>28</sup>	2387420	GMC	472164 <sup>28</sup>
23685	C-R	483246N	2371881	GMC	470898	237983	EATON	471271V	23880	C-R	710170
23685	SKF	413246N	2371908	GMC	370012A	2379OS	JN-MN	415697 <sup>28</sup>	23880	SKF	710170
23685	SKF	480574H	23721	GARLK	417211 <sup>28</sup>	2379OS	JN-MN	455547	2388334	GMC	370023A
23685	SKF	483246N	2372377	GMC	35949N	237A15304	TROS	6960	2388334	GMC	380023A
23691	C-R	710313	23725	C-R	442507	237B122115	TROS	8594S	23885	C-R	226150
23691	SKF	710313	23725	SKF	442507	237C140X08.25	TROS	8835S	23885	SKF	226150
23692	C-R	710576	237253	STUDE	472354 <sup>28</sup>	237PKG	TIMKE	237PKG	23888	C-R	710528
23692	SKF	710576	237253	STUDE	50395S	237R	TIMKE	237PKG	23888	SKF	710528
236932	EATON	470605 <sup>28</sup>	2372677	GMC	471267 <sup>28</sup>	238	MERIX	4561V	238888	EATON	471271 <sup>28</sup>
236939	EATON	470077	2372702	GMC	4563V	238	MERIX	5602	238918	ALLCH	472012
236939	EATON	474281 <sup>28</sup>	23733	GARLK	416345 <sup>28</sup>	238	ROCKW	4561V	23891D	IH	473213 <sup>28</sup>
23695	C-R	410101N	237360	GMC	470059	238	ROCKW	5602	238945	ALLCH	412920 <sup>28</sup>
23695	SKF	410101N	237360	GMC	470380 <sup>28</sup>	2380	C-R	6X22X7 <sup>28</sup>	238PKG	TIMKE	238PKG
236A15605	TROS	350936	2373OS	JN-MN	415960	2380	SKF	6X22X7	238R	TIMKE	238PKG
236PKG	TIMKE	236PKG	2373OS	JN-MN	455009	2-380-1122-00	HINO	225875	239	MERIX	5603
236R	TIMKE	236PKG	23740	NEWPR	710495	2-380-1122-10	HINO	225875	239	ROCKW	5603
237	MERIX	100495	23742	C-R	413247 <sup>28</sup>	238039	CLARK	450519	2390257	GMC	5408
237	MERIX	5601	23742	SKF	413247	238039	CLARK	471271 <sup>28</sup>	239103	NATL	224015
237	ROCKW	100495	2374347	HR-DV	450025	2380496	GMC	415004	23914404C	TROS	9178S
237	ROCKW	5601	2374347	HR-DV	471553 <sup>28</sup>	2380496	GMC	417316 <sup>28</sup>	239146	TIMKE	239146
23701	C-R	412119 <sup>28</sup>	23744	C-R	200855 <sup>29</sup>	23808	C-R	412861	239150	NATL	5696
23701	SKF	412119	23744	SKF	200855	23808	SKF	412861	239152	NATL	35X47X7
23702	C-R	412119 <sup>28,29</sup>	23745	GARLK	415697 <sup>28</sup>	23809	C-R	412861	239152	WMG	35X47X7
23702	C-R	472856	23745H	IH	450095	23809	SKF	412861	239155	TIMKE	239155
23702	SKF	412119	23745H	IH	473464 <sup>28</sup>	2381508	GMC	413246N	239169R91	IH	415041
23702	SKF	472856	23751	C-R	714512	2381585	GMC	343099	2391842	GMC	472164 <sup>28</sup>
23702D	IH	450084 <sup>28</sup>	23751	SKF	714512	23820	C-R	415857	239191	NATL	480630 <sup>28</sup>
23703	C-R	410101N	23755	C-R	450103	23820	SKF	415857	239191	NATL	480991
23703	SKF	410101N	23755	SKF	450103	238200	HYST	450352	239192	NATL	223535
237033	ALLCH	450183	23756	C-R	410987 <sup>28</sup>	238200	HYST	472164 <sup>28</sup>	239193	NATL	35X47X7
237033	ALLCH	472179	23756	SKF	410987	23823	C-R	3393	239193	WMG	35X47X7
23706	C-R	412119 <sup>29</sup>	2376	MID	470590	23823	SKF	3393	239201	TIMKE	239201
23706	SKF	412119	2376	MID-R	470590	23824D	IH	455008	2392508	GMC	370015A
23708	C-R	412119 <sup>28</sup>	23761D	IH	471750 <sup>28</sup>	23828	C-R	710607	2394035	GMC	370019A
23708	C-R	450101	2376261	GMC	6808N	23828	SKF	710607	2394036	GMC	370021A
23708	SKF	412119	23763	GARLK	417366 <sup>28</sup>	23839	C-R	410825	2394037	GMC	370181A
23708	SKF	450101	23766	WOODB	472070	23839	SKF	410825	2396498	GMC	410972N
237082R91	IH	450352	2376OS	JN-MN	450070	2383OS	JN-MN	450474 <sup>29</sup>	2396499	GMC	412038N
237082R91	IH	472164 <sup>28</sup>	2376OS	JN-MN	472185 <sup>28</sup>	23841	C-R	475380N	2396869	GMC	470898
23710	C-R	412119 <sup>28,29</sup>	2377	NATL	713750	23841	SKF	475380N	2396870	GMC	450867

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2396870	GMC	470898	24016009	TROS	5121	240A14812	TROS	472185 <sup>28</sup>	2417296	GMC	5751
2396880	GMC	240731	24017	C-R	4160	240A16004	TROS	472319	2417297	GMC	5751
2396T2	WHITE	471787 <sup>28</sup>	24017	SKF	4160	240A20004C	TROS	4148	2417302	GMC	416167 <sup>28</sup>
2397420	GMC	472164 <sup>28</sup>	240178	KOHL	415995 <sup>28</sup>	240A20004C	TROS	471424 <sup>28</sup>	2417302	GMC	455091
23977X	LIGET	440972	240178	KOHL	455013	240B15603.5	TROS	6985	2417303	GMC	416167 <sup>28</sup>
2398209	GMC	415003	2401857	GMC	413248	240C15606	TROS	472439	2417303	GMC	455091
2398209	GMC	415458 <sup>28</sup>	24020004	TROS	40410S	240C15606C	TROS	331227H	2417306	GMC	6649
2398220	GMC	415458 <sup>28</sup>	24020008	TROS	471424 <sup>28</sup>	240PKG	TIMKE	240PKG	2417308	GMC	6872S
2398220	GMC	455003	240211	RELEE	471264 <sup>28</sup>	240R	TIMKE	240PKG	2417311	GMC	415317
2398409	GMC	8792S	24021604	TROS	341022	240X270X15	FORSH	240X270X15	2417316	GMC	410308 <sup>28</sup>
2398465	GMC	6835S	24027015A	HARWA	240X270X15	240X270X15	SIMRT	240X270X15	2417317	GMC	470308N
239PKG	TIMKE	239PKG	240288	ALLCH	470625V	240X270X15	TIMKE	240X270X15	2417318	GMC	415234 <sup>28</sup>
239R	TIMKE	239PKG	240319	TIMKE	240319	240X270X15SC	TRSCM	240X270X15	2417319	GMC	475234N
23PS221	C-P	471472 <sup>28</sup>	24035	GARLK	417356 <sup>28</sup>	240X270X15TC	TRSCM	240X270X15	2417330	GMC	415960
23R009	SHOV	450389	240356	TIMKE	240356	24101203519	BMW	224045	2417331	GMC	475009N
23R009	SHOV	472492 <sup>28</sup>	2403627	GMC	442380	24101218852	BMW	8792S	2417332	GMC	410316
23W015	SHOV	411253 <sup>28</sup>	2403628	GMC	442380	2410236	GMC	472164 <sup>28</sup>	2417332	GMC	472636 <sup>28</sup>
23W015	SHOV	450099	2403665	GMC	40769S	24110	C-R	4019N	2417333	GMC	410316
23X026015XX	TIMKE	230X260X15	240385	TIMKE	240385	24110	SKF	4019N	2417333	GMC	472636 <sup>28</sup>
24000	C-R	710625	240400	NATL	6703S	2411035	WOOL	475384	2417334	GMC	415086N
24000	SKF	710625	2404052	CHRYSLER	484058	24111205984	BMW	3459	2417334	GMC	417487 <sup>28</sup>
2400084	CHRYSLER	6879H	2404121	CHRYSLER	8515N	24111207426	BMW	3459	2417337	GMC	475380N
240009	TIMKE	240009	2404134	CHRYSLER	8516N	2411979	GMC	330385 <sup>28</sup>	2417340	GMC	5403
2400163	CHRYSLER	8935S	2404135	CHRYSLER	7216	24-12-1-423-529	BMW	710867	2417343	GMC	470163
240023	TIMKE	240023	240414	TIMKE	240414	24-13-0-418-458	BMW	710487	2417343	GMC	471766 <sup>28</sup>
2400300	CHRYSLER	7300S	2404215	CHRYSLER	8695S	24-13-1-219-141	BMW	710909	2417344	GMC	470163
2400566	GMC	470954 <sup>28</sup>	2404216	CHRYSLER	8704S	24-13-1-421-142	BMW	710718	2417344	GMC	471766 <sup>28</sup>
2400566	GMC	480954	240435	TIMKE	240435	24-13-1-422-667	BMW	710718	24174	DAVEY	470358
24010	GARLK	415035	240457	TIMKE	240457	2413360	GMC	370120A	24174	DAVEY	473231 <sup>28</sup>
24010	GARLK	415953	240462	TIMKE	240462	241343	ACF	418028	24175	DAVEY	450085
240119	TIMKE	240119	240470	TIMKE	240470	241343	ACF	455137 <sup>28</sup>	24175	DAVEY	470530 <sup>28</sup>
24012408	TROS	472843	240480	NATL	6597S	24137	MICH	470027	24175	MICH	471684 <sup>28</sup>
24012808	TROS	473437	240495	NATL	34318S	24137	MICH	471554 <sup>28</sup>	24175	MICH	471698
24013206	TROS	291099	240495	WMG	34318S	24137	UNIVE	470027	24175	UNIVE	471684 <sup>28</sup>
24014004	TROS	473232 <sup>28</sup>	2405328	GMC	240733	24137	UNIVE	471554 <sup>28</sup>	24175	UNIVE	471698
24014008	TROS	450069	24055	GARLK	417357	24-13-7-509-504	BMW	710909	24176	VICK	240731
24014008	TROS	473232	2405935	GMC	3592	24-13-7-519-344	BMW	710487	2417701	GMC	370181A
24014010	TROS	473228 <sup>28</sup>	240698	TIMKE	240698	24 13 7519344	ROLLS	710487	2417702	GMC	370021A
24014208	TROS	7457N	240716	TIMKE	240716	24-13-7-542-885	BMW	710486	2417779	GMC	470565 <sup>28</sup>
240143	KOHL	450154	240731	TIMKE	240731	24-13-7-552-320	BMW	710486	2417780	GMC	416654 <sup>28</sup>
240143	KOHL	473234	240733	TIMKE	240733	24140	Y-T	415196 <sup>28</sup>	2417780	GMC	455012
24014406	TROS	473235 <sup>28</sup>	240735	TIMKE	240735	24-14-7-571-213	BMW	710780	2417781	GMC	456618
24014408	TROS	473235 <sup>28</sup>	240736	TIMKE	240736	24 14 7571213	ROLLS	710780	24177902	ALLCH	471192
24014411.25	TROS	8516N	24075	CANAD	416041	24150	MICH	471567 <sup>28</sup>	2417791	ALLCH	471192
24014412	TROS	8516N	24075	GARLK	416130 <sup>28</sup>	24150	UNIVE	471567 <sup>28</sup>	241790	ALLCH	472179
24014412.5	TROS	473235 <sup>28</sup>	2407876	GMC	415449 <sup>28</sup>	24151-60B00	SUZUK	222030	2418RC	SUL	417316 <sup>28</sup>
24014805	TROS	7607	2407876	GMC	455147	24151-60B00-000	SUZUK	222030	2418RC	SUL	455004
24014806	TROS	472185 <sup>28</sup>	2407877	GMC	415995 <sup>28</sup>	24151-73B00	SUZUK	222030	2419982	GMC	475012N
24014808	TROS	472185 <sup>28</sup>	2407877	GMC	455013	24151-73B00-000	SUZUK	222030	241PKG	TIMKE	241PKG
24014811.25	TROS	450070	240816	TIMKE	240816	24151-73B01	SUZUK	222030	241R	TIMKE	241PKG
24014811.25	TROS	472185 <sup>28</sup>	240840	NATL	6597S	241543	AVCO	204020	24-20-1-423-382	BMW	710484
240151	TIMKE	240151	24085	LAU	471570 <sup>28</sup>	241543	AVCO	204505 <sup>28</sup>	24201470	GMC	4934
24015204	TROS	44053	2408OS	JN-MN	417491 <sup>29</sup>	24156	UNIVE	450340	24201871	GMC	3543
24015206	TROS	472070	240912	HYST	415138 <sup>28</sup>	24169	DAVEY	418028	24201936	GMC	5693
24015211.25	TROS	472070	240913	HYST	417362 <sup>28</sup>	24169	DAVEY	455137 <sup>28</sup>	24201991	GMC	224840
24015408	TROS	473451 <sup>28</sup>	240949	TIMKE	240949	2416949	GMC	476283N	24202535	GMC	4950
24015408	TROS	473462 <sup>28</sup>	24095	LAU	410102	2416950	GMC	476283N	24202535	SAAB	4950
24015608	TROS	472439	24097	C-R	5698	241706	FULLE	455322N	24202835	GMC	3543
24015612	TROS	473464	24097	SKF	5698	2417294	GMC	473215 <sup>28</sup>	24203910	GMC	5693
24015612.5	TROS	472439	240A14404	TROS	473235 <sup>28</sup>	2417295	GMC	471765 <sup>28</sup>	24204330	GMC	100165 <sup>29</sup>

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
24204540	GMC	4583	24238076	GMC	710533	243114	GR-DV	474264	2437999	GMC	415995V
24204772	GMC	4918	24239816	ACDEL	710544	24-31-1-422-671	BMW	224010	243807XX	TIMKE	24X38X7
2420630	GMC	6808N	24239816	GMC	710544	243120	GOODM	450066	2438255	GMC	417316 <sup>28</sup>
24207336	GMC	4333N	24240276	GMC	710873	243120	GOODM	473367 <sup>28</sup>	2438255	GMC	455004
24207571212	BMW	710671	24240278	GMC	710553	243120ML	BUC-E	450066	2438877	GMC	7866S
24207588763	BMW	710671	24240280	GMC	710636	243120ML	BUC-E	473367 <sup>28</sup>	2438878	GMC	7866S
24209839	GMC	714598	24240282	GMC	710675	24314J	DIA	474276 <sup>28</sup>	2438OS	JN-MN	416345 <sup>28</sup>
24211013	GMC	710616	24243353	GMC	100165	2431525	GMC	415013N	2438OS	JN-MN	455033
242133X09.5C	TROS	8610	24245	C-R	710584	2431525	GMC	415995V	2439186	GMC	473242
242134X08	TROS	8610	24245	SKF	710584	2431526	GMC	415013N	243PKG	TIMKE	243PKG
24217518704	BMW	710319	24249376	GMC	710561	2431526	GMC	415995V	243R	TIMKE	243PKG
24217518704	BMW	710619	24255	C-R	471887	2431667	GMC	351267	244007XX	TIMKE	24X40X7
24220569	ACDEL	221207	24255	GARLK	416556 <sup>28</sup>	2431667	GMC	471267 <sup>28</sup>	2440720	GMC	6638S
24220569	GMC	221207	24255	GARLK	472157	24-31-7-519-352	BMW	710484	2440721	GMC	6638S
24223980	ACDEL	710561	24255	SKF	471887	24 31 7519352	ROLLS	710484	2440722	GMC	6638S
24223980	GMC	710561	24256576	ACDEL	710544	243190	BRCWY	370036A	2440D	GOODM	455019 <sup>28</sup>
24224136	GMC	710830	24256576	GMC	710544	2431D5	WHITE	417316 <sup>28</sup>	24412408	TROS	450776 <sup>28</sup>
24224880	GMC	4981V	24256953	GMC	710889	24320	C-R	413478	24412804	TROS	471862
24226016	GMC	710533	24257030	GMC	710709	24320	SKF	413478	24412808	TROS	471862
24226707	ACDEL	710675	24257031	GMC	710951	24322	CONTI	473458	24413208	TROS	470487N
24226707	GMC	710675	2426024	GMC	417210 <sup>28</sup>	2432D	GOODM	415995 <sup>28</sup>	244132X08	TROS	470487N
24226989	GMC	5693	2426026	GMC	417210 <sup>28</sup>	2432D	GOODM	455013	244135X08	TROS	8695S
2422854	GMC	417355 <sup>28</sup>	24260763	GMC	710951	24335	EATON	473235 <sup>28</sup>	24413604	TROS	471316
2422854	GMC	485497	24260764	GMC	710709	243354SA	TRSCM	455096	24413606	TROS	5796
2422855	GMC	417355 <sup>28</sup>	24263	C-R	412040	2433567	GMC	100495	24413609	TROS	6336S
2422855	GMC	485497	24263	SKF	412040	2433567	GMC	415281N	24414408	TROS	470074
2422859	GMC	417480 <sup>28</sup>	24266675	ACDEL	710889	243363VAY	TRSCM	3210	24414408	TROS	474265
2422869	GMC	40769S	24266675	GMC	710889	2433650	GMC	415458 <sup>28</sup>	24414808	TROS	450076
24228816	ACDEL	710810	24266986	GMC	710725	2433651	GMC	415458 <sup>28</sup>	24414808	TROS	470334 <sup>28</sup>
24228816	GMC	710810	24266987	GMC	710659	2433667	GMC	470898	24415008	TROS	450269
24228876	GMC	710843	24267007	GMC	710953	24340	C-R	450104 <sup>29</sup>	24415208	TROS	471866 <sup>28</sup>
24228886	GMC	710873	24269980	ACDEL	710778	24340	SKF	450104	24416008	TROS	471869
24230682	ACDEL	710951	24269980	GMC	710778	24-34-1-205-998	BMW	710780	24416008	TROS	473459
24230682	GMC	710951	24277572606	BMW	710545	2434156	GMC	6879H	24416208	TROS	450472 <sup>28</sup>
24230691	ACDEL	710889	24277604965	BMW	710939	2434696	GMC	410101N	244169	ALLCH	473010N
24230691	GMC	710889	24283	C-R	710213	2434707	GMC	480574H	24420006C	TROS	7751H
24230715	GMC	710709	24283	SKF	710213	2434D	GOODM	417487	24420008	TROS	471870 <sup>28</sup>
24232324	GMC	2457	24286	C-R	411500	2434D	GOODM	455014	24420008	TROS	471883
24232325	ACDEL	4934	24286	SKF	411500	2434OS	JN-MN	450765 <sup>28</sup>	244210XX	TIMKE	24X42X10
24232325	GMC	4934	242860	ALLCH	415371	243507XX	TIMKE	24X35X7	2442177	GMC	6270
24232325	SAAB	4934	24287	C-R	411500	2435738	GMC	416167 <sup>28</sup>	2442178	GMC	6270
24233355	ACDEL	5693	24287	SKF	411500	2435738	GMC	455091	2442179	GMC	6270
24233355	GMC	5693	24288	NEWPR	710653	2435738	MOHWK	416167 <sup>28</sup>	2442180	GMC	5401
24233898	ACDEL	710636	2429131	GMC	471787 <sup>28</sup>	2435738	MOHWK	455091	24429	DAVEY	416921 <sup>28</sup>
24233898	GMC	710636	2429141	GMC	471538 <sup>28</sup>	2435739	GMC	480630 <sup>28</sup>	24429	DAVEY	455011
2423396	GMC	416271 <sup>28</sup>	2429241	GMC	476574N	2435740	GMC	410496 <sup>28</sup>	2442911	GMC	415013
24234254	GMC	710583	2429546	HR-DV	471192	2435E	GOODM	417488 <sup>28</sup>	2442911	GMC	415995 <sup>28</sup>
24234257	ACDEL	710546	24297	GARLK	416891 <sup>28</sup>	2436463	GMC	6808N	2442912	GMC	415013
24234257	GMC	710546	242PKG	TIMKE	242PKG	243649	BRCWY	415137 <sup>28</sup>	2442912	GMC	415995 <sup>28</sup>
24235725	GMC	2457	242R	TIMKE	242PKG	243649	BRCWY	418028	2442946	GMC	471267 <sup>28</sup>
24235861	ACDEL	710545	24302	GARLK	416135 <sup>28</sup>	2436547	GMC	415013N	2443	TIMKE	2443
24235861	GMC	710545	2430D	GOODM	415281N	2436547	GMC	415995V	2443570	GMC	415004
24236132	GMC	4333N	2430OS	JN-MN	417541 <sup>29</sup>	243663	BRCWY	411253 <sup>28</sup>	2443570	GMC	417316 <sup>28</sup>
24236395	ACDEL	710543	24-31-0-403-400	BMW	710484	243663	BRCWY	450099	24441	C-R	710392
24236395	GMC	710543	24311201573	BMW	223800	2436953	GMC	415004	24441	SKF	710392
24237531	ACDEL	710830	24311203255	BMW	224250	2436953	GMC	417316 <sup>28</sup>	2444160	GMC	442380
24237531	GMC	710830	24-31-1-207-433	BMW	224010	24370	C-R	411245 <sup>28</sup>	24445	C-R	417073
24237740	GMC	710830	24-31-1-207-621	BMW	224010	24370	SKF	411245	24445	SKF	417073
24238075	GMC	710843	24-31-1-218-493	BMW	224010	243707XX	TIMKE	24X37X7	24447223	GMC	710799
24238076	ACDEL	710533	243114	GR-DV	470062	2437999	GMC	415013N	2444861	GMC	370036A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2444861	GMC	370349A	2453129	CHRY	484054	24620	SKF	62X80X10	24708	VICK	450639
2444861	GMC	380036A	2453130	CHRY	291295	24620	SKF	62X80X9	24708-86Z00	SUZUK	221207
244530	GMC	415001 <sup>28</sup>	2453131	CHRY	7537S	2462289	GMC	410519	2470LPD	JN-MN	412027
244531	ACF	40468	2453133	CHRY	8293S	2462289	GMC	471271 <sup>28</sup>	24700S	JN-MN	412027
244531	GMC	40468	2453134	CHRY	8610	24625	GARLK	415138 <sup>28</sup>	247165	ALLCH	470331N
24455	GARLK	416888 <sup>28</sup>	2453136	CHRY	8181NA	24626	C-R	62X80X10	247167	ALLCH	470331N
2445-6623	HINO	710371	2453137	CHRY	7022S	24626	SKF	62X80X10	24710S	JN-MN	455151
2-445-6623-00	HINO	710371	2453140	CHRY	340356	2462993	GMC	415003	247224	ACF	450494
2445-6624	HINO	710371	2453142	CHRY	450117	2462993	GMC	415458 <sup>28</sup>	247224	ACF	472164 <sup>28</sup>
2-445-6624-00	HINO	710371	2453142	CHRY	472572 <sup>28</sup>	2463199	GMC	415983N <sup>28</sup>	247224	GMC	450494
24459	C-R	3210	2453143	CHRY	470331N	24635	C-R	226285	247224	GMC	472164 <sup>28</sup>
24459	SKF	3210	2453145	CHRY	470403	24635	SKF	226285	2472290	GMC	475003N
244631	SPICE	470898	2453145	CHRY	470774 <sup>28</sup>	24638	C-R	226285 <sup>29</sup>	24731-54J10	SUZUK	710689
2446372	GMC	470954 <sup>28</sup>	2453146	CHRY	205017	24638	C-R	62X85X8 <sup>29</sup>	24731-54J10-000	SUZUK	710689
24465790	GMC	710799	2453147	CHRY	40769S	24638	SKF	226285	24734	VERSA	370119A
24465791	GMC	710799	2453952	GMC	6638S	24638	SKF	62X85X8	2473RC	SUL	417491
2446647	GMC	370048A	2454230	GMC	473242	2464131	GMC	40140S	2474278E50	SUZUK	1981
2446647	GMC	370182A	245443	BRCWY	5M466	24642	C-R	226285	24761	JOHND	470045
2446647	GMC	380048A	245472	BRCWY	450316	24642	SKF	226285	24761	JOHND	476838 <sup>28</sup>
2446691	GMC	475003N	245472	BRCWY	472636 <sup>28</sup>	2464259	GMC	417316 <sup>28</sup>	2476620	GMC	410737 <sup>28</sup>
2446748	GMC	471787 <sup>28</sup>	2455045	GMC	370007A	2464259	GMC	455004	2476620	GMC	450737
2446RC	SUL	416107 <sup>28</sup>	2455047	GMC	370024A	2464492	CHRY	9487	24767	LAU	470219
2446RC	SUL	455073	2455092	GMC	370012A	24645	GARLK	417247 <sup>28</sup>	24767	LAU	471649 <sup>28</sup>
244707XX	TIMKE	24X47X7	2455130	GMC	413246	2464528	GMC	417211 <sup>28</sup>	2476973	GMC	415447
24472709	SIMRT	370220A	2455130	GMC	413246N	2464660	GMC	415995V	24772-61A00	SUZUK	473823
24475	GARLK	416153 <sup>28</sup>	2455143	GMC	410101N	2464660	GMC	455995N	2477708	GMC	370001A
24476	VICK	450313	2455151	GMC	410316	2465	TIMKE	2465	2477708	GMC	380001A
2447666	GMC	450352	2455151	GMC	472636 <sup>28</sup>	24651	BORGW	471750 <sup>28</sup>	24780-60A50	SUZUK	710343
2447666	GMC	472164 <sup>28</sup>	2-455-6804-00	HINO	717004	246564	ALLCH	416292	24780-60A50-000	SUZUK	710343
2447696	GMC	100495	2-455-6804-10	HINO	717004	24656403	ALLCH	416292	24780-83000	SUZUK	223215
2447696	GMC	415281N	2-455-6804-20	HINO	717004	24660	C-R	710774	24780-83000-000	SUZUK	223215
2447861	GMC	417349 <sup>28</sup>	2455943	GMC	370018A	24660	SKF	710774	24780-83010	SUZUK	223215
2447RC	SUL	471750 <sup>28</sup>	2456738	GMC	370005A	2466842	CHRY	8609	24780-83010-000	SUZUK	223215
2448142	GMC	7188S	2456739	GMC	370005A	24670	C-R	6575S	2478362	GMC	471141 <sup>28</sup>
2448159	GMC	474278 <sup>28</sup>	2456752	GMC	370021A	24670	SKF	6575S	2478368	GMC	471466 <sup>28</sup>
244888	ALLCH	470687	2457	TIMKE	2457	2467131	GMC	473228 <sup>28</sup>	247893	VICK	340151
2448882	ALLCH	470687	24573976	GMC	40375	24676	HYST	470605 <sup>28</sup>	247A14708.25	TROS	5836
2448RC	SUL	417344 <sup>28</sup>	2457433	GMC	370019A	24678	C-R	62X100X7	247A15108.25	TROS	6781
2448RC	SUL	455006	24577095	GMC	710605	24678	29		247PKG	TIMKE	247PKG
244961	ALLCH	473215 <sup>28</sup>	24577096	GMC	710603	24678	SKF	62X100X7	247R	TIMKE	247PKG
24496101	ALLCH	473215 <sup>28</sup>	24 57 7096	SAAB	710603	2467929	GMC	415995V	24800	C-R	1935
24498	GARLK	416892 <sup>28</sup>	2457RC	SUL	416345 <sup>28</sup>	2467929	GMC	455995N	2-4800	SKF	1935
2449RC	SUL	471765 <sup>28</sup>	2457RC	SUL	455033	24680	LIGET	203034	2480035	GMC	452742
244B16008C	TROS	6988H	24581410	GMC	710616	2468537	GMC	475003N	2480RC	SUL	450316
244PKG	TIMKE	244PKG	2458346	GMC	472636 <sup>28</sup>	2468T2	WHITE	415449 <sup>28</sup>	2480RC	SUL	472636 <sup>28</sup>
244R	TIMKE	244PKG	2459229	GMC	450431	2468T2	WHITE	455147	24813208	TROS	473440 <sup>28</sup>
2450	C-R	343104	2459229	GMC	471539 <sup>28</sup>	24692603	ALLCH	471268N	24814004	TROS	40286
2450	SKF	343104	245964	ACF	473447	2469341	GMC	6808N	24814008	TROS	474274
245040	BRCWY	416654 <sup>28</sup>	245A15808.25	TROS	9449	2469545	GMC	473228	24814408	TROS	473236 <sup>28</sup>
245040	BRCWY	455012	245PKG	TIMKE	245PKG	2469545	GMC	51098	24814804	TROS	472179
24504098	GMC	710162	245R	TIMKE	245PKG	246991	GMC	475003N	24814807.75	TROS	5827
24507518726	BMW	221207	24607	FI-CO	450604	246A11607.5	TROS	450341	24814808	TROS	450183
2451326	GMC	472560N <sup>28</sup>	2461313	GMC	415854	246A14806	TROS	200354	24814808	TROS	472179
2451326	GMC	50151S	24613408	TROS	8940S	246A20606	TROS	6590S	24814810	TROS	410183N
24516	EATON	473016 <sup>28</sup>	2461368	GMC	471887	246B12407.5	TROS	450456 <sup>28</sup>	24814811.25	TROS	410183N
24516606714	BMW	223010	24614	CONTI	451583 <sup>28</sup>	246B14804	TROS	204038	24814812	TROS	472179
245187	BRCWY	475012N	24614804	TROS	323119	246C14806	TROS	200354	24815008	TROS	450285
245207XX	TIMKE	24X52X7	2461RC	SUL	415076	246C14806.5	TROS	203002	24815208	TROS	450118
24-52-1-207-430	BMW	710780	24620	C-R	62X80X10	246PKG	TIMKE	246PKG	24815208	TROS	473449
24-52-7-509-500	BMW	710780	24620	C-R	62X80X9 <sup>28</sup>	246R	TIMKE	246PKG	24815307.75	TROS	7600S

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
24815408C	TROS	470331N	248A15610.5	TROS	473179 <sup>28</sup>	2498220	GMC	370048A	24C50365	FWD	450365
24815604	TROS	42421S	248B20005	TROS	5113	2498220	GMC	370182A	24C50365	FWD	470898 <sup>28</sup>
24815608	TROS	450117	248C20006	TROS	331107N	2498220	GMC	380048A	24C50394	FWD	473227
24815608	TROS	472572 <sup>28</sup>	248PKG	TIMKE	248PKG	24984	C-R	3894V	24C50405	FWD	50405
2481RC	SUL	418028	248R	TIMKE	248PKG	24984	C-R	415449V	24C50480	FWD	323138 <sup>28</sup>
2481RC	SUL	455137 <sup>28</sup>	24904	C-R	442380	24984	SKF	3894V	24C50520	FWD	410520
24820004	TROS	40389S	24904	SKF	442380	24984	SKF	415449V	24C50520	FWD	471272 <sup>28</sup>
24820008	TROS	450389	24910	C-R	450519	24986	C-R	415449 <sup>28</sup>	24C50756	FWD	472394
24820008	TROS	472492 <sup>28</sup>	24910	SKF	450519	24986	SKF	415449	24C50779K	FWD	473238 <sup>28</sup>
24820604	TROS	41013S	24911	C-R	410519	24988	C-R	415449 <sup>28,29</sup>	24C55004	FWD	417316 <sup>28</sup>
2482279	GMC	415483	24911	C-R	471271 <sup>28</sup>	24988	SKF	415449	24C55004	FWD	455004
248374	ALLCH	471344	24911	SKF	410519	24989	C-R	415147N	24C55013	FWD	415995 <sup>28</sup>
248426	ALLCH	204038	24911	SKF	471271	24989	SKF	415147N	24C55013	FWD	455013
24842601	ALLCH	204038	24913	C-R	471271V	2498OS	JN-MN	417262 <sup>28</sup>	24C55018	FWD	455018
2484551	GMC	471466 <sup>28</sup>	24913	SKF	471271V	2498OS	JN-MN	455448	24C55018	FWD	476470
2484560	GMC	472397 <sup>28</sup>	24914	C-R	471271V	24990	C-R	415449V	24C55021	FWD	415021
2484561	GMC	450301	24914	SKF	471271V	24990	SKF	415449V	24C55023	FWD	415023
2484561	GMC	472397 <sup>28</sup>	24916	C-R	471271V	2499919	GMC	410316	24C55026	FWD	455026
2485	F-R-H	415041	24916	SKF	471271V	2499919	GMC	472636 <sup>28</sup>	24C55027	FWD	415027 <sup>28</sup>
248542	VICK	240356	24917	C-R	4250	2499LPD	JN-MN	415683	24C55027	FWD	455027
24863	C-R	40555	24917	SKF	4250	2499LUP	JN-MN	415683	24C55029	FWD	416125 <sup>28</sup>
24863	C-R	40555S <sup>28</sup>	2491RC	SUL	416654 <sup>28</sup>	249A-007	BENDI	6545	24C55035	FWD	415035 <sup>28</sup>
24863	SKF	40555	2491RC	SUL	455012	249A16008C	TROS	2043	24C55035	FWD	455035
24863	SKF	40555S	2492	TEKNI	471538 <sup>28</sup>	249PKG	TIMKE	249PKG	24C55088K	FWD	415088 <sup>28</sup>
248630	HYST	472015 <sup>28</sup>	2492952	GMC	415991 <sup>28</sup>	249R	TIMKE	249PKG	24C55088K	FWD	455088
24865	C-R	710027	2492952	GMC	415991N	24A103	FWD	471765 <sup>28</sup>	24C55093	FWD	411376 <sup>28</sup>
24865	SKF	710027	2492RC	SUL	416011	24A108	FWD	450067	24C55093	FWD	455093
24868	C-R	39803	2492RC	SUL	417621 <sup>28</sup>	24A108	FWD	473228	24C55114K	FWD	455584
24868	SKF	39803	2493047	GMC	415995 <sup>28</sup>	24A110	FWD	450069	24C55137	FWD	418028
24875	C-R	43290S	2493047	GMC	455013	24A110	FWD	473232	24C55137	FWD	455137 <sup>28</sup>
24875	SKF	43290S	24931	C-R	410496 <sup>28</sup>	24A214	FWD	417158 <sup>28</sup>	24C55146	FWD	415991
24877	C-R	1935	24931	SKF	410496	24A214	FWD	455355	24C55146	FWD	455146 <sup>28</sup>
24877	SKF	1935	24932	C-R	410496 <sup>28,29</sup>	24B275112	FWD	450463	24C55147	FWD	415449 <sup>28</sup>
24879	C-R	473476	24932	SKF	410496	24B275122	FWD	473236 <sup>28</sup>	24C55147	FWD	455147
24879	SKF	473476	24934	C-R	470605 <sup>29</sup>	24C50099	FWD	411253 <sup>28</sup>	24C55150	FWD	415150 <sup>28</sup>
2487938	GMC	471689 <sup>28</sup>	24934	SKF	470605	24C50099	FWD	450099	24C55177	FWD	415379 <sup>28</sup>
24880	C-R	40337S	2493RC	SUL	450316	24C50115S	FWD	450115	24C55177	FWD	455379
24880	SKF	40337S	2493RC	SUL	472636 <sup>28</sup>	24C50115S	FWD	473467 <sup>28</sup>	24C55195	FWD	455195
24881	C-R	472029	24949	C-R	473274N	24C50117	FWD	450117	24C55195	FWD	472157 <sup>28</sup>
24881	SKF	472029	24949	SKF	473274N	24C50117	FWD	472572 <sup>28</sup>	24C55196	FWD	415196 <sup>28</sup>
24886	C-R	3942	24951	C-R	473274	24C50120	FWD	470120	24C55203	FWD	455203
24886	SKF	3942	24951	SKF	473274	24C50120	FWD	471224 <sup>28</sup>	24C55271	FWD	415725 <sup>28</sup>
24888	C-R	5109 <sup>29</sup>	24954	C-R	470605 <sup>28</sup>	24C50136	FWD	470548	24C55272	FWD	416706 <sup>28</sup>
24888	SKF	5109	24954	SKF	470605	24C50136	FWD	470625 <sup>28</sup>	24C55272	FWD	455272
2488828	GMC	475368N	2495OS	JN-MN	415725 <sup>28</sup>	24C50204	FWD	471231 <sup>28</sup>	24C55281	FWD	415281N
2488829	GMC	475368N	2495RC	SUL	416654 <sup>28</sup>	24C50219	FWD	470219	24C55305	FWD	415991
24889	C-R	410752	2495RC	SUL	455012	24C50219	FWD	471649 <sup>28</sup>	24C55305	FWD	455146 <sup>28</sup>
24889	SKF	410752	24964	C-R	4561V	24C50301	FWD	450301	24C55315	FWD	415984 <sup>28</sup>
24897	C-R	471271 <sup>28</sup>	24964	SKF	4561V	24C50301	FWD	472397 <sup>28</sup>	24C55355	FWD	417158 <sup>28</sup>
24897	SKF	471271	2496482	GMC	415995V	24C50315	FWD	473245 <sup>28</sup>	24C55355	FWD	455355
24898	C-R	471271 <sup>28</sup>	2496482	GMC	455995N	24C50316	FWD	450316	24C55364	FWD	416664 <sup>28</sup>
24898	SKF	471271	2496560	GMC	475003N	24C50316	FWD	472636 <sup>28</sup>	24C55364	FWD	455364
24899	C-R	471271V	2496561	GMC	475368N	24C50320	FWD	473475	24SR100	BORGW	471192
24899	SKF	471271V	2496562	GMC	475003N	24C50332	FWD	450332	24SR100	IG-RA	471192
248A13208	TROS	470077	24971	C-R	415449V	24C50350	FWD	413247 <sup>28</sup>	24X027015XX	TIMKE	240X270X15
248A13208	TROS	474281 <sup>28</sup>	24971	SKF	415449V	24C50350	FWD	450350	24X35688A	JOHND	455253
248A13808	TROS	450274	24980	C-R	415449 <sup>28</sup>	24C50352	FWD	450352	24X35X7	TIMKE	24X35X7
248A14808	TROS	473447	24980	SKF	415449	24C50352	FWD	472164 <sup>28</sup>	24X35X7SC	TRSCM	222410
248A15607C	TROS	6712NA	24982	C-R	714670	24C50360	FWD	471870 <sup>28</sup>	24X35X7SC	TRSCM	24X35X7 <sup>28</sup>
248A15608	TROS	473179 <sup>28</sup>	24982	SKF	714670	24C50360	FWD	471883	24X35X7TC	TRSCM	24X35X7

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
24X37X7	TIMKE	24X37X7	25028	C-R	8975S	25102	C-R	415082N	25193519	GMC	224200
24X37X7SC	TRSCM	24X37X7	25028	SKF	8975S	25102	CONTI	450431	25193519	OPEL	224200
24X37X7TC	TRSCM	24X37X7	2502A017	MITSU	710733	25102	CONTI	471539 <sup>2B</sup>	25193519	SAAB	224200
24X38X7SC	TRSCM	24X38X7	25030	GARLK	415725 <sup>2B</sup>	25102	SKF	415082N	251PKG	TIMKE	251PKG
24X38X7TC	TRSCM	24X38X7	2503N	TIMKE	2503N	25106	C-R	415082N	251R	TIMKE	251PKG
24X40X7	NATL	1990	25043	C-R	415001 <sup>2B,29</sup>	25106	SKF	415082N	2520	MID	471689 <sup>2B</sup>
24X40X7	TIMKE	24X40X7	25043	SKF	415001	25108	C-R	455655 <sup>2B</sup>	2520	MID-R	471689 <sup>2B</sup>
24X40X7SC	TRSCM	24X40X7 <sup>2B</sup>	250437V	TIMKE	250437V	25108	SKF	455655	25200	C-R	710876
24X40X7TC	TRSCM	24X40X7 <sup>2B</sup>	2504T2	DIA	472636 <sup>2B</sup>	2511035	WOOL	415711	25200	SKF	710876
24X42X10SC	TRSCM	24X42X10	2505	TIMKE	2505	2511337	CHRYS	6872S	252050C91	IH	471413 <sup>2B</sup>
24X42X10TC	TRSCM	24X42X10	25050	C-R	710430	25114	C-R	355732	252051C91	IH	473231 <sup>2B</sup>
24X47X7	TIMKE	24X47X7	25050	HYST	473225	25114	SKF	355732	252051C92	IH	473231 <sup>2B</sup>
24X47X7SC	TRSCM	24X47X7	25050	SKF	710430	2511447	MOPAR	415449 <sup>2B</sup>	252081R91	IH	417316 <sup>2B</sup>
24X47X7TC	TRSCM	24X47X7	25056	C-R	100727	251191	ALLCH	471765 <sup>2B</sup>	252097R91	IH	455186
24X52X7SC	TRSCM	24X52X7	25056	SKF	100727	2512254	CHRYS	6808N	252098R91	IH	455191
24X52X7TC	TRSCM	24X52X7	250580	ALLCH	450301	251232	ALLCH	450273	2521	MID	470219
25001	C-R	710841	250580	ALLCH	472397 <sup>2B</sup>	2512332	CHRYS	415983N <sup>2B</sup>	2521	MID	471649 <sup>2B</sup>
25001	CONTI	471267 <sup>2B</sup>	2506	TIMKE	2506	251242	HR-DV	470548	2521	MID-R	470219
25001	SKF	710841	25060	EUROS	120X150X12	251242	HR-DV	470625 <sup>2B</sup>	2521	MID-R	471649 <sup>2B</sup>
25001-2813	GARLK	415064	250605	ALLCH	415960 <sup>2B</sup>	25130	GARLK	417278	252117	ALLCH	415379 <sup>2B</sup>
25005	C-R	4624V	250605	ALLCH	455009	25-1358	TW-CO	471689 <sup>2B</sup>	252117	ALLCH	455379
25005	HK-SY	415009	250646C91	IH	42101S	2513602	CHRYS	370086A	25214	HARRI	472299
25005	HK-SY	415960 <sup>2B</sup>	25065	C-R	415001N	25137	UNIVE	481443 <sup>2B,29</sup>	252148X09.5C	TROS	8460N
25005	SKF	4624V	25065	SKF	415001N	251378R91	IH	417350 <sup>2B</sup>	25215	HARRI	471270 <sup>2B</sup>
25007	C-R	444042 <sup>2B</sup>	250653R91	IH	471689 <sup>2B</sup>	251378R91	IH	455479	252153	ALLCH	417316 <sup>2B</sup>
25007	SKF	444042	250659R91	IH	470712 <sup>2B</sup>	251379R91	IH	450313	252153	ALLCH	455004
25008H	IH	5MR71	2506925	CHRYS	415449 <sup>2B</sup>	2514	C-R	350435	252154	ALLCH	411376 <sup>2B</sup>
25008HB	IH	5MR71	2506925	CHRYS	455147	2514	SKF	350435	252154	ALLCH	455093
25009	C-R	710430	25071	C-R	416273 <sup>2B</sup>	25140	C-R	4525V	25215608	TROS	5126
25009	SKF	710430	25071	SKF	416273	25140	SKF	4525V	2521RC	SUL	470163
250116	ALLCH	450067	25072S	WABCO	415072	251-407-629	VW	65X80X8	2521RC	SUL	471766 <sup>2B</sup>
250116	ALLCH	473228	25074	C-R	416273	251-407-641A	VW	225500	252253	SPERY	455134 <sup>2B</sup>
250116	JA-MI	450067	25074	SKF	416273	25146	C-R	3136N	252277	ACF	470059
250116	JA-MI	473228	25075	C-R	416273	25146	SKF	3136N	252277	ACF	470380 <sup>2B</sup>
250116	JAE	450067	25075	SKF	416273	2514OS	JN-MN	416292	252277	TIMKE	252277
250116	JAE	473228	25077	C-R	416273	25150	MICH	481568 <sup>2B</sup>	2522A147	MITSU	223010
250118	GOODM	450185	25077	SKF	416273	25150	UNIVE	481568 <sup>2B,29</sup>	2522RC	SUL	415035 <sup>2B</sup>
250118	GOODM	473229	25078	C-R	200851	251511	TIMKE	251511	2522RC	SUL	455035
250119	CLARK	482253	25078	SKF	200851	2515119	CHRYS	410737 <sup>2B</sup>	2523RC	SUL	416339
25012	CLIN	5872S	25080	GARLK	416865 <sup>2B</sup>	2515119	CHRYS	450737	2523RC	SUL	455031 <sup>2B</sup>
250120	GOODM	450194	250801	ALLCH	472258 <sup>2B</sup>	2515187	CHRYS	475368N	252464	GMC	5070
250120	GOODM	473010	25082	C-R	7581H	2515OS	JN-MN	412119 <sup>2B</sup>	252491	ALLCH	473475
250120	JEFF	450194	25082	SKF	7581H	2515OS	JN-MN	450101	2524RC	SUL	450083
250120	JEFF	473010	250832	ALLCH	415035 <sup>2B</sup>	25160	C-R	5401	2524RC	SUL	472924 <sup>2B</sup>
250120K	GOODM	450194	250832	ALLCH	455035	25160	SKF	5401	2525063	CHRYS	41257 <sup>2B</sup>
250120K	GOODM	473010	250833	ALLCH	450067	25162	MICH	481644	252602	ALLCH	471224 <sup>2B</sup>
250124	AT-PL	450352	250833	ALLCH	473228	25162	UNIVE	481644	252612	ALLCH	471192
250124	AT-PL	472164 <sup>2B</sup>	250857	ALLCH	200851	25169	STAR	240735	252649	ALLCH	472287 <sup>2B</sup>
25014808	TROS	200600	2508931	CHRYS	343185	25175	MICH	471337	252815	ALLCH	450183
25016	CONTI	471267 <sup>2B</sup>	2508969	CHRYS	475003N	25175	UNIVE	471337	252815	ALLCH	472179
250187R91	IH	472924 <sup>2B</sup>	250907R91	IH	415304	251756	ALLCH	473445	252825	ALLCH	450316
2501CS	CASE	450415	250907R91	IH	476470 <sup>2B</sup>	25176	C-R	710130	252825	ALLCH	472636 <sup>2B</sup>
250220	ALLCH	470548	25091	C-R	455079 <sup>2B,29</sup>	25176	SKF	710130	252835R91	IH	471785 <sup>2B</sup>
250220	ALLCH	470625 <sup>2B</sup>	25091	SKF	455079	25182	UNIVE	474273	252849	ALLCH	472258 <sup>2B</sup>
250221	ALLCH	470059	250A-116	BUC-E	473228 <sup>2B</sup>	25183	MICH	474273	252882R91	IH	415449 <sup>2B</sup>
250221	ALLCH	470380 <sup>2B</sup>	250A15609.5	TROS	414045 <sup>2B</sup>	251862	ALLCH	450441	252882R91	IH	455147
250222	ALLCH	473016 <sup>2B</sup>	250PKG	TIMKE	250PKG	251862	ALLCH	471341 <sup>2B</sup>	252903	ALLCH	450030
250225	ALLCH	472070	250R	TIMKE	250PKG	25187787	GMC	3543	252903	ALLCH	474253 <sup>2B</sup>
25026	C-R	710577	25100	C-R	415082 <sup>29</sup>	25190	C-R	710277	252PKG	TIMKE	252PKG
25026	SKF	710577	25100	SKF	415082	25190	SKF	710277	252R	TIMKE	252PKG

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
25305	NATL	415991 <sup>28</sup>	2534	TORO	455364	2538	TORO	455147	2543OS	JN-MN	417504 <sup>29</sup>
25305	NATL	415991N	253403	ALLCH	455018	253807XX	TIMKE	25X38X7	25440	C-R	65X100X10
253052	ALLCH	416271 <sup>28</sup>	253403	ALLCH	476470	25384SA	TRSCM	455280	25440	C-R	65X100X7
253099	TIMKE	253099	253413	ALLCH	470687	2538557	CHRY5	473234 <sup>28</sup>	25440	SKF	65X100X10
2531	CHRY5	471750 <sup>28</sup>	25343TB	TRSCM	473274	2539	ALOY	473677	25440	SKF	65X100X7
2531	TORO	450545	25344	TORO	40140S	2539	TORO	451583 <sup>28</sup>	25450	GARLK	417359
25310	GARLK	417262 <sup>28</sup>	253441	ALLCH	472179	25391	TORO	415088 <sup>28</sup>	254508XX	TIMKE	25X45X8
25310	TORO	471733	25347	TORO	471344	25391	TORO	455088	254607XX	TIMKE	25X46X7
253100	TORO	204035	25348	TORO	473448	25393TB	TRSCM	476514	254632	SPICE	410520
253109	TORO	417485	2535	ALOY	3195	25396	TORO	472560N <sup>28</sup>	254632	SPICE	471272 <sup>28</sup>
25312	TORO	415449 <sup>28</sup>	25350	GARLK	417358	25396	TORO	50151S	2546357	CLARK	415425
25312	TORO	455147	253502VAY	TRSCM	8975S	253PKG	TIMKE	253PKG	254635C91	IH	473231 <sup>28</sup>
253122	TORO	471643 <sup>28</sup>	253504SSB	TRSCM	7581H	253R	TIMKE	253PKG	254662C91	IH	473231 <sup>28</sup>
25312VH	TRSCM	43290S	253506XX	TIMKE	25X35X6	25400	GARLK	415645 <sup>28</sup>	254670	ALLCH	471787 <sup>28</sup>
25313TB	TRSCM	472029	253515	ALLCH	450519	254002	SPERY	416043	254707XX	TIMKE	25X47X7
25315	TORO	470027	253515	ALLCH	471271 <sup>28</sup>	254007XX	TIMKE	25X40X7	254808XX	TIMKE	25X48X8
25315	TORO	471554 <sup>28</sup>	25352	TORO	471870 <sup>28</sup>	254032-C91	IH	370120A	254882	ALLCH	472439
25318	TORO	415449 <sup>28</sup>	25352	TORO	471883	254032C91	NAVST	370120A	25488202	ALLCH	472439
25318	TORO	455147	25352VH	TRSCM	444042 <sup>28</sup>	2540D	GOODM	415021	254883	ALLCH	416404 <sup>28</sup>
25319	TORO	473215 <sup>28</sup>	25353	TORO	470347	25410	C-R	65X80X8	25492	LAU	470954 <sup>28</sup>
2531A	DURA	471750 <sup>28</sup>	25353	TORO	474254	25410	SKF	65X80X8	2549RC	SUL	417513
25321	TORO	450291	25354	TORO	472432	25416	C-R	65X80X8 <sup>28</sup>	254A14407.5	TR0S	470596
25321	TORO	471141 <sup>28</sup>	25354	TORO	474256	25416	SKF	65X80X8	254PKG	TIMKE	254PKG
25322	TORO	415449 <sup>28</sup>	253541	ALLCH	450070	25418	C-R	710094	254R	TIMKE	254PKG
25322	TORO	455147	253541	ALLCH	472185 <sup>28</sup>	25418	SKF	710094	2550106	CHRY5	370001A
25322VB	TRSCM	442380	253544SA	TRSCM	455001	25419	C-R	712005	2550106	CHRY5	380001A
25323TB	TRSCM	471271 <sup>28</sup>	253545TA	TRSCM	415001 <sup>28</sup>	25419	SKF	712005	25515	C-R	5123
25324	TORO	471820	25354SA	TRSCM	455147	25420	C-R	226520	25515	SKF	5123
253248	ALLCH	473463	25354TA	TRSCM	415147	25420	C-R	65X85X10	25517-60B01	SUZUK	710820
25324SA	TRSCM	450519	253579	ALLCH	416273	25420	C-R	65X85X8	25517-60B01-000	SUZUK	710820
25324TA	TRSCM	410519	2536	ALOY	4950	25420	C-R	65X85X8	25518	C-R	226510
25325	TORO	416664 <sup>28</sup>	2536	TORO	471750 <sup>28</sup>	25420	SKF	226520	25518	SKF	226510
25325	TORO	455364	25360	TORO	200354	25420	SKF	65X85X10	25519058	GMC	710162
253265	ALLCH	450066	253607XX	TIMKE	25X36X7	25420	SKF	65X85X8	2551RC	SUL	415988
253265	ALLCH	473367 <sup>28</sup>	253608XX	TIMKE	25X36X8	25420407.25	TROS	5877	255207XX	TIMKE	25X52X7
25327	TORO	472070	253632	ALLCH	473243	254206XX	TIMKE	25X42X6	255208XX	TIMKE	25X52X8
25328	TORO	471442 <sup>28</sup>	2536480	CHRY5	3095	254208XX	TIMKE	25X42X8	25523327	GMC	710162
25329	TORO	471442 <sup>28</sup>	2536481	CHRY5	3103 <sup>28</sup>	25421	C-R	710373	25524	MALL	471652
253297	ALLCH	40438S	25364SA	TRSCM	416273 <sup>28</sup>	25421	SKF	710373	2552584	CHRY5	370023A
2533	ALOY	8430S	2536694	CHRY5	3103 <sup>28</sup>	254241R92	IH	473205 <sup>28</sup>	2552584	CHRY5	380023A
2533	TORO	471787 <sup>28</sup>	253691	ALLCH	450316	25425	C-R	65X88X10	255267R91	IH	415034 <sup>28</sup>
25330	TORO	410308 <sup>28</sup>	253691	ALLCH	472636 <sup>28</sup>	25425	C-R	65X88X8 <sup>28</sup>	255267R91	IH	455034
25330	TORO	450308	2536D	GOODM	417172	25425	SKF	65X88X10	255281C91	IH	100495
25331	TORO	470059	2536T2	DIA	450365	25425	SKF	65X88X8	255281C91	IH	415281N
25331	TORO	470380 <sup>28</sup>	2536T2	DIA	470898 <sup>28</sup>	254270	NATL	7750	255282C91	IH	100495
25332	TORO	470027	2536T2	WHITE	450867	254270	TIMKE	254270	255282C91	IH	415281N
25332	TORO	471554 <sup>28</sup>	2536T2	WHITE	470898	25427F	DIA	6597S	25531	US-EL	470169
253341	ALLCH	471571	2537	ALOY	8622	254287	TIMKE	254287	25531	US-EL	473214 <sup>28</sup>
253354SA	TRSCM	410496	2537	TORO	471765 <sup>28</sup>	2542OS	JN-MN	455480 <sup>28</sup>	25534760	GMC	320691
253358	ALLCH	416919N	25370	TORO	340797	25430	C-R	226530	25544	BOSTN	471224 <sup>28</sup>
25336	TORO	470219	253701	ALLCH	471692 <sup>28</sup>	25430	SKF	226530	25548	LAU	471267 <sup>28</sup>
25336	TORO	471649 <sup>28</sup>	253707XX	TIMKE	25X37X7	25433	C-R	65X88X10	255502	HYST	473228 <sup>28</sup>
25338	TORO	470120	2537153	CHRY5	474278 <sup>28</sup>	25433	SKF	65X88X10	25561	C-R	413479
25338	TORO	471224 <sup>28</sup>	2537153	CHRY5	6859S	25434	C-R	226530 <sup>29</sup>	25561	SKF	413479
253382	ALLCH	417316 <sup>28</sup>	253747	TIMKE	253747	25434	C-R	65X90X10	25572	C-R	710672
253388	ALLCH	416892 <sup>28</sup>	25374SA	TRSCM	455079 <sup>28</sup>	25434	SKF	226530	25572	SKF	710672
2533D	GOODM	416011	2537689	CHRY5	471466 <sup>28</sup>	25434	SKF	65X90X10	25577	C-R	415302
2533D	GOODM	417621 <sup>28</sup>	2537899	CHRY5	7013S	25434	SKF	65X90X10	25577	SKF	415302
2534	ALOY	4148	2538	ALOY	203025	25436	C-R	65X95X7	25579	C-R	710373
2534	TORO	416664 <sup>28</sup>	2538	TORO	415449 <sup>28</sup>	25436	SKF	65X95X7	25579	SKF	710373

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
25584	C-R	<b>710610</b>	25620811	TROS	<b>470898</b>	25814808	TROS	<b>450291</b>	258511DD	WALKE	<b>417567</b>
25584	SKF	<b>710610</b>	25624339	VOLVO	<b>415272N</b>	25814808	TROS	<b>471141<sup>2B</sup></b>	258511DD	Y-T	<b>417567</b>
25585	C-R	<b>226510</b>	256258	BRCWY	<b>473215<sup>2B</sup></b>	25850	GARLK	<b>417362<sup>2B</sup></b>	258511E	WALKE	<b>451469</b>
25585	SKF	<b>226510</b>	25626	NEWPR	<b>710652</b>	258511A	WALKE	<b>450070</b>	258511E	Y-T	<b>451469</b>
25587	C-R	<b>415098N</b>	256273	BRCWY	<b>450593<sup>2B</sup></b>	258511A	WALKE	<b>472185<sup>2B</sup></b>	258511EE	WALKE	<b>450115</b>
25587	SKF	<b>415098N</b>	256302SP	TRSCM	<b>5123</b>	258511A	Y-T	<b>450070</b>	258511EE	WALKE	<b>473467<sup>2B</sup></b>
2559054	CHRYS	<b>370001A</b>	256345TA	TRSCM	<b>413479</b>	258511A	Y-T	<b>472185<sup>2B</sup></b>	258511EE	Y-T	<b>450115</b>
2559054	CHRYS	<b>380001A</b>	25641	C-R	<b>415988</b>	258511AA	WALKE	<b>413469<sup>2B</sup></b>	258511EE	Y-T	<b>473467<sup>2B</sup></b>
2559055	CHRYS	<b>370023A</b>	25641	SKF	<b>415988</b>	258511AB	WALKE	<b>417501</b>	258511F	WALKE	<b>415645<sup>2B</sup></b>
2559055	CHRYS	<b>380023A</b>	25650	GARLK	<b>417360</b>	258511AB	Y-T	<b>417501</b>	258511F	WALKE	<b>455104</b>
2559304	CHRYS	<b>370001A</b>	25661	C-R	<b>415988</b>	258511AC	WALKE	<b>415991</b>	258511FF	WALKE	<b>470950<sup>2B</sup></b>
2559304	CHRYS	<b>380001A</b>	25661	SKF	<b>415988</b>	258511AC	WALKE	<b>455146<sup>2B</sup></b>	258511FF	WALKE	<b>6241S</b>
2559685	CHRYS	<b>370023A</b>	2566OS	JN-MN	<b>455195</b>	258511AD	Y-T	<b>473010<sup>2B</sup></b>	258511FF	Y-T	<b>470950<sup>2B</sup></b>
2559685	CHRYS	<b>380023A</b>	2566OS	JN-MN	<b>472157<sup>2B</sup></b>	258511AH	Y-T	<b>473179<sup>2B</sup></b>	258511FF	Y-T	<b>6241S</b>
2559689	CHRYS	<b>370001A</b>	256725R91	IH	<b>410085</b>	258511AK	EATON	<b>471103<sup>2B</sup></b>	258511G	WALKE	<b>470077</b>
2559689	CHRYS	<b>380001A</b>	256725R91	IH	<b>470530<sup>2B</sup></b>	258511AK	EATON	<b>50197S</b>	258511G	WALKE	<b>474281<sup>2B</sup></b>
255PKG	TIMKE	<b>255PKG</b>	256726R91	IH	<b>412920<sup>2B</sup></b>	258511AK	WALKE	<b>471103<sup>2B</sup></b>	258511G	Y-T	<b>470077</b>
255R	TIMKE	<b>255PKG</b>	2567RC	SUL	<b>471466<sup>2B</sup></b>	258511AK	WALKE	<b>50197S</b>	258511G	Y-T	<b>474281<sup>2B</sup></b>
2560	C-R	<b>240435</b>	25680	GARLK	<b>416107<sup>2B</sup></b>	258511AK	Y-T	<b>471103<sup>2B</sup></b>	258511GG	WALKE	<b>416444</b>
2560	SKF	<b>240435</b>	256A20006.25	TROS	<b>472082</b>	258511AK	Y-T	<b>50197S</b>	258511H	WALKE	<b>417357</b>
2560012	MOPAR	<b>415060</b>	256A20008	TROS	<b>472082</b>	258511AM	Y-T	<b>470548</b>	258511H	WALKE	<b>455192<sup>2B</sup></b>
2560039	STAND	<b>410737<sup>2B</sup></b>	256A20807	TROS	<b>9599S</b>	258511AM	Y-T	<b>470625<sup>2B</sup></b>	258511H	Y-T	<b>417357</b>
2560039	STAND	<b>450737</b>	256B20007.5	TROS	<b>472082</b>	258511AO	Y-T	<b>470898</b>	258511H	Y-T	<b>455192<sup>2B</sup></b>
2561031	CHRYS	<b>370023A</b>	256D15206	TROS	<b>473450<sup>2B</sup></b>	258511AQ	Y-T	<b>415551</b>	258511HH	WALKE	<b>417351<sup>2B</sup></b>
2561031	CHRYS	<b>380023A</b>	256PKG	TIMKE	<b>256PKG</b>	258511AR	Y-T	<b>476838<sup>2B</sup></b>	258511HH	WALKE	<b>455154</b>
25614007.5	TROS	<b>450078</b>	256R	TIMKE	<b>256PKG</b>	258511AW	Y-T	<b>455134<sup>2B</sup></b>	258511HH	Y-T	<b>417351<sup>2B</sup></b>
25614007.5	TROS	<b>473444</b>	2570T2	WHITE	<b>471538<sup>2B</sup></b>	258511B	WALKE	<b>410102</b>	258511HH	Y-T	<b>455154</b>
25614407.5	TROS	<b>473446</b>	25710	C-R	<b>9943</b>	258511B	Y-T	<b>410102</b>	258511J	EATON	<b>415351<sup>2B</sup></b>
25614804	TROS	<b>471141<sup>2B</sup></b>	25710	GARLK	<b>417361</b>	258511BB	WALKE	<b>415150<sup>2B</sup></b>	258511J	WALKE	<b>415351<sup>2B</sup></b>
25614807.5	TROS	<b>450291</b>	25710	SKF	<b>9943</b>	258511BE	Y-T	<b>50528</b>	258511J	Y-T	<b>415351<sup>2B</sup></b>
25614807.5	TROS	<b>471141<sup>2B</sup></b>	25713	C-R	<b>417481</b>	258511BG	Y-T	<b>352541</b>	258511JJ	WALKE	<b>473242</b>
25614808	TROS	<b>450291</b>	25713	SKF	<b>417481</b>	258511BH	EATON	<b>455480<sup>2B</sup></b>	258511JJ	Y-T	<b>473242</b>
25614808	TROS	<b>471141<sup>2B</sup></b>	25720804	TROS	<b>42101S</b>	258511BH	Y-T	<b>455480<sup>2B</sup></b>	258511K	WALKE	<b>411376<sup>2B</sup></b>
25615208	TROS	<b>473450</b>	257209R91	IH	<b>471564</b>	258511BJ	Y-T	<b>415371</b>	258511K	WALKE	<b>455093</b>
25615604	TROS	<b>473238<sup>2B</sup></b>	257215R91	IH	<b>410163</b>	258511BL	EATON	<b>415074</b>	258511K	Y-T	<b>411376<sup>2B</sup></b>
25615607.5	TROS	<b>450082</b>	257215R91	IH	<b>471766<sup>2B</sup></b>	258511BL	Y-T	<b>415074</b>	258511K	Y-T	<b>455093</b>
25615607.5	TROS	<b>473238</b>	257304R91	IH	<b>471684<sup>2B</sup></b>	258511BM	EATON	<b>415938</b>	258511KK	WALKE	<b>471413<sup>2B</sup></b>
25615608	TROS	<b>473238<sup>2B</sup></b>	257304R91	IH	<b>471698</b>	258511BM	Y-T	<b>415938</b>	258511L	WALKE	<b>450117</b>
25615608.5	TROS	<b>2689S</b>	257310R91	IH	<b>470625<sup>2B</sup></b>	258511BN	EATON	<b>473231<sup>2B</sup></b>	258511L	WALKE	<b>472572<sup>2B</sup></b>
25616007.5	TROS	<b>472144<sup>2B</sup></b>	257.400	ELRNG	<b>710785</b>	258511BN	Y-T	<b>473231<sup>2B</sup></b>	258511L	Y-T	<b>450117</b>
25617	VICK	<b>472015<sup>2B</sup></b>	25745	C-R	<b>455280</b>	258511BR	Y-T	<b>416556<sup>2B</sup></b>	258511L	Y-T	<b>472572<sup>2B</sup></b>
256192	BRCWY	<b>450301</b>	25745	SKF	<b>455280</b>	258511BR	Y-T	<b>472157</b>	258511LL	WALKE	<b>470062</b>
256192	BRCWY	<b>472397<sup>2B</sup></b>	25748	C-R	<b>455280</b>	258511BT	EATON	<b>473237<sup>2B</sup></b>	258511LL	WALKE	<b>474264</b>
256199	BRCWY	<b>415449<sup>2B</sup></b>	25748	SKF	<b>455280</b>	258511BT	Y-T	<b>473237<sup>2B</sup></b>	258511LL	Y-T	<b>470062</b>
256199	BRCWY	<b>455147</b>	257505	PEUGE	<b>710780</b>	258511BV	EATON	<b>415074</b>	258511LL	Y-T	<b>474264</b>
25620	GARLK	<b>417254</b>	257739R91	IH	<b>481073</b>	258511BV	Y-T	<b>455480<sup>2B</sup></b>	258511M	WALKE	<b>470120</b>
25620007.5	TROS	<b>417487</b>	257.770	ELRNG	<b>229005</b>	258511BY	EATON	<b>416011</b>	258511M	WALKE	<b>471224<sup>2B</sup></b>
25620007.5	TROS	<b>455086</b>	25784	ALLCH	<b>415041</b>	258511BY	EATON	<b>417621<sup>2B</sup></b>	258511M	Y-T	<b>470120</b>
25620008	TROS	<b>450083</b>	25790301	ALLCH	<b>471267<sup>2B</sup></b>	258511BY	Y-T	<b>416011</b>	258511M	Y-T	<b>471224<sup>2B</sup></b>
25620008	TROS	<b>472924<sup>2B</sup></b>	257920R91	IH	<b>415034<sup>2B</sup></b>	258511BY	Y-T	<b>417621<sup>2B</sup></b>	258511MM	WALKE	<b>473245<sup>2B</sup></b>
25620408	TROS	<b>451948</b>	257920R91	IH	<b>455034</b>	258511C	WALKE	<b>416339</b>	258511N	WALKE	<b>417181<sup>2B</sup></b>
256207XX	TIMKE	<b>25X62X7</b>	257970R91	IH	<b>415034<sup>2B</sup></b>	258511C	WALKE	<b>455031<sup>2B</sup></b>	258511N	Y-T	<b>417181<sup>2B</sup></b>
25620804	TROS	<b>40566S</b>	257970R91	IH	<b>455034</b>	258511C	Y-T	<b>416339</b>	258511NN	EATON	<b>415991</b>
25620805	TROS	<b>6879H</b>	257PKG	TIMKE	<b>257PKG</b>	258511C	Y-T	<b>455031<sup>2B</sup></b>	258511NN	EATON	<b>455146<sup>2B</sup></b>
25620806C	TROS	<b>6879H</b>	257R	TIMKE	<b>257PKG</b>	258511CC	WALKE	<b>417366<sup>2B</sup></b>	258511NN	WALKE	<b>415991</b>
25620807	TROS	<b>450867</b>	258019	RELEE	<b>417556</b>	258511CC	Y-T	<b>417366<sup>2B</sup></b>	258511NN	WALKE	<b>455146<sup>2B</sup></b>
25620807	TROS	<b>470898</b>	25809D	IH	<b>473427</b>	258511D	WALKE	<b>470059</b>	258511O	WALKE	<b>415449<sup>2B</sup></b>
25620807.5	TROS	<b>450365</b>	258120	HYST	<b>7512SSO</b>	258511D	WALKE	<b>470380<sup>2B</sup></b>	258511O	WALKE	<b>455147</b>
25620807.5	TROS	<b>470898</b>	258121C91	IH	<b>415035</b>	258511D	Y-T	<b>470059</b>	258511O	Y-T	<b>415449<sup>2B</sup></b>
25620810	TROS	<b>470898</b>	258121C91	IH	<b>415953</b>	258511D	Y-T	<b>470380<sup>2B</sup></b>	258511O	Y-T	<b>455147</b>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
258511P	WALKE	416865 <sup>28</sup>	258T2	WHITE	455147	25X45X8	TIMKE	25X45X8	2603141	TREME	2506
258511P	WALKE	455070	2590276C1	IH	100494	25X45X8SC	TRSCM	25X45X8	26031569	GMC	710101
258511PP	WALKE	450066	25909	STAR	471737	25X45X8TC	TRSCM	25X45X8	26033578	GMC	2043
258511PP	WALKE	473367 <sup>28</sup>	2590A052	MITSU	223010	25X46X7	TIMKE	25X46X7	26037278	GMC	7013S
258511PP	Y-T	450065	25910	GARLK	416666	25X46X7SC	TRSCM	25X46X7	26037309	GMC	4762N
258511Q	WALKE	416888 <sup>28</sup>	259147	ACF	410496 <sup>28</sup>	25X46X7TC	TRSCM	25X46X7	2603865	TREME	3638
258511Q	WALKE	455200	259220	RELEE	471567 <sup>28</sup>	25X47X7	TIMKE	25X47X7	2603979	TREME	2194
258511QQ	WALKE	450069	25925	GARLK	417364	25X47X7SC	TRSCM	25X47X7	26041M	DIA	411500
258511QQ	WALKE	473232	259323C91	IH	42101S	25X47X7TC	TRSCM	25X47X7	26042234	GMC	7013S
258511R	WALKE	415196 <sup>28</sup>	2593913C91	IH	710454	25X52X7	TIMKE	25X52X7	26043	MINNM	470358
258511R	Y-T	415196 <sup>28</sup>	259407PTBJ	TRSCM	712598	25X52X7SC	TRSCM	25X52X7 <sup>28</sup>	26043	MINNM	473231
258511R91	IH	410708	25952	NEWPR	710691	25X52X7SG	TRSCM	25X52X7 <sup>28</sup>	26043126	GMC	7013S
258511RR	WALKE	450301	25965	C-R	226610	25X52X7TC	TRSCM	25X52X7 <sup>28</sup>	26043126	SAAB	7013S
258511RR	WALKE	472397 <sup>28</sup>	25965	SKF	226610	25X52X8	TIMKE	25X52X8	2604421	TREME	313156
258511RR	Y-T	450301	25968	C-R	710092	25X52X8SC	TRSCM	25X52X8	2604493	TREME	2503N
258511RR	Y-T	472397 <sup>28</sup>	25968	SKF	710092	25X52X8TC	TRSCM	25X52X8	26047378	GMC	8835S
258511S	WALKE	417316 <sup>28</sup>	25970	C-R	411330N	260004R91	IH	470354	26050	GARLK	415072
258511S	WALKE	455004	25970	SKF	411330N	26001-5239	GARLK	40140S	26053322	GMC	710491
258511S	Y-T	417316 <sup>28</sup>	25978404	ALLCH	415281N	26001-6069	GARLK	8792S	26057167	GMC	710105
258511S	Y-T	455004	259805	HYST	J1117	26001-6133	GARLK	340483	26059623	GMC	710648
258511SS	WALKE	55238	25981-60G10	SUZUK	221207	26001-6284	GARLK	341022	26059624	GMC	710497
258511SS	Y-T	55238	25981-60G10-000	SUZUK	221207	26001-6304	GARLK	310841	26059RC	SUL	417211 <sup>28</sup>
258511T	WALKE	471750 <sup>28</sup>	25981-82300	SUZUK	710116	26001-7007	GARLK	240470	26060109	GMC	710536
258511T	Y-T	471750 <sup>28</sup>	259854R91	IH	415147	26001-7011	GARLK	342805	26061024	GMC	710568
258511TT	WALKE	470682	259854R91	IH	415449 <sup>28</sup>	26001-7012	GARLK	342805	2606104	TREME	4528N
258511U	WALKE	450095	259895R92	IH	415072	26001-7013	GARLK	8792S	26064028	AA&M	710506
258511U	WALKE	473464 <sup>28</sup>	25990	C-R	712598	26001-7020	GARLK	340387	26064028	GMC	710506
258511U	Y-T	450095	25990	SKF	712598	26001-7021	GARLK	340724 <sup>28</sup>	26064028	SAAB	710506
258511U	Y-T	473464 <sup>28</sup>	259960	ALLCH	6324S	26001-7023	GARLK	340009S	26064029	AA&M	710507
258511UU	WALKE	471760	25996D	IH	415025	26001-7024	GARLK	351487	26064029	GMC	710507
258511UU	Y-T	471760	259975247	MERCE	710904	26001-7033	GARLK	350954	26064029	SAAB	710507
258511V	WALKE	471570 <sup>28</sup>	259PKG	TIMKE	259PKG	26001-7033	GARLK	470954 <sup>28</sup>	26064030	AA&M	710508
258511V	Y-T	471570 <sup>28</sup>	259R	TIMKE	259PKG	26001-7034	GARLK	40027S	26064030	GMC	710508
258511VV	WALKE	473313	25CJ1-1	BR-WN	450067	26001-7055	GARLK	40230S	260666	HYST	416892 <sup>28</sup>
258511VV	Y-T	473313	25CJ1-1	BR-WN	473228	26001-7080	GARLK	340400	2607RC	SUL	470219
258511W	WALKE	415036	2/5-F990	MERIX	410312N	26001-7093	GARLK	310841	2607RC	SUL	471649 <sup>28</sup>
258511WWW	WALKE	471192	2/5-F990	ROCKW	410312N	26001-8000	GARLK	7014S	26091733	GMC	710492
258511WWW	Y-T	471192	25FTD1	BR-WN	450639	26002517	GMC	222025	26094851	GMC	100712V
258511X	WALKE	471747 <sup>28</sup>	25M-1	BR-WN	470163	26002612	GMC	7013S	260PKG	TIMKE	260PKG
258511X	WALKE	472674	25M-1	BR-WN	471766 <sup>28</sup>	26004811	GMC	2286	260R	TIMKE	260PKG
258511XX	WALKE	470169	25W1	BR-WN	410163	2600888	CHRY	470169	26110	C-R	411143N
258511XX	WALKE	473214 <sup>28</sup>	25W1	BR-WN	471766 <sup>28</sup>	2600888	CHRY	473214 <sup>28</sup>	26110	C-R	451143
258511XX	Y-T	470169	25X35X6	TIMKE	25X35X6	26009	LAU	471255 <sup>28</sup>	26110	SKF	411143N
258511XX	Y-T	473214 <sup>28</sup>	25X36X7	TIMKE	25X36X7	26009831	GMC	7013S	26110	SKF	451143
258511Y	WALKE	450154	25X36X8	TIMKE	25X36X8	26010792	GMC	710166	2611035	WOOL	417474
258511Y	WALKE	473234	25X36X8SC	TRSCM	25X36X8	2601099	CLARK	9613S	2612252	ALLCH	471737
258511Y	Y-T	450154	25X36X8TC	TRSCM	25X36X8	260110	CLARK	472826 <sup>28</sup>	26123	C-R	412871 <sup>28</sup>
258511Y	Y-T	473234	25X37X7	TIMKE	25X37X7	26011061	GMC	4795V	26123	C-R	450329
258511YY	WALKE	473215 <sup>28</sup>	25X37X7SC	TRSCM	25X37X7	26011597	GMC	3543	26123	SKF	412871
258511YY	Y-T	450194	25X37X7TC	TRSCM	25X37X7	260135R91	IH	470059	26123	SKF	450329
258511YY	Y-T	473010	25X38X7	TIMKE	25X38X7	260135R91	IH	470380 <sup>28</sup>	26124	C-R	412871 <sup>28</sup>
258511Z	WALKE	470088	25X38X7SC	TRSCM	25X38X7 <sup>28</sup>	26018700	GMC	4795V	26124	C-R	450329
258511Z	Y-T	470088	25X38X7TC	TRSCM	25X38X7 <sup>28</sup>	26025959	GMC	7013S	26124	SKF	412871
258511ZZ	WALKE	471424 <sup>28</sup>	25X40X7SC	TRSCM	25X40X7	26025977	GMC	7013S	26124	SKF	450329
258511ZZ	Y-T	471424 <sup>28</sup>	25X40X7TC	TRSCM	25X40X7	26026792	GMC	8610	26128	C-R	412871 <sup>29</sup>
25890	GARLK	417363	25X40X8SB	TRSCM	25X40X7	26026973	GMC	7013S	26128	C-R	450329
25897	WHITE	473215 <sup>28</sup>	25X42X6	TIMKE	25X42X6	26027103	GMC	222036	26128	SKF	412871
258PKG	TIMKE	258PKG	25X42X8	TIMKE	25X42X8	26029137	GMC	710166	26128	SKF	450329
258R	TIMKE	258PKG	25X42X8SC	TRSCM	25X42X8	26029139	GMC	8660S	2613075	DANA	6936S
258T2	WHITE	415449 <sup>28</sup>	25X42X8TC	TRSCM	25X42X8	26030	GARLK	417365	2613128	DANA	471344

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
261336	SPERY	472164 <sup>28</sup>	26193-7518	GARLK	471766 <sup>28</sup>	2620316	ACDEL	475458	2620392	ACDEL	8974S
26137	MICH	471231 <sup>28</sup>	26193-7520	GARLK	340853	2620317	ACDEL	481837	2620393	ACDEL	9015S
26137	UNIVE	471231 <sup>28</sup>	26193-7521	GARLK	330663	2620318	ACDEL	4148	2620394	ACDEL	9049N
26141	C-R	410708 <sup>29</sup>	26193-7521	GARLK	472354 <sup>28</sup>	2620319	ACDEL	50151S	2620397	ACDEL	9150S
26141	SKF	410708	26193-7534	GARLK	476842	2620320	ACDEL	410987	2620398	ACDEL	9161
26144	C-R	413248 <sup>29</sup>	26193-8356	GARLK	481481	2620321	ACDEL	5109	2620399	ACDEL	9178S
26144	SKF	413248	26193-88	GARLK	471466 <sup>28</sup>	2620322	ACDEL	51098	26204	C-R	415458V
26150	MICH	450030	26193-8949	GARLK	481481	2620323	ACDEL	410825	26204	C-R	475003N
26150	MICH	474253	26193-8952	GARLK	471633 <sup>28</sup>	2620326	ACDEL	51322	26204	SKF	415458V
26150	UNIVE	450030	26193-9489	GARLK	471570 <sup>28</sup>	2620327	ACDEL	484054	26204	SKF	475003N
26150	UNIVE	474253 <sup>28</sup>	26193-9490	GARLK	471649 <sup>28</sup>	2620328	ACDEL	484058	2620402	ACDEL	9363S
26153	C-R	413248	26193-9675	GARLK	450400	2620330	ACDEL	417485	2620403	ACDEL	9406S
26153	SKF	413248	26193-9879	GARLK	335924N	2620331	ACDEL	5573	2620404	ACDEL	8705S
26156	UNIVE	470515	26193-9971	GARLK	481181 <sup>28</sup>	2620332	ACDEL	415857	2620405	ACDEL	9568
261576C91	IH	40566S	26193-9971	GARLK	481181N	2620333	ACDEL	455860	2620406	ACDEL	9569S
26162	MICH	471645	26193-9975	GARLK	472015 <sup>28</sup>	2620334	ACDEL	5589	2620408	ACDEL	8705S
26162	UNIVE	471645	26193-9991	GARLK	481443 <sup>28</sup>	2620335	ACDEL	414045	2620409	ACDEL	9864S
26163	C-R	450412 <sup>29</sup>	26193-9992	GARLK	480581	2620337	ACDEL	6064	2620411	ACDEL	9912
26163	SKF	450412	26194	C-R	417079	2620339	ACDEL	6241S	2620465	MERCM	7840S
261733	SPERY	471765 <sup>28</sup>	26194	SKF	417079	2620340	ACDEL	493291	2620513	MERCM	340483
26175	MICH	471686	261-A5291	BENDI	471267 <sup>28</sup>	2620343	ACDEL	6781	2620530	MERCM	340787
26175	UNIVE	471686	261-A5292	BENDI	471564	2620344	ACDEL	6815	26208	C-R	415458V
26182	UNIVE	473412	261A5293	BENDI	471466 <sup>28</sup>	2620345	ACDEL	6840S	26208	LAU	471267 <sup>28</sup>
26183	MICH	473412	261PKG	TIMKE	261PKG	2620346	ACDEL	9568	26208	SKF	415458V
26186	C-R	415483	261R	TIMKE	261PKG	2620349	ACDEL	6954S	26208M	DIA	415001 <sup>28</sup>
26186	HYST	471820	2620068	MERCM	340009S	2620350	ACDEL	44053	26208M	DIA	455001
26186	SKF	415483	2620070	MERCM	340724 <sup>28</sup>	2620351	ACDEL	6960	26209	C-R	415458 <sup>28,29</sup>
26189	C-R	415483 <sup>28</sup>	2620250	MERCM	350954	2620353	ACDEL	205017	26209	C-R	455003
26189	C-R	455368	2620250	MERCM	470954 <sup>28</sup>	2620354	ACDEL	6985	26209	SKF	415458
26189	SKF	415483	2620280	ACDEL	1012N	2620355	ACDEL	7022S	26209	SKF	455003
26189	SKF	455368	2620281	ACDEL	224045	2620359	ACDEL	7537S	2620948	MERCM	471538 <sup>28</sup>
26190	C-R	415483	2620282	ACDEL	227040	2620360	ACDEL	7600S	26211	C-R	415458 <sup>28</sup>
26190	SKF	415483	2620283	ACDEL	203006	2620361	ACDEL	7607	26211	SKF	415458
26191	C-R	475368N	2620284	ACDEL	203008	2620363	ACDEL	7687S	262118	GR-DV	470682
26191	SKF	475368N	2620285	ACDEL	205044	2620364	ACDEL	5113	262119	CLARK	451469
26193-0291	GARLK	471649 <sup>28</sup>	2620286	ACDEL	2081	2620366	ACDEL	7834	262120	CLARK	450069
26193-0541	GARLK	471192	2620287	ACDEL	2146	2620367	ACDEL	7886S	262120	CLARK	473232
26193-0714	GARLK	450185	2620288	ACDEL	4250	2620368	ACDEL	470064	262123	MINMA	450068
26193-0714	GARLK	473229	2620290	ACDEL	2689S	2620369	ACDEL	7934S	262124	CLARK	472185 <sup>28</sup>
26193-13	GARLK	330385 <sup>28</sup>	2620292	ACDEL	291295	2620370	ACDEL	7994S	262124	GR-DV	450070
26193-1329	GARLK	472015 <sup>28</sup>	2620294	ACDEL	331301N	2620371	ACDEL	8121S	262124	GR-DV	472185 <sup>28</sup>
26193-1482	GARLK	471138 <sup>28</sup>	2620294A	GMC	331301N	2620372	ACDEL	8133S	262124K	BENDI	471801 <sup>28</sup>
26193-3130	GARLK	415938	2620295	ACDEL	340356	2620373	ACDEL	8139	262153	ACF	470045
26193-4701	GARLK	472954	2620298	ACDEL	41787S	2620375	ACDEL	8243	262153	ACF	476838 <sup>28</sup>
26193-5085	GARLK	481537	2620299	ACDEL	40769S	2620376	ACDEL	8293S	26216	JNISON	455144
26193-51	GARLK	471526 <sup>28</sup>	2620300	ACDEL	40973S	2620377	ACDEL	51098	2621642	MERCM	343185
26193-6099	GARLK	481397	2620301	ACDEL	41257	2620378	ACDEL	8429S	2621670	MERCM	240119
26193-6103	GARLK	471529	2620302	ACDEL	4148	2620379	ACDEL	6960	26217	JNISON	J1119
26193-6113	GARLK	1049	2620304	ACDEL	442380	2620380	ACDEL	8477S	2621740	MERCM	340787
26193-6156	GARLK	471270 <sup>28</sup>	2620305	ACDEL	470380	2620381	ACDEL	8549S	2621757	MERCM	340815
26193-6169	GARLK	471652	2620306	ACDEL	450067	2620382	ACDEL	8594S	2621970	MERCM	340724 <sup>28</sup>
26193-6186	GARLK	7412S	2620307	ACDEL	450143	2620383	ACDEL	8597S	26220	C-R	475003N
26193-7482	GARLK	455583N <sup>28</sup>	2620308	ACDEL	482253	2620384	ACDEL	8660S	26220	SKF	475003N
261937488	GARLK	471551 <sup>28</sup>	2620309	ACDEL	451948	2620385	ACDEL	8695S	26220008	TROS	205044
26193-7501	GARLK	330699 <sup>28</sup>	2620310	ACDEL	470487N	2620386	ACDEL	8704S	26220F	DIA	450082
26193-7504	GARLK	472705 <sup>28</sup>	2620311	ACDEL	471862	2620387	ACDEL	8705S	26220F	DIA	473238
26193-7510	GARLK	350414	2620312	ACDEL	450776	2620388	ACDEL	9569S	26226402	ALLCH	472324 <sup>28</sup>
26193-7510	GARLK	472311 <sup>28</sup>	2620313	ACDEL	451182	2620389	ACDEL	8835S	2622710A	ACDEL	5123
26193-7512	GARLK	1037	2620314	ACDEL	470987	2620390	ACDEL	8871	2622711A	ACDEL	416125
26193-7517	GARLK	481163 <sup>28</sup>	2620315	ACDEL	472856	2620391	ACDEL	8940S	2622712A	ACDEL	5121

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2623001	FMC	471647	26232511	MERCM	471766 <sup>28</sup>	264183	GMC	470120	264701R91	IH	415449 <sup>28</sup>
2623028	FMC	450494	262328	C-R	415007 <sup>29</sup>	264183	GMC	471224 <sup>28</sup>	264745R91	IH	210945
2623028	FMC	472164 <sup>28</sup>	262328	SKF	415007	26410S	JN-MN	415458 <sup>28</sup>	264807XX	TIMKE	26X48X7
2623300	MERCM	6835S	26232D	GOODM	418028	26410S	JN-MN	455003	26490	LAU	470328
2623517	MERCM	350954	26232D	GOODM	455137 <sup>28</sup>	264210XX	TIMKE	26X42X10	26490	LAU	481213 <sup>28</sup>
2623517	MERCM	470954 <sup>28</sup>	26234TA	TRSCM	413248	26420S	JN-MN	416011	264-A-401	MERIX	415072
26237	C-R	415458 <sup>28</sup>	2623448	JEFF	450104	26420S	JN-MN	417621 <sup>28</sup>	264A-401	ROCKW	415072
26237	C-R	475003N	2623463	GMC	472560N <sup>28</sup>	264356	ALLCH	471442 <sup>28</sup>	264-A4011	BENDI	415072
26237	SKF	415458	2623463	GMC	50151S	264381	RCA	350156	264PKG	TIMKE	264PKG
26237	SKF	475003N	26234D	GOODM	455018	264381	RCA	473096	264R	TIMKE	264PKG
26238	C-R	475458	26234D	GOODM	476470	264398	RCA	6863S <sup>28</sup>	26510	C-R	710549
26238	SKF	475458	26234F	GOODM	455018	26444	HYST	412119 <sup>28</sup>	26510	SKF	710549
26239	C-R	475003N	26234F	GOODM	476470	26444	HYST	450101	26515	STAR	7186S
26239	SKF	475003N	262351	WHITE	471820	26448-0114	GARLK	471553 <sup>28</sup>	265208XX	TIMKE	26X52X8
26247	C-R	710519	262353TB	TRSCM	475368N	26448-0542	GARLK	471192	265283	GMC	474278 <sup>28</sup>
26247	SKF	710519	262354	C-R	417082	26448-0550	GARLK	470950 <sup>28</sup>	265283	GMC	480356
262499R91	IH	416271 <sup>28</sup>	262354	SKF	417082	26448-0550	GARLK	6241S	26542D	IH	470950 <sup>28</sup>
2624RC	SUL	417211 <sup>28</sup>	2623544TL	TRSCM	417079	26448-0648	GARLK	470380 <sup>28</sup>	26542D	IH	6241S
2625431	MERCM	340009S	262354SA	TRSCM	455368	26448-0837	GARLK	473234 <sup>28</sup>	26549M	DIA	410085
2625776	MERCM	340385	262356	C-R	417082	26448-1474	GARLK	471272 <sup>28</sup>	26549M	DIA	470530 <sup>28</sup>
2625837	MERCM	472475	262356	SKF	417082	26448-2120	GARLK	417344 <sup>28</sup>	2655	TIMKE	2655
26260	C-R	415458 <sup>28</sup>	262358	C-R	712625	26448-6231	GARLK	473231 <sup>28</sup>	2655F	IH	473213 <sup>28</sup>
26260	SKF	415458	262358	SKF	712625	26448-6252	GARLK	472164 <sup>28</sup>	26568	FBG	1962
26261	NEWPR	4370N	263.600	ELRNG	710279	26448-6436	GARLK	476820	26570D	IH	415035 <sup>28</sup>
262611	WALKE	450301	2626054	MERCM	471272 <sup>28</sup>	26448-6870	GARLK	455134 <sup>28</sup>	26570D	IH	455035
262611	WALKE	472397 <sup>28</sup>	26261	C-R	416278	26448-7033	GARLK	470954 <sup>28</sup>	2658	TIMKE	2658V
2626209	MERCM	240731	26261	SKF	416278	26448-7090	GARLK	471271 <sup>28</sup>	2658111	MERCM	470390
2626226	MERCM	471571	26263PTB	TRSCM	475003N	26448-7256	GARLK	472446	2658V	TIMKE	2658V
2626782	MERCM	343185	26263TB	TRSCM	475458	26448-7295	GARLK	416127	2659093	FMC	240736
26272	C-R	3813	26264SA	TRSCM	455003	26448-9508	GARLK	471466 <sup>28</sup>	2659093	PEERC	240736
26272	SKF	3813	26264TA	TRSCM	415003	26448-9509	GARLK	471264 <sup>28</sup>	2659757	CHRYS	417262 <sup>28</sup>
26270S	JN-MN	417487	26268	C-R	418027 <sup>28</sup>	26448-9994	GARLK	471689 <sup>28</sup>	2659757	CHRYS	455448
26270S	JN-MN	455086	26268	SKF	418027	26449	TMTR	473232 <sup>28</sup>	2659993	FMC	470806
2628	TIMKE	2628	26266D	GOODM	418028	26449	VICK	416011	2659993	PEERC	470806
26283	VICK	470358	26266D	GOODM	455137 <sup>28</sup>	26449	VICK	417621 <sup>28</sup>	265PKG	TIMKE	265PKG
26283	VICK	473231 <sup>28</sup>	262707XX	TIMKE	26X37X7	26450	TMTR	471554 <sup>28</sup>	265R	TIMKE	265PKG
26284	C-R	417343 <sup>28</sup>	26273	C-R	9773	264530R91	IH	410119	2661738	FMC	450604
26284	SKF	417343	26273	SKF	9773	264530R91	IH	471442 <sup>28</sup>	2661RC	SUL	471689 <sup>28</sup>
262843C91	IH	451143	26273TA	TRSCM	417343 <sup>28</sup>	264532R91	IH	471564	26620	C-R	7780N
2628643	MERCM	472475	26274TA	TRSCM	410708	264533R91	IH	410163	26620	SKF	7780N
2629	CALSO	204038	26278	C-R	9773	264533R91	IH	471766 <sup>28</sup>	266218R91	IH	473405
26297	C-R	417343 <sup>28</sup>	26278	SKF	9773	264534R91	IH	410708	26625	C-R	710234
26297	SKF	417343	26279	C-R	710446	26454	MALL	340469	26625	SKF	710234
26298	C-R	417343 <sup>28</sup>	26279	SKF	710446	26457PTB	TRSCM	9773	2662818	MERCM	483230V
26298	SKF	417343	262805XX	TIMKE	26X38X5	264589	HYST	417181 <sup>28</sup>	2662LPD	JN-MN	416107 <sup>28</sup>
262997	ALLCH	450621	2628105	MERCM	470625 <sup>28</sup>	264633R91	IH	412473 <sup>28</sup>	2662OS	JN-MN	416107 <sup>28</sup>
262A15204	TROS	5070	262821R91	IH	472439	264633R91	IH	415894	2662OS	JN-MN	455073
262A15604	TROS	6064	2628D	GOODM	416865 <sup>28</sup>	264634R91	IH	473447	26630	C-R	68X85X8
262A20005	TROS	8139	262395	VICK	471466 <sup>28</sup>	26467	LAU	471466 <sup>28</sup>	26630	SKF	68X85X8
262PKG	TIMKE	262PKG	2623PKG	TIMKE	263PKG	264674R91	IH	450066	266.340	ELRNG	710521
262R	TIMKE	262PKG	2623R	TIMKE	263PKG	264674R91	IH	473367 <sup>28</sup>	266.350	ELRNG	710520
26303	VICK	450070	26402	US-EL	415449 <sup>28</sup>	264693R91	IH	473447	26640	C-R	710446
26303	VICK	472185 <sup>28</sup>	26402	US-EL	455147	264694R91	IH	450066	26640	HYST	450143
26310	C-R	200392	26409	US-EL	470062	264694R91	IH	473367 <sup>28</sup>	26640	SKF	710446
26310	HYST	415437	26409	US-EL	474264	264695R91	IH	415379	2665	HWY	471571
26310	SKF	200392	2640D	GOODM	415023	264696R91	IH	417211 <sup>28</sup>	2665	NATL	224820
263148	GMC	471750 <sup>28</sup>	2640OS	JN-MN	416404 <sup>28,29</sup>	264697R91	IH	412473 <sup>28</sup>	26650	C-R	68X90X10
263148	ROSS	450048	26410	US-EL	417171 <sup>28</sup>	264697R91	IH	415894	26650	C-R	68X90X7 <sup>29</sup>
2632	DURA	450593 <sup>28</sup>	26415	EATON	472015 <sup>28</sup>	264699R91	IH	415437	26650	SKF	68X90X10
26324SA	TRSCM	451143	264179C91	IH	410085N	264701R91	IH	415147	26650	SKF	68X90X7

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
26651	C-R	<b>68X90X10</b>	267616R91	IH	<b>417355<sup>2B</sup></b>	268630621	GA-WO	<b>415371</b>	26X37X7	TIMKE	<b>26X37X7</b>
			26762	C-R	<b>127592</b>	268630643	GA-WO	<b>416154<sup>2B</sup></b>	26X37X7SC	TRSCM	<b>26X37X7</b>
26651	SKF	<b>68X90X10</b>	26762	SKF	<b>127592</b>	268630673	GA-WO	<b>415725<sup>2B</sup></b>	26X37X7TC	TRSCM	<b>26X37X7</b>
2666	HWY	<b>471571</b>	26769C	DIA	<b>470358</b>	268630691	GA-WO	<b>417541</b>	26X38X5	TIMKE	<b>26X38X5</b>
26660	C-R	<b>68X95X10</b>	26769C	DIA	<b>473231<sup>2B</sup></b>	268630742	GA-WO	<b>415610</b>	26X38X5SC	TRSCM	<b>26X38X5<sup>2B</sup></b>
26660	SKF	<b>68X95X10</b>	26773	AMC	<b>471570<sup>2B</sup></b>	268630747	GA-WO	<b>455576<sup>2B</sup></b>	26X38X5TC	TRSCM	<b>26X38X5<sup>2B</sup></b>
266638	CLIMX	<b>417254</b>	2677634	MERCM	<b>471570<sup>2B</sup></b>	268630748	GA-WO	<b>417362<sup>2B</sup></b>	26X40X8SB	TRSCM	<b>471076</b>
266674R91	IH	<b>415449<sup>2B</sup></b>	26784	JNSON	<b>473238<sup>2B</sup></b>	268630750	GA-WO	<b>416666</b>	26X42X10	TIMKE	<b>26X42X10</b>
266674R91	IH	<b>455147</b>	26784C	DIA	<b>410987<sup>2B</sup></b>	268630815	GA-WO	<b>415074</b>	26X42X10SC	TRSCM	<b>26X42X10</b>
266675R91	IH	<b>416288<sup>2B</sup></b>	26784C	DIA	<b>450103</b>	268630915	GA-WO	<b>415551</b>	26X42X10TC	TRSCM	<b>26X42X10</b>
266676R91	IH	<b>415034<sup>2B</sup></b>	267868	SPERY	<b>340930</b>	268630948	GA-WO	<b>417600</b>	26X48X7SC	TRSCM	<b>26X48X7<sup>2B</sup></b>
266676R91	IH	<b>455034</b>	26788	C-R	<b>710878</b>	268630970	GA-WO	<b>415128</b>	26X48X7TC	TRSCM	<b>26X48X7<sup>2B</sup></b>
266677R91	IH	<b>473245<sup>2B</sup></b>	26788	SKF	<b>710878</b>	268632072	GA-WO	<b>J1127</b>	26X52X8SC	TRSCM	<b>26X52X8</b>
266698	ACF	<b>470358</b>	26790	EUROS	<b>227550</b>	268695	IH	<b>8650S</b>	26X52X8TC	TRSCM	<b>26X52X8</b>
266698	ACF	<b>473231<sup>2B</sup></b>	26790	EUROS	<b>75X100X12</b>	268695R91	IH	<b>8650S</b>	27003943	WHITE	<b>370003A</b>
26670	C-R	<b>68X100X13</b>	267981	GMC	<b>470059</b>	268697R91	IH	<b>410085</b>	27003943	WHITE	<b>380003A</b>
26670	SKF	<b>68X100X13</b>	267981	GMC	<b>470380<sup>2B</sup></b>	268697R91	IH	<b>470530<sup>2B</sup></b>	27006	ALLCH	<b>416339</b>
266726R91	IH	<b>416163</b>	267981	GMC	<b>470380<sup>2B</sup></b>	268698R91	IH	<b>415836</b>	27006	ALLCH	<b>455031<sup>2B</sup></b>
266727R91	IH	<b>417539<sup>2B</sup></b>	267PKG	TIMKE	<b>267PKG</b>	268698R91	IH	<b>415995<sup>2B</sup></b>	270065R91	IH	<b>2218</b>
266728	HYST	<b>200912</b>	267R	TIMKE	<b>267PKG</b>	268699R91	IH	<b>412920<sup>2B</sup></b>	270178	KOHL	<b>450117</b>
2667346	FMC	<b>471192</b>	26800	EUROS	<b>229005</b>	268721	GMC	<b>450183</b>	270178	KOHL	<b>472572<sup>2B</sup></b>
2667346	PEERC	<b>471192</b>	268000	ACF	<b>415027</b>	268721	GMC	<b>472179</b>	27021377	WHITE	<b>370003A</b>
266736R91	IH	<b>470712<sup>2B</sup></b>	26-80853	ASTON	<b>40520S</b>	26877	C-R	<b>486857</b>	27021377	WHITE	<b>380003A</b>
266737R91	IH	<b>415304</b>	268122	GR-DV	<b>470074</b>	26877	SKF	<b>486857</b>	27021378	WHITE	<b>370023A</b>
266737R91	IH	<b>476470<sup>2B</sup></b>	268122	GR-DV	<b>474265</b>	268843	GMC	<b>470590</b>	27021378	WHITE	<b>380023A</b>
266784C91	IH	<b>350414</b>	268122M1	BUTBN	<b>470074</b>	26889	LAU	<b>481443<sup>2B</sup></b>	27021808	WHITE	<b>370001A</b>
266784C91	IH	<b>472311<sup>2B</sup></b>	268122M1	BUTBN	<b>474265</b>	2689	HWY	<b>471760</b>	27021808	WHITE	<b>380001A</b>
2667871	FMC	<b>474255</b>	26-8272	B-L-H	<b>415991</b>	2689	NATL	<b>2689S</b>	27022919	WHITE	<b>370001A</b>
2667874	FMC	<b>450090</b>	26-8272	B-L-H	<b>455146<sup>2B</sup></b>	26890	C-R	<b>365008</b>	27022919	WHITE	<b>380001A</b>
2667874	FORD	<b>370047A</b>	268419	GMC	<b>471763</b>	26890	SKF	<b>365008</b>	27023	FUNK	<b>415009</b>
2667874	PEERC	<b>450090</b>	268440	GMC	<b>450183</b>	268911	HYST	<b>417541</b>	27023	FUNK	<b>415960<sup>2B</sup></b>
26683	C-R	<b>68X100X13</b>	268440	GMC	<b>472179</b>	26898R	DIA	<b>415437<sup>2B</sup></b>	27023	NEWPR	<b>710597</b>
			268465	GMC	<b>450307</b>	26898R	DIA	<b>455173</b>	2702A006	MITSU	<b>710923</b>
26683	SKF	<b>68X100X13</b>	26850F	DIA	<b>415988</b>	26899C	DIA	<b>415060</b>	2702A014	MITSU	<b>710598</b>
26-68493	MERCM	<b>712250</b>	268542	GMC	<b>417316<sup>2B</sup></b>	2689S	TIMKE	<b>2689S</b>	2702A072	MITSU	<b>710598</b>
26695	C-R	<b>710275</b>	268542	GMC	<b>455004</b>	268PKG	TIMKE	<b>268PKG</b>	270380C91	IH	<b>416921<sup>2B</sup></b>
26695	SKF	<b>710275</b>	268630022	GA-WO	<b>240119</b>	268R	TIMKE	<b>268PKG</b>	2704638	SPICE	<b>470163</b>
2669OS	JN-MN	<b>415327<sup>29</sup></b>	268630058	GA-WO	<b>340817</b>	2690	HWY	<b>470045</b>	2704638	SPICE	<b>471766<sup>2B</sup></b>
266PKG	TIMKE	<b>266PKG</b>	2-68630058	OVS	<b>340817</b>	2690	HWY	<b>476838<sup>2B</sup></b>	27063-0213	GARLK	<b>351267</b>
266R	TIMKE	<b>266PKG</b>	268630061	GA-WO	<b>470045</b>	269039	ACF	<b>470169</b>	27063-0213	GARLK	<b>471267<sup>2B</sup></b>
267022R91	IH	<b>471733</b>	268630061	GA-WO	<b>476838<sup>2B</sup></b>	269039	ACF	<b>473214<sup>2B</sup></b>	27063-6100	GARLK	<b>471760</b>
267057	JEFF	<b>473225<sup>2B</sup></b>	268630090	GA-WO	<b>451857</b>	2692	TIMKE	<b>2692</b>	27063-6113	GARLK	<b>1049</b>
267059	JEFF	<b>417487</b>	268630190	GA-WO	<b>473463</b>	26921	C-R	<b>455008</b>	27063-6169	GARLK	<b>471652</b>
267059	JEFF	<b>455014</b>	268630312	GA-WO	<b>455655<sup>2B</sup></b>	26921	SKF	<b>455008</b>	27063-7521	GARLK	<b>6668S</b>
2671168	FMC	<b>472258<sup>2B</sup></b>	268630313	GA-WO	<b>415003</b>	269220R91	IH	<b>472924<sup>2B</sup></b>	27063-9502	GARLK	<b>6863S<sup>2B</sup></b>
267371	HYST	<b>473232<sup>2B</sup></b>	268630313	GA-WO	<b>415458<sup>2B</sup></b>	2693	HWY	<b>470548</b>	27063-9509	GARLK	<b>471264<sup>2B</sup></b>
2673838	MERCM	<b>470328</b>	268630331	GA-WO	<b>416664<sup>2B</sup></b>	2693	HWY	<b>470625<sup>2B</sup></b>	27063-9515	GARLK	<b>351267</b>
2673838	MERCM	<b>481213<sup>2B</sup></b>	268630373	GA-WO	<b>415281N</b>	2694038	MERCM	<b>472324<sup>2B</sup></b>	27063-9515	GARLK	<b>471267<sup>2B</sup></b>
2674	NATL	<b>370054A</b>	268630400	GA-WO	<b>417351<sup>2B</sup></b>	269462	ACF	<b>410694<sup>2B</sup></b>	27063-9528	GARLK	<b>6668S</b>
2674	TIMKE	<b>2674</b>	268630481	GA-WO	<b>415379</b>	26966F	DIA	<b>450076</b>	27063-9530	GARLK	<b>472213</b>
26747	C-R	<b>710091</b>	2-68630481	OVS	<b>415379</b>	26966F	DIA	<b>470334<sup>2B</sup></b>	27073109	WHITE	<b>370065A</b>
26747	SKF	<b>710091</b>	268630487	GA-WO	<b>415437</b>	26-97530	MERCM	<b>471570</b>	27073109	WHITE	<b>376590A</b>
26748	C-R	<b>710334</b>	268630507	GA-WO	<b>416345<sup>2B</sup></b>	26990K	IH	<b>450316</b>	27073109	WHITE	<b>380065A</b>
26748	SKF	<b>710334</b>	268630509	GA-WO	<b>415697<sup>2B</sup></b>	26990K	IH	<b>472636<sup>2B</sup></b>	27073176	WHITE	<b>370036A</b>
26749	C-R	<b>710334</b>	268630509	GA-WO	<b>455547</b>	2699325	MERCM	<b>471529</b>	27073176	WHITE	<b>370349A</b>
26749	SKF	<b>710334</b>	268630515	GA-WO	<b>415035<sup>2B</sup></b>	26996	BOSTN	<b>476820</b>	27073176	WHITE	<b>380036A</b>
267538	HYST	<b>415447</b>	268630515	GA-WO	<b>455035</b>	269PKG	TIMKE	<b>269PKG</b>	27074117	WHITE	<b>370065A</b>
267583	HYST	<b>415447</b>	2-68630515	OVS	<b>415035<sup>2B</sup></b>	269R	TIMKE	<b>269PKG</b>	27074117	WHITE	<b>376590A</b>
26761	C-R	<b>455151<sup>29</sup></b>	2-68630515	OVS	<b>455035</b>	26H7693	FORD	<b>240698</b>	27074117	WHITE	<b>380065A</b>
26761	SKF	<b>455151</b>	268630595	GA-WO	<b>415351<sup>2B</sup></b>	26X1828	GARLK	<b>455079<sup>2B</sup></b>	27074450	WHITE	<b>370003A</b>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
27074450	WHITE	380003A	27076274	WHITE	370349A	27165	FBG	710764	27223-6639	GARLK	472658
27074741	WHITE	370012A	27076274	WHITE	380036A	271680	VOLVO	716102	27223-6639	GARLK	473197
27074742	WHITE	370057A	270773	ALLCH	417316 <sup>28</sup>	271680-1	VOLVO	716102	27223-6738	GARLK	472239
27074743	WHITE	370023A	2708026	GMC	370181A	271703	VOLVO	710215	27223-7033	GARLK	470954 <sup>28</sup>
27074743	WHITE	380023A	27089D	IH	415001 <sup>28</sup>	271703-1	VOLVO	710215	27223-89	GARLK	471264 <sup>28</sup>
27074744	WHITE	370036A	27089D	IH	455001	27178	BOSTN	351466	27223-96	GARLK	471612
27074744	WHITE	370349A	27093H	IH	473463	27178	BOSTN	471466 <sup>28</sup>	27225	C-R	710038
27074744	WHITE	380036A	270954	GMC	340413	271797R91	IH	450269	27225	SKF	710038
27074745	WHITE	370036A	270PKG	TIMKE	270PKG	271799R91	IH	450269	272257	ALLCH	471424V
27074745	WHITE	370349A	270R	TIMKE	270PKG	27180	BOSTN	471224 <sup>28</sup>	27233	BL-KN	473215 <sup>28</sup>
27074745	WHITE	380036A	2710101	EIMCO	473243	27182	BOSTN	350954	272354	BL-KN	470163
27074750	WHITE	370007A	27104674	WHITE	370003A	27182	BOSTN	470954 <sup>28</sup>	272354	BL-KN	471766 <sup>28</sup>
27074803	WHITE	370001A	27104674	WHITE	380003A	27182	UNIVE	473415	27230S	JN-MN	410308 <sup>28</sup>
27074803	WHITE	380001A	27-10-7-539-262	BMW	710743	271821C91	IH	417555 <sup>28</sup>	27230S	JN-MN	450308
27074815	WHITE	370037A	27-10-7-539-265	BMW	710744	27183	MICH	473415	27244	BOSTN	471526 <sup>28</sup>
27074815	WHITE	370338A	27-10-7-539-266	BMW	710746	27184	BOSTN	471264 <sup>28</sup>	27246	BOSTN	471570 <sup>28</sup>
27074960	WHITE	370030A	27-10-7-540-774	BMW	710746	27186	BOSTN	471554 <sup>28</sup>	27248	BOSTN	450588 <sup>28</sup>
27074962	WHITE	370003A	27-10-7-546-667	BMW	710745	27188	BOSTN	471652	27250	BOSTN	471649 <sup>28</sup>
27074962	WHITE	380003A	27-10-7-623-527	BMW	224250	27192	BOSTN	471766 <sup>28</sup>	27251	C-R	480491
27075003	WHITE	370012A	27108334	WHITE	370030A	27193	JNISON	J1126	27251	SKF	480491
27075348	WHITE	370025A	27108900	WHITE	370003A	27193	US-EL	450161	27252	BOSTN	471818
27075348	WHITE	380025A	27108900	WHITE	380003A	27193	US-EL	471764 <sup>28</sup>	27254	BOSTN	471141 <sup>28</sup>
27075348	WHITE	386025A	27109090	WHITE	370025A	27194	BOSTN	476838 <sup>28</sup>	272545	SPERY	473227 <sup>28</sup>
27076252	WHITE	370065A	27109090	WHITE	380025A	27194	JNISON	415379 <sup>28</sup>	27256	BOSTN	470380 <sup>28</sup>
27076252	WHITE	380065A	27109090	WHITE	386025A	27194	JNISON	455379	27256	BOSTN	470380V
27076255	WHITE	370037A	27109091	WHITE	370025A	27196	BOSTN	6760S	27260	BOSTN	350364
27076255	WHITE	370338A	27109091	WHITE	380025A	27198	BOSTN	471192	27260	HYST	470712 <sup>28</sup>
27076258	WHITE	370025A	27109091	WHITE	386025A	271PKG	TIMKE	271PKG	27262	BOSTN	330385 <sup>28</sup>
27076258	WHITE	380025A	2711	STEM	370048A	271R	TIMKE	271PKG	27264	BOSTN	441130
27076258	WHITE	386025A	2711035	WOOL	471270 <sup>28</sup>	27200	BOSTN	473233 <sup>28</sup>	27268	C-R	416664 <sup>28</sup>
27076259	WHITE	370025A	27-11-1-226-314	BMW	224010	27204	BOSTN	450593 <sup>28</sup>	27268	SKF	416664
27076259	WHITE	380025A	27117	C-R	710570	2720401	EIMCO	472319	27269	C-R	416664 <sup>28</sup>
27076259	WHITE	386025A	27117	SKF	710570	2720403	EIMCO	470487N	27269	SKF	416664
27076260	WHITE	370036A	271262	VOLVO	1955	27208	BOSTN	471870 <sup>28</sup>	27271	C-R	45827S
27076260	WHITE	370037A	271262-8	VOLVO	1955	27208	BOSTN	471883	27271	SKF	45827S
27076260	WHITE	370338A	27127531519	BMW	710964	272.091	ELRNG	710449	27278	BOSTN	340827
27076260	WHITE	370349A	271281	SPERY	473228	27210	BOSTN	470334 <sup>28</sup>	272797R91	IH	450269
27076260	WHITE	380036A	271281	SPERY	481837	27210	C-R	310841	27280	C-R	416664 <sup>28</sup>
27076261	WHITE	370036A	27128839	WHITE	370003A	27210	SKF	310841	27280	SKF	416664
27076261	WHITE	370037A	27128839	WHITE	380003A	27-21-1-020-500	BMW	710310	27280S	JN-MN	471192
27076261	WHITE	370338A	27130	JNISON	455566	27-21-1-224-632	BMW	710310	27292	C-R	227040
27076261	WHITE	370349A	27133	JNISON	J1122	27-21-1-224-636	BMW	223510	27292	C-R	417484N
27076261	WHITE	380036A	271337R1	IH	415035	27214	BOSTN	471750 <sup>28</sup>	27292	C-R	475322N
27076262	WHITE	370036A	271337R1	IH	415953	27216	BOSTN	471255 <sup>28</sup>	27292	SKF	227040
27076262	WHITE	370037A	271391	VOLVO	482126	27218	BOSTN	471276	27292	SKF	417484N
27076262	WHITE	370338A	271391-5	VOLVO	482126	27220	BOSTN	471549 <sup>28</sup>	27292	SKF	475322N
27076262	WHITE	370349A	271392	VOLVO	710215	27220	BOSTN	472467	27293	C-R	455322V
27076262	WHITE	380036A	271392-3	VOLVO	710215	27223-0215	GARLK	470680	27293	SKF	455322V
27076264	WHITE	370065A	27146	FBG	710642	27223-0215	GARLK	471570 <sup>28</sup>	27295	C-R	475322N
27076264	WHITE	376590A	27147531520	BMW	710963	27223-0287	GARLK	471224 <sup>28</sup>	27295	SKF	475322N
27076264	WHITE	380065A	2715	WOODB	450361	27223-0359	GARLK	471763	272A451	BENDI	472826 <sup>28</sup>
27076265	WHITE	370007A	2715	WOODB	472193 <sup>28</sup>	27223-0760	GARLK	473231 <sup>28</sup>	272PKG	TIMKE	272PKG
27076266	WHITE	370007A	27150	MICH	473414	27223-4600	GARLK	472432	272R	TIMKE	272PKG
27076267	WHITE	370007A	27150	UNIVE	473414 <sup>29</sup>	27223-4600	GARLK	474256	27301	C-R	417484 <sup>28</sup>
27076268	WHITE	370007A	271592	ALLCH	471141 <sup>28</sup>	27223-5051	GARLK	471276	27301	SKF	417484
27076269	WHITE	370001A	27159201	ALLCH	471141 <sup>28</sup>	27223-6176	GARLK	472681	2730201	EIMCO	415995 <sup>28</sup>
27076269	WHITE	380001A	271597R91	IH	410119	27223-6176	GARLK	473259	2730201	EIMCO	455013
27076270	WHITE	370001A	271597R91	IH	471442 <sup>28</sup>	27223-6282	GARLK	476511	27303A	EIMCO	415035 <sup>28</sup>
27076270	WHITE	380001A	27162	MICH	473414	27223-6486	GARLK	476510	27303A	EIMCO	455035
27076274	WHITE	370036A	27162	UNIVE	473414	27223-6557	GARLK	471379	2730402	EIMCO	411245 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2730402	EIMCO	455096	27371-53F00-000	SUZUK	223542	2744	CHEL	450326	27558	C-R	4874N
27307	KELSE	416339	27372VHY	TRSCM	46997S	27441-60G10	SUZUK	710752	27558	SKF	4874N
27307	KELSE	455031 <sup>28</sup>	27374SA	TRSCM	455004	27441-60G10-000	SUZUK	710752	275597R91	IH	473447
273095R91	IH	415984 <sup>28</sup>	27374TA	TRSCM	415004	274484R91	IH	473228 <sup>28</sup>	27565	C-R	415272N
273301C91	IH	5403	27374TB	TRSCM	475004H	274508XX	TIMKE	27X45X8	27565	SKF	415272N
273302C91	IH	5403	27377	C-R	417316 <sup>28</sup>	27452	C-R	415009N	2757682	GMC	370019A
27334	C-R	415984 <sup>28</sup>	27377	SKF	417316	27452	SKF	415009N	27577	C-R	476281
27334	SKF	415984	273824	VOLVO	482126	27461	C-R	4564V	27577	SKF	476281
27336	CATER	470380 <sup>28</sup>	273824-3	VOLVO	482126	27461	SKF	4564V	27583	KELSE	415041
27337	VICK	353120	27383TB	TRSCM	415960	274611	SPICE	472394	275B	WHITE	6863S <sup>28</sup>
27339	KELSE	415035 <sup>28</sup>	27384SA	TRSCM	455009	274631	SPICE	472394	2760	C-R	7X16X7
27339	KELSE	455035	27384TA	TRSCM	415009	274633	SPICE	473225 <sup>28</sup>	2760	SKF	7X16X7
27346HA	IH	450095	27384TB	TRSCM	475009N	274634	SPICE	473243	27600	C-R	416282 <sup>29</sup>
27346HA	IH	473464 <sup>28</sup>	273857C91	IH	2218	274635	SPICE	416654 <sup>28</sup>	27600	SKF	416282
27346HB	IH	450095	273872	VOLVO	40769S	274635	SPICE	455012	27601	C-R	416282
27346HB	IH	473464 <sup>28</sup>	273872-2	VOLVO	40769S	274638	SPICE	470163	27601	SKF	416282
2734OS	JN-MN	415138 <sup>28</sup>	2738T2	WHITE	417484N	274638	SPICE	471766 <sup>28</sup>	2760600	EIMCO	416364 <sup>28</sup>
27352VB	TRSCM	45827S	2738T2	WHITE	455322	27467	C-R	415960	27611-72C00	SUZUK	710396
273544PTA	TRSCM	455322N	27394	C-R	46997S	27467	SKF	415960	2761182300	SUZUK	223542
27354SA	TRSCM	455364	27394	SKF	46997S	2746T2	DIA	472636 <sup>28</sup>	276119	GR-DV	450274
27354SA	TRSCM	485364N	273980R91	IH	415449 <sup>28</sup>	2746T2	WHITE	450316	27612-79C10	SUZUK	710715
273564R91	IH	415437	273980R91	IH	455147	2746T2	WHITE	472636 <sup>28</sup>	27612-79C10-000	SUZUK	710715
273565R91	IH	415458 <sup>28</sup>	273981R91	IH	415034 <sup>28</sup>	27470	C-R	455009	27614K	IH	474274
273565R91	IH	455003	273981R91	IH	455034	27470	HYST	415960 <sup>28</sup>	2762	IH	450089
273566R91	IH	210945	273982R91	IH	472179	27470	HYST	455009	276202R91	IH	415836
273570R91	IH	450085	273985R91	IH	473245 <sup>28</sup>	27470	SKF	455009	276202R91	IH	415995 <sup>28</sup>
273570R91	IH	470530 <sup>28</sup>	273986R91	IH	416288 <sup>28</sup>	274706A	HARWA	27X47X10	276207R91	IH	417211 <sup>28</sup>
273571R91	IH	473447	273987R91	IH	473245 <sup>28</sup>	27471	C-R	415960 <sup>28</sup>	27621	C-R	55238
273573R91	IH	8650S	273988R91	IH	416288 <sup>28</sup>	27471	C-R	4564V	27621	SKF	55238
273574R91	IH	415836	273989R91	IH	415034 <sup>28</sup>	27471	SKF	415960	276323	HYST	472924 <sup>28</sup>
273574R91	IH	415995 <sup>28</sup>	273989R91	IH	455034	27471	SKF	4564V	276397C91	IH	415035
273575R91	IH	415995 <sup>28</sup>	273PKG	TIMKE	273PKG	274710A	HARWA	27X47X10	276397C91	IH	415953
273575R91	IH	455013	273R	TIMKE	273PKG	274710XX	TIMKE	27X47X10	27641	LAU	340771
273578R91	IH	450085	274014	PEERC	450066	274PKG	TIMKE	274PKG	27642	C-R	3591
273578R91	IH	470530 <sup>28</sup>	274014	PEERC	473367 <sup>28</sup>	274R	TIMKE	274PKG	27642	SKF	3591
273580R91	IH	471570 <sup>28</sup>	27402B	EIMCO	416865 <sup>28</sup>	2750101	EIMCO	472234	276603	HYST	417366 <sup>28</sup>
273581R91	IH	450066	27402VH	TRSCM	43086S	275067	HYST	470543	2767	FWD	450183
273581R91	IH	473367 <sup>28</sup>	27404PTA	TRSCM	415272N	275067	HYST	474272	2767	FWD	472179
273582R91	IH	417354 <sup>28</sup>	27404PTA	TRSCM	455272	27512	HARN	450183	27676	LAU	7014S
273584R91	IH	417211 <sup>28</sup>	2740601	EIMCO	416364 <sup>28</sup>	27512	HARN	472179	2768012	CHRYS	6840S
273585R91	IH	417351 <sup>28</sup>	2740D	GOODM	415025	275124	CABOT	450183	2768017	CHRYS	6960
273585R91	IH	455154	274207XX	TIMKE	27X42X7	275124	CABOT	472179	276983	HYST	413479
2735OS	JN-MN	415076 <sup>29</sup>	27424PTA	TRSCM	416282	275124	GOODM	450082	276985	HYST	473212 <sup>28</sup>
27361	C-R	417316 <sup>28</sup>	27427	WHITE	415449 <sup>28</sup>	275124	GOODM	473238	277065	KOHL	473234 <sup>28</sup>
27361	SKF	417316	27427	WHITE	455147	275124	GR-DV	450183	27710	C-R	70X85X8
27362	C-R	417316 <sup>28</sup>	27430	C-R	2222	275124	GR-DV	472179	27710	SKF	70X85X8
27362	SKF	417316	27430	SKF	2222	275124	HARN	450183	277106	HR-DV	470606 <sup>28</sup>
27365	C-R	415004V	27431-60G10	SUZUK	710616	275124	HARN	472179	27714	C-R	70X85X8 <sup>28</sup>
27365	SKF	415004V	27431-60G10-000	SUZUK	710616	275126	FAIRB	450118	27714	SKF	70X85X8
27368	C-R	417316 <sup>28,29</sup>	27431-73B20	SUZUK	710724	275126	FAIRB	473449	277181R91	IH	441130
27368	C-R	455004	27431-84E00	SUZUK	710616	27519	CHAMP	415697 <sup>28</sup>	277.216	ELRNG	224010
27368	SKF	417316	27431-84E00-000	SUZUK	710616	27525	C-R	55469	277219C91	IH	416364 <sup>28</sup>
27368	SKF	455004	274324	VICK	350435	27525	SKF	55469	27723	C-R	1021V
2736D	GOODM	417191	27432-60B01	SUZUK	223535	27526	C-R	476574N	27723	SKF	1021V
2736D	GOODM	455165 <sup>28</sup>	27432-70C00	SUZUK	239146	27526	SKF	476574N	27725	C-R	227020 <sup>29</sup>
27370	C-R	417316 <sup>28</sup>	27432-70C00-000	SUZUK	239146	27531	HYST	471442 <sup>28</sup>	27725	C-R	70X88X8 <sup>28</sup>
27370	SKF	417316	27438	C-R	370150A	27541	C-R	416706 <sup>28</sup>	27725	SKF	227020
273701R91	IH	6863S <sup>28</sup>	27438	C-R	370352A	27541	SKF	416706	27725	SKF	70X88X8
273707XX	TIMKE	27X37X7	27438	SKF	370150A	27542	C-R	415272N	27738	HR-DV	50468
27371-53F00	SUZUK	223542	27438	SKF	370352A	27542	SKF	415272N	277383R91	IH	471255 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
27740	C-R	227040	278059R91	IH	471698	27X47X10	SIMRT	27X47X10	2811RC	SUL	473405
27740	C-R	70X90X10	278060R91	IH	411253 <sup>28</sup>	27X47X10	TIMKE	27X47X10	28124D	IH	415027 <sup>28</sup>
27740			278060R91	IH	450099	27X47X10SC	TRSCM	27X47X10	28124D	IH	455027
27740	C-R	70X90X7 <sup>29</sup>	278061R91	IH	411253 <sup>28</sup>	27X47X10TC	TRSCM	27X47X10	28127D	IH	415043
27740	SKF	227040	278061R91	IH	450099	27X47X7	SIMRT	27X47X10	28137	MICH	471267 <sup>28</sup>
27740	SKF	70X90X10	2781F	IH	455008	27X47X8	FORSH	27X47X10	281374TL	TRSCM	455005
27740	SKF	70X90X7	27841-63B00	SUZUK	710287	27X47X8	NATL	27X47X10	281404SA	TRSCM	475384
27743	C-R	227040	27842-63B00	SUZUK	710286	27X47X8	SIMRT	27X47X10	281-407-641C	VW	225500
27743	SKF	227040	2785001	BR-WN	J1122	28001H	IH	475012N	28143	DURA	417267
277433	BUC-E	415871	27852A	IH	473446	28001HA	IH	475012N	281-498-625	VW	225500
27746	C-R	70X90X10	27853	KELSE	40566S	28002669	GMC	4614N	28150	MICH	471570 <sup>28</sup>
27746			278616_C92	IH	370030A	28002670	GMC	4614N	28150	UNIVE	471570 <sup>28,29</sup>
27746	FMC	470163	278616C92	NAVST	370030A	2800OS	JN-MN	410520	281.514	ELRNG	710762
27746	FMC	471766 <sup>28</sup>	27875	MALL	470219	2800OS	JN-MN	471272 <sup>28</sup>	28153D	IH	416288 <sup>28</sup>
27746	SKF	70X90X10	27875	MALL	471649 <sup>28</sup>	2801-32165	GARLK	473204	2815OS	JN-MN	471567 <sup>28</sup>
27749	C-R	227045	27876	LAU	450431	28015-AA001	SUBAR	710529	28162	MICH	471646 <sup>28</sup>
27749	SKF	227045	27876	LAU	471539 <sup>28</sup>	28015-AA011	SUBAR	710226	28162	UNIVE	471646 <sup>28</sup>
27750	C-R	227045	278773	ACF	450085	28015-AA021	SUBAR	710464	28175	C-R	475384 <sup>29</sup>
27750	C-R	70X92X12	278773	ACF	470530 <sup>28</sup>	28015-AA030	SUBAR	710463	28175	MICH	470590
27750			27897	LAU	470120	28015-AA040	SUBAR	710464	28175	SKF	475384
27750	HR-DV	417267	27897	LAU	471224 <sup>28</sup>	28015-AA050	SUBAR	710529	28175	UNIVE	470590
27750	SKF	227045	278K1	WHITE	474278 <sup>28</sup>	28015-AA060	SUBAR	225005	28182	UNIVE	471137
27750	SKF	70X92X12	278K1	WHITE	480356	28015-AA070	SUBAR	710463	28183	MICH	471137
27752	FMC	470045	2791	TIMKE	2791	28015-AA0708A	SUBAR	710463	28187	MICH	471730
27752	FMC	476838 <sup>28</sup>	27925	HYST	473463	28015-AA080	SUBAR	710464	281W450	CONE	5399
27761	C-R	710456	27926	NEWPR	710835	28015-AA090	SUBAR	710529	28200	UNIVE	470645
27761	SKF	710456	279343C91	IH	415449 <sup>28</sup>	28015-AA100	SUBAR	225005	282131C1	NAVST	5064
27768	C-R	70X100X10	279343C91	IH	455147	28015-AA110	SUBAR	710226	28220	TROS	416738 <sup>28</sup>
27768	SKF	70X100X10	27947	CHAMP	415483	28015-PA000	SUBAR	710231	28220	TROS	450096
27770	C-R	70X100X13	279493R91	IH	415995V	2801692	CHRYS	9376	2822V	TIMKE	2822V
27770	SKF	70X100X13	279493R92	IH	415995V	2801733	CHRYS	9487	28238	HYST	470219
277724R91	IH	473228	279494R91	IH	415995V	2801733	DOMGA	9487	28238	HYST	471649 <sup>28</sup>
277724R91	IH	51098	2794RC	SUL	450076	280197417859	BORGW	J1121	28246	SPERY	471192
277727R91	IH	450593 <sup>28</sup>	2794RC	SUL	470334 <sup>28</sup>	280197423622	BORGW	J1115	28246	VICK	471192
277728R91	IH	450076	279522	HYST	470682	280197425662	BORGW	J1115	28257	FBG	710588
277728R91	IH	470334 <sup>28</sup>	279.528	ELRNG	711029	28032	FUNK	450183	2825713	CHRYS	340413
277729R91	IH	471785 <sup>28</sup>	279731R91	IH	471255 <sup>28</sup>	28032	FUNK	472179	282609	ALLCH	473424 <sup>28</sup>
277730R91	IH	415938	279750R91	IH	455006N	28033	FUNK	415449 <sup>28</sup>	2826106	CHRYS	482163N
27775	C-R	70X100X13	279751R91	IH	412473 <sup>28</sup>	28033	FUNK	455147	2826106	DOMGA	482163N
27775			279751R91	IH	415894	28035	C-R	455005 <sup>29</sup>	2826362	CHRYS	475012N
27775	SKF	70X100X13	279751R92	IH	412473 <sup>28</sup>	28035	SKF	455005	28265	AMC	450067
27783	C-R	70X105X13	279751R92	IH	415894	280423	HYST	473230 <sup>28</sup>	28265	AMC	473228
27783	C-R	70X105X7	279752R91	IH	412473 <sup>28</sup>	2805OS	JN-MN	450083	28266D	IH	412119 <sup>28</sup>
27783			279752R91	IH	415894	2805OS	JN-MN	472924 <sup>28</sup>	28266D	IH	450101
27783	SKF	70X105X13	279755R91	IH	412473 <sup>28</sup>	280689	ACF	470169	28270	C-R	411348 <sup>28</sup>
27783	SKF	70X105X7	279755R91	IH	415894	280689	ACF	473214 <sup>28</sup>	28270	SKF	411348
27785	C-R	70X105X13	279.810	ELRNG	710787	2806OS	JN-MN	473225 <sup>28</sup>	28275	C-R	411348 <sup>28</sup>
27785			27-A93	BORGW	472924 <sup>28</sup>	2807OS	JN-MN	417605 <sup>29</sup>	28275	SKF	411348
27785	C-R	70X105X7	27AF1	BR-WN	470954 <sup>28</sup>	2808267	CHRYS	6840S	28276	C-R	411348 <sup>28,29</sup>
27785			27KH114	MACK	417484N	2808268	CHRYS	6960	28276	SKF	411348
27785	SKF	70X105X13	27KH114	MACK	475322N	2808269	CHRYS	8121S	28288	VICK	418028
27785	SKF	70X105X7	27KH116	MACK	5578	280886C91	IH	415958 <sup>28</sup>	28288	VICK	455137 <sup>28</sup>
2780	C-R	7X22X7	27UV-0625	WHITE	450291	280886C91	IH	455958	2829960	CHRYS	456744N
2780	SKF	7X22X7	27UV-0625	WHITE	471141 <sup>28</sup>	280X320X20	TIMKE	280X320X20	28308	C-R	227235
27802	HYST	412871 <sup>28</sup>	27X37X7	TIMKE	27X37X7	28101	TROS	5796	28308	SKF	227235
27802	HYST	450329	27X37X7SC	TRSCM	27X37X7	2811035	C-W	416239 <sup>28</sup>	28310	C-R	1986
278052R91	IH	2218	27X37X7TC	TRSCM	27X37X7	2811035	WOOL	416239 <sup>28</sup>	28310	SKF	1986
278058R91	IH	470074	27X45X8SC	TRSCM	27X45X8 <sup>28</sup>	281139	ACF	471570 <sup>28</sup>	28325	C-R	474230
278058R91	IH	474265	27X45X8TC	TRSCM	27X45X8 <sup>28</sup>	28116	C-R	417485	28325	SKF	474230
278059R91	IH	471684 <sup>28</sup>	27X47X10	FORSH	27X47X10	28116	SKF	417485	28332	C-R	710075

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
28332	SKF	710075	2852948	CHRYS	8660S	28686	C-R	417344 <sup>28</sup>	28765	AMC	473228
28333R91	IH	471765 <sup>28</sup>	285310-C91	IH	370001A	28686	SKF	417344	287666	ACF	470163
283403R91	IH	350954	285310C91	NAVST	370001A	28687	C-R	417344 <sup>28,29</sup>	287666	ACF	471766 <sup>28</sup>
283403R91	IH	470954 <sup>28</sup>	285310C91	NAVST	380001A	28687	SKF	417344	28778	C-R	416921 <sup>28</sup>
283442C91	IH	417530	285311-C91	IH	370007A	28697	C-R	455006N	28778	SKF	416921
28354	C-R	72X100X10	285311C91	NAVST	370007A	28697	SKF	455006N	28790	C-R	416921 <sup>29</sup>
28354	SKF	72X100X10	28531A	HEIL	470712 <sup>28</sup>	28699	NEWPR	710797	28790	C-R	455011
28363TB	TRSCM	415303 <sup>28</sup>	28531A	HERCU	470712 <sup>28</sup>	287	C-R	5163	28790	SKF	416921
2836D	GOODM	415991	285333	ACF	415995 <sup>28</sup>	287	SKF	5163	28790	SKF	455011
2836D	GOODM	455146 <sup>28</sup>	285333	ACF	455013	28700	C-R	417344 <sup>28,29</sup>	287952	GWJ	471466 <sup>28</sup>
28377	C-R	710963	28540	C-R	710564	28700	C-R	455006	2879RX	OSHKO	6460S
2837D	GOODM	417196 <sup>28</sup>	28540	SKF	710564	28700	SKF	417344	28800	C-R	43086S
283807XX	TIMKE	28X38X7	28545	C-R	710563	28700	SKF	455006	28800	SKF	43086S
283842-C91	IH	370007A	28545	SKF	710563	28701	OLIVE	473228	2881041	CHRYS	8516N
283842C91	NAVST	370007A	285511YY	Y-T	450194	28701	OLIVE	51098	2881185	CHRYS	8695S
28384SP	TRSCM	9864S	285511YY	Y-T	473010	28705	C-R	710586	28815	C-R	710554
28384TA	TRSCM	455355	28554	C-R	710568	28705	SKF	710586	28815	SKF	710554
2839213	WHITE	450639	28554	SKF	710568	287120	FAIRB	450078	28817	C-R	417134
28394	EATON	5MR1009	2859981	VICK	240435	287120	FAIRB	473444	28817	SKF	417134
2839D5	DIA	417484N	2859984	LAVOI	240716	287122	FORD	473446	28820	C-R	370010A
2839D5	DIA	475322N	2859984	VICK	240716	287124	ALLCH	450291	28820	C-R	370054A
2839D5	WHITE	417484N	2860	CALSO	410524	287124	ALLCH	471141 <sup>28</sup>	28820	SKF	370010A
2839D5	WHITE	475322N	28600	C-R	710493	287128K	FORD	450082	28820	SKF	370054A
284007XX	TIMKE	28X40X7	28600	SKF	710493	287128K	FORD	473238	28830	C-R	2674
2840101	EIMCO	471887	28603	C-R	710494	287129	BENDI	450082	28830	SKF	2674
2840202	EIMCO	412040	28603	SKF	710494	287129	BENDI	473238	28832	C-R	370054A
28404TA	TRSCM	455011	28617	OLIVE	416288 <sup>28</sup>	287130	GWJ	472144 <sup>28</sup>	28832	C-R	370211A
284098	ACF	470358	2862362	MOPAR	416654 <sup>28</sup>	287130K	IH	472144 <sup>28</sup>	28832	SKF	370054A
284098	ACF	473231 <sup>28</sup>	2862362	MOPAR	455012	2872	GR-DV	450083	28832	SKF	370211A
2840D	GOODM	417537	28625	ROTO	471801 <sup>28</sup>	2872	GR-DV	472924 <sup>28</sup>	2883OS	JN-MN	417564 <sup>29</sup>
2840OS	JN-MN	473439 <sup>28,29</sup>	286349R91	IH	415234 <sup>28</sup>	2872	GWJ	450083	28848	C-R	455144 <sup>29</sup>
2841	FORD	5727	28635	C-R	710568	2872	GWJ	472924 <sup>28</sup>	28848	SKF	455144
28413TA	TRSCM	417134	28635	SKF	710568	28720	C-R	9864S	28849	JOHND	450301
28420D	IH	415072	286362R91	IH	415938	28720	SKF	9864S	28849	JOHND	472397 <sup>28</sup>
28420DA	IH	415072	286362R92	IH	415938	287201R91	IH	450066	288864R91	IH	472924 <sup>28</sup>
28425	C-R	2081	286363R91	IH	415938	287201R91	IH	473367 <sup>28</sup>	288864R92	IH	472924 <sup>28</sup>
28425	SKF	2081	286367R91	GWJ	415871	2872OS	JN-MN	416865 <sup>28</sup>	288864R93	IH	472924 <sup>28</sup>
28426	C-R	2081	286367R91	IH	415871	287.300	ELRNG	3909	289031750	GARLK	710067
28426	SKF	2081	286367R92	IH	415871	28739	C-R	710573	289067	BUC-E	415938
284395TA	TRSCM	2081	28646	C-R	470547	28739	SKF	710573	289083R91	IH	415871
284406XX	TIMKE	28X44X6	28646	SKF	470547	28739K	IH	473466	289083R92	IH	415871
28446	C-R	2081	286512R91	GWJ	455195	287442R91	IH	450066	289083R94	IH	415871
28446	SKF	2081	286512R91	GWJ	472157 <sup>28</sup>	287442R91	IH	473367 <sup>28</sup>	289084R91	IH	415234 <sup>28</sup>
284508XX	TIMKE	28X45X8	28654	C-R	415303 <sup>28</sup>	28745	C-R	417158 <sup>28</sup>	28908H	IH	5MR71
28454SA	TRSCM	455144	28654	SKF	415303	28745	SKF	417158	289198	SPERY	470380 <sup>28</sup>
28460	LAU	470219	28655	C-R	415303 <sup>28</sup>	28746	C-R	417158 <sup>28</sup>	289290	SPERY	481163 <sup>28</sup>
28460	LAU	471649 <sup>28</sup>	28655	SKF	415303	28746	SKF	417158	2893M	DIA	415991 <sup>28</sup>
2846582	CHRYS	473423	28656	C-R	3783	28751	C-R	417158 <sup>29</sup>	2893M	DIA	415991N
284707XX	TIMKE	28X47X7	28656	C-R	39802	28751	SKF	417158	289503R91	IH	415021
2847149	CHRYS	472843	28656	SKF	3783	28754	C-R	9864S	289796	HYST	J1136
28474	C-R	456837V	28656	SKF	39802	28754	SKF	9864S	2899531	CHRYS	3095
28474	SKF	456837V	28657	DURA	6703S	28758	C-R	370150A	2899532	CHRYS	3103 <sup>28</sup>
284808XX	TIMKE	28X48X8	28658	DURA	471224 <sup>28</sup>	28758	SKF	370150A	28AC203	CONTI	450085
285	C-R	5106	28658	ROTO	471224 <sup>28</sup>	28759	C-R	370150A	28AC203	CONTI	470530 <sup>28</sup>
285	SKF	5106	28669	C-R	417344 <sup>28</sup>	28759	SKF	370150A	28AK211	CONTI	470045
28503A	EIMCO	412040	28669	SKF	417344	28760	C-R	416921 <sup>28</sup>	28AK211	CONTI	476838 <sup>28</sup>
28517	SPERY	340120	2866D5	WHITE	474278 <sup>28</sup>	28760	SKF	416921	28P101	SPICE	472258 <sup>28</sup>
285207XX	TIMKE	28X52X7	2866D5	WHITE	480356	28761	C-R	416921 <sup>28</sup>	28P1011	SPICE	472258 <sup>28</sup>
2852574	CHRYS	473228 <sup>28</sup>	286736	ACF	410520	28761	SKF	416921	28P125	SPICE	471224 <sup>28</sup>
2852574	CHRYS	481837	286736	ACF	471272 <sup>28</sup>	28765	AMC	450067	28P-15	SPICE	411394 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
28P-15	SPICE	450317	28X52X7TC	TRSCM	28X52X7	290127	ACDEL	455364	290-256	ACDEL	8705S
28P-18	SPICE	6847S	28X71	AIRCO	471103 <sup>28</sup>	290128	ACDEL	416273	290-257	ACDEL	4739
28P-19	SPICE	471267 <sup>28</sup>	28X71	AIRCO	50197S	290129	ACDEL	416130	290-257	NDEP	4739
28P-19-3	SPICE	350567	28X716	AIRCO	470163	290130	ACDEL	417507	290-258	ACDEL	710103
28P-19-3	SPICE	471267 <sup>28</sup>	28X716	AIRCO	471766 <sup>28</sup>	290131	ACDEL	415991	290-259	ACDEL	710106
28P-21	SPICE	471538 <sup>28</sup>	28X717	AIRCO	417316 <sup>28</sup>	290132	ACDEL	4148	29026	ACDEL	5924
28-P-216	DANA	470163V	28X717	AIRCO	455004	290133	ACDEL	493291	290-261	ACDEL	4175
28-P-218	DANA	471231V	28X718	AIRCO	417171 <sup>28</sup>	290-134	ACDEL	3087	290-262	ACDEL	5682
28P222	DANA	455322V	28X719	AIRCO	450085	290135	ACDEL	5131	290-263	ACDEL	4795V
28P223	DANA	415012V	28X719	AIRCO	470530 <sup>28</sup>	290138	ACDEL	40769S	290-265	ACDEL	710292
28P233	DANA	471763V	28X72	AIRCO	470027	29014	ACDEL	2222	290-266	ACDEL	1953
28P236	DANA	470774V	28X72	AIRCO	471554 <sup>28</sup>	290140	ACDEL	5MR71	290-268	ACDEL	4740
28-P-236	SPICE	470774V	28X721	AIRCO	455005	290-15	ACDEL	4250	290-269	ACDEL	4739
28P237	DANA	415983V	28X724	AIRCO	450025	290150	ACDEL	5M403	290-272	ACDEL	370001A
28-P-261	SPICE	412015V	28X724	AIRCO	471553 <sup>28</sup>	29016	ACDEL	3210	290-272	ACDEL	380001A
28P3	SPICE	471787 <sup>28</sup>	28X725	AIRCO	415449 <sup>28</sup>	290162	ACDEL	5MR1008	290-273	ACDEL	370150A
28P37	SPICE	472164 <sup>28</sup>	28X725	AIRCO	455147	290163	ACDEL	5MR1009	290-274	ACDEL	370211A
28P371	SPICE	472164 <sup>28</sup>	28X726	AIRCO	417343 <sup>28</sup>	290167	ACDEL	205017	290-275	ACDEL	370199A
28P372	SPICE	472164 <sup>28</sup>	28X728	AIRCO	471763	29017	ACDEL	5109	290-276	ACDEL	370212A
28P-4	SPICE	450025	28X729	AIRCO	471570 <sup>28</sup>	290-18	ACDEL	5121	290-277	ACDEL	471271
28P-4	SPICE	471553 <sup>28</sup>	28X73	AIRCO	473205	290180	ACDEL	1012N	290-280	ACDEL	8974S
28P40	SPICE	473228 <sup>28</sup>	28X730	AIRCO	470712 <sup>28</sup>	290181	ACDEL	1209	290-281	ACDEL	370011A
28P51	SPICE	471466 <sup>28</sup>	28X731	AIRCO	417490	290182	ACDEL	1213N	290-283	ACDEL	3553
28-P52	SPICE	410163	28X733	AIRCO	350567	290188	ACDEL	40389S	290-285	ACDEL	370048A
28-P52	SPICE	471766 <sup>28</sup>	28X733	AIRCO	471267 <sup>28</sup>	29019	ACDEL	5123	290-286	ACDEL	8976S
28-P56	SPICE	471529	28X739	AIRCO	417344 <sup>28</sup>	290190	ACDEL	43290S	290-287	ACDEL	370018A
28P57	SPICE	471231 <sup>28</sup>	28X739	AIRCO	455006	290192	ACDEL	442874	290-288	ACDEL	5697
28-P60	SPICE	450326	28X74	AIRCO	450115	290-193	ACDEL	471271	290-289	ACDEL	7934S
28P67	SPICE	450441	28X74	AIRCO	473467 <sup>28</sup>	290194	ACDEL	472394	29029	ACDEL	6064
28P67	SPICE	471341 <sup>28</sup>	28X740	AIRCO	471705 <sup>28</sup>	290195	ACDEL	416273	290-290	ACDEL	5698
28P69	SPICE	410496 <sup>28</sup>	28X75	AIRCO	450316	290196	ACDEL	472213	290-291	ACDEL	710044
28P72	SPICE	415001 <sup>28</sup>	28X75	AIRCO	472636 <sup>28</sup>	290197	ACDEL	482126	290-292	ACDEL	8975S
28P75	DANA	417484	28X751	AIRCO	471652	2902	ACDEL	224045	290-293	ACDEL	370145A
28P76	SPICE	416654 <sup>28</sup>	28X76	AIRCO	417316 <sup>28</sup>	290-20	ACDEL	4148	290-296	ACDEL	710466
28P85	SPICE	471760	28X76	AIRCO	455004	290200	ACDEL	410312N	290-297	ACDEL	710548
28P86	SPICE	450185	28X79	AIRCO	412871 <sup>28</sup>	290201	ACDEL	455151	290-298	ACDEL	710394
28P86	SPICE	473229	28X79	AIRCO	450329	290202	ACDEL	6312	29030	ACDEL	413478
28X032020XX	TIMKE	280X320X20	29	UNIVE	471103 <sup>28</sup>	290204	ACDEL	41075S	29031	ACDEL	353141
28X38X7	TIMKE	28X38X7	29	UNIVE	50197S	290205	ACDEL	46997S	29031	KELSE	473239 <sup>28</sup>
28X38X7SC	TRSCM	28X38X7	2901	ACDEL	471192	290206	ACDEL	45031S	29033	ACDEL	3210
28X38X7TC	TRSCM	28X38X7	29010	ACDEL	1196	29021	ACDEL	5756	29034	ACDEL	6336S
28X40X7	TIMKE	28X40X7	290100	ACDEL	45013S	290211	ACDEL	200763	29035	TRANS	410308 <sup>28</sup>
28X40X7SC	TRSCM	28X40X7	290102	ACDEL	473473	290212	ACDEL	415082	29044	ACDEL	6626S
28X40X7TC	TRSCM	28X40X7	290103	ACDEL	411348	290213	ACDEL	415876	29045	ACDEL	6638S
28X44X6	TIMKE	28X44X6	290104	ACDEL	417485	290214	ACDEL	417020	29045	VICK	416664 <sup>28</sup>
28X44X6SC	TRSCM	28X44X6 <sup>28</sup>	290105	ACDEL	417353	290215	ACDEL	417205	29045	VICK	455364
28X44X6TC	TRSCM	28X44X6 <sup>28</sup>	290107	ACDEL	200600	290216	ACDEL	417514	29048	ACDEL	6781
28X45X8	TIMKE	28X45X8	290109	ACDEL	200640	290217	ACDEL	5MR71	2905	ACDEL	1174
28X45X8SC	TRSCM	28X45X8	290110	ACDEL	200855	290220	ACDEL	417506	290-50	ACDEL	6815
28X45X8TC	TRSCM	28X45X8	290111	ACDEL	203006	290221	ACDEL	417353	29051	ACDEL	6840S
28X47X7	NATL	28X47X7 <sup>28</sup>	290112	ACDEL	205004	290222	ACDEL	416102	29054	ACDEL	44052
28X47X7	TIMKE	28X47X7	290113	ACDEL	205044	290223	ACDEL	417509	29055	ACDEL	6954S
28X47X7SC	TRSCM	28X47X7 <sup>28</sup>	290115	ACDEL	291295	290224	ACDEL	417359	29056	ACDEL	44053
28X47X7TC	TRSCM	28X47X7 <sup>28</sup>	290-117	ACDEL	370018A	290225	ACDEL	416273	29057	ACDEL	6960
28X47X8	NATL	28X47X7 <sup>28</sup>	290118	ACDEL	331301N	290226	ACDEL	471192	29057	TRANS	450519
28X48X8	TIMKE	28X48X8	29012	ACDEL	710308	290227	ACDEL	417485	29057	TRANS	471271 <sup>28</sup>
28X48X8SC	TRSCM	28X48X8	290120	ACDEL	4148	290-228	ACDEL	3357	29058	ACDEL	6985
28X48X8TC	TRSCM	28X48X8	290121	ACDEL	203006	29023	ACDEL	473450	29058	HYST	473464
28X52X7	TIMKE	28X52X7	290122	ACDEL	442380	29024	ACDEL	5827	29059	ACDEL	7022S
28X52X7SC	TRSCM	28X52X7	290126	ACDEL	417509	29025	ACDEL	5836	2906	ACDEL	1183

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<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
29062	ACDEL	7381S	291103	ACDEL	8704S	291164	ACDEL	417481	291271	ACDEL	415394
29063	ACDEL	7537S	2911035	WOOL	455297	291165	ACDEL	416024	291272	ACDEL	473238
29064	ACDEL	7600S	291104	ACDEL	8724S	291166	ACDEL	455336	291273	ACDEL	410987
29065	ACDEL	7607	291104C91	IH	442380	291167	ACDEL	417541	291274	ACDEL	456618
290653R91	IH	471689 <sup>28</sup>	291105	ACDEL	9569S	291168	ACDEL	415447	291295	TIMKE	291295
29066	ACDEL	5113	291105C91	IH	442380	291169	ACDEL	455448	2913	ACDEL	473238
29067	ACDEL	7780N	291-106	ACDEL	8835S	29117	HYST	450040	291-300	ACDEL	370009A
29068	ACDEL	7834	291107	ACDEL	8940S	291170	ACDEL	455547	291-301	ACDEL	4795V
29069	ACDEL	7866S	291108	ACDEL	9049N	291171	ACDEL	417506	291-302	ACDEL	370024A
2907	ACDEL	1188	291-109	ACDEL	370086A	291172	ACDEL	455860	291-303	ACDEL	370120A
290-70	ACDEL	7934S	29111	ACDEL	2055	291173	ACDEL	415958	291-305	ACDEL	710166
29071	ACDEL	7994S	291-111	ACDEL	9128S	291175	ACDEL	456648	291-306	ACDEL	370008A
29072	ACDEL	8121S	291112	ACDEL	9161	291176	ACDEL	470987	291-307	ACDEL	8660S
29073	ACDEL	8139	291-113	ACDEL	9178S	291177	ACDEL	472856	291-308	ACDEL	370003A
29074	ACDEL	8243	291116	ACDEL	9344S	291178	ACDEL	475458	291-309	ACDEL	8660S
29075	ACDEL	8430S	291117	ACDEL	9363S	291179	ACDEL	481837	291-310	ACDEL	370106A
290-76	ACDEL	6960	291118	ACDEL	9568	291181	ACDEL	3195	291-311	ACDEL	370003A
29076	WHITE	450085	291119	ACDEL	9569S	291182	ACDEL	3199	291-312	ACDEL	710179
29076	WHITE	470530 <sup>28</sup>	291-12	ACDEL	2081	291183	ACDEL	3214	291312	BR-ST	470120
290768R91	IH	415960	291120	ACDEL	9584	291188	ACDEL	5M289	291312	BR-ST	471224 <sup>28</sup>
29077	ACDEL	8521S	291121	ACDEL	9864S	291198	ACDEL	JV701	291-313	ACDEL	224255
290-78	ACDEL	370047A	291123	ACDEL	9912	2912	ACDEL	472164	291-314	ACDEL	370371A
290-78	ACDEL	370048A	291126	ACDEL	40316S	29120	ACDEL	5313	291-315	ACDEL	4762N
290-78	ACDEL	370182A	291128	ACDEL	42763	291201	ACDEL	470712	291-316	ACDEL	710105
290-78	ACDEL	380048A	291-13	ACDEL	2146	29121	ACDEL	5401	291-319	ACDEL	710568
290787R91	IH	450115	291130	ACDEL	470764	291216	ACDEL	1208	29132	ACDEL	5458
290787R91	IH	473467	291131	ACDEL	410987	291218	ACDEL	42X55X8	291-320	ACDEL	710492
29079	ACDEL	8705S	291132	ACDEL	51098	29122	ACDEL	5403	291-322	ACDEL	710067
29080	ACDEL	8871	291133	ACDEL	410825	291221	ACDEL	473241	291-324	ACDEL	8835S
290-81	ACDEL	8974S	291135	ACDEL	51322	291222C91	IH	475003N	291-325	ACDEL	710057
290811R91	IH	416921 <sup>28</sup>	291136	ACDEL	484058	291223	ACDEL	471316	291-327	ACDEL	6358
290811R91	IH	455011	29113-68D00	SUZUK	224020	291225	ACDEL	473230	291-328	ACDEL	710522
290-82	ACDEL	8975S	29113-68D00-000	SUZUK	224020	291-232	ACDEL	370022A	291-337	ACDEL	710864
290-83	ACDEL	8976S	291137	ACDEL	455249	291-232	ACDEL	380022A	291-338	ACDEL	710888
29085	ACDEL	9015S	291138	ACDEL	456618	291237	ACDEL	417159	291348R91	IH	471765 <sup>28</sup>
29087	ACDEL	9150S	291139	ACDEL	416297	291238	ACDEL	45187S	291349R91	IH	471765 <sup>28</sup>
29088	ACDEL	9339S	291139R91	IH	415449 <sup>28</sup>	291242	ACDEL	415043	29139	ACDEL	5487
290-89	ACDEL	9406S	291139R91	IH	455147	291243	ACDEL	415711	2914	ACDEL	470898
29090	ACDEL	8705S	291140	ACDEL	415857	291244	ACDEL	55353	29141	NEHO	474278 <sup>28</sup>
29092	ACDEL	8705S	291141	ACDEL	455858	291247	ACDEL	415077	29141	NEHO	480356
29093	ACDEL	40140S	291143	ACDEL	340356	291249	ACDEL	417602	29142	NEHO	472439
290932	BR-ST	470328	291145	ACDEL	416239	291250	ACDEL	416888	29142	SPERY	472439
290932	BR-ST	481213 <sup>28</sup>	291147	ACDEL	470059	291251	ACDEL	416394	29142	VICK	472439
29094	ACDEL	40566S	291148	ACDEL	482253	291252	ACDEL	417516	29143	ACDEL	5573
29095	ACDEL	40576S	291149	ACDEL	473235	291253	ACDEL	417238	291430	BENDI	340872
29096	ACDEL	40769S	29115	ACDEL	2689S	291254	ACDEL	455584	29144	ACDEL	5578
29097	ACDEL	40973S	291150	ACDEL	451948	291256	ACDEL	417495	29144	EATON	473215 <sup>28</sup>
29098	ACDEL	41257	291151	ACDEL	411500	291257	ACDEL	415394	29145	ACDEL	5589
29099	ACDEL	42101S	291152	ACDEL	450444	291258	ACDEL	455536	2914518	CHRY	415085 <sup>28</sup>
291005R91	IH	416891 <sup>28</sup>	291153	ACDEL	470487N	291259	ACDEL	416070	2914518	CHRY	456648
291010R91	IH	415304	291154	ACDEL	471862	291261	ACDEL	416288	29146	ACDEL	5751
291010R91	IH	476470 <sup>28</sup>	291155	ACDEL	451182	291263	ACDEL	417159	29147	ACDEL	414045
29105	C-R	227409	291-156	ACDEL	415041	291264	ACDEL	416288	291-56	ACDEL	370036A
29105	SKF	227409	291157	ACDEL	416892	291265	ACDEL	416239	291-56	ACDEL	370338A
291099	TIMKE	291099	291158	ACDEL	415058	291266	ACDEL	417596	291-56	ACDEL	370349A
2911	ACDEL	1012N	291159	ACDEL	415060	291267	ACDEL	417238	291-56	ACDEL	380036A
29110	ACDEL	1955	291-16	ACDEL	5113	291268	ACDEL	455584	29159	ACDEL	6090S
291-100	ACDEL	8660S	291161	ACDEL	415064	291269	ACDEL	417267	291596R91	IH	410520
291101	ACDEL	8676S	291162	ACDEL	415437	29127	ACDEL	5408	291596R91	IH	471272 <sup>28</sup>
291102	ACDEL	8695S	291163	ACDEL	417267	291270	ACDEL	416024	2916	ACDEL	1180

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
29160	ACDEL	6241S	292121	ACDEL	475003N	29228	ACDEL	7044NA	292720R91	IH	412119 <sup>28</sup>
29161	ACDEL	6270	292122	ACDEL	475012N	29229	ACDEL	5126	292720R91	IH	450101
29162	ACDEL	6358	292123	ACDEL	475322N	2922OS	JN-MN	473224 <sup>28</sup>	292-73	ACDEL	411330N
291675	BR-ST	330663	292124	ACDEL	475368N	2923	ACDEL	224015	29273	C-R	35949N
291675	BR-ST	472354 <sup>28</sup>	292125	ACDEL	415960	29230	ACDEL	7216	29273	C-R	4563V
29171	ACDEL	6635S	292126	ACDEL	477069	29231	ACDEL	8516N	29273	SKF	35949N
29173	CHERY	481864	292127	ACDEL	471272	29234	ACDEL	7457N	29273	SKF	4563V
29174	ACDEL	485497	292-128	ACDEL	2286	29239	ACDEL	8181NA	29274	ACDEL	417344
29174	CHERY	470088	292129	ACDEL	225230	292-3P76127	LUF	473243	29275	ACDEL	415960
29177	ACDEL	6864S	292131	ACDEL	5126	2924	ACDEL	224045	29276	ACDEL	416921
29178	ACDEL	6872S	292132	ACDEL	473274N	29241	ACDEL	8293S	29277	ACDEL	415036
29181	ACDEL	9568	292-135	ACDEL	710166	292-42	ACDEL	8460N	29277	C-R	416500
29182	UNIVE	450038	292136	ACDEL	5M643	29243	ACDEL	8515N	29277	SKF	416500
29183	MICH	450038	292138	ACDEL	472258	292439R91	IH	417020	29278	ACDEL	417487
291832	BR-ST	471646 <sup>28</sup>	29214	ACDEL	5857	29244	ACDEL	8516N	29279	ACDEL	416444
291832R1	IH	417602 <sup>28</sup>	292144R91	IH	450154	292446R91	IH	416107 <sup>28</sup>	29280	ACDEL	416271
291841	BR-ST	471267 <sup>28</sup>	292144R91	IH	473234	292446R91	IH	455073	292807C91	IH	713750
291851R91	IH	416476 <sup>28</sup>	292151	ACDEL	223542	292447R91	IH	416107 <sup>28</sup>	29281	ACDEL	418028
291851R91	IH	455075	292152	ACDEL	1173	292447R91	IH	455073	29282	ACDEL	415147
291852R91	IH	416476 <sup>28</sup>	292153	ACDEL	1176	292448R91	IH	416107 <sup>28</sup>	29283	ACDEL	416404
291852R91	IH	455075	292154	ACDEL	1177	292448R91	IH	455073	29284	ACDEL	415379
29188	C-R	35949N	292155	ACDEL	224520	292-45	ACDEL	8610	29285	ACDEL	473215
29188	SKF	35949N	292156	ACDEL	32X58X8	292472	BR-ST	470328	29286	ACDEL	450076
29189	ACDEL	7687S	292165	ACDEL	470487N	292472	BR-ST	481213 <sup>28</sup>	2928694	GMC	370024A
2919	ACDEL	1960	292167	ACDEL	471847N	292473	BR-ST	470120	2928694	GMC	6864S
29191	ACDEL	7886S	2921OS	JN-MN	470074	292473	BR-ST	471224 <sup>28</sup>	29287	ACDEL	473464
29193	ACDEL	8133S	2921OS	JN-MN	474265	29249	ACDEL	3604	29288	ACDEL	410102
29194	ACDEL	51098	29221	ACDEL	6612S	29250	ACDEL	9316	29289	ACDEL	450103
29195	ACDEL	8429S	292-210	ACDEL	370004A	29251	ACDEL	470308N	292-9	ACDEL	370003A
29196	ACDEL	8477S	292214	ACDEL	55301S	29252	ACDEL	475009N	292-9	ACDEL	380003A
29197	ACDEL	8549S	292216	ACDEL	415371	29253	ACDEL	416921	29290	ACDEL	450143
291973R91	IH	455186	292217	ACDEL	415001	29254	ACDEL	475012N	29291	ACDEL	453165
29198	ACDEL	8594S	292218	ACDEL	455479	292543R91	IH	450301	29292	ACDEL	410190
29199	ACDEL	8597S	29222	ACDEL	6649	292543R91	IH	472397 <sup>28</sup>	29293	ACDEL	450317
292025R91	IH	415076	292223	ACDEL	410496	29256	ACDEL	35949N	29294	ACDEL	474255
292030R91	IH	417562	292225	ACDEL	416294	29258	ACDEL	40286	292949C91	IH	415995V
29207	NOK	4739	292226	ACDEL	416706	29259	ACDEL	40337S	292949C91	IH	455995N
2921	ACDEL	472492	292227	ACDEL	450467	2926	ACDEL	224045	29295	ACDEL	470358
29210	NOK	710416	292228	ACDEL	416163	2926	HWY	470163	29296	ACDEL	470403
292100	ACDEL	450776	292229	ACDEL	455260	2926	HWY	471766 <sup>28</sup>	29297	ACDEL	471138
292101	ACDEL	450984	29223	C-R	416956	29260	ACDEL	40438S	29298	ACDEL	450456
292102	ACDEL	451078	29223	SKF	416956	29260	C-R	417159	29299	ACDEL	450686
292104	ACDEL	416444	292230	ACDEL	455290	29260	SKF	417159	292E765145	LUF	415551
292105	ACDEL	417211	292231	ACDEL	415350	292606	ACF	475012N	292E920110	LUF	471647
292106	ACDEL	417539	292232	ACDEL	417537	29261	ACDEL	41787S	292E920140	LUF	410163
292107	ACDEL	415281N	292234	ACDEL	455434	29262	C-R	417159V	292E920140	LUF	471766 <sup>28</sup>
292108	ACDEL	417159	292235	ACDEL	417497	29262	SKF	417159V	292E920151	LUF	472826 <sup>28</sup>
292109	ACDEL	416404	292236	ACDEL	417551	29263	ACDEL	410737	292E920330	LUF	417316 <sup>28</sup>
29211	ACDEL	450666	292237	ACDEL	416047	29264	JN SON	450519	292E920330	LUF	455004
292-110	ACDEL	455355	292239	ACDEL	472636	29264	JN SON	471271 <sup>28</sup>	292E920350	LUF	416654 <sup>28</sup>
292111	ACDEL	455356	29224	ACDEL	6808N	29264	NOK	223553	292E920350	LUF	455012
292112	ACDEL	415371	29224	C-R	416956	29265	ACDEL	484054	292E920400	LUF	476470
292113	ACDEL	415437	29224	SKF	416956	29266	ACDEL	55028	292E920860	LUF	415551
292114	ACDEL	417518	292240	ACDEL	472924	29268	ACDEL	410101N	292E920960	LUF	415128
292115	ACDEL	455500	292241	ACDEL	415371	29269	ACDEL	472179	292N920280	LUF	413247 <sup>28</sup>
292116	ACDEL	416292	292242	ACDEL	417551	292-7	ACDEL	2043	292N920280	LUF	450350
292117	ACDEL	470331N	292243	ACDEL	416047	29270	ACDEL	410183N	292SP10731	LUF	415449 <sup>28</sup>
292119	ACDEL	471707N	292244	ACDEL	415350	29271	ACDEL	410686N	292SP10731	LUF	455147
292-12	ACDEL	5778	29225	ACDEL	6818	292719R91	IH	475003N	292SP10734	LUF	417487
292120	ACDEL	472747	29227	ACDEL	6930	29272	ACDEL	410737	292SP10734	LUF	455014

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<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
292SP10735	LUF	417357	293123	ACDEL	415013N	293174	ACDEL	450737	293269	ACDEL	473460
292SP10735	LUF	455192 <sup>28</sup>	293124	ACDEL	476470	293175	ACDEL	450867	29327	ACDEL	5976S
292SP10736	LUF	417316 <sup>28</sup>	293125	ACDEL	415991	293178	ACDEL	451143	293273	ACDEL	480491
292SP10736	LUF	455004	293126	ACDEL	415281N	293179	ACDEL	451147H	293274	ACDEL	50528
292SP10737	LUF	417196 <sup>28</sup>	293127	ACDEL	415437	293181	ACDEL	415988	293277	ACDEL	343185
292SP10748	LUF	416273 <sup>28</sup>	293128	ACDEL	415983N	293182	ACDEL	416047	293280	ACDEL	472636
292SP10759	LUF	415281N	293129	ACDEL	415991	293183	ACDEL	415379	293281	ACDEL	415991
292SP10789	LUF	415147	29313	ACDEL	5202	293184	ACDEL	455322	293282	ACDEL	417191
292SP10789	LUF	415449 <sup>28</sup>	293130	ACDEL	473225	293185	ACDEL	455322N	293283	ACDEL	417344
292SP10791	LUF	415995 <sup>28</sup>	293131	ACDEL	6241S	293186	ACDEL	415483	293284	ACDEL	473412
292SP10791	LUF	455013	293132	ACDEL	471820	2931862	CHRYS	5126	293285	ACDEL	450311
292SP10795	LUF	415072	293133	ACDEL	471869	2931875	CHRYS	8835S	293286	ACDEL	450362
292SP10796	LUF	416865 <sup>28</sup>	293134	ACDEL	473226	293188	ACDEL	470380	293288	ACDEL	450415
292SP10796	LUF	455070	293135	ACDEL	473447	293189	ACDEL	472185	293289	ACDEL	450604
292SP10797	LUF	470548	293137	ACDEL	471763	293190	ACDEL	472705	29329	ACDEL	6200
292SP10797	LUF	470625 <sup>28</sup>	293138	ACDEL	450161	293191	ACDEL	471827	293290	ACDEL	450911N
292SP10798	LUF	415991	293139	ACDEL	471765	293192	ACDEL	470687	293291	ACDEL	416047
292SP10798	LUF	455146 <sup>28</sup>	29314	ACDEL	5203	293193	ACDEL	470898	293292	ACDEL	472164
292SP10816	LUF	450316	293140	ACDEL	470163	293194	ACDEL	471554	293293	ACDEL	473212
292SP10816	LUF	472636 <sup>28</sup>	293141	ACDEL	471801	293195	ACDEL	471341	293294	ACDEL	470680
292SP65130	LUF	416556 <sup>28</sup>	293142	ACDEL	473016	293196	ACDEL	472189A	293295	ACDEL	471268N
292SP65130	LUF	472157	293143	ACDEL	450183	293197	ACDEL	470898	293296	ACDEL	470530
292SP75906	LUF	455018	293144	ACDEL	471571	293198	ACDEL	471424	293297	ACDEL	472185
292SP75906	LUF	476470	293145	ACDEL	450185	293199	ACDEL	480479H	293298	ACDEL	410101N
292SP76127	LUF	473243	293145	ACDEL	473229	293200	ACDEL	480954	293299	ACDEL	471424
292SP76371	LUF	450067	293146	ACDEL	450194	293-201	ACDEL	481181N	2933	ACDEL	1167
292SP76371	LUF	473228	293147	ACDEL	470219	293202	ACDEL	482163N	293300	ACDEL	417343
292SP76685	LUF	415086N	293148	ACDEL	470590	293203	ACDEL	471652	293301	ACDEL	471419
292SP76685	LUF	417487 <sup>28</sup>	293149	ACDEL	473211	293204	ACDEL	415483	293302	ACDEL	471801
292SP76700	LUF	416888 <sup>28</sup>	293150	ACDEL	470682	293205	ACDEL	223840	293303	ACDEL	415483
292SP767000	LUF	416888 <sup>28</sup>	293151	ACDEL	450298	293206	ACDEL	33X50X12	293-304	ACDEL	473214
29307A	HYST	410987 <sup>28</sup>	293151	ACDEL	473239	293207	ACDEL	2506	293305	ACDEL	471424
29307A	HYST	450103	293152	ACDEL	472394	293208	ACDEL	2658V	293306	ACDEL	473212
29308	HYST	410987 <sup>28</sup>	293153	ACDEL	472012	293210	ACDEL	6847S	293307	ACDEL	410059
29310	ACDEL	2655	293155	ACDEL	473457	293211	ACDEL	8421S	29331	US-EL	474255
29310	NOK	223540	293156	ACDEL	450308	293212	ACDEL	5MR1300	29332	ACDEL	471829
293100	ACDEL	331228H	293157	ACDEL	410312N	293214	ACDEL	473010	293-33	ACDEL	6712NA
293101	ACDEL	340797	293158	ACDEL	410312N	29322	ACDEL	5201	29334	ACDEL	6835S
293103	ACDEL	350567	293159	ACDEL	450313	29322	C-R	475012N	29335	ACDEL	6847S
293104	ACDEL	350823	29316	C-R	416654 <sup>28</sup>	29322	SKF	475012N	293353R91	IH	415483 <sup>28</sup>
293105	ACDEL	350909	29316	SKF	416654	293228	ACDEL	33X50X12	293353R91	IH	455368
293106	ACDEL	473228	293160	ACDEL	473243	29323	ACDEL	5200	29336	ACDEL	8160S
293107	ACDEL	470334	293161	ACDEL	473245	293230	ACDEL	223240	29337	ACDEL	6879H
293108	ACDEL	473234	293162	ACDEL	450316	293238	ACDEL	9599S	29339	ACDEL	6988H
293109	ACDEL	471649	293163	ACDEL	450329	293239	ACDEL	3116N	2934	ACDEL	3771
29311	ACDEL	5200	293164	ACDEL	471883	293246	ACDEL	473228	293.400	ELRNG	710758
293110	ACDEL	470712	293165	ACDEL	450365	293249	ACDEL	8609	29341	ACDEL	410059
293111	ACDEL	410308	293166	ACDEL	471652	293250	ACDEL	473234	29342	ACDEL	9613S
293112	ACDEL	410316	293167	ACDEL	450452	293251	ACDEL	471801	29343	ACDEL	7038SA
293113	ACDEL	472164	293168	ACDEL	473445	293252	ACDEL	472179	29344	ACDEL	330663
293114	ACDEL	473231	293169	ACDEL	450494	293253	ACDEL	472164	29346	ACDEL	7188S
293115	ACDEL	470898	29317	ACDEL	5206	293255	ACDEL	415988	29347	ACDEL	471344
293116	ACDEL	473227	29317	C-R	416654 <sup>28,29</sup>	293257	ACDEL	473214	29348	ACDEL	7300S
293117	ACDEL	471341	29317	C-R	475012N	293258	ACDEL	473468	29350	ACDEL	7399S
293118	ACDEL	410520	29317	SKF	416654	29326	ACDEL	5872S	29350	C-R	416654
293119	ACDEL	471829	29317	SKF	475012N	293261	ACDEL	480479H	293-51	ACDEL	7412S
29312	ACDEL	5201	293170	ACDEL	450519	293265	ACDEL	472258	29353	ACDEL	7495S
293120	ACDEL	471344	293171	ACDEL	472258	293266	ACDEL	471413	29355	ACDEL	342805
293121	ACDEL	415004	293172	ACDEL	470565	293267	ACDEL	471413	29357	ACDEL	473473
293122	ACDEL	415013	293173	ACDEL	413248	293268	ACDEL	6565N	29358	ACDEL	7692S

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
29360	ACDEL	7751H	29414	ACDEL	40101S	29465	ACDEL	41599S	29529	ACDEL	321460
29362	ACDEL	7929S	29415	ACDEL	471571	29465	C-R	455356 <sup>29</sup>	2953	ACDEL	5115
29363	ACDEL	7937N	29416	ACDEL	240319	29465	SKF	455356	29531	ACDEL	473231
29364	ACDEL	8160S	294160	BR-ST	470027	29466	ACDEL	473179	29531	BR-ST	471354 <sup>28</sup>
293-65	ACDEL	8792S	294160	BR-ST	471554 <sup>28</sup>	2947	ACDEL	351267	29532	ACDEL	332062
29367	ACDEL	8935S	294167	BR-ST	471270 <sup>28</sup>	2947	ACDEL	471267	29533	ACDEL	3945
29367	BR-ST	471567 <sup>28</sup>	29417	ACDEL	40401	29471	C-R	712937	29534	ACDEL	350936
29368	BR-ST	450593 <sup>28</sup>	29418	ACDEL	40433S	29471	SKF	712937	29535	ACDEL	472439
29369	ACDEL	9376	29419	ACDEL	50151S	29472	C-R	370247A	29536	ACDEL	410708
2937	ACDEL	2443	2942	ACDEL	1049	29472	SKF	370247A	29536299	ACDEL	710623
293-70	ACDEL	9449	2942	TIMKE	2942	29475A	C-R	710641	29536299	GMC	710623
29371	ACDEL	9487	29420	ACDEL	480356	29475A	SKF	710641	29536379	GMC	415988
293-72	ACDEL	9613S	29421	ACDEL	352541	294769C91	IH	370004A	29537	ACDEL	476470
29373	ACDEL	410059	29422	ACDEL	350414	2948	ACDEL	7013S	29537	C-R	227530 <sup>29</sup>
29375	ACDEL	8160S	29423	ACDEL	323138	29480	C-R	370211A	29537	C-R	75X95X10 <sup>28</sup>
29376	ACDEL	471829	29424	ACDEL	415836	29480	SKF	370211A	29537	SKF	227530
29377	ACDEL	415991	29425	ACDEL	240151	29485	C-R	710462	29537	SKF	75X95X10
29378	ACDEL	415991	29425	C-R	370247A	29485	SKF	710462	29538	ACDEL	472082
29379	ACDEL	417352	29425	SKF	370247A	2949	ACDEL	471652	29539	ACDEL	450096
2937D	GOODM	416047	29426	ACDEL	240356	295	C-P	450593 <sup>28</sup>	2953962	CHRY	442380
2937D	GOODM	416332 <sup>28</sup>	29427	ACDEL	6703S	295	C-R	5174	2954	ACDEL	39813
2938	ACDEL	2503N	29428	ACDEL	240414	295	SKF	5174	29540	ACDEL	470354
29380	ACDEL	415991	29429	ACDEL	240731	29505	C-R	710240	29540	C-R	227540
29381	ACDEL	472394	29430	ACDEL	240733	29505	SKF	710240	29540	C-R	227550 <sup>29</sup>
29382	EATON	370023A	29431	ACDEL	240735	29510	ACDEL	6636S	29540	C-R	75X100X12 <sup>28</sup>
29382	EATON	380023A	29432	ACDEL	240736	29510	C-R	75X90X10	29540	SKF	227540
29382	EATON	456618	29433	ACDEL	350954	29510	SKF	75X90X10	29540	SKF	227550
29383	ACDEL	40027S	29434	ACDEL	340151	29513	ACDEL	6759S	29540	SKF	75X100X12
29383	C-R	415012V	29435	ACDEL	340413	29513	C-R	75X90X10 <sup>28</sup>	2954010	MOPAR	5778
29383	SKF	415012V	29435	NOK	1147	29513	SKF	75X90X10	2954018	CHRY	40769S
29385	ACDEL	340771	29436	ACDEL	340495	29514	ACDEL	6936S	29540309	ACDEL	710623
29385	C-R	417486	29436	NOK	1146	29515	ACDEL	3103	29540309	GMC	710623
29385	SKF	417486	29437	ACDEL	340724	29516	ACDEL	3103	29541	ACDEL	450400
29386	ACDEL	473463	29437	NOK	1147	29517	ACDEL	7486S	2954128	CHRY	410308 <sup>28</sup>
29387	ACDEL	50266	29438	ACDEL	340787	29518	ACDEL	3095	2954128	CHRY	473468
29387	NOK	710112	29438	NOK	1036	29519	ACDEL	7581H	2954147	PEERC	471567 <sup>28</sup>
29388	ACDEL	470506	29439	ACDEL	471413	29519	C-R	710465	2954148	PEERC	473227
2938D	GOODM	415937 <sup>28</sup>	29440	ACDEL	410163	29519	SKF	710465	295416	PEERC	415327
29391	ACDEL	471419	29441	ACDEL	471689	2952	ACDEL	3095	29542	ACDEL	470543
29392	ACDEL	472287	29442	ACDEL	471267	29520	ACDEL	2692	29542	C-R	227550 <sup>29</sup>
29393	ACDEL	240009	29443	ACDEL	472185	29520	C-R	710087	29542	SKF	227550
29394	ACDEL	240698	29444	ACDEL	471466	29520	SKF	710087	29543	ACDEL	482041N
29394PTB	TRSCM	35949N	29446	ACDEL	473179	29523	ACDEL	9599S	29543	C-R	75X100X10
29394PTB	TRSCM	476500N	29447	ACDEL	470548	295-24	ACDEL	9845	29543	SKF	75X100X10
29395	ACDEL	240816	29448	ACDEL	473237	2952467	CHRY	6808N	29544	ACDEL	472082
29396	ACDEL	311189	29449	ACDEL	474276	29525	ACDEL	472439	29545	ACDEL	472341
29397	ACDEL	330663	2945	ACDEL	351267	29525	C-R	227530	29545376	ACDEL	710623
29398	ACDEL	331107N	2945	ACDEL	471267	29525	C-R	75X95X10 <sup>28</sup>	29545376	GMC	710623
29399	ACDEL	331227H	29454	ACDEL	1037	29525	SKF	227530	29546	ACDEL	480574H
29400	C-R	370211A	29456	ACDEL	7399S	29525	SKF	75X95X10	29546682	ACDEL	710623
29400	SKF	370211A	29457	ACDEL	6597S	29526	C-R	3698	29546682	GMC	710623
29404PTB	TRSCM	475012N	29458	ACDEL	480821	29526	SKF	3698	29547	ACDEL	481195
29404TA	TRSCM	455012	29459	ACDEL	6597S	29526	ACDEL	42260S	2954738	CHRY	455086
29408011	GARLK	471645	2946	ACDEL	6859S	29527	ACDEL	476470	29548	ACDEL	470351
2940D	GOODM	55028	29460	ACDEL	43071S	29528	C-R	127591	29549	ACDEL	3103
29410	ACDEL	7840S	294606	BR-ST	441130	29528	C-R	710959	2955	TIMKE	2955
29411	ACDEL	8773S	29461	ACDEL	471689	29528	SKF	127591	2955098	CHRY	415458 <sup>28</sup>
29412	ACDEL	8059S	29462	ACDEL	472157	29528	SKF	127591	2955098	CHRY	475458
29413	ACDEL	8773S	29464	ACDEL	471224	29528	SKF	710959			
29413TA	TRSCM	417486	29465	ACDEL	415836						

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
29551	ACDEL	5M81	2961190	CHRY5	5778	29667H	IH	411253 <sup>28</sup>	29728	ACDEL	204020
29555	C-R	75X105X13	296-12	ACDEL	5111S	29667H	IH	450099	29728	LEECE	450078
29555	SKF	75X105X13	29614	ACDEL	5116	29672	ACDEL	5108	29728	LEECE	473444
2955635	CHRY5	481181 <sup>28</sup>	2961493	CHRY5	9773	29676	C-R	1019	29729	ACDEL	441319
2955635	CHRY5	481181N	296-15	ACDEL	710891	29676	SKF	1019	2972981	CHRY5	370001A
2955637	CHRY5	450519	2961607	CHRY5	452554N	296-8	ACDEL	5092	2972981	CHRY5	380001A
2955637	CHRY5	471271 <sup>28</sup>	2961618	CHRY5	415991 <sup>28</sup>	296804	ACF	415016N	29720S	JN-MN	470074
29557	ACDEL	472164	2961618	CHRY5	415991N	29683	ACDEL	415894	29720S	JN-MN	474265
29558	ACDEL	224040	296-18	ACDEL	710521	296842	HYST	415234 <sup>28</sup>	2973	ACDEL	200354
2955840	CHRY5	370003A	296-19	ACDEL	710555	29685	PEERC	415327	29730	ACDEL	442109
2955840	CHRY5	380003A	2962	ACDEL	227040	296863R91	IH	470120	29731	ACDEL	470567
2955842	CHRY5	370023A	296-20	ACDEL	5095	296863R91	IH	471224 <sup>28</sup>	29732	ACDEL	412861
2955842	CHRY5	380023A	296-21	ACDEL	710606	29689	ACDEL	327303	29733	ACDEL	40154S
2955843	CHRY5	370034A	296-25	ACDEL	3945	296-9	ACDEL	5095	29734	ACDEL	204008
2955RC	SUL	415711	29628	JOHND	450298	29690	ACDEL	415213N	297346R91	IH	471424 <sup>28</sup>
29563	ACDEL	483246N	29628	JOHND	473239	29692	ACDEL	451583	297347R91	IH	470565 <sup>28</sup>
29563	C-R	710384	29629	ACDEL	5419	29693	ACDEL	455583N	2973650	CHRY5	370007A
29563	SKF	710384	2963	ACDEL	5026	296931R91	IH	415995 <sup>28</sup>	2973680	CHRY5	370007A
29564	ACDEL	2955	29637	ACDEL	5460	296931R91	IH	455013	2973863	CHRY5	417267
29565	ACDEL	39302	296390C91	IH	370048A	29694	ACDEL	455956H	29730S	JN-MN	471255 <sup>28</sup>
29566D	IH	470074	296390C91	NAVST	370182A	29695	ACDEL	481644	29740892	IVECO	1209
29566D	IH	474265	296390C91	NAVST	380048A	29696	ACDEL	415379	29742	HYST	471689 <sup>28</sup>
29567	ACDEL	471271	296392C91	IH	370007A	296D4	WHITE	410519	29749X	MASSE	450444
29568	ACDEL	411253	296393C91	IH	370001A	296D4	WHITE	471271 <sup>28</sup>	29749X	MASSE	471835 <sup>28</sup>
2956OS	JN-MN	415035 <sup>28</sup>	296393C91	NAVST	380001A	297	C-R	5174	29740S	JN-MN	470682
2956OS	JN-MN	455035	296394C91	IH	370019A	297	SKF	5174	2975	ACDEL	6283S
2957	ACDEL	6186	296396C92	IH	370019A	29700	KELSE	5924	29750X	MASSE	450078
29570	ACDEL	415938	2964	ACDEL	5070	297000C91	IH	473473	29750X	MASSE	473444
29571	ACDEL	415449	296409C91	IH	370033A	297001C91	IH	473473	297513	BUC-E	455195
29572	ACDEL	417171	296437C91	IH	370021A	29705X	MASSE	450078	297513	BUC-E	472157 <sup>28</sup>
29573	ACDEL	455006N	296438C91	IH	370036A	29705X	MASSE	473444	297514	BUC-E	415871
29574	ACDEL	480988H	296438C91	IH	370349A	29708	NOK	321460	297517	BUC-E	416107 <sup>28</sup>
295749R91	IH	473231 <sup>28</sup>	296438C91	NAVST	380036A	29700S	JN-MN	450185	297517	BUC-E	455073
29575	ACDEL	472185	296440C91	IH	370003A	29700S	JN-MN	473229	2975320	CHRY5	370057A
29576	ACDEL	472492	296440C91	NAVST	380003A	29710	ACDEL	7781S	2975361	CHRY5	370003A
29577	ACDEL	475004H	296441C91	IH	370030A	29711	ACDEL	40494S	2975361	CHRY5	380003A
29578	ACDEL	473231	29646	ACDEL	5072	29712	ACDEL	43089S	297591R91	IH	450084 <sup>28</sup>
29579	ACDEL	470351	29647	ACDEL	5591	29713	ACDEL	203003	29759X	MASSE	450065
2958	ACDEL	6460S	29649	ACDEL	6329S	29714	ACDEL	203003	29760	HYST	415082
29585	C-R	75X115X12	2965	ACDEL	5072	29715	ACDEL	203008	29761	CHERY	471192
29585	SKF	75X115X12	29650	ACDEL	7014S	29716	ACDEL	203012	2976511	CHRY5	370001A
29587	C-R	75X120X10 <sup>29</sup>	296501C91	IH	475003N	29716	NOK	710056	2976511	CHRY5	380001A
29587	SKF	75X120X10	296509C1	IH	475003N	29717	ACDEL	203013	297661	BUC-E	416125 <sup>28</sup>
2959	ACDEL	410708	29651	ACDEL	40301S	29718	ACDEL	203016	297667	BUC-E	415645 <sup>28</sup>
29590	C-R	200322	29652	ACDEL	351487	29719	ACDEL	203020	297667	BUC-E	455104
29590	SKF	200322	296543	ACF	416130 <sup>28</sup>	29710S	JN-MN	473226	2976698	CHRY5	370023A
296-01	ACDEL	3945	29655	ACDEL	335924N	2972	ACDEL	5796	2976698	CHRY5	380023A
296-02	ACDEL	100470	29656	ACDEL	345035	29720	ACDEL	203025	2977	ACDEL	6832S
296-03	ACDEL	320259	296573	ACF	416070	2972024	CHRY5	370001A	29771X	MASSE	470358
2960381	CHRY5	370033A	29658	ACDEL	350974	2972024	CHRY5	380001A	29771X	MASSE	473231
296-04	ACDEL	9845	29659	ACDEL	415156N	29721	ACDEL	203029	2978	ACDEL	6906S
296-05	ACDEL	370023A	2965RC	SUL	417211 <sup>28</sup>	29722	ACDEL	204002	297824	ACF	450194
296-06	ACDEL	710601	29660	ACDEL	417158	297226R91	IH	472924 <sup>28</sup>	297824	ACF	473010
296-07	ACDEL	710613	29661	ACDEL	455035N	297227R91	IH	416556 <sup>28</sup>	2978604	CHRY5	370057A
296-08	ACDEL	223800	29662	ACDEL	456865N	297227R91	IH	472157	29792-57B01	SUZUK	710329
2961	ACDEL	226020	29663	ACDEL	455251H	29723	ACDEL	204008	29792-57BG0	SUZUK	710319
2961012	LILIS	473227 <sup>28</sup>	29664	ACDEL	455480	29724	ACDEL	204013	29795	NOK	2955
296-11	ACDEL	5108	29665	ACDEL	2218	29725	ACDEL	204017	297951R91	IH	450084 <sup>28</sup>
2961188	CHRY5	9316	296653	ACF	416130 <sup>28</sup>	29726	ACDEL	204020	29799	C-R	4307V
			29666	ACDEL	480581	29727	ACDEL	205015	29799	SKF	4307V

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2979957B00	SUZUK	223831	298162	ACDEL	350156	298215	ACDEL	471532	298276	ACDEL	470120
29804	C-R	710601	298162	ACDEL	473096	298216	ACDEL	471472	298277	ACDEL	450121
29804	SKF	710601	298163	ACDEL	350364	298217	ACDEL	471535	298278	ACDEL	471735
29810	ACDEL	471442	298164	ACDEL	350394	298218	ACDEL	473405	298279	ACDEL	472826
298101	ACDEL	472432	298165	ACDEL	350414	29822	ACDEL	483054N	29828	ACDEL	6545
298101	ACDEL	474256	298166	ACDEL	470543	298221	ACDEL	471558	298280	ACDEL	450132
298102	ACDEL	472185	298167	ACDEL	471554	298222	ACDEL	471255	298281	ACDEL	450133
298103	ACDEL	412725	298169	ACDEL	473232	298223	ACDEL	481073	298282	ACDEL	471192
298104	ACDEL	55030	29817	ACDEL	6357S	298224	ACDEL	450025	298283	ACDEL	470548
298105	ACDEL	416282	298170	ACDEL	410085	298225	ACDEL	470027	298284	ACDEL	471529
298106	ACDEL	417563	298171	ACDEL	410085N	298226	ACDEL	471567	298285	ACDEL	472234
298107	ACDEL	417570	298172	ACDEL	411253	298228	ACDEL	450030	298286	ACDEL	471413
298110	ACDEL	415867	298173	ACDEL	412119	298229	ACDEL	471570	298288	ACDEL	473460
298111	ACDEL	415349	298174	ACDEL	410119	298231	ACDEL	450039	298289	ACDEL	473205
298113	ACDEL	327303	298175	ACDEL	471224	298232	ACDEL	450040	29829	ACDEL	6575S
298114	ACDEL	55419	298176	ACDEL	412920	298233	ACDEL	450593	298290	ACDEL	472287
298115	ACDEL	415442	298177	ACDEL	470625	298234	ACDEL	450043	298291	ACDEL	450154
298116	ACDEL	55469	298178	ACDEL	470954	298234	ACDEL	473419	298292	ACDEL	471760
298117	ACDEL	417780	298179	ACDEL	472287	298235	ACDEL	450044	298293	ACDEL	473424
298118	ACDEL	55563	29818	ACDEL	6370N	298236	ACDEL	470045	298294	ACDEL	470169
298119	ACDEL	415683	298180	ACDEL	471763	298237	ACDEL	473426	298295	ACDEL	473421
298120	ACDEL	410825	298181	ACDEL	472015	298238	ACDEL	471750	298296	ACDEL	473435
298121	ACDEL	200642	298182	ACDEL	471391	298239	ACDEL	471354	298297	ACDEL	472674
298122	ACDEL	200110	298183	ACDEL	473243	29824	ACDEL	455566	298298	ACDEL	473236
298123	ACDEL	200322	298184	ACDEL	413247	298240	ACDEL	450054	298299	ACDEL	450188
298124	ACDEL	200371	298185	ACDEL	471883	298241	ACDEL	473438	29830	ACDEL	6584S
298125	ACDEL	200851	298186	ACDEL	410519	298242	ACDEL	470062	298300	ACDEL	470189
298126	ACDEL	203034	298188	ACDEL	471224	298243	ACDEL	470064	298301	ACDEL	472705
298127	ACDEL	204029	298189	ACDEL	471570	298244	ACDEL	450065	298302	ACDEL	481443
298128	ACDEL	204035	29819	ACDEL	6380	298245	ACDEL	450066	298302568	REX	415449 <sup>28</sup>
298129	ACDEL	205005	29819	NEWPR	710660	298246	ACDEL	450067	298302668	REX	417172
298130	ACDEL	205017	298190	ACDEL	415894	298247	ACDEL	450069	298303	ACDEL	471231
298131	ACDEL	205035	298191	ACDEL	415003	298248	ACDEL	450070	298303068	REX	415082
298132	ACDEL	210945	298192	ACDEL	415027	298249	ACDEL	472439	298303268	REX	470059
298133	ACDEL	411376	298193	ACDEL	416125	298250	ACDEL	481864	298303268	REX	470380 <sup>28</sup>
298134	ACDEL	415449	298194	ACDEL	415035	298251	ACDEL	450073	298303468	REX	473473
298136	ACDEL	240023	298195	ACDEL	415138	298252	ACDEL	470074	298303568	REX	410496 <sup>28</sup>
298138	ACDEL	240119	298196	ACDEL	416865	298253	ACDEL	470077	298303768	REX	471424 <sup>28</sup>
298139	ACDEL	240319	298197	ACDEL	416011	298254	ACDEL	450078	298304	ACDEL	451583
29814	ACDEL	6163S	298198	ACDEL	417181	298254	ACDEL	473444	298304568	REX	472179
298140	ACDEL	471267	298199	ACDEL	415725	298255	ACDEL	473446	298304668	REX	417343 <sup>28</sup>
298141	ACDEL	240462	2982	ACDEL	5727	298256	ACDEL	450082	298304768	REX	450444
298142	ACDEL	240716	2982	CALSO	450494	298257	ACDEL	450084	298304768	REX	471835 <sup>28</sup>
298143	ACDEL	453279	2982	CALSO	472164 <sup>28</sup>	298258	ACDEL	450085	298304868	REX	417507 <sup>28</sup>
298144	ACDEL	291099	298200	ACDEL	476470	298259	ACDEL	470086	298304868	REX	455513
298147	ACDEL	340009S	298201	ACDEL	415984	298260	ACDEL	473313	298304968	REX	416364 <sup>28</sup>
298148	ACDEL	340120	298202	ACDEL	416664	298261	ACDEL	470088	298305	ACDEL	480210
298149	ACDEL	340136	298203	ACDEL	415389	298262	ACDEL	473458	298305368	REX	450185
29815	ACDEL	452222	298204	ACDEL	415498	298263	ACDEL	450094	298305368	REX	473229
298150	ACDEL	340385	298205	ACDEL	415899N	298264	ACDEL	413469	298306068	REX	417079
298151	ACDEL	351267	298205	ACDEL	416624N	298265	ACDEL	412943	298306168	REX	410085
298152	ACDEL	340400	298206	ACDEL	415013N	298266	ACDEL	450099	298306168	REX	470530 <sup>28</sup>
298153	ACDEL	340483	298207	ACDEL	440972	298267	ACDEL	410694	298306268	REX	415899N
298155	ACDEL	340771	298208	ACDEL	441130	298268	ACDEL	450101	298306268	REX	416624N
298156	ACDEL	340815	298209	ACDEL	441853	298269	ACDEL	473441	298306368	REX	415146 <sup>28</sup>
298157	ACDEL	340817	29821	ACDEL	471442	298270	ACDEL	450111	298306368	REX	415991
298158	ACDEL	340823	298210	ACDEL	442109	298271	ACDEL	450115	298306768	REX	473214 <sup>28</sup>
298159	ACDEL	340900	298211	ACDEL	442251	298273	ACDEL	450117	298306968	REX	417349 <sup>28</sup>
298160	ACDEL	340927	298213	ACDEL	471530	298274	ACDEL	450118	298307	ACDEL	471646
298161	ACDEL	345146	298214	ACDEL	471281	298275	ACDEL	471442	298307068	REX	416047

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
298307068	REX	416332 <sup>28</sup>	298361	ACDEL	450463	298412	ACDEL	455014	298471	ACDEL	455151
298308	ACDEL	471647	298362	ACDEL	450472	298413	ACDEL	416288	298472	ACDEL	417134
298308968	REX	415379	298363	ACDEL	450474	298414	ACDEL	456105	298473	ACDEL	417486
298309	ACDEL	471648	298364	ACDEL	471818	298415	ACDEL	455018	298474	ACDEL	455154
298309468	REX	417603 <sup>28</sup>	298365	ACDEL	450489	298416	ACDEL	455019	298475	ACDEL	416011
298310	ACDEL	471651	298366	ACDEL	450492	298417	ACDEL	415021	298476	ACDEL	417488
298311	ACDEL	471698	298367	ACDEL	410520	298418	ACDEL	455022	298477	ACDEL	417171
298312	ACDEL	472951	298368	ACDEL	473423	298419	ACDEL	415023	298478	ACDEL	417181
298313	ACDEL	471688	298369	ACDEL	410524	298420	ACDEL	455024	298479	ACDEL	415894
298314	ACDEL	471689	29837	ACDEL	450185	298421	ACDEL	415025	29848	ACDEL	8126S
298315	ACDEL	471705	29837	ACDEL	473229	298422	ACDEL	455026	298480	ACDEL	417191
298316	ACDEL	471733	298371	ACDEL	471744	298423	ACDEL	415027	298481	ACDEL	417492
298317	ACDEL	470712	298372	ACDEL	472150	298425	ACDEL	416125	298482	ACDEL	417196
298318	ACDEL	471744	298373	ACDEL	471224	298426	ACDEL	416339	298483	ACDEL	415937
298319	ACDEL	471785	298374	ACDEL	471808	298427	ACDEL	455033	298484	ACDEL	417210
29832	ACDEL	6590S	298375	ACDEL	412027	298428	ACDEL	455034	298485	ACDEL	455186
298320	ACDEL	471787	298376	ACDEL	413246	298429	ACDEL	415035	298486	ACDEL	455188
298321	ACDEL	471795	298376	ACDEL	413246N	29843	ACDEL	7186S	298487	ACDEL	455189
298322	ACDEL	473439	298377	ACDEL	471498	298430	ACDEL	415036	298488	ACDEL	417357
298323	ACDEL	472070	298378	ACDEL	470390	298431	ACDEL	455037	298489	ACDEL	455194
298324	ACDEL	450269	298379	ACDEL	450621	298432	ACDEL	416891	29849	ACDEL	8370S
298325	ACDEL	450273	29838	ACDEL	410496	298433	ACDEL	415045	298490	ACDEL	472157
298326	ACDEL	474274	298380	ACDEL	481073	298434	ACDEL	415138	298491	ACDEL	415196
298327	ACDEL	450291	298381	ACDEL	471570	298435	ACDEL	415066	298492	ACDEL	455197N
298328	ACDEL	472144	298382	ACDEL	471737	298437	ACDEL	417273	298493	ACDEL	455197N
298329	ACDEL	450301	298383	ACDEL	471984	298438	ACDEL	455070	298494	ACDEL	415196
298330	ACDEL	473461	298383TA	TRSCM	417159	298439	ACDEL	417546	298495	ACDEL	455200
298331	ACDEL	450307	298384	ACDEL	481397	298440	ACDEL	415072	298496	ACDEL	455200N
298332	ACDEL	471391	298385	ACDEL	471466	298441	ACDEL	455073	298497	ACDEL	455203
298333	ACDEL	473242	298386	ACDEL	473203	298442	ACDEL	455075	298498	ACDEL	416137
298334	ACDEL	412040	298387	ACDEL	473474	298443	ACDEL	455079	298499	ACDEL	416154
298335	ACDEL	472029	298388	ACDEL	473517	298444	ACDEL	416239	2985	ACDEL	455280
298336	ACDEL	413478	298389	ACDEL	481792	298445	ACDEL	455086	29850	ACDEL	8635S
298337	ACDEL	470605	29839	ACDEL	417210	298446	ACDEL	415088	298500	ACDEL	416158
298338	ACDEL	450339	298390	ACDEL	471652	298447	ACDEL	455091	298501	ACDEL	417247
298339	ACDEL	450341	298391	ACDEL	470774	298448	ACDEL	455093	298502	ACDEL	415219
29834	ACDEL	350679	298392	ACDEL	472475	298449	ACDEL	416271	298503	ACDEL	417538
298340	ACDEL	450342	298393	ACDEL	471567	29845	ACDEL	7354N	298504	ACDEL	415234
298341	ACDEL	470347	298394	ACDEL	471649	298450	ACDEL	455096	298505	ACDEL	415303
298342	ACDEL	450350	298395	ACDEL	471413	298451	ACDEL	415302	298506	ACDEL	415263
298343	ACDEL	470351	298396	ACDEL	451817	298452	ACDEL	455104	298507	ACDEL	456305
298344	ACDEL	450352	298397	ACDEL	451857	298453	ACDEL	415938	298508	ACDEL	417605
298345	ACDEL	471538	298398	ACDEL	470334	298454	ACDEL	417556	298509	ACDEL	415725
298346	ACDEL	473448	298399	ACDEL	452554N	298455	ACDEL	416666	298510	ACDEL	455272
298347	ACDEL	450361	2984	ACDEL	5865	298456	ACDEL	417562	298511	ACDEL	417254
298348	ACDEL	450389	29840	ACDEL	6863S	298457	ACDEL	416229	298512	ACDEL	455280
298349	ACDEL	473227	29840	C-R	710028	298458	ACDEL	455121	298513	ACDEL	416364
29835	ACDEL	6663S	29840	SKF	710028	298459	ACDEL	417602	298514	ACDEL	455294
298350	ACDEL	471267	298400	ACDEL	417073	298460	ACDEL	415128	298515	ACDEL	415295
298351	ACDEL	471424	298401	ACDEL	455001	298461	ACDEL	417474	298516	ACDEL	417082
298352	ACDEL	473442	298402	ACDEL	455003	298462	ACDEL	455134	298517	ACDEL	417601
298353	ACDEL	450431	298403	ACDEL	455004	298463	ACDEL	418028	298518	ACDEL	476470
298354	ACDEL	472299	298404	ACDEL	455005	298464	ACDEL	415142	298519	ACDEL	455308
298355	ACDEL	450441	298405	ACDEL	455006	298465	ACDEL	455144	29852	ACDEL	8907
298356	ACDEL	450446	298406	ACDEL	415007	298466	ACDEL	417172	298520	ACDEL	455310
298357	ACDEL	471270	298407	ACDEL	455008	298467	ACDEL	415991	298521	ACDEL	415984
298358	ACDEL	473224	298408	ACDEL	455009	298468	ACDEL	455147	298522	ACDEL	417536
298359	ACDEL	472319	298409	ACDEL	455011	298469	ACDEL	417343	298523	ACDEL	455330
29836	ACDEL	6703S	298410	ACDEL	455012	29847	ACDEL	7700S	298524	ACDEL	415284
298360	ACDEL	450461	298411	ACDEL	455013	298470	ACDEL	415150	298526	ACDEL	415379

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
298527	ACDEL	416956	298604	ACDEL	2064	298679	ACDEL	417343	298724	ACDEL	473425
298528	ACDEL	415389	298609	ACDEL	240385	29868	ACDEL	40520S	298725	ACDEL	450430
298529	ACDEL	455479	298610	ACDEL	240470	29868	C-R	3698	298726	ACDEL	450482
29853	ACDEL	9773	298611	ACDEL	413248	29868	C-R	417349V	298727	ACDEL	450516
298530	ACDEL	415937	298615	ACDEL	3136N	29868	SKF	3698	298728	ACDEL	450539
298531	ACDEL	417555	298616	ACDEL	5133	29868	SKF	417349V	298729	ACDEL	450639
298532	ACDEL	415498	298617	ACDEL	471141	298680	ACDEL	415894	298730	ACDEL	450765
298534	ACDEL	415551	29862	ACDEL	40370S	298681	ACDEL	415725	298731	ACDEL	471633
298535	ACDEL	455556	29862	C-R	4307V	298683	ACDEL	240435	298732	ACDEL	450803
298536	ACDEL	455566	29862	C-R	5273	298684	ACDEL	410085	298733	ACDEL	470806
298537	ACDEL	418028	29862	SKF	4307V	298685	ACDEL	415836	298734	ACDEL	450819
298538	ACDEL	455685	29862	SKF	5273	298687	ACDEL	417211	298735	ACDEL	450869
298539	ACDEL	416267	298626	ACDEL	471570	298688	ACDEL	415437	298736	ACDEL	471958
29854	ACDEL	417316	298627	ACDEL	471264	298689	ACDEL	415894	298737	ACDEL	471689
298540	ACDEL	416364	298628	ACDEL	481443	29869	ACDEL	40555S	298738	ACDEL	451469
298541	ACDEL	416071	29863	ACDEL	40382	29869	NEWPR	710692	298739	ACDEL	473016
298542	ACDEL	455995N	29863	C-R	100495	298690	ACDEL	340469	29874	ACDEL	41013S
298543	ACDEL	3016	29863	C-R	476023N	298692	ACDEL	473424	298740	ACDEL	417520
298545	ACDEL	417530	29863	SKF	100495	298693	ACDEL	471750	298741	ACDEL	415047
298546	ACDEL	417191	29863	SKF	476023N	298694	ACDEL	473215	298742	ACDEL	415090
298547	ACDEL	456744N	298632	ACDEL	417608	298695	ACDEL	473464	298743	ACDEL	417602
298548	ACDEL	472439	298636	ACDEL	417316	298696	ACDEL	471192	298744	ACDEL	417604
298549	ACDEL	470625	298637	ACDEL	416865	298697	ACDEL	473466	298746	ACDEL	417354
298550	ACDEL	470163	29864	ACDEL	40395S	298698	ACDEL	470605	298747	ACDEL	415187
298551	ACDEL	471341	298640	ACDEL	40162S	298699	ACDEL	473448	298748	ACDEL	455191
298552	ACDEL	472164	298641	ACDEL	471647	2987	ACDEL	51098	298749	ACDEL	417600
298553	ACDEL	471267	298642	ACDEL	40230S	29870	ACDEL	40568S	29875	ACDEL	45525S
298554	ACDEL	471466	298644	ACDEL	330385	29870	C-R	100495	298750	ACDEL	417278
298555	ACDEL	470954	29865	C-R	100495	29870	C-R	3698	298751	ACDEL	417494
298556	ACDEL	471076	29865	C-R	415281N	29870	NEWPR	710693	298752	ACDEL	417549
298557	ACDEL	471652	29865	C-R	417349 <sup>28</sup>	29870	SKF	100495	298753	ACDEL	415449
298558	ACDEL	471272	29865	SKF	100495	29870	SKF	3698	298754	ACDEL	455499
298559	ACDEL	471571	29865	SKF	415281N	298700	ACDEL	410752	298754	VICK	330385 <sup>28</sup>
298560	ACDEL	471413	29865	SKF	417349	298701	ACDEL	412119	298755	ACDEL	455820
298561	ACDEL	471737	298652	ACDEL	473414	298702	ACDEL	415001	298757	ACDEL	471526
298562	ACDEL	473238	298653	ACDEL	50081	298703	ACDEL	415016N	298758	ACDEL	471554
298563	ACDEL	472397	298654	ACDEL	473471	298704	ACDEL	415023	298759	ACDEL	473213
298564	ACDEL	472324	298655	ACDEL	350156	298705	ACDEL	415098N	29876	ACDEL	45637S
298565	ACDEL	475458	298657	ACDEL	50289	298706	ACDEL	415147N	29876	C-R	1019
298566	ACDEL	471442	298658	ACDEL	50327	298707	ACDEL	417343	29876	SKF	1019
298567	ACDEL	480570	29866	ACDEL	40410S	298709	ACDEL	415379	298760	ACDEL	473215
298568	ACDEL	480821	29866	C-R	417349 <sup>28,29</sup>	29871	C-R	417349 <sup>28</sup>	298762	ACDEL	417355
298569	ACDEL	480844	29866	SKF	417349	29871	SKF	417349	298764	ACDEL	472409
298570	ACDEL	471076	298660	ACDEL	470606	298710	ACDEL	417357	298765	ACDEL	471765
298571	ACDEL	471652	298661	ACDEL	471276	298711	ACDEL	415192N	298-766	ACDEL	473468
298572	ACDEL	473231	298662	ACDEL	412040	298712	ACDEL	417247	298767	ACDEL	471264
298573	ACDEL	470380	298664	ACDEL	457585	298713	ACDEL	415563	298768	ACDEL	471267
298574	ACDEL	472015	298665	ACDEL	417298	298714	ACDEL	415960	298769	ACDEL	473237
298575	ACDEL	482069N	298666	ACDEL	415116	298715	ACDEL	416071	29877	ACDEL	45825S
298576	ACDEL	485195H	298667	ACDEL	455406	298716	ACDEL	416229	29877	C-R	455479V
298577	ACDEL	415196	298668	ACDEL	417498	298717	ACDEL	416891	29877	SKF	455479V
29858	ACDEL	40169S	298669	ACDEL	415227	298718	ACDEL	416921	298770	ACDEL	471649
298581	ACDEL	5M89	29867	ACDEL	40468	298719	ACDEL	417493	298771	ACDEL	471765
298584	ACDEL	5M293	29867	C-R	100495	29872	ACDEL	40652S	298772	ACDEL	471835
298587	ACDEL	5M466	29867	C-R	476023N	29872	C-R	417349 <sup>28</sup>	298773	ACDEL	471869
29859X	MASSE	417191	29867	SKF	100495	29872	SKF	417349	298774	ACDEL	472150
29859X	MASSE	455165 <sup>28</sup>	29867	SKF	476023N	298720	ACDEL	417563	298775	ACDEL	472258
2986	ACDEL	5877	298671	ACDEL	415027	298721	ACDEL	471137	298776	ACDEL	45827S
29860	C-R	710828	298672	ACDEL	55548	298722	ACDEL	473427	298778	ACDEL	476023N
29860	SKF	710828	298675	ACDEL	7208S	298723	ACDEL	473475	298779	ACDEL	476283N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
29878	ACDEL	470004	29890	ACDEL	353132	29925	C-R	415995V	299-46	ACDEL	370349A
298780	ACDEL	417492	29891	ACDEL	450765	29925	SKF	415836N	299-46	ACDEL	380031A
298781	ACDEL	476574N	29891	C-R	455479V	29925	SKF	415995V	299-46	ACDEL	380036A
298782	ACDEL	417316	29891	SKF	455479V	299-26	ACDEL	370028A	299-48	ACDEL	376590A
298783	ACDEL	473473	298914	ACF	450316	299-27	ACDEL	370029A	299-49	ACDEL	370063A
298784	ACDEL	417211	298914	ACF	472636 <sup>28</sup>	2992723	CHRYS	44053	2994984	CHRYS	8460N
298785	ACDEL	471633	29892	ACDEL	350435	299-28	ACDEL	370030A	299-5	ACDEL	370004A
298786	ACDEL	415867	29893	ACDEL	50468	299-29	ACDEL	370031A	299-50	ACDEL	370086A
298787	ACDEL	417608	29895	ACDEL	471344	299-29	ACDEL	380031A	29950	C-R	455995N
298788	ACDEL	473471	29896	ACDEL	471887	2992K	CLARK	450085	29950	SKF	455995N
298789	ACDEL	470328	29897	ACDEL	471276	2992K	CLARK	470530 <sup>28</sup>	299-51	ACDEL	370094A
29879	ACDEL	473415	298970	ACF	417267	299-3	ACDEL	370002A	29951	C-R	415836
298790	ACDEL	455406	29898	ACDEL	470954	299-30	ACDEL	370033A	29951	C-R	455013
298791	ACDEL	411376	29899	ACDEL	480889	299-31	ACDEL	370034A	29951	SKF	415836
298792	ACDEL	415725	29899	C-R	453182	29931	JOHND	470169	29951	SKF	455013
298793	ACDEL	453279	29899	SKF	453182	29931	JOHND	473214	299-52	ACDEL	370121A
298794	ACDEL	470605	29906	C-R	415995 <sup>28</sup>	299-32	ACDEL	370036A	29952	C-R	415836
298795	ACDEL	470074	29906	SKF	415995	299-32	ACDEL	370349A	29952	SKF	415836
298796	ACDEL	473442	29907	C-R	415995 <sup>28</sup>	299-32	ACDEL	380036A	299-53	ACDEL	370124A
298797	ACDEL	451469	29907	SKF	415995	299-33	ACDEL	370037A	299539	BR-ST	471733
298798	ACDEL	417134	299-10	ACDEL	370009A	299-33	ACDEL	370211A	29958	C-R	415995V
298799	ACDEL	417354	299-10	ACDEL	380009A	299-33	ACDEL	370338A	29958	SKF	415995V
2988	ACDEL	5965	299-11	ACDEL	370010A	299-34	ACDEL	370043A	299594	ACF	481644
29880	ACDEL	50197S	299-12	ACDEL	370011A	299-35	ACDEL	370046A	299-6	ACDEL	370005A
298800	ACDEL	417549	29912	C-R	415995V	299-36	ACDEL	370047A	299609	BR-ST	472475
298801	ACDEL	417555	29912	SKF	415995V	299-37	ACDEL	370048A	29961	C-R	710457
298802	ACDEL	470565	299128	FAIRB	450084 <sup>28</sup>	299-37	ACDEL	370182A	29961	SKF	710457
298803	ACDEL	416125	299-13	ACDEL	370012A	299-37	ACDEL	380048A	29967	C-R	415013N
298805	ACDEL	471760	299130	GR-DV	473460	299-38	ACDEL	370054A	29967	SKF	415013N
298806	ACDEL	473424	299130	JA-MI	473460	299-39	ACDEL	370057A	29968	C-R	45013S
298807	ACDEL	471647	299130	JAE	473460	299-4	ACDEL	370003A	29968	SKF	45013S
298808	ACDEL	472951	299-14	ACDEL	370014A	299-4	ACDEL	380003A	299-7	ACDEL	370006A
298809	ACDEL	471567	299-15	ACDEL	370015A	299-40	ACDEL	370065A	299713	BUC-E	455195
298810	ACDEL	415045	29915	ALLCH	417316 <sup>28</sup>	299-40	ACDEL	380065A	299713	BUC-E	472157 <sup>28</sup>
298811	ACDEL	415295	29915	ALLCH	455004	29940	GARLK	411330N	29971-80050	SUZUK	223843
298812	ACDEL	417278	299-16	ACDEL	370018A	29940-0300	GARLK	5121	29971-80050-000	SUZUK	223843
298813	ACDEL	415937	299-17	ACDEL	370019A	29940-0412	GARLK	710005	29971-80051	SUZUK	223843
298814	ACDEL	417355	29917	C-R	100263	29940-0415	GARLK	710005	29971;80051-000	SUZUK	223843
298815	ACDEL	410825	29917	SKF	100263	29940-0445	GARLK	3173	29971-83050	SUZUK	223843
298816	ACDEL	417316	299-18	ACDEL	370020A	29940-0453	GARLK	710046	29971-83050-000	SUZUK	223843
298817	ACDEL	471652	29918	C-R	710676	29940-0458	GARLK	8312	29972-80050	SUZUK	223802
298818	ACDEL	471526	29918	SKF	710676	29940-0503	PREC	710091	299747R91	IH	450084 <sup>28</sup>
298819	ACDEL	471554	299-19	ACDEL	370021A	29940-4177	GARLK	9449	299-8	ACDEL	370007A
29882	ACDEL	6863S	299-2	ACDEL	370001A	29940-4415	GARLK	710005	2998	ALLCH	471689 <sup>28</sup>
298820	ACDEL	473213	299-2	ACDEL	380001A	299404435	GARLK	3946	2998	TRAC	471689 <sup>28</sup>
298821	ACDEL	473242	2992	FAIRB	450085	29940-4445	GARLK	3173	29980-4465	GARLK	3459
298822	ACDEL	417210	2992	FAIRB	470530 <sup>28</sup>	29940-4453	GARLK	710046	299808038	GARLK	450400
298823	ACDEL	40395	2992	GR-DV	450085	29940-8055	GARLK	411330N	299808062	GARLK	415284
298824	ACDEL	416865	2992	GR-DV	470530 <sup>28</sup>	29940-8056	GARLK	477069	29987	C-R	3698
298825	ACDEL	415227	299-20	ACDEL	370022A	299-41	ACDEL	370066A	29987	SKF	3698
29883	ACDEL	481163	299-20	ACDEL	380022A	299-42	ACDEL	370069A	299-9	ACDEL	370008A
29884	ACDEL	470328	299-21	ACDEL	370023A	299-42	ACDEL	380065A	29990-0480	GARLK	710162
29885	ACDEL	350364	299-21	ACDEL	380023A	299-42	ACDEL	380069A	299978	ACF	340151
29887	C-R	417350 <sup>28</sup>	299-22	ACDEL	370024A	299-43	ACDEL	370106A	29B7159	FORD	472015 <sup>28</sup>
29887	SKF	417350	299-23	ACDEL	370025A	299-44	ACDEL	370107A	29QJ-2931J	MACK	370021A
29888	ACDEL	50395S	299-23	ACDEL	380025A	299-45	ACDEL	370036A	29X49219	GWJ	471141 <sup>28</sup>
29889	ACDEL	470409	299-23	ACDEL	386025A	299-45	ACDEL	370037A	29X50096V	GWJ	471466 <sup>28</sup>
298897	ACF	470064	299-24	ACDEL	370026A	299-45	ACDEL	370338A	29X60497	GWJ	50468
298897	ACF	471821 <sup>28</sup>	299-25	ACDEL	370027A	299-46	ACDEL	370031A	29X60725V	GWJ	472439
2989	ACDEL	415437	29925	C-R	415836N	299-46	ACDEL	370036A	29X60725V	KEN	472439

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
29X60777	ALLCH	450094	2C2Z-1175-AB	FORD	710640	2H1746	CATER	40140S	2-JG10	KEN	410102
29X60777	ALLCH	473462	2C34-3254CA	FORD	710493	2H2212	CATER	330385 <sup>28</sup>	2JG12	KEN	470059
29X60777	GW	450094	2C34-3N267AA	FORD	710492	2H3823	CATER	450094	2JG12	KEN	470380 <sup>28</sup>
29X60777	GW	473462	2C3W1177AA	FORD	370247A	2H3823	CATER	473462	2-JG13	KEN	470358
29X60777	IH	450094	2C3Z1177AA	FORD	370247A	2H3823	TRACN	450094	2-JG13	KEN	473231
29X60777	IH	473462	2C3Z1177AB	FORD	370247A	2H3823	TRACN	473462	2-JG15	KEN	410496 <sup>28</sup>
29X60777	MACK	450094	2C3Z-1S177AA	FORD	370247A	2H3824	CATER	415001 <sup>28</sup>	2-JG16	KEN	370036A
29X60777	MACK	473462	2C3Z-3254AA	FORD	710492	2H3824	CATER	455001	2-JG17	KEN	415137 <sup>28</sup>
29X60981	GW	417486	2C67	WHITE	471466 <sup>28</sup>	2H3830	CATER	450291	2-JG17	KEN	418028
2A134	CATER	415066	2C67P	NATSU	471466 <sup>28</sup>	2H3830	CATER	471141 <sup>28</sup>	2-JG2	KEN	5401
2A1614	CATER	416738 <sup>28</sup>	2D0-498-625	VW	710467	2H3830	TRACN	450291	2-JG21	KEN	410101N
2A1614	CATER	450096	2D0-501-317A	AUDI	710468	2H3830	TRACN	471141 <sup>28</sup>	2-JG22	KEN	410085
2A1983	CATER	415458 <sup>28</sup>	2D0-501-317A	VW	710468	2H3843	CATER	470898	2-JG22	KEN	470530 <sup>28</sup>
2A1983	CATER	455003	2D1157	CATER	415137 <sup>28</sup>	2H3843	TRACN	450365	2-JG23	KEN	410183N
2A3688	CATER	450095	2D1157	CATER	418028	2H3843	TRACN	470898 <sup>28</sup>	2-JG24	KEN	6270
2A3688	CATER	473464 <sup>28</sup>	2D1521	CATER	471571	2H3844	CATER	473227	2-JG27	KEN	6635S
2A3688	WESTR	450095	2D17341	GMC	50327	2H3846	CATER	455195	2-JG28	KEN	415138 <sup>28</sup>
2A3688	WESTR	473464 <sup>28</sup>	2D186	WHITE	450076	2H3846	CATER	472157 <sup>28</sup>	2-JG3	KEN	5403
2A4262	CATER	470077	2D186	WHITE	470334 <sup>28</sup>	2H3846	TRACN	455195	2-JG30	KEN	417262 <sup>28</sup>
2A4262	CATER	474281 <sup>28</sup>	2D191	WHITE	417073	2H3846	TRACN	472157 <sup>28</sup>	2-JG30	KEN	455448
2A4547	CATER	450535	2D2930	CATER	473210	2H3847	CATER	413247 <sup>28</sup>	2-JG31	KEN	6872S
2A4547	CATER	471264 <sup>28</sup>	2D300	WHITE	413469 <sup>28</sup>	2H3847	CATER	450350	2-JG33	KEN	415281N
2A4575	CATER	473446	2D5652	CATER	472397 <sup>28</sup>	2H3847	TRACN	413247 <sup>28</sup>	2-JG34	KEN	35949N
2A5113	CATER	471570 <sup>28</sup>	2D599	CATER	471688	2H3847	TRACN	450350	2-JG37	KEN	450316
2A5215	CATER	473225 <sup>28</sup>	2D61	WHITE	473458	2H3848	CATER	415234 <sup>28</sup>	2-JG37	KEN	472636 <sup>28</sup>
2A5285	CATER	471530	2D639	WHITE	413469 <sup>28</sup>	2H3848	TRACN	415234 <sup>28</sup>	2-JG38	KEN	476283N
2-A6475	BENDI	417316 <sup>28</sup>	2D640	WHITE	450094	2H3849	CATER	415379 <sup>28</sup>	2JG39	KEN	475012N
2A6475	MERIX	417316 <sup>28</sup>	2D640	WHITE	473462	2H3849	CATER	455379	2JG41	KEN	417484N
2A6475	ROCKW	417316 <sup>28</sup>	2D757	WHITE	450094	2H3850	CATER	410312N	2JG41	KEN	475322N
2B1869	CATER	470950 <sup>28</sup>	2D757	WHITE	473462	2H3851	CATER	417191	2-JG7	KEN	5408
2B2589	CATER	417073	2D8540	CATER	415035 <sup>28</sup>	2H3851	CATER	455165 <sup>28</sup>	2K1382	CATER	456890
2B3544	CATER	416738 <sup>28</sup>	2D8540	CATER	415953	2H3853	CATER	455290	2K1382	TRACN	456890
2B3544	CATER	450096	2D9870	CATER	471733	2H3910	CATER	473448	2K1383	CATER	417254
2B3883	CATER	415263	2E392520227	IH	471567 <sup>28</sup>	2H3910	TRACN	473448	2K1383	TRACN	417254
2B40	WHITE	415458 <sup>28</sup>	2E3925207	IH	416654 <sup>28</sup>	2H3911	CATER	418028	2K1384	TRACN	416865 <sup>28</sup>
2B40	WHITE	455003	2E3925207	IH	455012	2H3911	CATER	455137 <sup>28</sup>	2K3881	CATER	470567
2B50	CATER	471570 <sup>28</sup>	2EP40M317343	CINMI	410496 <sup>28</sup>	2H3912	CATER	471391 <sup>28</sup>	2K3881	CATER	471267 <sup>28</sup>
2B6005	CATER	415995 <sup>28</sup>	2F1P-1177AB	FORD	3622	2H3912	TRACN	471391 <sup>28</sup>	2K4816	CATER	471529
2B6005	CATER	455013	2F1P-7F401-AA	FORD	4189H	2H3913	CATER	417073	2K6983	CATER	450307
2B6005	WESTR	415995 <sup>28</sup>	2F1Z-1177AA	FORD	3622	2H3915	CATER	323138 <sup>28</sup>	2K8047	CATER	416921 <sup>28</sup>
2B6005	WESTR	455013	2F1Z-1177AB	FORD	3622	2H3917	CATER	40140S	2K8047	CATER	455011
2B6040	CATER	470045	2F1Z-7F401-AA	FORD	4189H	2H3918	CATER	410825	2K9059	CATER	416476 <sup>28</sup>
2B6040	CATER	476838 <sup>28</sup>	2F3723	CATER	471103 <sup>28</sup>	2H3919	CATER	410520	2K9059	CATER	455075
2B6040	WESTR	470045	2F3723	CATER	50197S	2H3919	CATER	471272 <sup>28</sup>	2K9150	CATER	417316
2B6040	WESTR	476838 <sup>28</sup>	2F5885	CATER	415085 <sup>28</sup>	2H4403	LEYLD	471689 <sup>28</sup>	2L1016	HU-WR	417546 <sup>28</sup>
2B6083	STERL	415023	2F5885	CATER	456648	2H4659	LEYLD	416664 <sup>28</sup>	2L1047	HU-WR	417357
2B6209	STERL	412119 <sup>28</sup>	2F6678	CATER	471231 <sup>28</sup>	2H5021	CATER	471689 <sup>28</sup>	2L1047	HU-WR	455192 <sup>28</sup>
2B6209	STERL	450101	2F6781	CATER	350435	2H6250	CATER	450084 <sup>28</sup>	2L1392	HU-WR	417357
2B6514	STERL	475012N	2F6782	CATER	472705 <sup>28</sup>	2H9298	CATER	472354 <sup>28</sup>	2L14-7B215AA	FORD	4503N
2B6689	STERL	470358	2F687	MTR-C	J1128	2H9298	CATER	50395S	2L14-7B215-CA	FORD	4503N
2B6689	STERL	473231	2F7426	CATER	471281 <sup>28</sup>	2J1307	CATER	416364 <sup>28</sup>	2L1W-3B112-AA	FORD	710754
2B6776	STERL	475012N	2F8200	CATER	472185 <sup>28</sup>	2J1746	CATER	40140S	2L1W-3N134AA	FORD	3604
2B6780	STERL	475012N	2F9560	MURRA	415991	2-J227	NOVO	450043	2L1Z-3C084-AA	FORD	710754
2B8836	CATER	455018	2F9560	MURRA	455146 <sup>28</sup>	2-J227	NOVO	473419	2L1Z-3N134AA	FORD	3604
2B8836	CATER	476470	2F9560	NATEN	415991	2J2631	CATER	417546 <sup>28</sup>	2L1Z-7B215-A	FORD	4503N
2BL-01268	WHITE	45637S	2F9560	NATEN	455146 <sup>28</sup>	2J7426	CATER	415295	2L8635	CATER	471281 <sup>28</sup>
2C108	NOVO	472826 <sup>28</sup>	2F9760	CATER	471762 <sup>28</sup>	2J8333	CATER	471224 <sup>28</sup>	2LA-0662	WHITE	470027
2-C211	HWY	417556	2FB138	WHITE	411500	2J8952	CATER	417596	2LA-0662	WHITE	471554 <sup>28</sup>
2C24-1190-AA	FORD	710640	2FT90	OSHKO	415991	2J9472	CATER	240816	2LG6700	FORD	350936
2C2Z-1175-AA	FORD	710640	2H1663	CATER	471785 <sup>28</sup>	2JA5	STERL	412943	2M482	FMC	415449 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
2M5965	CATER	416624N	30000	C-R	417351 <sup>2B</sup>	30021608	TROS	471272 <sup>2B</sup>	3004307	HYST	471765 <sup>2B</sup>
2M5Q-6L270-AA	FORD	713087	30000	SKF	417351	30022004	TROS	442874	3004316	CUMMI	39302
2M5V-3K169-AA	FORD	474288	300004	CURTS	471224 <sup>2B</sup>	30022106.5	TROS	3945	3004316	CUSH	39302
2M5V-3K169-BA	FORD	224045	300007	H-S	450593 <sup>2B</sup>	300221X06.5	TROS	3945	3004317	CUMMI	39813
2M5Z-1177-AA	FORD	474288	300064	CATER	J1141	300221X06.5C	TROS	3945	300437	UNIVE	417488 <sup>2B</sup>
2M5Z-1177-BA	FORD	224045	300064	TMTR	J1141	300228	CURTS	471958	300438	MICH	417488 <sup>2B</sup>
2M7316	CATER	471466V	300066	CATER	473232 <sup>2B</sup>	300230	GR-DV	416654 <sup>2B</sup>	3004548	HYST	J1141
2M7316	FI-AL	471466V	300066	TMTR	473232 <sup>2B</sup>	300230	GR-DV	455012	300-463-1	SPICE	711552
2M8216	CATER	470077	300067	CATER	473224 <sup>2B</sup>	30023204	TROS	40555	3004726	HYST	416557
2M8216	CATER	474281 <sup>2B</sup>	30006767	GMC	1188	30023204	TROS	40555S <sup>2B</sup>	3004731	HYST	415458 <sup>2B</sup>
2M8675	CATER	470219	30007	C-R	100495	30023667	GMC	710522	3004731	HYST	475458
2M8675	CATER	471649 <sup>2B</sup>	30007	SKF	100495	30024	CABOT	472015 <sup>2B</sup>	3004786	HYST	470543
2N4251	FORD	417316 <sup>2B</sup>	3000770	HYST	473237 <sup>2B</sup>	30024	GEHL	472015 <sup>2B</sup>	3004786	HYST	474272
2N4251X	FORD	417316 <sup>2B</sup>	300078	O-M	481443 <sup>2B</sup>	3002400	CALI	415234 <sup>2B</sup>	3004787	HYST	415389
2P3858	CATER	J1825	300079	CURTS	472179	3-002403	CALI	415234 <sup>2B</sup>	3004790	HYST	471272 <sup>2B</sup>
2P3859	CATER	J1780	30008	C-R	100495	300244	C-W	412861	30049	C-R	417487 <sup>29</sup>
2P8423	CATER	471138 <sup>2B</sup>	30008	SKF	100495	300244	CURTS	412861	30049	C-R	455086
2PS396	C-P	450117	30008139	ALLCH	45013S	30024B63	CABOT	472015 <sup>2B</sup>	30049	SKF	417487
2PS396	C-P	472572 <sup>2B</sup>	300087	CURTS	472258 <sup>2B</sup>	30026	C-R	100495	30049	SKF	455086
2QA6700	FORD	350936	30009	C-R	100263	30026	SKF	100495	300491	CURTS	471760
2R0299	CATER	415379	30009	SKF	100263	300269	CURTS	455019 <sup>2B</sup>	3004985	HYST	472157
2R2677	CATER	472185 <sup>2B</sup>	3000975	CUMMI	39719	30027	MALL	340120	300499	UNIVE	455019 <sup>2B</sup>
2R299	CATER	415379	3000976	CUMMI	50569	300285	CURTS	473228 <sup>2B</sup>	300500	MICH	455019 <sup>2B</sup>
2R312	MOHWK	3591	3000977	CUMMI	39705	300319	CURTS	471744 <sup>2B</sup>	3005041	GWJ	412871 <sup>2B</sup>
2R759	CATER	470895	300111	C-W	471612	3003272	HYST	442507	3005041	GWJ	450329
2R8Z-4B416-AA	FORD	710895	300111	CURTS	471612	30033	C-R	455086	30055	C-R	415086N
2S1076	CATER	450316	3001138	CUMMI	39701	30033	SKF	455086	30055	C-R	417487 <sup>2B</sup>
2S1076	CATER	472636 <sup>2B</sup>	300130	GR-DV	472394	3003353	CUMMI	39713	3-0055	SKF	415086N
2S2077	CATER	471195 <sup>2B</sup>	30013272	GMC	710394	3003353	HYST	40566S	3-0055	SKF	417487
2S2077	CATER	481195	300137	CURTS	472397 <sup>2B</sup>	300343	CURTS	472658	3005592	HYST	227550
2S2376	CATER	470351	30014404	TROS	471981	300343	CURTS	473197	30057	C-R	415086N
2S2376	CATER	471504 <sup>2B</sup>	300145	CURTS	470806	3003572	HYST	40433S	30057	SKF	415086N
2S2680	CATER	415013	30015206	TROS	7044NA	3003862	HYST	493524	3005885	CUMMI	39715
2S2680	CATER	415995 <sup>2B</sup>	30015608	TROS	450298	300387	UNIVE	417350 <sup>2B</sup>	3005OS	JN-MN	416921 <sup>2B</sup>
2S6Q-6701-AA	FORD	710849	30015608	TROS	473239	300387	UNIVE	455479	3005OS	JN-MN	455011
2S-94-B1566	BORGW	351267	300160	CURTS	471224 <sup>2B</sup>	3003877	CUMMI	39705	30060	C-R	415962 <sup>29</sup>
2S-94-B1566	BORGW	471267 <sup>2B</sup>	30016005	TROS	472394	3003878	CUMMI	39701	30060	GARLK	471442 <sup>2B</sup>
2SB155	WHITE	450067	30016008	TROS	472394	300388	MICH	417350 <sup>2B</sup>	30060	SKF	415962
2SB155	WHITE	473228	30016010	TROS	472394	300388	MICH	455479	30061	ALLCH	417171 <sup>2B</sup>
2SB415	WHITE	415001 <sup>2B</sup>	3001772	CUMMI	39823	3004	LABEQ	350823	3006236	CUMMI	99437
2SB415	WHITE	455001	300178	CURTS	473214 <sup>2B</sup>	3004	LABEQ	473454	3006237	CUMMI	99601
2SD46	WHITE	481864	30018130	GMC	710394	300400	CURTS	471424 <sup>2B</sup>	3006557	CUMMI	99210
2SD62	WHITE	450083	300186	CURTS	470625 <sup>2B</sup>	300400	MICH	415995 <sup>2B</sup>	3006642	GWJ	450291
2SD62	WHITE	472924 <sup>2B</sup>	300194	CURTS	471413 <sup>2B</sup>	300400	MICH	455013	3006642	GWJ	471141 <sup>2B</sup>
2-SPC22	NOVO	471763	3002	ALLCH	450301	300400	UNIVE	415995 <sup>2B</sup>	3006736	CUMMI	39813
2SPC22A	NOVO	471689 <sup>2B</sup>	3002	ALLCH	472397 <sup>2B</sup>	300400	UNIVE	455013	3006737	CUMMI	39807
2T0340	JN SON	J1105	3002	BUC-E	450301	300412	UNIVE	417351 <sup>2B</sup>	3006738	CUMMI	39823
2T340	CATER	J1105	3002	BUC-E	472397 <sup>2B</sup>	300412	UNIVE	455154	3006739	CUMMI	39723
2UU0621	WHITE	471689 <sup>2B</sup>	3002	CABOT	450301	300413	MICH	417351 <sup>2B</sup>	3006740	CUMMI	99399
2UU-069	WHITE	6460S	3002	CABOT	472397 <sup>2B</sup>	300413	MICH	455154	3006741	CUMMI	99475
2UU-0962	WHITE	6460S	30020004	TROS	472397 <sup>2B</sup>	300424	UNIVE	417487	3006742	CUMMI	99362
2UUA-0962	WHITE	471192	30020006	TROS	472397 <sup>2B</sup>	300424	UNIVE	455014	3006743	CUMMI	99599
2UV0662	WHITE	471689 <sup>2B</sup>	30020008	TROS	450301	300425	MICH	417487	3006744	CUMMI	99372
2UV-0962	WHITE	6460S	30020008	TROS	472397 <sup>2B</sup>	300425	MICH	455014	30070	C-R	417488 <sup>2B</sup>
2W1733	CATER	39887	30020405	TROS	6954S	3004256	HYST	413247 <sup>2B</sup>	30070	SKF	417488
2W1734	CATER	39888	30020805C	TROS	8430S	3004256	HYST	450350	30071021	ALLCH	415147
2XE446	PARGN	471570 <sup>2B</sup>	30020808	TROS	472015 <sup>2B</sup>	3004302	HYST	470347	30071021	ALLCH	415449 <sup>2B</sup>
2XE446A	PARGN	472924 <sup>2B</sup>	30020936	GMC	710522	3004302	HYST	474254	30071609	ALLCH	450083
300	UNIVE	417487	30021607	TROS	471272 <sup>2B</sup>	3004303	HYST	473439	30071609	ALLCH	472924 <sup>2B</sup>
300	UNIVE	455014	30021608	TROS	410520	3004306	HYST	40438S	30072	GARLK	471526 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
30073886	ALLCH	473460	301032R91	IH	455364	301532R1	IH	450494	301SC175	CLARK	455027
3007466	GW	473215 <sup>28</sup>	3010457	CUMMI	39809	301532R1	IH	472164 <sup>28</sup>	301SC262	B-L-H	415867
3007497	ALLCH	415498	3010459	CUMMI	39837	301532R91	IH	450494	301SC347	B-L-H	470163
30074975	ALLCH	415498	3010464	CUMMI	99311	301532R91	IH	472164 <sup>28</sup>	301SC347	B-L-H	471766 <sup>28</sup>
3007498	ALLCH	450143	3010465	CUMMI	99367	301569C91	IH	35949N	301SC477	B-L-H	415023
30077	GW	450065	30108	C-R	200133	3016	TIMKE	3016	301SC485	B-L-H	340787
3007723	ALLCH	450313	30108	SKF	200133	30162	MICH	471647	301SC485	CLARK	340787
30081	GARLK	471472 <sup>28</sup>	3010945	CUMMI	314259 <sup>28</sup>	30162	UNIVE	471647	301SC522	B-L-H	415187
300845C91	IH	3894V	30112	C-R	55548	3016788	CUMMI	39853	301SC541	B-L-H	416288 <sup>28</sup>
300845C91	NAVST	5064	30112	SKF	55548	3016789	CUMMI	39851	301SC983	CLARK	415725 <sup>28</sup>
3008506LPD	JN-MN	417488 <sup>28</sup>	301177C91	IH	417484N	3016792	CUMMI	39849	301SD162	B-L-H	455576 <sup>28</sup>
30087	C-R	415088 <sup>28</sup>	301177C91	IH	475322N	3016793	CUMMI	39701	301SD162	CLARK	455576 <sup>28</sup>
30087	C-R	455088	301181	HYST	470954 <sup>28</sup>	3016794	CUMMI	39711	301SD175	B-L-H	416345 <sup>28</sup>
30087	SKF	415088	301181	HYST	480954	30170344	ALLCH	415991	301SD175	B-L-H	455033
30087	SKF	455088	30121	GEM	480210 <sup>28</sup>	30170344	ALLCH	455146 <sup>28</sup>	301SD175	CLARK	416345 <sup>28</sup>
300916	WHITE	450316	301210	CLARK	417267	30175	MICH	472951	301SD175	CLARK	455033
300916	WHITE	472636 <sup>28</sup>	301211	CLARK	45827S	30175	MICH	474252	301SD262	B-L-H	415938
30095	C-R	415088 <sup>29</sup>	301234C	OLIVE	470120	30175	UNIVE	472951	301SD347	B-L-H	416339
30095	SKF	415088	301234C	OLIVE	471224 <sup>28</sup>	30175	UNIVE	474252	301SD347	B-L-H	455031 <sup>28</sup>
3009625	CUMMI	712027	301234E	MINNM	471224 <sup>28</sup>	30182	UNIVE	450039	301SD477	B-L-H	471646 <sup>28</sup>
30098	C-R	455088V	301234E	OLIVE	470120	30183	MICH	450339	301SD485	B-L-H	340356
30098	SKF	455088V	301234E	OLIVE	471224 <sup>28</sup>	30184345	ALLCH	415379 <sup>28</sup>	301SD485	CLARK	340356
300A15604	TROS	450084 <sup>28</sup>	30125	C-R	455019 <sup>28</sup>	30184345	ALLCH	455379	301SE175	B-L-H	415116
300A15607.75	TROS	450084 <sup>28</sup>	30125	SKF	455019	3018584	B-L-H	415551	301SE262	B-L-H	415551
300A15608	TROS	450084 <sup>28</sup>	301257	CLARK	418029 <sup>28</sup>	301.870	ELRNG	229005	301SE347	B-L-H	417556
300A15610	TROS	450084 <sup>28</sup>	301257	CLARK	455499	301923R91	IH	415991 <sup>28</sup>	301SE347	CLARK	417556
300A15610.5	TROS	450084 <sup>28</sup>	3012898	GW	416476 <sup>28</sup>	301923R91	IH	415991N	301SE477	B-L-H	55030
300A16008	TROS	473460	301317	WHITE	418028	3019600	CUMMI	39867	301SE522	B-L-H	450070
300A20006	TROS	470530 <sup>28</sup>	301317	WHITE	455137 <sup>28</sup>	30199	WAYNE	470409 <sup>28</sup>	301SE522	B-L-H	472185 <sup>28</sup>
300A20008	TROS	450085	30131718	ALLCH	415960	301991	O-M	340787	301SF175	B-L-H	417020
300A20008	TROS	470530 <sup>28</sup>	301331R91	IH	352541	301SA162	B-L-H	415116	301SF262	B-L-H	415072
300A20010.5	TROS	410085	301332R91	IH	352541	301SA175	B-L-H	417562	301SF347	B-L-H	470605 <sup>28</sup>
300A20010.5	TROS	470530 <sup>28</sup>	301333R91	IH	352541	301SA175	CLARK	417562	301SF347	CLARK	470605 <sup>28</sup>
300A20012	TROS	410085	301334R91	IH	450183	301SA262	B-L-H	416865 <sup>28</sup>	301SF477	B-L-H	455462
300A20012	TROS	470530 <sup>28</sup>	301334R91	IH	472179	301SA262	B-L-H	455070	301SF522	B-L-H	415482
300A20808	TROS	450115	301335R91	IH	470712 <sup>28</sup>	301SA347	B-L-H	417210 <sup>28</sup>	301SF541	B-L-H	415991 <sup>28</sup>
300A20808	TROS	473467	301351	CLARK	473227	301SA485	B-L-H	340413	301SF541	B-L-H	415991N
300A20812	TROS	8650S	301352	CLARK	470219	301SA521	B-L-H	415013	301SF650	B-L-H	416892 <sup>28</sup>
300A21208	TROS	472234	301352	CLARK	471649 <sup>28</sup>	301SA521	B-L-H	415995 <sup>28</sup>	301SH175	B-L-H	415001 <sup>28</sup>
300A21607	TROS	471341 <sup>28</sup>	30138	NEWPR	710495	301SA522	B-L-H	416239 <sup>28</sup>	301SH175	B-L-H	455001
300A21608	TROS	450441	30140	C-R	712000	301SA522	CLARK	416239 <sup>28</sup>	301SH347	B-L-H	415007
300A21608	TROS	471341 <sup>28</sup>	30140	SKF	712000	301SA650	B-L-H	455019 <sup>28</sup>	301SH347	CLARK	415007
300A21612	TROS	471341 <sup>28</sup>	3-014300	CALI	470354	301-SA799	B-L-H	455008	301SH477	B-L-H	415036
300C14708	TROS	6818	3014302	CALI	470354	301SA822	B-L-H	J1136	301SH522	CLARK	455330 <sup>28</sup>
300RC	SUL	416107 <sup>28</sup>	30143796	ALLCH	476283N	301SB162	B-L-H	417602 <sup>28</sup>	301SH650	B-L-H	417543
300RC	SUL	455073	30144	C-R	3592	301SB175	B-L-H	416891 <sup>28</sup>	301SJ175	B-L-H	455195
301	NOK	370036A	30144	SKF	3592	301SB175	CLARK	416891 <sup>28</sup>	301SJ175	B-L-H	472157 <sup>28</sup>
30100	C-R	455088V	30144349	ALLCH	415725 <sup>28</sup>	301SB262	B-L-H	455018	301SJ175	CLARK	455195
30100	SKF	455088V	30145	C-R	100263	301SB262	B-L-H	476470	301SJ175	CLARK	472157 <sup>28</sup>
301013	CATER	472164 <sup>28</sup>	30145	C-R	3905	301SB347	B-L-H	417567	301SJ262	B-L-H	415645 <sup>28</sup>
301013	TMTR	472164 <sup>28</sup>	30145	SKF	100263	301SB347	CLARK	417567	301SJ262	B-L-H	455104
301014R91	IH	470506 <sup>28</sup>	30145	SKF	3905	301SB477	B-L-H	450083	301SJ347	B-L-H	416077
30101695	ALLCH	416556 <sup>28</sup>	3014546A	HR-DV	471554 <sup>28</sup>	301SB477	B-L-H	472924 <sup>28</sup>	301SJ347	CLARK	416077
30101695	ALLCH	472157	30147	C-R	710008	301SB485	B-L-H	340927	301SJ477	B-L-H	471647
301017	CATER	J1130	30147	SKF	710008	301SB485	CLARK	340927	301SJ650	B-L-H	417606
301017	TMTR	J1130	301487	O-M	471264 <sup>28</sup>	301SC162	B-L-H	417158 <sup>28</sup>	301SK175	B-L-H	416364 <sup>28</sup>
30102	JOHND	472354 <sup>28</sup>	301495	AMC	240009	301SC162	B-L-H	455355	301SK175	CLARK	416364 <sup>28</sup>
30102	JOHND	50395S	30150	MICH	471571	301SC175	B-L-H	415027 <sup>28</sup>	301SK262	B-L-H	455584
301028R91	IH	416404 <sup>28</sup>	30153	C-R	100263	301SC175	B-L-H	455027	301SK347	B-L-H	415991
301032R91	IH	416664 <sup>28</sup>	30153	SKF	100263	301SC175	CLARK	415027 <sup>28</sup>	301SK347	B-L-H	455146 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
301SK347	CLARK	415991	301SS347	B-L-H	416892 <sup>2B</sup>	30247290	ALLCH	455330 <sup>2B</sup>	3031T	CASE	473010
301SK347	CLARK	455146 <sup>2B</sup>	301SS477	B-L-H	415449 <sup>2B</sup>	302495	O-M	471264 <sup>2B</sup>	3031T	DURA	450154
301SK477	B-L-H	417512	301SS477	B-L-H	455147	3024OS	JN-MN	471763 <sup>29</sup>	3031T	DURA	473234
301SK522	B-L-H	417601	301SS522	B-L-H	415077	302500	MICH	455020	3031W	CASE	472185 <sup>2B</sup>
301SK522	CLARK	417601	301ST175	B-L-H	415379 <sup>2B</sup>	302564	O-M	481443 <sup>2B</sup>	3031W	DURA	40071S
301SK650	B-L-H	416476 <sup>2B</sup>	301ST175	B-L-H	455379	302587	STUDE	410190	3031WA	OSHKO	475009N
301SK650	B-L-H	455075	301ST262	B-L-H	417273	3025OS	JN-MN	470163	3031Z	DURA	473016 <sup>2B</sup>
301SK650	CLARK	416476 <sup>2B</sup>	301ST347	B-L-H	450082	3025OS	JN-MN	471766 <sup>2B</sup>	303223795	WHITE	472636 <sup>2B</sup>
301SK650	CLARK	455075	301ST347	B-L-H	473238	3026	CLIN	340483	303228738	WHITE	415960
301SL162	B-L-H	417600	301ST477	B-L-H	417538	302640	CLARK	411376 <sup>2B</sup>	303228746	WHITE	471138 <sup>2B</sup>
301SL175	B-L-H	416229	301ST477	CLARK	417538	3026OS	JN-MN	473212 <sup>2B</sup>	303239	CONTI	470548
301SL175	CLARK	416229	301SU162	B-L-H	416666	3027675	CUMMI	39877	303239	CONTI	470625 <sup>2B</sup>
301SL262	B-L-H	416125 <sup>2B</sup>	301SU175	B-L-H	415960 <sup>2B</sup>	30277	SPICE	6808N	303251	REX	417210 <sup>2B</sup>
301SL262	CLARK	416125 <sup>2B</sup>	301SU175	B-L-H	455009	3027OS	JN-MN	450194	303262	REX	473237 <sup>2B</sup>
301SL347	B-L-H	473460	301SU262	B-L-H	450441	3027OS	JN-MN	473010	303283844	WHITE	471224 <sup>2B</sup>
301SL477	B-L-H	40140S	301SU262	B-L-H	471341 <sup>2B</sup>	3028	NATL	6712NA	303291278	WHITE	712250
301SL522	B-L-H	417549 <sup>2B</sup>	301SU477	B-L-H	55419	302825E	OLIVE	471554 <sup>2B</sup>	3032SR	OSHKO	473215 <sup>2B</sup>
301SM175	B-L-H	415124	301SU522	B-L-H	417298	30283	PEERC	473016 <sup>2B</sup>	303331849	WHITE	471272V
301SM175	CLARK	415124	301SU650	B-L-H	450078	302837	PEERC	450183	303341186	WHITE	415085 <sup>2B</sup>
301SM262	B-L-H	412473 <sup>2B</sup>	301SU650	B-L-H	473444	302837	PEERC	472179	303349691	WHITE	415559
301SM262	B-L-H	415894	302	NOK	370065A	3028697	ALLCH	470308N	303353C91	IH	473243
301SM347	B-L-H	417596	302	UNIVE	417171 <sup>2B</sup>	30286975	ALLCH	470308N	303359425	WHITE	417509
301SM477	B-L-H	471424 <sup>2B</sup>	302002426	WHITE	472164 <sup>2B</sup>	30287403	ALLCH	471224 <sup>2B</sup>	30338461	ALLCH	471442 <sup>2B</sup>
301SM522	CLARK	417605	302002442	WHITE	473237 <sup>2B</sup>	3028OS	JN-MN	450078	30341	CHERY	415001 <sup>2B</sup>
301SM650	B-L-H	417196 <sup>2B</sup>	302002698	WHITE	472164 <sup>2B</sup>	3028OS	JN-MN	473444	30341	CHERY	455001
301SN175	B-L-H	450067	30201	GARLK	471466 <sup>2B</sup>	302950	CROSL	471747 <sup>2B</sup>	30346	CHERY	471785 <sup>2B</sup>
301SN175	B-L-H	473228	302012	CLARK	471442 <sup>2B</sup>	302950	CROSL	472674	30348	SPICE	40316S
301SN262	B-L-H	412119 <sup>2B</sup>	3020182	CUMMI	39705	302957	GW	323138 <sup>2B</sup>	30348536	ALLCH	471224 <sup>2B</sup>
301SN262	B-L-H	450101	3020183	CUMMI	39703	3029OS	JN-MN	450117	30348833	ALLCH	410085N
301SN477	B-L-H	457585	3020184	CUMMI	39723	3029OS	JN-MN	472572 <sup>2B</sup>	30349583	ALLCH	415984 <sup>2B</sup>
301SN522	CLARK	417191	3020186	CATER	39703	303	NOK	370025A	30349591	ALLCH	410101N
301SO522	B-L-H	415187	3020187	CUMMI	39719	303026477	WHITE	416229	30349591	ALLCH	412119 <sup>2B</sup>
301SP175	B-L-H	416888 <sup>2B</sup>	3020188	CUMMI	50569	303067785	WHITE	416404 <sup>2B</sup>	3036	C-R	8X14X4 <sup>2B</sup>
301SP175	B-L-H	455200	3020190	CUMMI	50568	303076520	WHITE	472179	3036	SKF	8K14X4
301SP175	CLARK	416888 <sup>2B</sup>	3020191	CUMMI	39723	303078124	WHITE	472439	30360	C-R	355669
301SP175	CLARK	455200	3020546	CUMMI	39809	30308	NATL	470308N	30360	CHERY	471750 <sup>2B</sup>
301SP262	B-L-H	415196 <sup>2B</sup>	30208	CHERY	471765 <sup>2B</sup>	3030OS	JN-MN	473236 <sup>2B</sup>	30360	SKF	355669
301SP262	CLARK	415196 <sup>2B</sup>	302088	CLARK	40140S	303104478	WHITE	417357	303600686	REX	473179 <sup>2B</sup>
301SP347	B-L-H	472144 <sup>2B</sup>	30210538	ALLCH	471224 <sup>2B</sup>	3031124	GMC	710891	30370	C-R	710363
301SP347	CLARK	472144 <sup>2B</sup>	30213	GARLK	471264 <sup>2B</sup>	303113221	WHITE	240733	30370	C-R	710881
301SP650	CLARK	415991	3022	PEERC	472705 <sup>2B</sup>	303119351	WHITE	471652V	30370	SKF	710363
301SP650	CLARK	455146 <sup>2B</sup>	3022043	ALLCH	475009N	303131173	WHITE	471272N	30370	SKF	710881
301SR162	B-L-H	416654 <sup>2B</sup>	302232R91	IH	340151	303134008	WHITE	417254	30373TA	TRSCM	415281N
301SR162	B-L-H	455012	302238	CLARK	471192	3031445	CUMMI	39867	30373VTB	TRSCM	476023N
301SR175	B-L-H	415090	30225	GARLK	471255 <sup>2B</sup>	3031446	CUMMI	39875	30374TA	TRSCM	417349 <sup>2B</sup>
301SR175	CLARK	415090	302292E	OLIVE	470189	303189	REX	470548	3-037500	CALI	415034 <sup>2B</sup>
301SR262	B-L-H	472560N <sup>2B</sup>	302292E	OLIVE	471692 <sup>2B</sup>	303189	REX	470625 <sup>2B</sup>	3-037500	CALI	455034
301SR262	B-L-H	50151S	302293E	OLIVE	470358	3031A	DURA	471231 <sup>2B</sup>	30376107	ALLCH	470219
301SR347	B-L-H	473225 <sup>2B</sup>	302293E	OLIVE	473231 <sup>2B</sup>	3031AA	DURA	473236 <sup>2B</sup>	30376107	ALLCH	471649 <sup>2B</sup>
301SR477	B-L-H	473313	3022OS	JN-MN	471255 <sup>2B</sup>	3031BB	DURA	471267 <sup>2B</sup>	30379	VERSA	370119A
301SR522	B-L-H	415995 <sup>2B</sup>	30237	GARLK	471564	3031D	DURA	450039	3037969	ALLCH	415086N
301SR522	B-L-H	455013	3023OS	JN-MN	471762 <sup>2B</sup>	3031F	DURA	470219	3037969	ALLCH	417487 <sup>2B</sup>
301SS162	B-L-H	416047	302425	MICH	455015	3031F	DURA	471649 <sup>2B</sup>	30379812	ALLCH	471272N
301SS162	B-L-H	416332 <sup>2B</sup>	302425	UNIVE	455015	3031J	DURA	470045	3037T2	WHITE	240733
301SS175	B-L-H	415437 <sup>2B</sup>	302459R91	IH	471224 <sup>2B</sup>	3031J	DURA	476838 <sup>2B</sup>	30386759	ALLCH	473231 <sup>2B</sup>
301SS175	B-L-H	455173	30246201	ALLCH	410101N	3031K	CASE	471763	3038997	FPDSL	471795V
301SS262	B-L-H	416107 <sup>2B</sup>	30246458	ALLCH	472439	3031K	DURA	471765 <sup>2B</sup>	3038999	CUMMI	471267V
301SS262	B-L-H	455073	30246540	ALLCH	455186	3031N	DURA	470163	3038D	GOODM	415379 <sup>2B</sup>
301SS262	CLARK	416107 <sup>2B</sup>	30246920	ALLCH	450082	3031N	DURA	471766 <sup>2B</sup>	3038D	GOODM	455379
301SS262	CLARK	455073	30246920	ALLCH	473238	3031T	CASE	450194	303VB7	MARI	415995 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
303VB7	MARI	455013	304438	MICH	417171 <sup>28</sup>	304N2	WHITE	450094	306124	HU-WR	473313
304	NOK	370003A	30444095	ALLCH	471224 <sup>28</sup>	304N2	WHITE	473462	306130	BUC-E	473461 <sup>28</sup>
304	UNIVE	418028	304446	EATON	370119A	304VB7	MARI	417487	3062	BUC-E	473463
304	UNIVE	455137 <sup>28</sup>	304450	GW	415991	304VB7	MARI	455014	306207XX	TIMKE	30X62X7
30400543	ALLCH	470565 <sup>28</sup>	304450	GW	455146 <sup>28</sup>	305	NOK	370001A	30628K	CLARK	473473
3040062	ALLCH	415327	304450	UNIVE	417172 <sup>29</sup>	3050	C-R	240698	3062900	CALI	416167 <sup>28</sup>
30400626	ALLCH	415327	304451	GW	416167 <sup>28</sup>	3050	SKF	240698	3063	SNFLW	204035
304007XX	TIMKE	30X40X7	30446	GARLK	471554 <sup>28</sup>	305007XX	TIMKE	30X50X7	306335R91	IH	470625 <sup>28</sup>
30401194	ALLCH	415551	30448	GARLK	471643 <sup>28</sup>	3050TA	OSHKO	5751	306336R91	IH	470625 <sup>28</sup>
304026	JA-MI	417316 <sup>28</sup>	304499	UNIVE	415021 <sup>29</sup>	3051	FMS	3051N	306346R91	IH	441130
304026	JA-MI	455004	304500	MICH	415021	3051	PEERC	472826 <sup>28</sup>	306392	Y-T	450115
304026	JAE	417316 <sup>28</sup>	3045043	ALLCH	45187S	305110	O-M	474278 <sup>28</sup>	306392	Y-T	473467 <sup>28</sup>
304026	JAE	455004	304508XX	TIMKE	30X45X8	305110	O-M	6859S	306424	UNIVE	456105
30402-M0101	NISSA	222820	3045101	IG-RA	415013	305115	JAC	471255 <sup>28</sup>	306425	MICH	456105
30402-M0101	NISSA	28X40X7 <sup>28</sup>	3045101	IG-RA	415995 <sup>28</sup>	3051237	ALLCH	415991 <sup>28</sup>	306437	UNIVE	417490
30402-M7000	NISSA	222820	304525	MICH	415394 <sup>29</sup>	3051237	ALLCH	415991N	306438	MICH	417490
30402-M7000	NISSA	28X40X7 <sup>28</sup>	30454SA	TRSCM	455088	305128R91	IH	471570 <sup>28</sup>	306449	UNIVE	455336 <sup>29</sup>
30402VH	TRSCM	45013S	30454TA	TRSCM	415088	305149	O-M	481443 <sup>28</sup>	306450	MICH	455336 <sup>29</sup>
30404	STAR	J1106	30458	GARLK	471567 <sup>28</sup>	3051N	TIMKE	3051N	306500	MICH	455022
304046	PEERC	471765 <sup>28</sup>	3046311	SPICE	410520	305207A	HARWA	30X52X7	30651380	VOLVO	223005
30404SA	TRSCM	455013	3046311	SPICE	471272 <sup>28</sup>	305207XX	TIMKE	30X52X7	30651380-5	VOLVO	223005
30404TA	TRSCM	415013	304632	SPICE	470169	305268	GW	340483	30651791	VOLVO	222742
30404TA	TRSCM	415836	304632	SPICE	473214	305269	WHITE	415016N	3066	PEERC	450039
3040805M1	MASSE	417349 <sup>28</sup>	304632C91	IH	472705 <sup>28</sup>	305366	GW	416476 <sup>28</sup>	30662	SPICE	417480 <sup>28</sup>
30409239	ALLCH	471341 <sup>28</sup>	304633	SPICE	410520	305387-C1	IH	415072	30662	SPICE	455860
3040D	GOODM	416339	304633	SPICE	471272 <sup>28</sup>	305439	JAC	481073	3-066600	CALI	412943
3040D	GOODM	455031 <sup>28</sup>	304634	SPICE	471466 <sup>28</sup>	30544	PEERC	417604	3-066800	CALI	416008
3040F	GOODM	416339	304636	SPICE	6835S	305-501-6411	VW	1962	3-067000	CALI	416107 <sup>28</sup>
3040F	GOODM	455031 <sup>28</sup>	304636-2	SPICE	350679	305507XX	TIMKE	30X55X7	3-067000	CALI	455073
30413	GW	471750 <sup>28</sup>	304636-2	SPICE	470954 <sup>28</sup>	3-055600	CALI	455536	3067100	CALI	55103S
30414	GW	471747 <sup>28</sup>	304637	SPICE	410520	305608XX	TIMKE	30X56X8	306711	AMC	470351
30414	GW	472674	304637	SPICE	471272 <sup>28</sup>	30563136	GMC	710237	306711	AMC	471504 <sup>28</sup>
30420007	TROS	473463	304638	SPICE	8421S	3056401	CALI	415219	30678	GARLK	471267 <sup>28</sup>
30420408	TROS	450307	30468	CHERY	411253 <sup>28</sup>	3056501	CALI	416154 <sup>28</sup>	3067OS	JN-MN	470062
304207XX	TIMKE	30X42X7	30468	CHERY	450099	30565360	ALLCH	2505	3067OS	JN-MN	474264
30420808	TROS	410308 <sup>28</sup>	304707XX	TIMKE	30X47X7	3-056600	CALI	55563	306804	AMC	473211 <sup>28</sup>
30420808	TROS	450308	3047201	CALI	455330 <sup>28</sup>	3-056800	CALI	415036	30684	AMC	471255 <sup>28</sup>
30420811	TROS	470308N	304736	JAC	471267 <sup>28</sup>	3-056802	CALI	415036	30684	GMC	471267 <sup>28</sup>
30420812	TROS	410308 <sup>28</sup>	3047402	CALI	415577	3056803	CALI	415036	30687	GARLK	471570 <sup>28</sup>
30421208	TROS	473471	30477	NAPCO	473228 <sup>28</sup>	3057	PEERC	471137	3068800	CALI	416008
30421607	TROS	473473	3047701	CALI	415295	3-057000	CALI	416892 <sup>28</sup>	306994	AMC	42763
30421608	TROS	473473	3047900	CALI	415009	30574	CASE	40494S	306J	OSHKO	450070
30424SA	TRSCM	455014	3047900	CALI	415960 <sup>28</sup>	3-057800	CALI	7354N	306J	OSHKO	472185 <sup>28</sup>
30424SA	TRSCM	455086	3047901	CALI	415009	305834	GW	450121	306VB7	MARI	415027 <sup>28</sup>
30427	GARLK	470954 <sup>28</sup>	3047901	CALI	415960 <sup>28</sup>	305834	GW	472409 <sup>28</sup>	306VB7	MARI	455027
3042826	ALLCH	8907	304816C91	IH	416921 <sup>28</sup>	305845	GW	416865 <sup>28</sup>	307024	AMC	5778
30431100	ALLCH	455186	304831R91	IH	323138 <sup>28</sup>	305845	GW	455070	30705	GARLK	471633 <sup>28</sup>
3044	C-R	340826	304832R91	IH	323138 <sup>28</sup>	30585	PEERC	418028	307-0713	STEM	370036A
3044	SKF	340826	30488	GARLK	471643 <sup>28</sup>	30585	PEERC	455137 <sup>28</sup>	307-0713	STEM	370349A
304400	MICH	416404 <sup>28</sup>	30488357	ALLCH	470737N	305902	GW	472439	307-0713	STEM	380036A
304400	UNIVE	416404 <sup>28,29</sup>	3048ALA83	IH	471192	305925	AMC	9613S	307-0723	STEM	370065A
304407XX	TIMKE	30X44X7	3048P-ALA-100	IH	470954 <sup>28</sup>	305926	GW	455195	307-0723	STEM	376590A
304412	UNIVE	416011	3048P-ALA-63	IH	450352	305926	GW	472157 <sup>28</sup>	307-0723	STEM	380065A
304412	UNIVE	417621 <sup>28</sup>	3048P-ALA-63	IH	472164 <sup>28</sup>	30592696	GMC	3543	307-0723	STEM	386590A
304413	MICH	416011	3049464	CUMMI	39869	305VB7	MARI	415023	307073C91	IH	471267 <sup>28</sup>
304413	MICH	417621 <sup>28</sup>	3049467	CUMMI	39865	306	NOK	370023A	307-0743	STEM	370025A
304418C91	IH	3016	3049468	CUMMI	39861	306	UNIVE	417354 <sup>28</sup>	307-0743	STEM	380025A
304424	UNIVE	416288 <sup>28</sup>	304967	WHITE	5751	3060	C-R	240698	307-0743	STEM	386025A
304425	MICH	416288 <sup>28</sup>	304981	JAC	471652	3060	SKF	240698	307-0744	STEM	370037A
304437	UNIVE	417171 <sup>28</sup>	304986	WHITE	473215 <sup>28</sup>	306122	BUC-E	470086	307-0744	STEM	370338A

**INTERCHANGE SECTION**

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
30700S	JN-MN	411394 <sup>2B</sup>	308-0870	STEM	370009A	309007	H-S	450593 <sup>2B</sup>	30A515	MINNM	470712 <sup>2B</sup>
30700S	JN-MN	450317	308-0870	STEM	380009A	309013	FREIG	416339	30P514	MINNM	450444
307109	JAC	472319	308160	ACF	470077	309013	FREIG	455031 <sup>2B</sup>	30P514	MINNM	471835 <sup>2B</sup>
30711646	VOLVO	711002	308160	ACF	474281 <sup>2B</sup>	309-0903	STEM	370022A	30PS462	C-P	416476 <sup>2B</sup>
30711647	VOLVO	710642	308160	H-S	470077	309-0903	STEM	380022A	30PS462	C-P	455075
30711875	VOLVO	223750	308160	H-S	474281 <sup>2B</sup>	309-0904	STEM	370031A	30T811	CLARK	410059
307121	GWJ	471267 <sup>2B</sup>	30816008	TROS	471391 <sup>2B</sup>	309-0904	STEM	380031A	30T811	CLARK	470380 <sup>2B</sup>
30713022	VOLVO	710798	30820008	TROS	473242	309-0912	STEM	370023A	30X034020XX	TIMKE	300X340X20
30713726	VOLVO	710699	30820807	TROS	410312N	309-0912	STEM	380023A	30X40X7	TIMKE	30X40X7
30713726-0	VOLVO	710699	30820808	TROS	410312N	309-0915	STEM	370024A	30X40X7SB	TRSCM	1129
30713728	VOLVO	710774	308214	GWJ	55301S	309-0935	STEM	370047A	30X40X7SB	TRSCM	30X40X7 <sup>2B</sup>
30713728-1	VOLVO	710774	30821608	TROS	471138 <sup>2B</sup>	309-0948	STEM	370069A	30X40X7SC	TRSCM	30X40X7 <sup>2B</sup>
30713729	VOLVO	710773	30822408	TROS	470565 <sup>2B</sup>	309-0948	STEM	380069A	30X40X7TC	TRSCM	30X40X7 <sup>2B</sup>
30713729-9	VOLVO	710773	308277	AMC	471984	309-0957	STEM	370009A	30X42X7	TIMKE	30X42X7
30715	GARLK	471646 <sup>2B</sup>	3083	TIMKE	3083	309-0957	STEM	380009A	30X42X7SC	TRSCM	30X42X7 <sup>2B</sup>
30715608	TROS	7216	30839	SEAMA	415371	309-0960	STEM	370005A	30X42X7TC	TRSCM	30X42X7 <sup>2B</sup>
307207XX	TIMKE	30X72X7	308405R1	IH	335924N	309-0961	STEM	370030A	30X44X7	TIMKE	30X44X7
30730	GARLK	470590	308412	UNIVE	455566	309-0964	STEM	370021A	30X44X7SC	TRSCM	30X44X7 <sup>2B</sup>
30731650	VOLVO	710789	308424	UNIVE	455018	309-0965	STEM	370019A	30X44X7TC	TRSCM	30X44X7 <sup>2B</sup>
30731650-0	VOLVO	710789	308424	UNIVE	476470	309-0970	STEM	370006A	30X45X8	TIMKE	30X45X8
30730S	JN-MN	410737 <sup>2B</sup>	308425	MICH	455018	309-0973	STEM	370003A	30X45X8SC	TRSCM	30X45X8 <sup>2B</sup>
30730S	JN-MN	450737	308425	MICH	476470	309-0973	STEM	380003A	30X45X8TC	TRSCM	30X45X8 <sup>2B</sup>
30740	C-R	78X105X10	308437	UNIVE	417181 <sup>2B</sup>	309128R91	IH	441130	30X47X7	TIMKE	30X47X7
30740	SKF	78X105X10	308438	MICH	417181 <sup>2B</sup>	309209	AMC	470351	30X47X7SC	TRSCM	30X47X7
3-075100	CALI	415294 <sup>2B</sup>	308449	UNIVE	418028	309209	AMC	471504 <sup>2B</sup>	30X47X7TC	TRSCM	30X47X7
3-075100	CALI	455294	308449	UNIVE	455137 <sup>2B</sup>	309254C91	IH	415035	30X47X8TC	TRSCM	223020
30751873	VOLVO	710590	308450	MICH	418028	309254C91	IH	415953	30X50X7	TIMKE	30X50X7
307557	GWJ	470163	308450	MICH	455137 <sup>2B</sup>	309323-C91	IH	370023A	30X50X7SC	TRSCM	30X50X7
307557	GWJ	471766 <sup>2B</sup>	3084879	CUMMI	39821	309323C91	NAVST	370023A	30X50X7TC	TRSCM	30X50X7
307615	WHITE	473215 <sup>2B</sup>	308499	UNIVE	415023	309323C91	NAVST	380023A	30X52X7	FORSH	30X52X7
3077	C-R	220818	30849D	IH	415991	30932D	IH	450082	30X52X7	SIMRT	30X52X7
3077	C-R	8X18X5	30849D	IH	455146 <sup>2B</sup>	30932D	IH	473238	30X52X7	TIMKE	30X52X7
3077	SKF	220818	308500	MICH	415023	309372	JAC	240733	30X52X7SC	TRSCM	30X52X7
3077	SKF	8X18X5	308510	JAC	350954	3094	C-R	712022	30X52X7TC	TRSCM	30X52X7
30770	C-R	78X115X10	308510	JAC	470954 <sup>2B</sup>	3094	SKF	712022	30X56X8	TIMKE	30X56X8
30770	SKF	78X115X10	308548	AMC	41787S	309457	AMC	450154	30X56X8SC	TRSCM	30X56X8
30772	C-R	710106	30862835	VOLVO	716102	309457	AMC	473234	30X56X8TC	TRSCM	30X56X8
30772	SKF	710106	3087	TIMKE	3087	3095	TIMKE	3095	30X62X7	TIMKE	30X62X7
307739	AMC	410059	30870321	VOLVO	225230	309522	STUDE	450066	30X62X7SC	TRSCM	30X62X7
307739	AMC	470380 <sup>2B</sup>	30870321-0	VOLVO	225230	309522	STUDE	473367 <sup>2B</sup>	30X62X7TC	TRSCM	30X62X7
307882R91	IH	441130	30870321-4	VOLVO	225230	309612	H-S	470059	310	UNIVE	417355 <sup>2B</sup>
307968R91	IH	412920 <sup>2B</sup>	30870411	VOLVO	225450	309612	H-S	470380 <sup>2B</sup>	3100	TIMKE	3100
307968R91	IH	450132	30870411-0	VOLVO	225450	3096223	VOLVO	370025A	31004	GARLK	471224 <sup>2B</sup>
307VB7	MARI	55028	308719	JAC	470120	309737	AMC	41787S	310099	HYST	204029
308	UNIVE	415437 <sup>2B</sup>	308719	JAC	471224 <sup>2B</sup>	309745	H-S	470027	310099	HYST	204507 <sup>2B</sup>
308	UNIVE	455173	308731	JAC	350414	309745	H-S	471554 <sup>2B</sup>	3101	C-R	350364
308070	JAC	471539 <sup>2B</sup>	308731	JAC	472311 <sup>2B</sup>	309781	JAC	470027	3101	SKF	350364
308079	JAC	450431	30874033	VOLVO	223750	309781	JAC	471554 <sup>2B</sup>	310-1034	STEM	370011A
308079	JAC	471539 <sup>2B</sup>	30874034	VOLVO	710767	3098	CALSO	473227 <sup>2B</sup>	310-1079	STEM	370173A
308-0836	STEM	370001A	30874170	VOLVO	712007	309823C91	IH	415958 <sup>2B</sup>	310131	H-S	416921 <sup>2B</sup>
308-0836	STEM	380001A	30874307	VOLVO	710329	309823C91	IH	455958	310131	H-S	455011
308-0853	STEM	370124A	30874307-9	VOLVO	710329	3099	PEERC	450161	310195	FORD	710409
308-0855	STEM	370131A	30875591	VOLVO	710767	3099	PEERC	471764 <sup>2B</sup>	31020	GARLK	471649 <sup>2B</sup>
308-0856	STEM	370131A	30875591-7	VOLVO	710767	309VB7	MARI	416345 <sup>2B</sup>	31020008	TROS	412725
308-0856	STEM	380131A	308811	JAC	471571	309VB7	MARI	455033	31020404	TROS	5756
308-0863	STEM	370132A	308986	ACF	450085	30A1635	MINNM	480630 <sup>2B</sup>	31021805.75	TROS	204035
308-0864	STEM	370048A	308986	ACF	470530 <sup>2B</sup>	30A1680	MINNM	471276	31-021849-10	GOETZ	710608
308-0864	STEM	370182A	308B14408	TROS	470687	30A2783	MINNM	203013	31023004.5	TROS	40337S
308-0864	STEM	380048A	308VB7	MARI	416339	30A2801	MINNM	40301S	31023204	TROS	473476
308-0866	STEM	370150A	308VB7	MARI	455031 <sup>2B</sup>	30A514	MINNM	481792	31023204.5	TROS	40337S

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
31028	GARLK	471689 <sup>28</sup>	310921	ACF	450083	31144	SKF	2260	3121.10	PEUGE	223020
3103	C-R	712021	310921	ACF	472924 <sup>28</sup>	31147	C-R	416404 <sup>28</sup>	31-21-1-101-114	BMW	224010
3103	NATL	3095	310921	H-S	450083	31147	SKF	416404	31-21-1-106-225	BMW	224010
3103	SKF	712021	310921	H-S	472924 <sup>28</sup>	3114778	AMC	9613S	31-21-1-106-226	BMW	224010
3103	TIMKE	3103	310946R91	IH	415304	31148	C-R	416404 <sup>28,29</sup>	31-21-1-106-227	BMW	224010
3103341	WHITE	100495	310946R91	IH	476470 <sup>28</sup>	31148	SKF	416404	31-21-1-107-447	BMW	224010
3103341	WHITE	415281N	310971	H-S	411253 <sup>28</sup>	31149	EATON	370019A	31-21-1-107-456	BMW	224520
3103514	WHITE	370047A	310971	H-S	450099	31149	EATON	415060	31-21-1-119-200	BMW	224820
3103838	VOLVO	710329	310978	VICK	471649 <sup>28</sup>	311493	AMC	340771	31-21-1-119-571	BMW	224820
3103838-1	VOLVO	710329	310B20808	TROS	8243	31152	C-R	714470	31-21-1-130-238	BMW	224820
31040	GARLK	471733	310C204065	TROS	200110	31152	SKF	714470	31-21-1-634-107	BMW	1196
3104014	VOLVO	710642	310D20404	TROS	5756	311531	H-S	481073	312119	ALLCH	40438S
3104085	WHITE	415991 <sup>28</sup>	310D20604	TROS	40973S	311540	BORGW	J1121	31212634108	BMW	494122
3104085	WHITE	415991N	310E21805.75	TROS	493291	311616	AMC	8160S	31213207	TROS	450540
310413SL	MICH	455500	310G15604	TROS	6808N	31162	MICH	471648	31214	VICK	417040
310424	UNIVE	416292	310H13604	TROS	5778	31162	UNIVE	471648	312140	TIMKE	312140
310425	MICH	416292	310VB7	MARI	415034 <sup>28</sup>	3116442	AMC	6835S	31214807.5	TROS	470088
310437	UNIVE	417491	310VB7	MARI	455034	311653330	WHITE	416664 <sup>28</sup>	312150	CITRO	710582
310438	MICH	417491	3110	BORGW	410059	311697	BORGW	416288 <sup>28</sup>	312150	PEUGE	710582
310449	UNIVE	415085 <sup>28</sup>	3110	BORGW	470380 <sup>28</sup>	3116N	TIMKE	3116N	312151	PEUGE	710699
310449	UNIVE	456648	311035	WOOL	416891 <sup>28</sup>	311706560	WHITE	415725 <sup>28</sup>	31215607.5	TROS	473458
310450	MICH	415085 <sup>28</sup>	31105D	IH	412473 <sup>28</sup>	311717	H-S	412943	31216007	TROS	450094
310450	MICH	456648	31105D	IH	415894	311718	H-S	471820	31216007	TROS	473462
3104650	ALLCH	J1105	31106D	IH	481864	311721	AMC	450867	31216007.5	TROS	450094
3104651	ALLCH	450082	31108D	IH	470059	311721	AMC	470898	31216007.5	TROS	473462
3104651	ALLCH	473238	31108D	IH	470380 <sup>28</sup>	31173	C-R	415156N	31216283	VOLVO	710642
3104652	ALLCH	450082	3110A	BORGW	410059	31173	SKF	415156N	312163	CITRO	710582
3104652	ALLCH	473238	3110A	BORGW	470380 <sup>28</sup>	31175	C-R	370145A	31219	NEWPR	710657
310500	MICH	455024	3110A	MERIX	410059	31175	MICH	471688	31-21-9-061-512	BMW	224820
310509R91	IH	415995V	3110A	MERIX	470380 <sup>28</sup>	31175	SKF	370145A	312196	TIMKE	312196
310510R91	IH	455006N	3110A	ROCKW	410059	31175	UNIVE	471688	31220007	TROS	450095
310511R91	IH	415164N	3110A	ROCKW	470380 <sup>28</sup>	31177	C-R	416011	31220007	TROS	473464 <sup>28</sup>
310514R91	IH	3893V <sup>28</sup>	3111035	WOOL	416888 <sup>28</sup>	31177	C-R	417621 <sup>28</sup>	31220007.5	TROS	473464
310515R91	IH	475003N	3111035	WOOL	455200	31177	SKF	416011	31220407	TROS	416738 <sup>28</sup>
310516R91	IH	415437	31113	GARLK	471652	31177	SKF	417621	31220407	TROS	450096
3105234	AMC	471141 <sup>28</sup>	31117	GARLK	471692 <sup>28</sup>	31182	UNIVE	450040	31220806	TROS	472409 <sup>28</sup>
310523R91	IH	415995V	31118	GARLK	471692 <sup>28</sup>	311825	H-S	471472 <sup>28</sup>	31220807	TROS	450121
310524R91	IH	455006N	311189	TIMKE	311189	31183	MICH	450040	31220807	TROS	472409 <sup>28</sup>
310525R91	IH	412473 <sup>28</sup>	31119D	IH	415984 <sup>28</sup>	31185	C-R	2291	31220807.5	TROS	450121
310525R91	IH	415894	31128	GARLK	470712 <sup>28</sup>	31185	SKF	2291	31220807.5	TROS	472409 <sup>28</sup>
3105459	AMC	471344	31129	C-R	45825S	311865	Y-T	416654 <sup>28</sup>	31221	NEWPR	710660
310550R91	IH	417357	31129	SKF	45825S	311865	Y-T	455012	31221007.5	TROS	450621
310550R91	IH	455192 <sup>28</sup>	3112948	AMC	240151	31189	C-R	2291	31221207	TROS	470354
310599	O-M	471571	3113029	AMC	470712 <sup>28</sup>	31189	C-R	416011	31221207.5	TROS	6186
310622	JAC	471267 <sup>28</sup>	31138	GARLK	471763	31189	C-R	417621 <sup>28</sup>	31221211	TROS	6636S
310625	ACF	450076	3113831	AMC	471344	31189	SKF	2291	31221607	TROS	410737 <sup>28</sup>
310625	ACF	470334 <sup>28</sup>	31139	C-R	416404 <sup>28</sup>	31189	SKF	416011	31221607	TROS	450737
310625	H-S	450076	31139	SKF	416404	31189	SKF	417621	31221608	TROS	410737 <sup>28</sup>
310625	H-S	470334 <sup>28</sup>	31140	GARLK	471763	311.898	ELRNG	229005	31221611.5C	TROS	410737 <sup>28</sup>
310625	JAC	470045	311-405-341B	AUDI	1962	31197-01X01	NISSA	224979	31223204	TROS	472029
310625	JAC	476838 <sup>28</sup>	311-405-341B	VW	1962	311994R91	IH	471224 <sup>28</sup>	312237	ACF	473215 <sup>28</sup>
3106480	AMC	453165	311405641	VW	1174	311VB7	MARI	415088 <sup>28</sup>	312237	H-S	473215 <sup>28</sup>
3106480	AMC	471619 <sup>28</sup>	311405641B	AUDI	1962	311VB7	MARI	455088	312238	ACF	470950 <sup>28</sup>
3106565	WHITE	472164V	311-405-641B	VW	1962	312	UNIVE	416339	312238	ACF	6241S
3106565	WHITE	482164N	311405641D	AUDI	1174	312	UNIVE	455031 <sup>28</sup>	312238	H-S	470950 <sup>28</sup>
3107A	BORGW	240816	31142	SPICE	442380	31203	C-R	8976S <sup>29</sup>	312238	H-S	6241S
310841	TIMKE	310841	311421	SPICE	442380	31203	SKF	8976S	31224	GARLK	471413 <sup>28</sup>
3108650-R91	IH	483238V	311422	SPICE	442380	31205	GEM	240151	31227	C-R	416288 <sup>28,29</sup>
3108OS	JN-MN	470062	31144	C-R	2260	31207	AM WH	450185	31227	SKF	416288
3108OS	JN-MN	474264	31144	FBG	224200	31207	AM WH	473229	312276	WHITE	450115

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
312276	WHITE	473467 <sup>28</sup>	31302	HYST	470625 <sup>28</sup>	31368	GARLK	473214 <sup>28</sup>	3141	C-R	712021
31228	C-R	416288 <sup>28,29</sup>	313046	ACF	450025	3136881R91	IH	2260	3141	SKF	712021
31228	SKF	416288	313046	ACF	471553 <sup>28</sup>	3136881R92	IH	2260	31415TA	TRSCM	415156N
31228D	IH	415371	313046	H-S	450025	3136N	TIMKE	3136N	31415TA	TRSCM	416011
31232	GARLK	471737	313046	H-S	471553 <sup>28</sup>	31370	GARLK	473214 <sup>28</sup>	314172KB	TRSCM	8976S
31234	HYST	410102	31307	C-R	370046A	313734	FORD	473215 <sup>28</sup>	31424TA	TRSCM	416288 <sup>28</sup>
3123416	AMC	240698	31307	SKF	370046A	31375-1XD00	NISSA	710631	314259	TIMKE	314259
31235	HYST	412920 <sup>28</sup>	313096	JAC	350823	31375-1XF00	NISSA	710923	314267N	TIMKE	314267N
312356	FORD	450067	313096	JAC	473454	31375-31X00	NISSA	710442	3143382	CLARK	415447
312356	FORD	473228	3130C	MINNM	417344 <sup>28</sup>	31375-31X01	NISSA	221207	31435	VICK	415146 <sup>28</sup>
3123576	AMC	470548	3130C	MINNM	455006	31375-31X03	NISSA	710442	31435	VICK	415991
3123576	AMC	470625 <sup>28</sup>	313100R91	IH	415021	31375-41X00	NISSA	2027	3143C	MINNM	471750 <sup>28</sup>
3123587	AMC	450117	31311-06100	MITSU	710313	31375-41X01	NISSA	224464	3143N	TIMKE	3143N
3123587	AMC	472572 <sup>28</sup>	31311-06101	MITSU	710313	31375-41X06	NISSA	223801 <sup>28</sup>	314408XX	TIMKE	31X44X8
3123667	AMC	340797	31311F	DIA	471689 <sup>28</sup>	31375-41X07	NISSA	223801 <sup>28</sup>	314425SL	MICH	418029 <sup>28</sup>
3123668	AMC	340797	31315	NEWPR	710902	31375-4AX00	NISSA	224663	314425SL	MICH	455499
312424	UNIVE	416294 <sup>28</sup>	313156	TIMKE	313156	31375-4AX02	NISSA	224663	314449	UNIVE	417492 <sup>29</sup>
312437	UNIVE	412473 <sup>28</sup>	31316	C-R	416024 <sup>29</sup>	31375-51X00	NISSA	224215	314450	MICH	55419
312437	UNIVE	415894	31316	SKF	416024	31375-51X01	NISSA	224215	314462	UNIVE	417493
312438	MICH	412473 <sup>28</sup>	3131C	MINNM	413469 <sup>28</sup>	31375-51X03	NISSA	224663	314463	MICH	417493
312438	MICH	415894	31323	C-R	370046A	313756	H-S	471549 <sup>28</sup>	3144651	AMC	471195 <sup>28</sup>
312438ISL	MICH	412473 <sup>28</sup>	31323	SKF	370046A	31375-60X00	NISSA	224215	3144651	AMC	481195
312438ISL	MICH	415894	31324	GR-DV	410312N	313757	H-S	471750 <sup>28</sup>	3144651	WILYS	471195 <sup>28</sup>
31244	C-R	370014A	313240	H-S	415458 <sup>28</sup>	31375-80X00	NISSA	224450	3144651	WILYS	481195
31244	SKF	370014A	313240	H-S	455003	31375-80X01	NISSA	224450	3145	C-R	220860
312450	MICH	417191	313245	FORD	450117	31375-90X01	NISSA	1973	3145	C-R	8X16X7 <sup>28</sup>
312450990	WHITE	417134	313245	FORD	472572 <sup>28</sup>	31375-90X0A	NISSA	1973	3145	SKF	220860
31246	GARLK	471766 <sup>28</sup>	313249	H-S	415995 <sup>28</sup>	31375-90X0B	NISSA	221207	3145	SKF	8X16X7
312460C91	IH	410686N	313249	H-S	455013	31375-NF000	NISSA	2027	314500	MICH	455026
312462	UNIVE	417354 <sup>28</sup>	3132497	VOLVO	475003N	31375-PR000	NISSA	710442	31454	GARLK	473227 <sup>28</sup>
312462V	UNIVE	417354 <sup>28,29</sup>	3132498	VOLVO	9773	313777	JAC	340469	31455TA	TRSCM	417172
312463	MICH	417354 <sup>28</sup>	31324S	FORD	450117	31378	C-R	6481S <sup>30</sup>	31462	GARLK	470625 <sup>28</sup>
312469	MICH	455249 <sup>28</sup>	31324S	FORD	472572 <sup>28</sup>	31378	GARLK	473215 <sup>28</sup>	31464	GARLK	470625 <sup>28</sup>
31247	C-R	39809	313262	LEROI	415960	31378	SKF	6481S	314658	CHRYS	450095
31247	SKF	39809	313262	LEROI	455009	3138	PEERC	470950 <sup>28</sup>	314658	CHRYS	473464 <sup>28</sup>
3124732	AMC	6760S	31328	GEHL	471138 <sup>28</sup>	3138	PEERC	6241S	31472	GARLK	470380 <sup>28</sup>
312499	UNIVE	417191	31330	SPICE	471192	3138143	AMC	470403	314745	Y-T	415035 <sup>28</sup>
312499	UNIVE	455165 <sup>28</sup>	31330	VIC	471192	3138143	AMC	470774 <sup>28</sup>	314745	Y-T	455035
31250	C-R	417171 <sup>28,29</sup>	31333	C-R	415021 <sup>29</sup>	313820R91	IH	473447	31475	EATON	415697 <sup>28</sup>
31250	SKF	417171	31333	SKF	415021	31384	CASE	340900	31475	EATON	455547
312500	MICH	415025	31336-X0101	NISSA	710324	313842	TIMKE	313842	3148004	AMC	473234 <sup>28</sup>
312518	TIMKE	312518	31336-X1226	NISSA	710051	313856R91	IH	450048	3148513	AMC	340356
312580	H-S	473446	31336-X6901	NISSA	224464	3138701R91	IH	325776	31490	C-R	710080
31262	GARLK	471795	31336-X8000	NISSA	223801 <sup>28</sup>	313886	JAC	471466 <sup>28</sup>	31490	SKF	710080
31-2634100	WHITE	J1127	31339213	VOLVO	710669	31390	C-R	5313	31492	C-R	228013
31269	C-R	417172 <sup>29</sup>	3134	PEERC	471192	31390	SKF	5313	31492	GARLK	473228 <sup>28</sup>
31269	SKF	417172	3134093	AMC	450117	313914R91	IH	417354 <sup>28</sup>	31492	SKF	228013
31270	SPICE	416273 <sup>28</sup>	3134093	AMC	472572 <sup>28</sup>	313914R92	IH	417354 <sup>28</sup>	314923	WHITE	450194
31281	C-R	370014A	31343	HYST	415138 <sup>28</sup>	313936	H-S	473448	314923	WHITE	473010
31281	C-R	370046A	31344-21X00	NISSA	224663	3139OS	JN-MN	450307 <sup>29</sup>	314924	H-S	473427
31281	SKF	370014A	31344X0100	NISSA	2025	313VB7	MARI	415995 <sup>28</sup>	31494	C-R	228010
31281	SKF	370046A	31344-X0101	NISSA	2025	313VB7	MARI	455013	31494	SKF	228010
3129318	AMC	474255	31344-X0102	NISSA	2025	314	UNIVE	415697 <sup>28</sup>	31494SA	TRSCM	455022
31293199	VOLVO	711002	3134500	CALI	455019 <sup>28</sup>	314	UNIVE	455547	31495	C-R	710614
3129320	AMC	340151	31348	GARLK	472258 <sup>28</sup>	3140	C-R	350364	31495	SKF	710614
31299	C-R	416297	31353	C-R	415394 <sup>29</sup>	3140	SKF	350364	314963	CHRYS	473447
31299	SKF	416297	31353	SKF	415394	3140380	AMC	450117	31497	C-R	228008
312VB7	MARI	417191	31360	GARLK	471192	3140380	AMC	472572 <sup>28</sup>	31497	SKF	228008
312VB7	MARI	455165 <sup>28</sup>	31362	C-R	9600S	3140D	GOODM	416345 <sup>28</sup>	31498	GARLK	473228 <sup>28</sup>
31302	HYST	470548	31362	SKF	9600S	3140D	GOODM	455033	314VB7	MARI	415394

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
3150	C-R	8X22X7 <sup>28</sup>	315465	TW-CO	6638S	316475	MICH	415437 <sup>28</sup>	317879	H-S	472951
3150	SKF	8X22X7	3155002	AMC	321460	316475	MICH	455173	317879	H-S	474252
315019	H-S	471747 <sup>28</sup>	3155002	WILYS	321460	316475	UNIVE	415437 <sup>28</sup>	317923	WHITE	450194
315019	H-S	472674	3155168	AMC	410059	316475	UNIVE	455173	317923	WHITE	473010
3150254	AMC	7022S	3155168	AMC	470380 <sup>28</sup>	316487	UNIVE	417198	317944R91	IH	417267
31504	C-R	710103	31554	SPICE	473228 <sup>28</sup>	316499	UNIVE	415027	317VB7	MARI	417487
31504	SKF	710103	31554	VIC	473228 <sup>28</sup>	316500	MICH	415027 <sup>28</sup>	317VB7	MARI	455014
31506	C-R	228005	3156012	AMC	7022S	316500	MICH	455027	3180	PEERC	450154
31506	SKF	228005	31566	GARLK	473230 <sup>28</sup>	316524	WHITE	450070	3180	PEERC	473234
3150677	AMC	473234 <sup>28</sup>	31575	HYST	472015 <sup>28</sup>	316524	WHITE	472185 <sup>28</sup>	3180041	AMC	473234 <sup>28</sup>
31507	C-R	228008	31575B	HYST	450115	3166233	AMC	8429S	318010	CLARK	417498
31507	SKF	228008	31575B	HYST	473467	316675	ACF	481644	318011A	CLARK	450183
31508	HYST	417538	31576	GARLK	473231 <sup>28</sup>	316675	H-S	481644	318011A	CLARK	472179
3150858	AMC	240816	3158	NORDG	450183	316756	STUDE	5827	318012	CLARK	415449 <sup>28</sup>
31510	C-R	228009	3158	NORDG	472179	3167833	AMC	8549S	318012	CLARK	455147
31510	C-R	80X100X10 <sup>28</sup>	31581	C-R	228009	316785	WHITE	41075S	318014	CLARK	415995 <sup>28</sup>
31510	SKF	228009	31581	SKF	228009	316785A	WHITE	41075S	318014	CLARK	455013
31510	SKF	80X100X10	3158482	AMC	7038SA	31690	GARLK	473237 <sup>28</sup>	31802	GARLK	472439
3151007	AMC	6988H	3158703	AMC	470059	3169D5	WHITE	470308N	3180211	AMC	710447
31511	C-R	228015	3158703	AMC	470380 <sup>28</sup>	316VB7	MARI	415027 <sup>28</sup>	318026	CLARK	450183
31511	SKF	228015	315872	JAC	340815	316VB7	MARI	455027	318026	CLARK	472179
31513	C-R	228010	3159	NORDG	450361	31704	GARLK	472164 <sup>28</sup>	318027	CLARK	416891 <sup>28</sup>
31513	C-R	80X100X10 <sup>28</sup>	3159	NORDG	472193 <sup>28</sup>	3170700	AMC	7687S	318028	CLARK	412119 <sup>28</sup>
31513	SKF	228010	31590	GARLK	473010 <sup>28</sup>	3171	C-R	470195 <sup>28</sup>	318028	CLARK	450101
31513	SKF	80X100X10	315945	JAC	6357S	3171	PEERC	470219	31803	CLARK	411253 <sup>28</sup>
31515	C-R	228025	315967	JAC	415995 <sup>28</sup>	3171	PEERC	471649 <sup>28</sup>	31803	CLARK	450099
31515	C-R	80X105X13 <sup>28</sup>	315967	JAC	455013	3171	SKF	470195	318031	CLARK	456105
31515	SKF	228025	31598	GARLK	473232 <sup>28</sup>	31714	GARLK	472185 <sup>28</sup>	31804	GARLK	472439
31515	SKF	80X105X13	315VB7	MARI	417181 <sup>28</sup>	317-1705	STEM	370031A	318047C11	IH	712375
31516	C-R	228009	31615608	TROS	451078 <sup>28</sup>	317-1705	STEM	380031A	31805	CLARK	450067
31516	SKF	228009	31615608C	TROS	451078 <sup>28</sup>	317-1721	STEM	370132A	31805	CLARK	473228
31516	SKF	80X105X13	31621008	TROS	450869	317-1756	STEM	370023A	31806	SPICE	482253
31516	SKF	228009	31621208	TROS	473245 <sup>28</sup>	317-1756	STEM	380023A	31807	CLARK	470682
31516	SKF	228009	31621604	TROS	40316S	317-1790	STEM	370069A	31808	CLARK	450316
31517	C-R	228020	31621608	TROS	450316	317-1790	STEM	380069A	31808	CLARK	472636 <sup>28</sup>
31517	C-R	80X105X13 <sup>28</sup>	31621608	TROS	472636 <sup>28</sup>	3172073	WILYS	5111S	31808	NEWPR	710662
31517	SKF	228020	31621610	TROS	410316	317219	H-S	410520	31809	CLARK	473447
31517	SKF	80X105X13	31621610	TROS	472636 <sup>28</sup>	317219	H-S	471272 <sup>28</sup>	3181	NORDG	417492
31521	C-R	80X105X13 <sup>28</sup>	31622008	TROS	411394 <sup>28</sup>	317237	WHITE	470120	31814	GARLK	472572 <sup>28</sup>
31521	SKF	80X105X13	31622008	TROS	450317	317237	WHITE	471224 <sup>28</sup>	3182	PEERC	470074
31525	CASE	5865	31622408	TROS	413246	31726	GARLK	472179	3182	PEERC	474265
31525	SKF	80X110X10	31622408	TROS	413246N	3173	TIMKE	3173	318243	WHITE	455151
3153	FR-HT	471795	31623204	TROS	442380	3173098	WILYS	5111S	31825	C-R	417490 <sup>29</sup>
3153	PEERC	450067	31623206	TROS	471271 <sup>28</sup>	3173532	AMC	7022S	31825	SKF	417490
3153	PEERC	473228	31623208	TROS	450519	31743	GARLK	471984	31826	GARLK	473238 <sup>28</sup>
31531	SPICE	410987 <sup>28</sup>	31623208	TROS	471271 <sup>28</sup>	3174533	AMC	471652	31827	CATER	417349 <sup>28</sup>
3153482	AMC	473234 <sup>28</sup>	31624007	TROS	451143	3174533	AMC	482208 <sup>28</sup>	31827	TMTR	417349 <sup>28</sup>
3153825	AMC	470331N	31634	WAYNE	471733	31750	GARLK	473313	31828	HYST	470088
31540	C-R	80X120X10 <sup>28</sup>	31637-4	SPICE	J1130	317510R91	IH	6863S <sup>28</sup>	318360	H-S	471760
31540	SKF	80X120X10	31640	C-R	456799	31753	C-R	3385	31837	SPICE	410825
3154112	AMC	311189	31640	SKF	456799	31753	SKF	3385	318371	SPICE	410825
315459	H-S	413469 <sup>28</sup>	3164335	AMC	480479H	317549R91	IH	412119 <sup>28</sup>	31838	GARLK	473239 <sup>28</sup>
31546	C-R	80X120X13 <sup>28</sup>	3164335	Y-T	480479H	317570R91	IH	455035N	3183886	AMC	480479H
31546	SKF	80X120X13	316437	UNIVE	416624 <sup>28</sup>	31758	C-R	456105 <sup>29</sup>	3183887	AMC	6988H
31546	SKF	80X120X13	316449	UNIVE	415991	31758	SKF	456105	3183981	AMC	470331N
31546	SKF	80X120X13	316449	UNIVE	455146 <sup>28</sup>	31763	LEECE	450340	318449	UNIVE	415498 <sup>29</sup>
31546	SKF	80X120X13	316450	MICH	415991	31769	LEECE	473414	3184494	AMC	8160S
31546	SKF	80X120X13	316450	MICH	455146 <sup>28</sup>	317749C92	IH	5065	3184500	CALI	415379
31546	SKF	80X120X13	316462	UNIVE	417196 <sup>28</sup>	317847R91	IH	471255 <sup>28</sup>	318462	UNIVE	415711
31546	SKF	80X120X13	316463	MICH	417196 <sup>28</sup>	31785	CHERY	471763	318463	MICH	415711

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
318475	MICH	417497	319812	H-S	450441	319W22250	FMC	416556 <sup>2B</sup>	319W2336	FMC	416271 <sup>2B</sup>
318475	UNIVE	417497	319812	H-S	471341 <sup>2B</sup>	319W22250	FMC	472157	319W-233-6	LK-BT	416271 <sup>2B</sup>
31848	GARLK	473240 <sup>2B</sup>	3199S	TIMKE	3199	319W-222-50	LK-BT	416556 <sup>2B</sup>	319W23522	FMC	416865 <sup>2B</sup>
318487	UNIVE	417498	319W-112	LK-BT	415294 <sup>2B</sup>	319W-222-50	LK-BT	472157	319W23838	FMC	416267 <sup>2B</sup>
318488	MICH	417498	319W-112	LK-BT	455294	319W22264	FMC	416380 <sup>2B</sup>	319W-238-38	LK-BT	416267 <sup>2B</sup>
318499	UNIVE	55028 <sup>29</sup>	319W-112-1	LK-BT	415072	319W-222-64	LK-BT	416380 <sup>2B</sup>	319W-263-49	LK-BT	450039
318500	H-S	415437	319W-112-11	LK-BT	416229	319W22229	FMC	415697 <sup>2B</sup>	319W27611	FMC	85X130X13
318500	MICH	55028	319W-112-12	LK-BT	415294 <sup>2B</sup>	319W22311	FMC	415371	319W27612	FMC	476517
31855	C-R	455336 <sup>29</sup>	319W-112-12	LK-BT	455294	319W-223-11	LK-BT	415371	319W-276-12	LK-BT	476517
31855	SKF	455336	319W-112-14	LK-BT	417298	319W22327	FMC	416865 <sup>2B</sup>	319W27613	FMC	476518
3186	TIMKE	3186	319W-112-2	LK-BT	457874	319W-223-27	LK-BT	416865 <sup>2B</sup>	319W-276-3	LK-BT	472239
3186540	AMC	8549S	319W-112-20	LK-BT	455584	319W22360	FMC	416107 <sup>2B</sup>	319W-276-4	LK-BT	471379
318675C91	IH	410308 <sup>2B</sup>	319W-112-5	LK-BT	417562	319W22412	FMC	417362 <sup>2B</sup>	319W-276-5	LK-BT	476510
318675C91	IH	450308	319W-112-8	LK-BT	417563	319W22442	FMC	416229	319W2766	FMC	476512
318678C91	IH	475095N	319W-171-12	LK-BT	476517	319W22452	FMC	416239 <sup>2B</sup>	319W-276-8	LK-BT	476511
31870	C-R	6358	319W-171-4	LK-BT	471379	319W-224-52	LK-BT	416239 <sup>2B</sup>	319W2769	FMC	476514
31870	SKF	6358	319W-171-5	LK-BT	476510	319W22726	FMC	453165	319W-34-40	LK-BT	417492
31881	CHECK	416738 <sup>2B</sup>	319W-171-7	LK-BT	476511	319W22726	FMC	471619 <sup>2B</sup>	319W-34-5	LK-BT	416654 <sup>2B</sup>
31881	CHECK	450096	319W17537	FMC	415449 <sup>2B</sup>	319W-227-26	LK-BT	453165	319W-34-5	LK-BT	455012
31897	C-R	710477	319W17625	FMC	455026	319W-227-26	LK-BT	471619 <sup>2B</sup>	319W-35	LK-BT	415041
31897	SKF	710477	319W21446	FMC	471567 <sup>2B</sup>	319W22822	FMC	471818	319W35510	FMC	471571
318987C91	IH	475095N	319W-214-46	LK-BT	471567 <sup>2B</sup>	319W-228-22	LK-BT	471818	319W35514	FMC	415317
3190	CR-CF	450025	319W-215-19	LK-BT	471649 <sup>2B</sup>	319W-229-7	LK-BT	473214 <sup>2B</sup>	319W-355-14	LK-BT	415317
3190	CR-CF	471553 <sup>2B</sup>	319W21531	FMC	471692 <sup>2B</sup>	319W22971	FMC	473440 <sup>2B</sup>	319W35515	FMC	415124
319026C11	IH	722250	319W21624	FMC	471192	319W-229-71	LK-BT	473440 <sup>2B</sup>	319W3553	FMC	415645 <sup>2B</sup>
319039	ALLCH	473458	319W21624	LK-BT	471192	319W22980	FMC	471958	319W3556	FMC	416167 <sup>2B</sup>
319130K	IH	450094	319W2175	FMC	473229 <sup>2B</sup>	319W23013	FMC	471316	319W3557	FMC	416476 <sup>2B</sup>
319130K	IH	473462	319W21767	FMC	470334 <sup>2B</sup>	319W23033	FMC	471419	319W3558	FMC	455406 <sup>2B</sup>
31916	NEWPR	710771	319W-217-67	LK-BT	470334 <sup>2B</sup>	319W23033	FMC	473367 <sup>2B</sup>	319W3611	FMC	451583 <sup>2B</sup>
31917625	FMC	455026	319W21875	FMC	472016 <sup>2B</sup>	319W-230-33	LK-BT	471419	31A9426	DALMO	472354 <sup>2B</sup>
31917665	FMC	415836	319W-218-75	LK-BT	410312N	319W-230-33	LK-BT	473367	31A9426	DALMO	50395S
31917665	FMC	415995 <sup>2B</sup>	319W21919	FMC	471272 <sup>2B</sup>	319W2304	FMC	472299	31D3639	BENDI	340797
31922	CONTI	416738 <sup>2B</sup>	319W-219-19	LK-BT	410520	319W-230-4	LK-BT	472299	31TA154	OSHKO	471887
31922	CONTI	450096	319W-219-19	LK-BT	471272 <sup>2B</sup>	319W23144	FMC	473240 <sup>2B</sup>	31TA397	OSHKO	471341 <sup>2B</sup>
31922	FAIRB	416738 <sup>2B</sup>	319W21955	FMC	415449 <sup>2B</sup>	319W-231-44	LK-BT	413248	31X10977	JOHND	340356
31922	FAIRB	450096	319W-219-55	LK-BT	415147	319W2319	FMC	472185 <sup>2B</sup>	31X12575A	JOHND	416339
3192K	FORD	450095	319W-219-55	LK-BT	415449 <sup>2B</sup>	319W-231-9	LK-BT	472185 <sup>2B</sup>	31X12584A	JOHND	415064
3192K	FORD	473464 <sup>2B</sup>	319W21962	FMC	415098N	319W23235	FMC	472016 <sup>2B</sup>	31X17484A	JOHND	455576 <sup>2B</sup>
319306	WHITE	240151	319W-219-62	LK-BT	415098N	319W-232-35	LK-BT	472016 <sup>2B</sup>	31X44X8SC	TRSCM	31X44X8
3193613	AMC	710447	319W2201	FMC	416664 <sup>2B</sup>	319W23238	FMC	416267 <sup>2B</sup>	31X44X8TC	TRSCM	31X44X8
319413	ACF	413246	319W-220-14	LK-BT	416921 <sup>2B</sup>	319W-232-38	LK-BT	416267 <sup>2B</sup>	32006	CHERY	472144 <sup>2B</sup>
319413	ACF	413246N	319W22032	FMC	416011	319W-232-47	LK-BT	472018	32006	GARLK	471424 <sup>2B</sup>
319413	H-S	413246	319W22032	FMC	417621 <sup>2B</sup>	319W23261	FMC	471138 <sup>2B</sup>	32006248	SAAB	710463
319413	H-S	413246N	319W-220-32	LK-BT	416011	319W-232-61	LK-BT	471138 <sup>2B</sup>	32006249	SAAB	710464
3194171	AMC	321460	319W-220-32	LK-BT	417621 <sup>2B</sup>	319W-232-62	LK-BT	450316	32006250	SAAB	710529
3194827	AMC	321460	319W22033	FMC	416288 <sup>2B</sup>	319W-232-62	LK-BT	472636 <sup>2B</sup>	32006251	SAAB	225005
3195	TIMKE	3195	319W22033	LK-BT	416288 <sup>2B</sup>	319W23263	FMC	450316	32006252	SAAB	710226
319506C1	IH	370124A	319W22140	FMC	415146 <sup>2B</sup>	319W23263	FMC	472636 <sup>2B</sup>	3200636	AMC	480821 <sup>2B</sup>
319506C92	IH	370124A	319W22140	FMC	415991	319W23310	FMC	471887	320084	H-S	450316
319527172	FMC	417357	319W-221-40	LK-BT	415146 <sup>2B</sup>	319W23311	FMC	415371	320084	H-S	472636 <sup>2B</sup>
319527172	FMC	455192 <sup>2B</sup>	319W-221-40	LK-BT	415991	319W2332	FMC	470565 <sup>2B</sup>	32 00 8451	SAAB	710235
31955	C-R	455022 <sup>29</sup>	319W22152	FMC	416047	319W-233-2	LK-BT	470565 <sup>2B</sup>	3200A104	MITSU	710173
31955	SKF	455022	319W22152	FMC	416332 <sup>2B</sup>	319W23321	FMC	415001 <sup>2B</sup>	320-2009	STEM	370057A
31960	HYST	470064	319W-221-52	LK-BT	416557	319W-233-21	LK-BT	415001 <sup>2B</sup>	3202034	GMC	470045
31960	HYST	471821 <sup>2B</sup>	319W22153	FMC	415937 <sup>2B</sup>	319W23339	FMC	415458 <sup>2B</sup>	3202034	GMC	476838 <sup>2B</sup>
31970	ACF	415991	319W-221-53	LK-BT	415937 <sup>2B</sup>	319W23339	FMC	475458	320-2034	STEM	370012A
31970	ACF	455146 <sup>2B</sup>	319W22170	FMC	416339	319W-233-39	LK-BT	415003	320-2039	STEM	370033A
31970	HYST	415991	319W-221-70	LK-BT	416339	319W-233-39	LK-BT	415458 <sup>2B</sup>	320211C91	IH	470737N
31970	HYST	455146 <sup>2B</sup>	319W22218	FMC	415034 <sup>2B</sup>	319W23356	FMC	417344 <sup>2B</sup>	3202170	AMC	8773S
319785	WHITE	41075S	319W-222-18	LK-BT	415034 <sup>2B</sup>	319W-233-56	LK-BT	417344 <sup>2B</sup>	32022006	TROS	5924

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
32023	GARLK	472492 <sup>28</sup>	3210522	GMC	455005	321442	NATL	471442 <sup>28</sup>	32213-M8000	NISSA	222540
3202406	GMC	450194	321055	H-S	471747 <sup>28</sup>	321460	TIMKE	321460	3221709	GMC	473460
3202406	GMC	473010	321055	H-S	472674	321-501-641	AUDI	1962	32218	GARLK	413469 <sup>28</sup>
320249	TIMKE	320249	3211035	C-W	416229	321-501-641	VW	1962	32219-Z5003	NISSA	223230
320259	TIMKE	320259	3211035	WOOL	416229	321-501-641A	AUDI	1962	322228	H-S	472179
3202615	EUCLD	470027	321109BG	NATL	224045	321-501-641A	VW	1962	322240	NATL	476838 <sup>28</sup>
3202615	EUCLD	471554 <sup>28</sup>	3211172	GMC	470120	321-501-641B	AUDI	1962	3222550	AMC	7687S
3202615	GMC	470027	3211172	GMC	471224 <sup>28</sup>	321-501-641B	VW	1962	322309	WOOL	415991
3202615	GMC	471554 <sup>28</sup>	32113-01B00	NISSA	222030	321-501-641C	AUDI	1962	322309	WOOL	455146 <sup>28</sup>
3202618	AMC	2287	32113-03E00	NISSA	710119	321-501-641C	VW	1962	3223363	AMC	5121
320265	GMC	470027	32113-13200	NISSA	222430	321-501-641E	AUDI	1962	322375	H-S	417316 <sup>28</sup>
320265	GMC	471554 <sup>28</sup>	32113-86400	NISSA	222820	321-501-641E	VW	1962	322375	H-S	455004
320-2711	STEM	370182A	32113-86401	NISSA	222820	321516	TIMKE	321516	3223795	WHITE	472636 <sup>28</sup>
320331	H-S	471137	32113-8H500	NISSA	222742	3215360	GMC	471264 <sup>28</sup>	322422	WHITE	470050
3203459	AMC	340151	32113-EA00A	NISSA	1981	321545R91	IH	473239 <sup>28</sup>	322424C91	IH	470565 <sup>28</sup>
320348	TIMKE	320348	32113-H3100	NISSA	222430	321546R91	IH	417343 <sup>28</sup>	32243	C-R	228015
32035	GARLK	472924 <sup>28</sup>	32113-M8000	NISSA	710316	32159	GARLK	473204	32243	SKF	228015
3203640	GMC	415023	32113-M8001	NISSA	222540	321593	H-S	471255 <sup>28</sup>	3224704	AMC	321460
320384	H-S	470645	32113-Y4000	NISSA	1981	321606	H-S	350156	322475	MICH	417501
32042	GARLK	471351 <sup>28</sup>	32114-20100	NISSA	1981	321606	H-S	473096	322475	UNIVE	417501
320449	UNIVE	415389 <sup>29</sup>	32114-Y4000	NISSA	1981	321643	NATL	471643 <sup>28</sup>	322499	UNIVE	55030 <sup>29</sup>
3204510	AMC	340356	32115-C0400	HINO	225875	321649	NATL	471649 <sup>28</sup>	322500	MICH	55030
320457	TIMKE	320457	32115-C0400	NISSA	225875	32166	HYST	416239 <sup>28</sup>	322674	CATER	471833
320462	UNIVE	416047	321167R92	IH	415991 <sup>28</sup>	32167	JOHND	204017	322681C91	IH	450389
320462	UNIVE	416332 <sup>28</sup>	321167R92	IH	415991N	32169	LEECE	40157S	3227	TIMKE	4950
320463	MICH	416047	3211759	GMC	471787 <sup>28</sup>	32171	GARLK	470898	3228	AT-PL	473463
320463	MICH	416332 <sup>28</sup>	321195	NATL	471195 <sup>28</sup>	3217590	GMC	455019 <sup>28</sup>	3-228	TW-CO	417507 <sup>28</sup>
320475	MICH	415937 <sup>28</sup>	321195	NATL	481195	3217634	GMC	416339	3-228	TW-CO	455513
320475	UNIVE	415937 <sup>28</sup>	321224	NATL	471224 <sup>28</sup>	3217634	GMC	455031 <sup>28</sup>	32283	C-R	40375
320487	UNIVE	417355 <sup>28</sup>	321237	H-S	473215 <sup>28</sup>	3217873	GMC	416125 <sup>28</sup>	32283	SKF	40375
320488	MICH	417355 <sup>28</sup>	3212529	GMC	450593 <sup>28</sup>	3217874	GMC	470062	3228401R91	IH	2260
320499	UNIVE	416125 <sup>28,29</sup>	321264	NATL	471264 <sup>28</sup>	3217874	GMC	474264	3228457R1	IH	325776
320500	MICH	416125 <sup>28</sup>	321267R91	IH	415991 <sup>28</sup>	32180	WAYNE	450352	32285	C-R	82X105X13
3205000	GMC	411253 <sup>28</sup>	321267R91	IH	415991N	32180	WAYNE	472164 <sup>28</sup>	32285	SKF	82X105X13
3205000	GMC	450099	321267R92	IH	415991 <sup>28</sup>	32185	HYST	473236 <sup>28</sup>	322862	JAC	450039
3205298	WILYS	470954 <sup>28</sup>	321267R92	IH	415991N	321852	WHITE	470163	32288	HYST	417509
3205331	AMC	5111S	321282R91	IH	470351	321852	WHITE	471766 <sup>28</sup>	32289	C-R	320691
3205502	GMC	471801 <sup>28</sup>	321298	JAC	470120	32185A	JOHND	200110	32289	SKF	320691
32056	GARLK	472397 <sup>28</sup>	321298	JAC	471224 <sup>28</sup>	32186	GARLK	472015 <sup>28</sup>	32290	C-R	228009
320563	NATL	2025	3212984	GMC	450043	32186	HYST	473236 <sup>28</sup>	32290	SKF	228009
320564	TIMKE	320564	3212984	GMC	473419	3218686	GMC	415960	32298	SPICE	471646 <sup>28</sup>
320583	TIMKE	320583	3213601	GMC	471354 <sup>28</sup>	3218686	GMC	455009	3229964	GMC	417486
320595	TIMKE	320595	32136-01G00	NISSA	224215	3218769	GMC	470059	3230	C-R	50445
320-6017	STEM	370036A	32136-01G10	NISSA	224215	3218769	GMC	470380 <sup>28</sup>	3230	SKF	50445
320-6017	STEM	370349A	32136-01J00	NISSA	224464	32189	LEECE	471192	32302	C-R	228480
320-6017	STEM	380036A	32136-07200	NISSA	710324	3219176	GMC	417316 <sup>28</sup>	32302	SKF	228480
320603	TIMKE	320603	32136-18000	NISSA	1981	3219176	GMC	455004	32303	GARLK	471272 <sup>28</sup>
3206237	GMC	450094	32136-90007	NISSA	227020	32195	GARLK	410308 <sup>28</sup>	323039	H-S	417357
3206237	GMC	473462	32136-E0100	NISSA	710324	32195	GARLK	473468	323039	H-S	455192 <sup>28</sup>
3206864	GMC	471472 <sup>28</sup>	32136-J2000	NISSA	224045	32195	LEECE	473016 <sup>28</sup>	32304	C-R	228480
320691	TIMKE	320691	32136-J6500	NISSA	224045	32198	GARLK	472016 <sup>28</sup>	32304	SKF	228480
32071	GARLK	473242	32136-O7200	NISSA	3771	3219S	GIB	450117	3230430	AMC	8429S
32077	ROSS	323138 <sup>28</sup>	32136-U0100	NISSA	710324	3219S	GIB	472572 <sup>28</sup>	3231	PEERC	450083
3208474	AMC	470331N	32136-V0100	NISSA	3771	321VB7	MARI	417210 <sup>28</sup>	3231	PEERC	472924 <sup>28</sup>
320942	H-S	471192	32136-Z5000	NISSA	225875	32205	HYST	472012	323112	NATL	410085
320C21606	TROS	44052	32136-Z5002	NISSA	225875	32210	GARLK	473243	323112	NATL	470530 <sup>28</sup>
320JX216	MACK	415938	321389	NATL	470954 <sup>28</sup>	3221338	GMC	470712 <sup>28</sup>	3231145	GMC	471192
3210	TIMKE	3210	3214	TIMKE	3214	3221339	GMC	473225 <sup>28</sup>	323119	TIMKE	323119
3210521	GMC	417316 <sup>28</sup>	321417N	TIMKE	321417N	3221342	GMC	416738 <sup>28</sup>	32312407.5	TROS	450492
3210521	GMC	455004	3214224	NATL	471224 <sup>28</sup>	3221342	GMC	450096	323125	TIMKE	323125

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
323133	TIMKE	323133	32385	SKF	416470N	32423207.5	TROS	470605 <sup>28</sup>	324731R91	IH	470380 <sup>28</sup>
323135	STUDE	410190	32392	C-R	411275V	32423208	TROS	470605 <sup>28</sup>	324732R91	IH	472185 <sup>28</sup>
323138	NATL	323138	32392	SKF	411275V	324234V	TIMKE	324234V	32474TA	TRSCM	415577
323138	TIMKE	323138	3239231R91	IH	415082N	32423TB	TRSCM	476470	32477	C-R	417352
323151	STUDE	450066	32393	C-R	476470	32424	C-R	417181 <sup>28</sup>	32477	C-R	418028 <sup>29</sup>
323151	STUDE	473367 <sup>28</sup>	32393	SKF	476470	32424	SKF	417181	32477	SKF	417352
32316008	TROS	450965	32394	C-R	476470 <sup>29</sup>	32424008	TROS	413248	32477	SKF	418028
32317	GARLK	471138 <sup>28</sup>	32394	SKF	476470	324241	WHITE	471570 <sup>28</sup>	324808XX	TIMKE	32X48X8
323191	NATL	417316 <sup>28</sup>	32395	C-R	415304	32424TA	TRSCM	415304	324867	H-S	470120
32320807.5	TROS	413469 <sup>28</sup>	32395	C-R	476470 <sup>29</sup>	324267	WHITE	472394	324867	H-S	471224 <sup>28</sup>
32321207.5	TROS	412943	32395	C-R	476470V	3242D	GOODM	417357	3249244	GMC	450083
32321607.5	TROS	411253 <sup>28</sup>	32395	FBG	100944	3242D	GOODM	455192 <sup>28</sup>	3249244	GMC	472924 <sup>28</sup>
32321607.5	TROS	450099	32395	SKF	415304	3243	PEERC	450115	324960	Y-T	410825
32321608	TROS	411253 <sup>28</sup>	32395	SKF	476470	3243	PEERC	473467 <sup>28</sup>	324A23206	TROS	472397 <sup>28</sup>
32321608	TROS	450099	32395	SKF	476470V	32434	GARLK	413246	324G	OSHKO	455018
32322007.5	TROS	410694 <sup>28</sup>	32396	C-R	476470	32434	GARLK	413246N	324G	OSHKO	476470
32322404	TROS	40101S	32396	SKF	476470	324341C91	IH	100495	32500	C-R	100494
32322407.5	TROS	412119 <sup>28</sup>	32397	C-R	476470 <sup>28</sup>	324341C91	IH	415281N	32500	SKF	100494
32322407.5	TROS	450101	32397	SKF	476470	324342R91	IH	350156	325008A	HARWA	32X50X8
32322409.5	TROS	410101N	3240086	AMC	9912	324342R91	IH	473096	325008XX	TIMKE	32X50X8
32322412	TROS	412119 <sup>28</sup>	324014R91	IH	471224 <sup>28</sup>	32437	C-R	200870	32501	C-R	418028 <sup>29</sup>
32323207.5	TROS	410496 <sup>28</sup>	32403	C-R	411275V	32437	SKF	200870	32501	C-R	455137 <sup>28</sup>
32324007.5	TROS	412871 <sup>28</sup>	32403	SKF	411275V	324373R91	IH	472397 <sup>28</sup>	32501	SKF	418028
32324007.5	TROS	450329	324043R91	IH	416888 <sup>28</sup>	324394	H-S	470219	32501	SKF	455137
32329	GARLK	472636 <sup>28</sup>	32404TA	TRSCM	415563	324394	H-S	471649 <sup>28</sup>	3250132	AMC	710331
3232A	HERCU	455189	32404TA	TRSCM	455566	324395	H-S	471652	32502	C-R	418028 <sup>29</sup>
32330	C-R	710180	3240D	GOODM	416339	3243D	GOODM	416130 <sup>28</sup>	32502	SKF	418028
32330	SKF	710180	3240D	GOODM	455031 <sup>28</sup>	32441	C-R	7208S	3250259	AMC	3476
32332	C-R	710180	3241	FMS	223010	32441	SKF	7208S	32503	C-R	100557
32332	SKF	710180	32410	C-R	100494	32446	GARLK	413247 <sup>28</sup>	32503	SKF	100557
3233871	GMC	470163	32410	C-R	416470N	324475	MICH	415379 <sup>28</sup>	32504TA	TRSCM	417352
3233871	GMC	471766 <sup>28</sup>	32410	SKF	100494	324475	MICH	455379	3250632	IH	471267 <sup>28</sup>
32341	GARLK	412920 <sup>28</sup>	32410	SKF	416470N	324475	UNIVE	415379 <sup>28</sup>	3250733	AMC	3553
32342	C-R	228480	32411117621	BMW	20X42X7	324475	UNIVE	455379	3251309	GMC	415995 <sup>28</sup>
32342	SKF	228480	32411127886	BMW	7013S	32448	C-R	417352	3251309	GMC	455013
32344	C-R	415563	32411128589	BMW	7013S	32448	C-R	418028 <sup>29</sup>	325.155	ELRNG	3476
32344	C-R	417433 <sup>29</sup>	324118	WHITE	417484N	32448	SKF	417352	32519	C-R	370018A
32344	SKF	415563	324118	WHITE	455322	32448	SKF	418028	32519	C-R	370047A
32344	SKF	417433	32412	C-R	476470	324487	UNIVE	417205 <sup>28</sup>	32519	SKF	370018A
323562C91	IH	415147N	32412	SKF	476470	324488	MICH	417205 <sup>28</sup>	32519	SKF	370047A
32358	KINGN	470045	324120R91	IH	415304	32449	C-R	370018A	325207XX	TIMKE	32X52X7
32358	KINGN	476838 <sup>28</sup>	324120R91	IH	476470 <sup>28</sup>	32449	SKF	370018A	325210	FAIRB	411394 <sup>28</sup>
3235929	AMC	473228 <sup>28</sup>	32414810	TROS	210945	324499	UNIVE	416339	325210	FAIRB	450317
3235929	AMC	481837	324155	WHITE	415995 <sup>28</sup>	324499	UNIVE	455031 <sup>28</sup>	32526	HU-WR	473245 <sup>28</sup>
32362	C-R	455566	324155	WHITE	455013	3244E	GOODM	415036	32527	C-R	6584S
32362	GARLK	415259 <sup>28</sup>	3241669	AMC	3698	324500	MICH	416339	32527	SKF	6584S
32362	SKF	455566	324189	H-S	50081	324500	MICH	455031 <sup>28</sup>	32528K	FAIRB	450316
3236560	JEEP	470331N	32420007.5	TROS	410102	324507XX	TIMKE	32X45X7	32528K	FAIRB	472636 <sup>28</sup>
3237134	GMC	415937 <sup>28</sup>	324204	TIMKE	324204	324525	MICH	415150 <sup>28</sup>	32533	DIVCO	474278 <sup>28</sup>
323777	STUDE	5976S	324207XX	TIMKE	32X42X7	324606XX	TIMKE	32X46X6	32533	DIVCO	480356
32380	C-R	100494	324208XX	TIMKE	32X42X8	32461	GARLK	416271 <sup>28</sup>	32536	GARLK	471271 <sup>28</sup>
32380	C-R	416470N	32421607.5	TROS	412920 <sup>28</sup>	324631	SPICE	473215 <sup>28</sup>	32536	GR-DV	473245 <sup>28</sup>
32380	SKF	100494	32421607.5	TROS	450132	324634	SPICE	415449 <sup>28</sup>	325369	H-S	470120
32380	SKF	416470N	32421611	TROS	412920 <sup>28</sup>	324634	SPICE	455147	325369	H-S	471224 <sup>28</sup>
32380D	IH	412473 <sup>28</sup>	32422	GARLK	470565 <sup>28</sup>	3246D	GOODM	415041	32538	GOODM	450316
32380D	IH	415894	32422007.5	TROS	450133	32470	C-R	370018A	32538	GOODM	472636 <sup>28</sup>
3238137	AMC	3942	32422404	TROS	413247 <sup>28</sup>	32470	HYST	417492	32540	C-R	417353 <sup>28</sup>
32385	C-R	100494	32422407.5	TROS	413247 <sup>28</sup>	32470	SKF	370018A	32540	SKF	417353
32385	C-R	416470N	32422407.5	TROS	450350	324707XX	TIMKE	32X47X7	325410XX	TIMKE	32X54X10
32385	SKF	100494	32423205	TROS	470605 <sup>28</sup>	324729R91	IH	417267	325421	SPICE	5131

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
325472	JAC	471267 <sup>28</sup>	32676	GARLK	417158 <sup>28</sup>	328220	TORO	410059	32QJ140	MACK	370033A
32548	GARLK	470605 <sup>28</sup>	32683	GARLK	416664 <sup>28</sup>	328220	TORO	470380 <sup>28</sup>	32QJ-156	MACK	370020A
325485	JAC	472475	326871	JAC	350823	32822B	HYST	55301S	32QJ-158-	MACK	370048A
32551	GARLK	415449 <sup>28</sup>	326871	JAC	473454	328475	MICH	417210 <sup>28</sup>	32QJ-158-	MACK	370182A
32557	GARLK	415449 <sup>28</sup>	326877	Y-T	455462	328475	UNIVE	417210 <sup>28</sup>	32QJ-158-	MACK	380048A
32560	C-R	456305 <sup>29</sup>	326964	ACF	471646 <sup>28</sup>	328487	UNIVE	417211 <sup>28</sup>	32QJ-160	MACK	370048A
32560	SKF	456305	326964	H-S	471646 <sup>28</sup>	328488	MICH	417211 <sup>28</sup>	32QJ-160	MACK	370182A
32560F	DIA	471570 <sup>28</sup>	32698	GARLK	415984 <sup>28</sup>	328499	UNIVE	416345 <sup>28</sup>	32QJ-160	MACK	380048A
325610XX	TIMKE	32X56X10	326PKG	TIMKE	326PKG	328499	UNIVE	455033	32QJ-161	MACK	370033A
32563	GARLK	415449 <sup>28</sup>	326R	TIMKE	326PKG	328500	MICH	416345 <sup>28</sup>	32QJ-164	MACK	370023A
325668	H-S	472287 <sup>28</sup>	327026	H-S	471442 <sup>28</sup>	328500	MICH	455033	32QJ-164	MACK	380023A
32569	GARLK	416273	32710	GARLK	417316 <sup>28</sup>	328512	UNIVE	415697 <sup>28</sup>	32QJ-165	MACK	370036A
325776	TIMKE	325776	32712	WAYNE	450044	328512	UNIVE	455547	32QJ-165	MACK	370349A
325808XX	TIMKE	32X58X8	32712M	IH	473426	328525	MICH	417366 <sup>28</sup>	32QJ-165	MACK	380036A
32582	C-R	415023 <sup>29</sup>	327134R91	IH	473228 <sup>28</sup>	328525	UNIVE	417366 <sup>28</sup>	32QJ-175	MACK	370006A
32582	SKF	415023	32715	C-R	228250	32870	C-R	100557	32QJ-179	MACK	370003A
32583	C-R	415023 <sup>29</sup>	32715	SKF	228250	32870	SKF	100557	32QJ-179	MACK	380003A
32583	SKF	415023	32719	GARLK	415960	32875	HYST	412040	32QJ-19301	MACK	370001A
325836	NATL	415836	327215	TIMKE	327215	3287542-9	VOLVO	716102	32QJ-19301	MACK	380001A
325836	NATL	415995 <sup>28</sup>	327228R91	IH	416888 <sup>28</sup>	328B21604	TROS	41075S	32QJ-19302	MACK	370007A
325905	NATL	415001 <sup>28</sup>	327229R91	IH	455480 <sup>28</sup>	328PKG	TIMKE	328PKG	32QJ-19303	MACK	370001A
325954	WHITE	470548	327230R91	IH	455480 <sup>28</sup>	328R	TIMKE	328PKG	32QJ-19303	MACK	380001A
325954	WHITE	470625 <sup>28</sup>	327245	WHITE	410312N	3292	TIMKE	3292	32QJ-19320	MACK	370001A
32597	C-R	455328	327267	WHITE	472394	329313C91	IH	470682	32QJ-19320	MACK	380001A
32597	SKF	455328	327.298	ELRNG	710714	329551	SPICE	6808N	32QJ-19321	MACK	370001A
325988	WHITE	473313	327303	NATL	327303	32968	HYST	413247 <sup>28</sup>	32QJ-19321	MACK	380001A
325PKG	TIMKE	325PKG	327303	TIMKE	327303	32968	HYST	450350	32QJ-19322	MACK	370007A
325R	TIMKE	325PKG	327305	NATL	415725 <sup>28</sup>	32969	HYST	415371	32QJ-19325	MACK	370003A
325W425	CONE	5169	327321R91	IH	470712 <sup>28</sup>	32982	SPICE	6808N	32QJ-19325	MACK	380003A
326008XX	TIMKE	32X60X8	327364R91	IH	240319	329J-225	MACK	370033A	32QJ-19326	MACK	370030A
32602	WAYNE	450540	327380R91	IH	416865 <sup>28</sup>	329PKG	TIMKE	329PKG	32QJ-19327	MACK	370001A
32603	WAYNE	455321	327381R91	IH	415551	329R	TIMKE	329PKG	32QJ-19327	MACK	380001A
32617	GARLK	413248	32739	NEWPR	710683	329F-259	MACK	370001A	32QJ-19329	MACK	370023A
326208XX	TIMKE	32X62X8	32740	WAYNE	5751	329F-259	MACK	380001A	32QJ-19329	MACK	380023A
3262537	GMC	411376 <sup>28</sup>	327535	ALLCH	240013	32QJ-00127A	MACK	370003A	32QJ-19336	MACK	370003A
3262537	GMC	455093	327615	WHITE	473215 <sup>28</sup>	32QJ-00127A	MACK	380003A	32QJ-19336	MACK	380003A
3262538	GMC	416921 <sup>28</sup>	32770	GARLK	415303 <sup>28</sup>	32QJ110	MACK	417492	32QJ-19337	MACK	370022A
3262538	GMC	455011	3277551	GMC	415035 <sup>28</sup>	32QJ111C	MACK	370014A	32QJ-19337	MACK	380022A
326283C91	IH	6635S	3277551	GMC	455035	32QJ112B	MACK	370019A	32QJ-19340	MACK	370001A
32632	GARLK	415483	32782	GARLK	417344 <sup>28</sup>	32QJ115A	MACK	370011A	32QJ-19340	MACK	380001A
32635	US-EL	415302	32788A	KINGN	240731	32QJ116B	MACK	370014A	32QJ-19347	MACK	370007A
326370	HYST	470403	32791	GARLK	417158 <sup>28</sup>	32QJ118A	MACK	370022A	32QJ-19353	MACK	370003A
326370	HYST	470774 <sup>28</sup>	327936H	NATL	227045	32QJ118A	MACK	380022A	32QJ-19353	MACK	380003A
32644	GARLK	415458 <sup>28</sup>	327995	TIMKE	4307V	32QJ119	MACK	370033A	32QJ-19354	MACK	370003A
326487	UNIVE	417504	327M5	WHITE	450066	32QJ120	MACK	370011A	32QJ-19354	MACK	380003A
326488	MICH	417504	327M5	WHITE	473367 <sup>28</sup>	32QJ121A	MACK	370011A	32QJ-19355	MACK	370003A
326499	UNIVE	455032 <sup>28,29</sup>	327PKG	TIMKE	327PKG	32QJ122A	MACK	370011A	32QJ-19355	MACK	380003A
326500	MICH	455032 <sup>28</sup>	327R	TIMKE	327PKG	32QJ127A	MACK	370003A	32QJ-19366	MACK	370001A
326525	MICH	455189	328062	JAC	470163	32QJ127A	MACK	380003A	32QJ-19366	MACK	380001A
326525	UNIVE	455189 <sup>29</sup>	328062	JAC	471766 <sup>28</sup>	32QJ130A	MACK	370007A	32QJ-19369	MACK	370023A
32656	GARLK	417343 <sup>28</sup>	32812	GARLK	416921 <sup>28</sup>	32QJ-131-A	MACK	370048A	32QJ-19369	MACK	380023A
326594	H-S	417205 <sup>28</sup>	3281204	GMC	471570 <sup>28</sup>	32QJ-131-A	MACK	370182A	32QJ-19371	MACK	370001A
326601	GMC	1174	32815	C-R	455500 <sup>28</sup>	32QJ-131-A	MACK	380048A	32QJ-19371	MACK	380001A
326645	JAC	471268N	32815	C-R	475500	32QJ132A	MACK	370048A	32QJ-19373	MACK	370003A
3266644	VOLVO	710619	32815	SKF	455500	32QJ132A	MACK	370182A	32QJ-19373	MACK	380003A
32669	DIVCO	240356	32815	SKF	475500	32QJ132A	MACK	380048A	32QJ-19374	MACK	370023A
3267	PEERC	410496 <sup>28</sup>	3282	PEERC	417344 <sup>28</sup>	32QJ-133A	MACK	370033A	32QJ-19374	MACK	380023A
326703R91	IH	471835 <sup>28</sup>	3282	PEERC	455006	32QJ135A	MACK	370031A	32QJ-19376	MACK	370048A
3267244	VOLVO	228009	32820804	TROS	6380	32QJ135A	MACK	380031A	32QJ-19376	MACK	370182A
3267244-6	VOLVO	228009	32822	HYST	55301S	32QJ136A	MACK	370030A	32QJ-19376	MACK	380048A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
32QJ-19377	MACK	370006A	32X45X7	TIMKE	32X45X7	330499	UNIVE	415034 <sup>28</sup>	33121202126	BMW	239146
32QJ-19378	MACK	370006A	32X45X7SC	TRSCM	32X45X7	330499	UNIVE	455034	33121202462	BMW	473823
32QJ-225	MACK	370033A	32X45X7TC	TRSCM	32X45X7	330500	MICH	415034 <sup>28</sup>	33-12-1-204-847	BMW	225050
32QJ-226	MACK	370048A	32X46X6SC	TRSCM	32X46X6 <sup>28</sup>	330500	MICH	455034	33-12-1-212-197	BMW	225050
32QJ-226	MACK	370182A	32X46X6TC	TRSCM	32X46X6 <sup>28</sup>	330525	MICH	455191 <sup>29</sup>	33121212461	BMW	1979
32QJ-226	MACK	380048A	32X47X7	NATL	3476	330525	UNIVE	455191 <sup>29</sup>	33121212464	BMW	1992
32QJ228	MACK	370007A	32X47X7	TIMKE	32X47X7	330532	HYST	456967V <sup>28</sup>	33-12-1-213-949	BMW	225050
32QJ-233	MACK	370031A	32X47X7SC	TRSCM	32X47X7 <sup>28</sup>	33065	C-R	228411	33121214080	BMW	1992
32QJ-233	MACK	380031A	32X47X7TC	TRSCM	32X47X7 <sup>28</sup>	33065	SKF	228411	33121608	TROS	455136
32QJ-235	MACK	370065A	32X48X8	TIMKE	32X48X8	330663	TIMKE	330663	3312226	CLARK	9613S
32QJ-235	MACK	380065A	32X48X8SC	TRSCM	32X48X8 <sup>28</sup>	330699	TIMKE	330699	331224	WAGMA	417344 <sup>28</sup>
32QJ-237	MACK	370003A	32X48X8TC	TRSCM	32X48X8 <sup>28</sup>	33073	C-R	416292 <sup>29</sup>	33122407	TROS	410987 <sup>28</sup>
32QJ-237	MACK	380003A	32X50X8	FORSH	32X50X8	33073	SKF	416292	33122408	TROS	410686N
32QJ238	MACK	370014A	32X50X8	NATL	710415	330.736	ELRNG	710824	331227H	TIMKE	331227H
32QJ238A	MACK	370014A	32X50X8	SIMRT	32X50X8	330749V	TIMKE	330749V	33122808	TROS	450104
32QJ240	MACK	370069A	32X50X8	TIMKE	32X50X8	3308001	BEHLN	471538 <sup>28</sup>	331228H	TIMKE	331228H
32QJ240	MACK	380069A	32X50X8SC	TRSCM	32X50X8	3308008	BEHLN	350909	33123004336	BMW	223010
32QJ-241	MACK	370022A	32X50X8TC	TRSCM	32X50X8	3308008	BEHLN	471224 <sup>28</sup>	33123004337	BMW	223010
32QJ-241	MACK	380022A	32X51176A	JOHND	471442 <sup>28</sup>	330810	WAGMA	413248	33123608	TROS	413479
32QJ242	MACK	370019A	32X51176B	JOHND	471442 <sup>28</sup>	330931	WAGNR	416362	33123608C	TROS	411330N
32QJ-243	MACK	370031A	32X52X11TC	TRSCM	1167	3309507	GMC	417196 <sup>28</sup>	33123808	TROS	411330N
32QJ-243	MACK	380031A	32X52X7	TIMKE	32X52X7	330.959	ELRNG	3772	331301	AT SU	331301N
32QJ245	MACK	370048A	32X52X7SC	TRSCM	32X52X7 <sup>28</sup>	330.965	ELRNG	710580	331301N	TIMKE	331301N
32QJ245	MACK	370182A	32X52X7TC	TRSCM	32X52X7 <sup>28</sup>	330PKG	TIMKE	330PKG	33131206111	BMW	1012N
32QJ245	MACK	380048A	32X54X10	TIMKE	32X54X10	330R	TIMKE	330PKG	33136	C-R	415085 <sup>28</sup>
32QJ246	MACK	370002A	32X54X10SC	TRSCM	32X54X10	330-S550	UNIVE	417506	33136	C-R	456648
32QJ248	MACK	370033A	32X54X10TC	TRSCM	32X54X10	331007C91	IH	415991 <sup>28</sup>	33136	SKF	415085
32QJ249	MACK	370037A	32X56X10	TIMKE	32X56X10	331007C91	IH	415991N	33136	SKF	456648
32QJ249	MACK	370338A	32X56X10SC	TRSCM	32X56X10	3310206	PEERC	417344 <sup>28</sup>	3313904	GMC	450301
32QJ-250	MACK	370023A	32X56X10TC	TRSCM	32X56X10 <sup>28</sup>	3310206	PEERC	455006	3313904	GMC	472397 <sup>28</sup>
32QJ-250	MACK	380023A	32X60X8SC	TRSCM	32X60X8 <sup>28</sup>	331028	PEERC	450067	33140-05U00	NISSA	710723
32QJ252	MACK	370048A	32X60X8TC	TRSCM	32X60X8 <sup>28</sup>	331028	PEERC	473228	33140-1LA0A	NISSA	710744
32QJ252	MACK	380048A	32X62X8SC	TRSCM	32X62X8	33103	PEERC	417344 <sup>28</sup>	33140-33G02	NISSA	224266
32QJ266	SPICE	370003A	32X62X8TC	TRSCM	32X62X8	33103	PEERC	455006	33140-7S110	NISSA	710917
32QJ266	SPICE	380003A	33	BL-KN	471689 <sup>28</sup>	33104	GARLK	416011	33140-AT31A	NISSA	710723
32QJ-29301	MACK	370007A	330031	SPICE	476470	33104	GARLK	417621 <sup>28</sup>	33142-01J01	NISSA	710916
32QJ-29302	MACK	370001A	33004143	CHRYSLER	3698	33107	GEM	417267	33142-01J10	NISSA	710916
32QJ-29302	MACK	380001A	33004681	CHRYSLER	321460	33100S	JN-MN	450352	33142-10R00	NISSA	710121
32QJ-29304	MACK	370023A	33007	C-R	228411	33100S	JN-MN	472164 <sup>28</sup>	33142-10R01	NISSA	710121
32QJ-29304	MACK	380023A	33007	SKF	228411	3311035	WOOL	415074	33142-1KD0A	NISSA	225875
32QJ-29306	MACK	471272 <sup>28</sup>	33009	GARLK	417349 <sup>28</sup>	331107N	TIMKE	331107N	33142-27C00	NISSA	710723
32QJ-29316	MACK	370023A	330113	SPICE	6863S <sup>28</sup>	33111-01J00	NISSA	225040	33142-33G10	NISSA	224266
32QJ-29316	MACK	380023A	33017	HYST	411394 <sup>28</sup>	33111-02J10	NISSA	225040	33142-4N200	NISSA	710680
32QJ-29318	MACK	370022A	33017	HYST	450317	33111-06R00	NISSA	225210	33142-56E00	NISSA	710214
32QJ-29318	MACK	380022A	33018	GARLK	417350 <sup>28</sup>	33111-31G00	NISSA	225040	33143	GARLK	417171 <sup>28</sup>
32QJ-329	MACK	370023A	3302025	GMC	412473 <sup>28</sup>	33111-44000	NISSA	1992	331454SA	TRSCM	456648
32QJ-329	MACK	380023A	3302025	GMC	415894	33111-46G00	NISSA	225040	3314727	GMC	473211 <sup>28</sup>
32QJ-330	MACK	370019A	330-3077	STEM	357PKG	33111-56E00	NISSA	226018	3314728	GMC	471868
32X17610A	JOHND	J1121	33031	CHERY	472015 <sup>28</sup>	33111-7S110	NISSA	710696	331495	JAC	471413 <sup>28</sup>
32X21486A	JOHND	417343 <sup>28</sup>	33033	C-R	455500 <sup>29</sup>	33111-AA400	NISSA	710915	3315623	FULLE	710211
32X22376A	JOHND	417343 <sup>28</sup>	33033	GARLK	415836	33111-AD300	NISSA	225210	331572	JAC	470954 <sup>28</sup>
32X22480A	JOHND	471684 <sup>28</sup>	33033	GARLK	415995 <sup>28</sup>	33111-EN100	NISSA	710924	331572	JAC	480954
32X22480A	JOHND	471698	33033	SKF	455500	33111-JD60A	NISSA	225210	3315763	GMC	415219
32X22481A	JOHND	470590	33033	TIMKE	330385	33111-JD60B	NISSA	225210	3315821	GMC	472439
32X38693A	JOHND	417343 <sup>28</sup>	33033	SKF	455500	33111-ZD30A	NISSA	225040	33163	JOHND	481864
32X42X7	TIMKE	32X42X7	330385	TIMKE	330385	33114-06R00	NISSA	710120	3317031	GMC	417604
32X42X8	TIMKE	32X42X8	330414	NATL	472311 <sup>28</sup>	33114-06R00	NISSA	710918	331808C91	IH	471570 <sup>28</sup>
32X42X8SC	TRSCM	32X42X8 <sup>28</sup>	33042	GARLK	417351 <sup>28</sup>	33114-AD300	NISSA	710918	331810C91	IH	471827 <sup>28</sup>
32X42X8TC	TRSCM	32X42X8 <sup>28</sup>	330487	UNIVE	455186	33114-AD30A	NISSA	710918	331817	PEERC	450185
			330488	MICH	455186	33116	GARLK	416288 <sup>28</sup>	331817	PEERC	473229

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
33185-C6200	NISSA	221710	33224808	TROS	455364	3340RC	SUL	455034	33484	GARLK	415991 <sup>28</sup>
33187	GEM	474278 <sup>28</sup>	332271N	NATL	3945	3341	TIMKE	3341	33484	GARLK	415991N
33187	GEM	480356	332271N	TIMKE	3945	33411085077	BMW	224250	33489	SPICE	450444
3318749	GMC	417606	3323295	GMC	417487	33-41-1-100-559	BMW	226020	33489	SPICE	471835 <sup>28</sup>
3318750	GMC	417210 <sup>28</sup>	3323295	GMC	455014	33-41-1-100-599	BMW	226020	33499	GARLK	417196 <sup>28</sup>
331882H	TOWNR	6988H	33236	GARLK	417181 <sup>28</sup>	33-41-1-106-213	BMW	224235	334PKG	TIMKE	334PKG
331PKG	TIMKE	331PKG	3325179	GMC	415937 <sup>28</sup>	33-41-1-107-512	BMW	224250	334R	TIMKE	334PKG
331R	TIMKE	331PKG	33254	C-R	100557	33-41-1-108-408	BMW	224235	335012XX	TIMKE	33X50X12
3320	TLSMI	471538 <sup>28</sup>	33254	SKF	100557	33-41-1-119-138	BMW	224250	33511	GARLK	415437
332013	PEERC	470163	33261	TROS	450143	33412	C-R	716102	33516008	TROS	417474
332013	PEERC	471766 <sup>28</sup>	332671	WHITE	473228 <sup>28</sup>	33412	C-R	85X105X10	335164	JAC	471737
332018	PEERC	450067	33270A20	AM HO	415116	33412	SKF	716102	335196	GMC	3173
332018	PEERC	473228	33275	GARLK	417353 <sup>28</sup>	33412	SKF	85X105X10	335196	GMC	710928
33202	CUSH	472287 <sup>28</sup>	332860	Y-T	415076	33413	C-R	710617	33519959	NOK	135X160X13
33202E	CUSH	472287 <sup>28</sup>	332901C91	IH	473451 <sup>28</sup>	33413	SKF	710617	3351OS	JN-MN	450291
3320340	PEERC	471686	3329522	GMC	471192	33413404161	BMW	224235	3351OS	JN-MN	471141 <sup>28</sup>
33204	C-R	716102	332A23204	TROS	8975S	33413406111	BMW	1012N	335206XX	TIMKE	33X52X6
33204	SKF	716102	332A233X04.5	TROS	8975S	33-41-3-406-161	BMW	226020	33520808	TROS	415349
332040	PEERC	450194	332PKG	TIMKE	332PKG	33-41-3-406-161	BMW	60X80X8 <sup>28</sup>	335212	FAIRB	412119 <sup>28</sup>
332040	PEERC	473010	332R	TIMKE	332PKG	33413604181	BMW	224250	335212	FAIRB	450101
33206	C-R	415085 <sup>28,29</sup>	333009	WAGMA	410867N	33416	C-R	716102	335212	GR-DV	412119 <sup>28</sup>
33206	SKF	415085	3333	PEERC	415379 <sup>28</sup>	33416	SKF	716102	335212	GR-DV	450101
332062	TIMKE	332062	3333	PEERC	455379	3341D	GOODM	417511	335212K	SUL	412119 <sup>28</sup>
33209	NEWPR	4741	33346	GARLK	416294 <sup>28</sup>	3341RC	SUL	415645 <sup>28</sup>	335212K	SUL	450101
3321	SABO	710467	33352	VIC	473230 <sup>28</sup>	3341RC	SUL	455104	33522808	TROS	417073
332104	JAC	471649 <sup>28</sup>	33353	SPICE	473214 <sup>28</sup>	33425	C-R	228520	33523207.5	TROS	415001 <sup>28</sup>
33216-01J00	NISSA	710113	33353	VIC	473214 <sup>28</sup>	33425	C-R	85X110X10	33523207.5	TROS	455001
33216-05U00	NISSA	710772	333546	STUDE	471829	33425	C-R	85X110X12	33523208	TROS	415001 <sup>28</sup>
33216-33G00	NISSA	710113	33356-Z5001	NISSA	710316	33425	SKF	228520	33523208	TROS	455001
33216-33G01	NISSA	710113	333625	PEERC	471354 <sup>28</sup>	33425	SKF	85X110X10	33523208C	TROS	415001 <sup>28</sup>
33216-7S110	NISSA	710665	33364	GARLK	412473 <sup>28</sup>	33425	SKF	85X110X12	33523210	TROS	415001 <sup>28</sup>
33216-7S11C	NISSA	710665	33364	GARLK	415894	33427	C-R	228520	33524007.5	TROS	417079
33216-CG01A	NISSA	710772	333642	PEERC	470712 <sup>28</sup>	33427	C-R	85X110X12	33524808	TROS	417484N
33221	GARLK	476470	333745C11	MERIX	370023A	33427	SKF	228520	33524808	TROS	455322
3322107	GMC	473226	333745C11	MERIX	380023A	33427	SKF	85X110X12	33524810	TROS	417484N
33221608	TROS	411376 <sup>28</sup>	333745C11	ROCKW	370023A	33427	SKF	85X110X12	33524810	TROS	475322N
33221608	TROS	455093	333750R91	IH	415004	33429	C-R	228520	33528	FAIRB	411253 <sup>28</sup>
33221611.25	TROS	411376 <sup>28</sup>	333750R91	IH	417316 <sup>28</sup>	33429	C-R	85X110X12	33528	FAIRB	450099
33221611.25	TROS	455093	33379	GARLK	417191	33429	SKF	228520	33528	GR-DV	411253 <sup>28</sup>
332220135	TROS	416444	333794R91	IH	473214 <sup>28</sup>	33429	SKF	85X110X12	33528	GR-DV	450099
33222408	TROS	416273 <sup>28</sup>	333833	STUDE	240698	33429	SKF	85X110X12	33528M1	CR-CF	411253 <sup>28</sup>
33222411.25	TROS	416271 <sup>28</sup>	333840R91	IH	471643 <sup>28</sup>	33434TA	TRSCM	415894	33528M1	CR-CF	450099
332224X06	TROS	416271 <sup>28</sup>	333843R91	IH	473214 <sup>28</sup>	33438	C-R	228411	335447	GMC	5070
33222808	TROS	411245 <sup>28</sup>	33390	C-R	477055	33438	SKF	228411	33555	C-R	85X120X12
33222808	TROS	455096	33390	SKF	477055	33443	C-R	85X115X13	33555	SKF	85X120X12
33223207	TROS	415449 <sup>28</sup>	33394	GARLK	417354 <sup>28</sup>	33443	SKF	85X115X13	3355OS	JN-MN	471801 <sup>28</sup>
33223207	TROS	455147	333949R91	IH	471267 <sup>28</sup>	334510	PEUGE	471785	3355OS	GARLK	416047
33223208	TROS	415147	333996R91	IH	415003	334510	WHITE	471785 <sup>28</sup>	33568	GARLK	416332 <sup>28</sup>
33223208	TROS	415449 <sup>28</sup>	333996R91	IH	415458 <sup>28</sup>	33454	C-R	228410	3357	TIMKE	3357
33223208C	TROS	7581H	333996R92	IH	415458 <sup>28</sup>	33454	SKF	228410	33570	C-R	85X125X12
33223210	TROS	415147	333998R91	IH	472258 <sup>28</sup>	33454SA	TRSCM	417191	33570	SKF	85X125X12
33223212	TROS	415147	333PKG	TIMKE	333PKG	33454TA	TRSCM	417191	33580	GARLK	415937 <sup>28</sup>
33223212	TROS	415449 <sup>28</sup>	333R	TIMKE	333PKG	33460	C-R	710088	33585	C-R	85X130X13
33223608	TROS	415302	334001	GMC	473210	33460	GARLK	416624 <sup>28</sup>	33585	SKF	85X130X13
33223609	TROS	415302	33405	C-R	228410	33460	SKF	710088	335924N	TIMKE	335924N
33224008	TROS	415483 <sup>28</sup>	33405	SKF	228410	33464TA	TRSCM	417354 <sup>28</sup>	3359RC	SUL	415991
33224008	TROS	455368	33408	C-R	710765	334653	PEERC	470712 <sup>28</sup>	3359RC	SUL	455146 <sup>28</sup>
33224408	TROS	455434	33408	SKF	710765	334728	CATER	473229 <sup>28</sup>	335PKG	TIMKE	335PKG
33224808	TROS	416664 <sup>28</sup>	3340RC	SUL	415034 <sup>28</sup>	33473	WAYNE	450332	335R	TIMKE	335PKG

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
33601	GARLK	417355 <sup>28</sup>	33700	C-R	412473 <sup>28,29</sup>	3377RC	SUL	417354 <sup>28</sup>	338PKG	TIMKE	338PKG
336013R91	IH	417191	33700	C-R	415894	33783	HYST	418028	338R	TIMKE	338PKG
336018R91	IH	330385 <sup>28</sup>	33700	SKF	412473	33783	HYST	455137 <sup>28</sup>	33929	GEM	5976S
336052R91	IH	471255 <sup>28</sup>	33700	SKF	415894	3379282	GMC	416654 <sup>28</sup>	3393	TIMKE	3393
336053R91	IH	471255 <sup>28</sup>	33701	C-R	412473 <sup>28,29</sup>	3379282	GMC	455012	3393RC	SUL	415938
336090	JAC	471984	33701	C-R	415894	3379283	GMC	473473	3394333	PEERC	450194
336106R91	IH	450311	33701	SKF	412473	33793D	IH	416153 <sup>28</sup>	3394333	PEERC	473010
336107R91	IH	471652	33701	SKF	415894	3379OS	JN-MN	416158	3394345	PEERC	450067
33613	GARLK	416125 <sup>28</sup>	3370619	OSHKO	415937	337PKG	TIMKE	337PKG	3394345	PEERC	473228
33617	DEXTR	440265	33711	C-R	412473 <sup>28,29</sup>	337R	TIMKE	337PKG	33949	DENCO	415991
33617	KELSE	440265	33711	C-R	415894	33807	C-R	455249 <sup>28,29</sup>	33949	DENCO	455146 <sup>28</sup>
33617	LIGET	440265	33711	SKF	412473	33807	SKF	455249	3395	TIMKE	3395
3362	HYST	473446	33711	SKF	415894	3381858	GMC	417501	33950	DENCO	415960 <sup>28</sup>
336212J	SUL	412119 <sup>28</sup>	33712	C-R	412473 <sup>28,29</sup>	33821	C-R	416321	33950	DENCO	455009
336212J	SUL	450101	33712	C-R	415894	33821	CHERY	470358	339617	WAGMA	412861
336274R91	IH	471692 <sup>28</sup>	33712	SKF	412473	33821	CHERY	473231 <sup>28</sup>	339814	WHITE	450025
336276R91	IH	415013N	33712	SKF	415894	33821	SKF	416321	339814	WHITE	471553 <sup>28</sup>
336276R91	IH	415995V	3371222	GMC	415035	3382355	GMC	415379 <sup>28</sup>	33982	NEWPR	710627
336276R92	IH	415013N	3371222	GMC	415953	3382355	GMC	455379	3398B	JN-MN	417316 <sup>28</sup>
336276R92	IH	415995V	33721	GARLK	417211 <sup>28</sup>	3382835	GMC	416077	3398B	JN-MN	455004
33628	C-R	5128N	337240	PEERC	470163	338348R91	IH	411376 <sup>28</sup>	3398OS	JN-MN	417316 <sup>28</sup>
33628	SKF	5128N	337240	PEERC	471766 <sup>28</sup>	338349R91	IH	411376 <sup>28</sup>	3398OS	JN-MN	455004
3362RC	SUL	473236 <sup>28</sup>	3372K	FORD	410102	338362	JAC	472397 <sup>28</sup>	3399	LABEQ	471760
33633	ACF	450441	33733	GARLK	416345 <sup>28</sup>	338366R91	IH	481073	339965C1	IH	5065
33633	ACF	471341 <sup>28</sup>	33735	C-R	417191	33837	C-R	415025 <sup>29</sup>	339B22407	TROS	415857 <sup>28</sup>
33645	C-R	415442	33735	C-R	455165 <sup>28</sup>	33837	SKF	415025	339PKG	TIMKE	339PKG
33645	SKF	415442	33735	SKF	417191	338394R91	IH	471564	339R	TIMKE	339PKG
33646	GARLK	416041	33735	SKF	455165	338490R91	IH	472070	33MAK1	OTISE	450867
33653	ACF	450441	3373OS	JN-MN	553015 <sup>29</sup>	338493R91	IH	415995V	33MAK1	OTISE	470898
33653	ACF	471341 <sup>28</sup>	33741	CHERY	470163	338494R91	IH	412473 <sup>28</sup>	33MBP	OTISE	416107 <sup>28</sup>
33653	HYST	450441	33741	CHERY	471766 <sup>28</sup>	338494R91	IH	415894	33MBP	OTISE	455073
33653	HYST	471341 <sup>28</sup>	33741	SPICE	471795	3385	TIMKE	3385	33MCJ1	OTISE	472179
336537	WAGMA	416154 <sup>28</sup>	33742	CHERY	410520	3385	UNIVE	417353 <sup>28</sup>	33X50X12	TIMKE	33X50X12
33655	GARLK	415379	33742	CHERY	471272 <sup>28</sup>	338512R91	IH	417354 <sup>28</sup>	33X50X12SC	TRSCM	33X50X12
33659	C-R	5169	337426N	TIMKE	337426N	338540R91	IH	415192N	28		
33659	SKF	5169	3374299	GMC	450332	338549R91	IH	416404 <sup>28</sup>	33X50X12TC	TRSCM	33X50X12
336644	PEERC	470045	33745	GARLK	415697 <sup>28</sup>	338588R91	IH	415304	28		
336644	PEERC	476838 <sup>28</sup>	3374775	GMC	471765 <sup>28</sup>	338588R91	IH	476470 <sup>28</sup>	33X52X6SC	TRSCM	33X52X6
336648	PEERC	450301	337501	WHITE	470064	338589R91	IH	472185 <sup>28</sup>	33X52X6TC	TRSCM	33X52X6
336648	PEERC	472397 <sup>28</sup>	337501	WHITE	471821 <sup>28</sup>	338590R91	IH	470380 <sup>28</sup>	34	BL-KN	473243
33665	C-R	416294 <sup>28</sup>	3375042	HR-DV	6863S <sup>28</sup>	3386	IDECO	415138 <sup>28</sup>	3400	LABEQ	415449 <sup>28</sup>
33665	SKF	416294	337577	WHITE	412871 <sup>28</sup>	33861	C-R	710767	3400	LABEQ	455147
336652	PEERC	450067	337577	WHITE	450329	33861	SKF	710767	340009S	TIMKE	340009S
336652	PEERC	473228	337619	PEERC	450067	3386221	GMC	416047	34008	NEWPR	2465
336656	PEERC	417262 <sup>28</sup>	337619	PEERC	473228	3386221	GMC	416332 <sup>28</sup>	340098	VICK	417600
336656	PEERC	455448	33763	GARLK	417366 <sup>28</sup>	33866	C-R	416327 <sup>29</sup>	3400D5	WHITE	410987 <sup>28</sup>
336659	PEERC	412119 <sup>28</sup>	3376315	GMC	417497	33866	SKF	416327	3400D5	WHITE	450103
336659	PEERC	450101	337647	PEERC	470163	3387168	GMC	474278 <sup>28</sup>	34010	GARLK	415035
33667	GARLK	417205 <sup>28</sup>	337647	PEERC	471766 <sup>28</sup>	3387168	GMC	480356	34010	GARLK	415953
33682	GARLK	416339	33768	GEM	471267 <sup>28</sup>	338725C91	IH	416706 <sup>28</sup>	340106C91	IH	415060
336862	JAC	470954 <sup>28</sup>	3376RC	SUL	417488 <sup>28</sup>	3387499	GMC	471138 <sup>28</sup>	340106C92	IH	415060
336862	JAC	480954	337711C91	IH	456618	338815R91	IH	471785 <sup>28</sup>	340107C91	IH	415351 <sup>28</sup>
336863	JAC	471442 <sup>28</sup>	337711C92	IH	456618	338817R91	IH	417351 <sup>28</sup>	340107C92	IH	415351 <sup>28</sup>
336918	ALLCH	205017	33772	C-R	417354 <sup>28,29</sup>	338817R91	IH	455154	340120	TIMKE	340120
336962	JAC	471267 <sup>28</sup>	33772	SKF	417354	338874R91	IH	472924 <sup>28</sup>	340136	TIMKE	340136
33699	C-R	415164N	33772	WAYNE	471192	338875R91	IH	471224 <sup>28</sup>	340141	NATL	350954
33699	SKF	415164N	33773	C-R	417354 <sup>28,29</sup>	338877R91	IH	476424N	340141	NATL	470954 <sup>28</sup>
336.999	ELRNG	1172	33773	SKF	417354	3388840	GMC	473474	340151	TIMKE	340151
336PKG	TIMKE	336PKG	33774	WAYNE	473211 <sup>28</sup>	338899R91	IH	473231 <sup>28</sup>	340179C91	IH	370021A
336R	TIMKE	336PKG	33778	SPICE	472394	338904R91	IH	415234 <sup>28</sup>	340188	WHITE	417316 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
340188	WHITE	455004	340771	TIMKE	340771	342.093	ELRNG	716102	3433B	JN-MN	472179
34020	EATON	416865 <sup>28</sup>	340787	TIMKE	340787	342111	DEVIL	450185	343499	WHITE	471549 <sup>28</sup>
34020	EATON	455070	340797	TIMKE	340797	342111	DEVIL	473229	343500	WHITE	471137
34020807.5	TROS	455080	340815	TIMKE	340815	342118	WHITE	417484N	343539R91	IH	471224 <sup>28</sup>
340211	NATL	471643 <sup>28</sup>	340817	TIMKE	340817	342118	WHITE	455322N	343548R91	IH	471255 <sup>28</sup>
34021607.5	TROS	415234 <sup>28</sup>	340823	TIMKE	340823	342298	WHITE	410102	343715R91	IH	471692 <sup>28</sup>
34021609.5	TROS	415234 <sup>28</sup>	340826	TIMKE	340826	3422OS	JN-MN	470189	34383	C-R	455858 <sup>29</sup>
34022407	TROS	410825	340827	TIMKE	340827	3422OS	JN-MN	471692 <sup>28</sup>	34383	SKF	455858
34022411.25	TROS	475380N	340835	TIMKE	340835	342346	WHITE	471689 <sup>28</sup>	34384	C-R	370047A
34022805.75	TROS	3210	340847	TIMKE	340847	342357	HYST	417537	34384	SKF	370047A
34023206	TROS	416273	340849	TIMKE	340849	3424OS	JN-MN	450311	34386	C-R	370047A
34023207.5	TROS	416273 <sup>28</sup>	340850	TIMKE	340850	342517	TIMKE	342517	34386	SKF	370047A
34023208	TROS	416273 <sup>28</sup>	340853	TIMKE	340853	34255	GARLK	416556 <sup>28</sup>	343861	PEERC	470328
34023607.5	TROS	415988	340872	TIMKE	340872	34255	GARLK	472157	343861	PEERC	481213 <sup>28</sup>
34024006	TROS	415458 <sup>28</sup>	340876	WHITE	417159	34256	C-R	418029 <sup>28,29</sup>	343862	PEERC	350414
34024006	TROS	475458	3408RC	SUL	470712 <sup>28</sup>	34256	C-R	455499	343862	PEERC	472311 <sup>28</sup>
34024007.5	TROS	415458 <sup>28</sup>	340900	TIMKE	340900	34256	SKF	418029	34387	C-R	370047A
34024007.5	TROS	455003	340927	TIMKE	340927	34256	SKF	455499	34387	SKF	370047A
34024008	TROS	415458 <sup>28</sup>	340927C91	IH	415085 <sup>28</sup>	342613	TIMKE	342613	3438N	WMG	410163
34024008	TROS	455003	340927C91	IH	456648	342637	WHITE	415041	3438N	WMG	471766 <sup>28</sup>
34024008C	TROS	415458 <sup>28</sup>	340928C91	IH	455008	34270	LEECE	450082	34395	C-R	710569
34024008C	TROS	455003	340929C91	IH	415437 <sup>28</sup>	34270	LEECE	473238	34395	SKF	710569
34024011.25	TROS	415003	340929C91	IH	455173	34275	GARLK	415196 <sup>28</sup>	34398	C-R	417494 <sup>29</sup>
34024011.25	TROS	415458 <sup>28</sup>	340930	TIMKE	340930	34279	C-R	417492	34398	SKF	417494
34024012	TROS	415458 <sup>28</sup>	340D2	WHITE	6638S	34279	SKF	417492	343PKG	TIMKE	343PKG
34024012	TROS	475458	340D4	WHITE	410316	3427RC	SUL	450085	343R	TIMKE	343PKG
34024807.5	TROS	415984 <sup>28</sup>	340D4	WHITE	472636 <sup>28</sup>	3427RC	SUL	470530 <sup>28</sup>	34407	C-R	455026 <sup>29</sup>
34024809.5	TROS	415984 <sup>28</sup>	340PKG	TIMKE	340PKG	342805	TIMKE	342805	34407	SKF	455026
34025	GARLK	415035	340R	TIMKE	340PKG	34282	C-R	417492	34419	SPICE	481837
34025	GARLK	415953	341022	TIMKE	341022	34282	SKF	417492	34419	VIC	481837
34027	SPICE	5778	341079C91	IH	415137 <sup>28</sup>	34283	C-R	417492	344192	SPICE	473228
34027-1	SPICE	5778	341079C91	IH	418028	34283	SKF	417492	344192	SPICE	481837
3402RC	SUL	417191	3411035	WOOL	473473	34294	CHERY	473245 <sup>28</sup>	344278	GMC	473204
34035	GARLK	417356 <sup>28</sup>	34115	C-R	228700	34295	CHERY	455151	3444538	VOLVO	712692
3403552	HR-DV	471442 <sup>28</sup>	34115	SKF	228700	34297	GARLK	416891 <sup>28</sup>	34449	CASE	471570 <sup>28</sup>
340356	TIMKE	340356	3411WA	OSHKO	55353	342PKG	TIMKE	342PKG	3444E	GOODM	415196 <sup>28</sup>
340385	TIMKE	340385	34120	C-R	228700	342R	TIMKE	342PKG	344508XX	TIMKE	34X45X8
340387	TIMKE	340387	34120	SKF	228700	34302	GARLK	416135 <sup>28</sup>	344531C91	IH	472397 <sup>28</sup>
340398	NATL	351267	341293	WAGMA	416112	34304	DENCO	470625 <sup>28</sup>	34455	GARLK	416888 <sup>28</sup>
340398	NATL	471267 <sup>28</sup>	3415	EATON	473215 <sup>28</sup>	343099	TIMKE	343099	34474SA	TRSCM	455858
3404	TIMKE	3404	3416	EATON	470059	343101	TIMKE	343101	34475	GARLK	416153 <sup>28</sup>
340400	TIMKE	340400	3416	EATON	470380 <sup>28</sup>	343104	TIMKE	343104	344867	GUY	470120
340412R91	IH	410708	3417	EATON	411253 <sup>28</sup>	343105	TIMKE	343105	344867	GUY	471224 <sup>28</sup>
340413	TIMKE	340413	3417	EATON	450099	343123	TIMKE	343123	3448OS	JN-MN	416271 <sup>28</sup>
340413R91	IH	470351	341707	WHITE	450365	34317H	DIA	340120	34498	GARLK	416892 <sup>28</sup>
340430	WHITE	450593 <sup>28</sup>	341707	WHITE	470898 <sup>28</sup>	34317W	DIA	240151	3449816	FORD	3774
340435	NATL	240435	3418494	CHRYSL	3103 <sup>28</sup>	343185	TIMKE	343185	3449B	JN-MN	416654 <sup>28</sup>
340435	NATL	350435	3418495	CHRYSL	3103 <sup>28</sup>	343186	TIMKE	343186	3449B	JN-MN	455012
34046	EATON	370021A	34188	EATON	415085 <sup>28</sup>	34319	SPICE	415960	344PKG	TIMKE	344PKG
340469	TIMKE	340469	34188	EATON	456648	34319	SPICE	455009	344R	TIMKE	344PKG
340483	TIMKE	340483	341PKG	TIMKE	341PKG	34319	VIC	415960	344RC	SUL	455032 <sup>28</sup>
340495	TIMKE	340495	341R	TIMKE	341PKG	34320H	IH	450078	345035	TIMKE	345035
340541	WHITE	450030	341SR31	MACK	370021A	34320H	IH	473444	345146	TIMKE	345146
340541	WHITE	474253 <sup>28</sup>	341SR-52	MACK	370001A	343229	WHITE	450095	345208A	HARWA	34X52X8
34055	GARLK	417357	341SR-52	MACK	380001A	343229	WHITE	473464 <sup>28</sup>	345208XX	TIMKE	34X52X8
3405RC	SUL	471466 <sup>28</sup>	34202	CUSH	450025	34336	C-R	417493 <sup>29</sup>	345303	WHITE	45637S
3406RC	SUL	471466 <sup>28</sup>	34202	CUSH	471553 <sup>28</sup>	34336	SKF	417493	34531	WAYNE	450489
340724	TIMKE	340724	342055	WHITE	471354 <sup>28</sup>	34338	C-R	417493 <sup>28</sup>	34531	WAYNE	473244
340734	NATL	343186	34206	SPICE	8430S	34338	SKF	417493	345327	WHITE	473215 <sup>28</sup>
34075	GARLK	416130 <sup>28</sup>	34206	VIC	8430S	3433B	JN-MN	450183	34539	HYST	416158

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
345409XX	TIMKE	34X54X9	3480	DICO	204020	34888	SKF	455146	35009N	NATL	415009N
3455	NATEN	417546 <sup>2B</sup>	3480	DICO	204505 <sup>2B</sup>	34889	C-R	415146 <sup>2B</sup>	35012	C-R	415437 <sup>29</sup>
3455B	JN-MN	415991	34820	HYST	415007	34889	C-R	415991	35012	SKF	415437
3455B	JN-MN	455146 <sup>2B</sup>	34823208	TROS	455079 <sup>2B</sup>	34889	SKF	415146	35012N	NATL	475012N
3458S	GIB	473235 <sup>2B</sup>	34823608	TROS	417481	34889	SKF	415991	350140	NATL	471413 <sup>2B</sup>
3459952	CHRYS	370001A	34824008	TROS	417343 <sup>2B</sup>	34890	C-R	5965	350156	TIMKE	350156
3459952	CHRYS	380001A	34824308	TROS	7780N	34890	SKF	5965	35020	C-R	415437 <sup>29</sup>
3459S	GIB	471870 <sup>2B</sup>	34824408	TROS	455151	34891	C-R	415991 <sup>2B</sup>	35020	SKF	415437
3459S	GIB	471883	34824804	TROS	46997S	34891	C-R	415991N	350203	NATL	471443
3459S	TIMKE	3459	34824808	TROS	417316 <sup>2B</sup>	34891	SKF	415991	350203	NATL	481443 <sup>2B</sup>
345PKG	TIMKE	345PKG	34824810.25	TROS	417316 <sup>2B</sup>	34891	SKF	415991N	350212	GR-DV	416271 <sup>2B</sup>
345R	TIMKE	345PKG	34824812	TROS	415004	34892	C-R	415991V	350214	CABOT	411245 <sup>2B</sup>
34610	C-R	5287	34824812	TROS	417316 <sup>2B</sup>	34892	SKF	415991V	350214	CABOT	455096
34610	SKF	5287	34825208	TROS	455005	348PKG	TIMKE	348PKG	350214	GR-DV	411245 <sup>2B</sup>
34611	C-R	3772	34825608	TROS	471344	348R	TIMKE	348PKG	350214	GR-DV	455096
34611	SKF	3772	34825610	TROS	417344 <sup>2B</sup>	3491945	MOPAR	340724 <sup>2B</sup>	350215	NATL	471646 <sup>2B</sup>
34611	SPICE	442380	34825610	TROS	455006	34928	C-R	710454	350216	ALLCH	415449 <sup>2B</sup>
34612	SPICE	416273 <sup>2B</sup>	34825610.25	TROS	417344 <sup>2B</sup>	34928	SKF	710454	350216	ALLCH	455147
34612	VIC	416273 <sup>2B</sup>	34825610.25	TROS	455006	349295C1	IH	456744N	350216	CABOT	415991
34615	SPICE	9316	34825616	TROS	417344 <sup>2B</sup>	3492V	TIMKE	3492V	350216	CABOT	455146 <sup>2B</sup>
3461793	GMC	4175	34826008	TROS	416956	3496234	CHRYS	2287	350216	CLARK	415449 <sup>2B</sup>
3461895	CHRYS	6960	34830006	TROS	417349 <sup>2B</sup>	3496557	CHRYS	417158 <sup>2B</sup>	350216	CLARK	455147
34625	GARLK	415138 <sup>2B</sup>	34830008	TROS	415281N	3496557	MOPAR	417158	350216	GR-DV	415449 <sup>2B</sup>
346.306	ELRNG	224250	34848	C-R	446927 <sup>2B</sup>	34967	C-R	345146	350216	GR-DV	455147
34631	CATER	471765 <sup>2B</sup>	34848	C-R	45525S	34967	SKF	345146	350216K	GOODM	415449 <sup>2B</sup>
34631	TMTR	471765 <sup>2B</sup>	34848	SKF	446927	34968	SPICE	473229 <sup>2B</sup>	350216K	GOODM	455147
34634	GEM	240356	34848	SKF	45525S	34971	C-R	370132A	350218	CLARK	415302
34645	GARLK	417247 <sup>2B</sup>	34857	C-R	418029 <sup>2B</sup>	34971	SKF	370132A	35029	C-R	415437 <sup>2B</sup>
34663	C-R	710860	34857	SKF	418029	34972	C-R	370132A	35029	C-R	455173
34663	SKF	710860	34860	C-R	416624 <sup>2B,29</sup>	34972	SKF	370132A	35029	HYST	417181 <sup>2B</sup>
34666	C-R	710761	34860	SKF	416624	34975	C-R	370132A	35029	SKF	415437
34666	SKF	710761	34861	C-R	416624 <sup>2B,29</sup>	34975	SKF	370132A	35029	SKF	455173
346738R91	IH	100494	34861	SKF	416624	34980	C-R	370132A	35030	GARLK	415725 <sup>2B</sup>
346738R91	IH	416470N	34867	C-R	416624 <sup>2B,29</sup>	34980	C-R	370169A	35030	HYST	417605
346812R91	IH	471692 <sup>2B</sup>	34867	SKF	416624	34980	SKF	370132A	350319	NATL	481163 <sup>2B</sup>
346PKG	TIMKE	346PKG	34867	SPICE	416624 <sup>2B</sup>	34980	SKF	370169A	35035	AMC	471570 <sup>2B</sup>
346R	TIMKE	346PKG	34868	C-R	416624 <sup>2B,29</sup>	34985	C-R	417196 <sup>2B,29</sup>	350355	NATL	471538 <sup>2B</sup>
34700	C-R	2055	34868	SKF	416624	34985	SKF	417196	350363	NATL	473234 <sup>2B</sup>
34700	SKF	2055	3488	CR-CF	411253 <sup>2B</sup>	34985	VIC	417196 <sup>2B</sup>	350364	TIMKE	350364
347150C91	IH	417365	3488	CR-CF	450099	34994	C-R	370169A	350385	NATL	330385 <sup>2B</sup>
34718	EATON	470565 <sup>2B</sup>	3488	MURPH	473446	34994	SKF	370169A	350394	TIMKE	350394
347235R91	IH	471785 <sup>2B</sup>	34882	C-R	415991N	34999	C-R	370169A	35040	C-R	476424N
347245R91	IH	471785 <sup>2B</sup>	34882	SKF	415991N	34999	SKF	370169A	35040	GARLK	415725 <sup>2B</sup>
34739	WAYNE	471787 <sup>2B</sup>	34883	C-R	712750	349PKG	TIMKE	349PKG	35040	SKF	476424N
34744	WAYNE	450025	34883	SKF	712750	349R	TIMKE	349PKG	350414	TIMKE	350414
34744	WAYNE	471553 <sup>2B</sup>	348848C91	IH	473228	34X45X8SC	TRSCM	34X45X8	35042	C-R	415437 <sup>29</sup>
347451	GMC	710005	348848C91	IH	481837	34X45X8TC	TRSCM	34X45X8	35042	SKF	415437
347497	WHITE	471267 <sup>2B</sup>	348849C91	IH	9316	34X52X8	SIMRT	34X52X8	350435	TIMKE	350435
347568R91	IH	473239 <sup>2B</sup>	34885	C-R	9339S	34X52X8	TIMKE	34X52X8	3504679	GMC	6064
347569R91	IH	473239 <sup>2B</sup>	34885	SKF	9339S	34X52X8SC	TRSCM	34X52X8	350476	ADAMS	471750 <sup>2B</sup>
347570R91	IH	415138 <sup>2B</sup>	34886	C-R	415991	34X52X8TC	TRSCM	34X52X8	350493	WHITE	450400
347583R91	IH	415234 <sup>2B</sup>	34886	C-R	455146 <sup>2B</sup>	34X54X9	TIMKE	34X54X9	350502	ADAMS	455151
347652R91	IH	415086N	34886	NEWPR	710749	34X54X9SC	TRSCM	34X54X9	350502	LETN	455151
347652R91	IH	417487 <sup>2B</sup>	34886	SKF	415991	34X54X9TC	TRSCM	34X54X9	350503	ADAMS	472439
3476S	TIMKE	3476	34886	SKF	455146	35	BL-KN	413246	350504	ADAMS	470120
347804R91	IH	415138 <sup>2B</sup>	34887	C-R	415991 <sup>29</sup>	35	BL-KN	413246N	350504	ADAMS	471224 <sup>2B</sup>
3-4-783	SPICE	472397 <sup>2B</sup>	34887	SKF	415991	3500	GEM	323138 <sup>2B</sup>	350504	LETN	470120
347842R1	IH	JX1190	34888	C-R	415991	35000	C-R	370169A	350504	LETN	471224 <sup>2B</sup>
347PKG	TIMKE	347PKG	34888	C-R	455146 <sup>2B</sup>	35000	SKF	370169A	350504	WABCO	471224 <sup>2B</sup>
347R	TIMKE	347PKG	34888	SKF	415991	3500495	WHITE	450400	350509	NATL	15X25X7

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
350535	ADAMS	417316 <sup>28</sup>	35075	SKF	370002A	35112	SKF	710449	3520746	VOLVO	221207
350535	ADAMS	455004	35075	SKF	370013A	351123	RELEE	473237 <sup>28</sup>	3520746-3	VOLVO	221207
350535	LETN	417316 <sup>28</sup>	35075	SKF	380001A	35116	C-R	710585	3520753	VOLVO	223830
350535	LETN	455004	3507585	CHRYSLER	6808N	35116	SKF	710585	3520753-9	VOLVO	223830
350537	WHITE	470045	350769R91	IH	6312	351181	NATL	481181 <sup>28</sup>	352080	NATL	472164 <sup>28</sup>
350537	WHITE	476838 <sup>28</sup>	35080	C-R	415027H	351181	NATL	481181N	352080R91	IH	470548
350539	ADAMS	470059	35080	GARLK	416865 <sup>28</sup>	35120	C-R	710188	352080R91	IH	470625 <sup>28</sup>
350539	ADAMS	470380 <sup>28</sup>	35080	SKF	415027H	35120	SKF	710188	3520862-0	VOLVO	4941V
350539	LETN	470059	35082	C-R	415027 <sup>28</sup>	351206	NATL	473237 <sup>28</sup>	3521	GEM	351267
350539	LETN	470380 <sup>28</sup>	35082	C-R	455027	351224	NATL	471224 <sup>28</sup>	3521	GEM	471267 <sup>28</sup>
350539	WABCO	470059	35082	SKF	415027	351264	NATL	471264 <sup>28</sup>	352113	RELEE	470605 <sup>28</sup>
350539	WABCO	470380 <sup>28</sup>	35082	SKF	455027	351267	TIMKE	351267	352118	CONTI	6324S
3505509	GMC	5756	350823	TIMKE	350823	351270	NATL	471270 <sup>28</sup>	352122	RELEE	471272 <sup>28</sup>
350567	TIMKE	350567	35083	C-R	415027N	351271R91	CASE	470712 <sup>28</sup>	35220	FMC	415035 <sup>28</sup>
350567C91	IH	473228 <sup>28</sup>	35083	SKF	415027N	351276R91	IH	471765 <sup>28</sup>	35220	FMC	455035
350570	WHITE	475012N	3508542	HR-DV	471192	351281	NATL	471281 <sup>28</sup>	3522542	HR-DV	470059
350572	TIMKE	350572	35086	C-R	417495 <sup>29</sup>	35130	GARLK	417278	3522542	HR-DV	470380 <sup>28</sup>
35058	C-R	370001A	35086	SKF	417495	351315	NATL	472705 <sup>28</sup>	352270A	CHRYSLER	470163
35058	C-R	376590A	350891R91	IH	472560N <sup>28</sup>	351354	NATL	471354 <sup>28</sup>	352270A	CHRYSLER	471766 <sup>28</sup>
35058	C-R	380001A	350891R91	IH	50151S	3514312	VOLVO	355660H	352270A	DODM	471766 <sup>28</sup>
35058	SKF	370001A	350892R91	IH	471267 <sup>28</sup>	3514312	VOLVO	710803	3523039	HR-DV	472185 <sup>28</sup>
35058	SKF	376590A	3509	GEM	450519	3514312-2	VOLVO	710803	352352	NATL	6703S
35058	SKF	380001A	3509	GEM	471271 <sup>28</sup>	351442	NATL	471442 <sup>28</sup>	352354	TIMKE	352354
35059	C-R	370001A	3509	ROSS	450519	351466	NATL	340009S	35236	HYST	472299
35059	C-R	380001A	3509	ROSS	471271 <sup>28</sup>	351466	TIMKE	351466	352369	HYST	415725 <sup>28</sup>
35059	SKF	370001A	3509042	HR-DV	470120	351487	TIMKE	351487	35239	SPICE	9912
35059	SKF	380001A	3509042	HR-DV	471224 <sup>28</sup>	3514943	VOLVO	223020	35239	VIC	9912
3506	IRON	330385 <sup>28</sup>	350909	TIMKE	350909	3514943-0	VOLVO	223020	352407	WHITE	410316
3506	UNIVE	455037	350918	NATL	473241	3514943-4	VOLVO	223020	352407	WHITE	472636 <sup>28</sup>
35060	C-R	380001A	350936	TIMKE	350936	35149DA	IH	410085	352412	WHITE	415147
35060	SKF	380001A	350936N	WMG	350936	35149DA	IH	470530 <sup>28</sup>	352412	WHITE	415449 <sup>28</sup>
350609	TIMKE	350609	350954	TIMKE	350954	3515137	CHRYSLER	331227H	352477C91	IH	5778
35062	C-R	370001A	35096	C-R	415559 <sup>29</sup>	3515138	CHRYSLER	331228H	352488	GMC	5070
35062	C-R	380001A	35096	SKF	415559	3515174	HR-DV	481163 <sup>28</sup>	352541	MERCM	352541
35062	SKF	370001A	350974	NATL	350974	351526	NATL	471526 <sup>28</sup>	352541	TIMKE	352541
35062	SKF	380001A	350974	TIMKE	350974	3515383	CHRYSLER	7300S	35256	SPICE	417487
350645	ADAMS	412119 <sup>28</sup>	35098	C-R	6612S <sup>29</sup>	3515384	CHRYSLER	2506	352560	TIMKE	352560
350645	ADAMS	450101	35098	SKF	6612S	351552	NATL	471558	35266	DENCO	415088 <sup>28</sup>
350645	LETN	412119 <sup>28</sup>	350983	NATL	472179	351554	NATL	471554 <sup>28</sup>	35266	DENCO	455088
350645	LETN	450101	35102	C-R	370001A	3515569	CHRYSLER	472164 <sup>28</sup>	3528090C1	NAVST	370001A
35066	C-R	370001A	35102	C-R	380001A	351567	NATL	471567 <sup>28</sup>	352847	MANT	415086N
35066	C-R	380001A	35102	SKF	370001A	351570	NATL	471570 <sup>28</sup>	352847	MANT	417487 <sup>28</sup>
35066	SKF	370001A	35102	SKF	380001A	351571	NATL	471571	35298	C-R	710685
35066	SKF	380001A	351028	TIMKE	351028	3516129	VOLVO	710215	35298	SKF	710685
350679	TIMKE	350679	35103	C-R	370001A	351643	NATL	471643 <sup>28</sup>	352998	NATL	473231 <sup>28</sup>
350679R91	IH	6312	35103	C-R	380001A	351689	NATL	471689 <sup>28</sup>	3530	UNIVE	370019A
3507	UNIVE	416271 <sup>28</sup>	35103	SKF	370001A	3517	NATL	9845	35304	WAYNE	240356
35071	NOK	2146	35103	SKF	380001A	351760	NATL	471760	353052	RELEE	415303 <sup>28</sup>
35072	C-R	370001A	35107	C-R	417496	351763	NATL	471763	353079X1	MASSE	415449 <sup>28</sup>
35072	C-R	370002A	35107	SKF	417496	351802C92	IH	370023A	353079X1	MASSE	455147
35072	C-R	380001A	3511035	C-W	415449 <sup>28</sup>	351802C92	NAVST	380023A	353085	RELEE	413248
35072	SKF	370001A	3511035	C-W	455147	3519D5	WHITE	415458 <sup>28</sup>	35310	GARLK	417262 <sup>28</sup>
35072	SKF	370002A	3511035	WOOL	415449 <sup>28</sup>	3519D5	WHITE	455003	35311	SPICE	416273
35072	SKF	380001A	3511035	WOOL	455147	3520046	HR-DV	471763	35311-1	SPICE	416273
350737R91	IH	450316	351108R1	IH	413469 <sup>28</sup>	352009	NATL	472397 <sup>28</sup>	353120	TIMKE	353120
350737R91	IH	472636 <sup>28</sup>	351108R91	IH	413469 <sup>28</sup>	352039	CONTI	416956	3531207	VOLVO	710790
35075	C-R	370002A	35111	C-R	455396	3520472	VOLVO	224040	3531207-3	VOLVO	710790
35075	C-R	370013A	35111	SKF	455396	3520472-6	VOLVO	224040	353128	NATL	470328
35075	C-R	380001A	351113	RELEE	470898	352068	CONTI	451583 <sup>28</sup>	353128	NATL	481213 <sup>28</sup>
35075	NATL	416476 <sup>28</sup>	35112	C-R	710449	3520682-0	VOLVO	5778	35313	SPICE	4250

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
353132	TIMKE	353132	35440	C-R	90X125X7	3556LUP	JN-MN	481195	356W525	CONE	5532
35313-4	SPICE	4250	29			355732	TIMKE	355732	357	IDECO	455480 <sup>28</sup>
353136	NATL	471737	35440	SKF	90X125X7	355810A	HARWA	35X58X10	357008XX	TIMKE	35X70X8
353137	TIMKE	353137	35448	GMC	471570 <sup>28</sup>	355810XX	TIMKE	35X58X10	357037R91	IH	450316
353138	NATL	323138 <sup>28</sup>	35450	GARLK	417359	355821	NATL	327303 <sup>28</sup>	357037R91	IH	472636 <sup>28</sup>
353141	TIMKE	353141	354507XX	TIMKE	35X45X7	355851	WHITE	470027	35710	GARLK	417361
353183R91	IH	471466 <sup>28</sup>	354514R91	IH	470045	355851	WHITE	471554 <sup>28</sup>	35716	C-R	55028 <sup>29</sup>
353188	NATL	470380 <sup>28</sup>	354514R91	IH	476838 <sup>28</sup>	35593	C-R	415711 <sup>29</sup>	35716	SKF	55028
353193	NATL	471765 <sup>28</sup>	35451D	IH	471192	35593	SKF	415711	357203R91	IH	450365
35347	WHITE	417159	35454PTA	TRSCM	415991 <sup>28</sup>	3560	C-R	9X26X7	357203R91	IH	470898
35350	GARLK	417358	35454PTA	TRSCM	415991N	3560	SKF	9X26X7	357208XX	TIMKE	35X72X8
3535A	JOHND	472924 <sup>28</sup>	35455	C-R	95X130X12	356010A	HARWA	35X60X10	35722	ALLCH	415138 <sup>28</sup>
35374D	IH	481443 <sup>28</sup>	28			356010XX	TIMKE	35X60X10	35723	SPICE	5778
353.840	ELRNG	710811	35455	SKF	95X130X12	3560459	HYST	200870	35723	SPICE	5778V
353.990	ELRNG	1108	354598R91	IH	450269	35608	HYST	415984 <sup>28</sup>	35724	SPICE	6808N
3539RC	SUL	417171 <sup>28</sup>	35460	TROS	471141 <sup>28</sup>	35620	GARLK	417254	35724	VIC	6808N
3540	C-R	9X22X7	3546D	GOODM	415196 <sup>28</sup>	356207XX	TIMKE	35X62X7	35725	SPICE	9316
3540	SKF	9X22X7	3546E	GOODM	415196 <sup>28</sup>	35622407.5	TROS	417480 <sup>28</sup>	35725V	SPICE	9316
35400	GARLK	415645 <sup>28</sup>	3547000	VOLVO	716102	35622407.5	TROS	455860	35731	CATER	473438
354040	TIMKE	354040	354707XX	TIMKE	35X47X7	35623207.5	TROS	415082	35738	HYST	417205 <sup>28</sup>
35405	C-R	710189	35474TA	TRSCM	455396	35624007.5	TROS	415007	3574	DICO	205004
35405	SKF	710189	354808XX	TIMKE	35X48X8	35624407.5	TROS	455008	357-405-641	AUDI	1962
35407	C-R	229004	3549226	VOLVO	710719	35624807	TROS	415009	357-405-641	VW	1962
35407	SKF	229004	3549226-3	VOLVO	710719	35624807	TROS	415960 <sup>28</sup>	357-405-641C	AUDI	1962
35409	C-R	229005 <sup>29</sup>	3549392	CHRYSL	5414	35624807	TROS	415960	357-405-641C	VW	1962
35409	SKF	229005	35494SA	TRSCM	455027	35624807.5	TROS	415960	357424	SUL	415138 <sup>28</sup>
35409S	PETTI	415498	355007XX	TIMKE	35X50X7	35624807.5	TROS	455009	3575	UNIVE	370005A
3540RC	SUL	416738 <sup>28</sup>	355008XX	TIMKE	35X50X8	35624807C	TROS	415009	357-501-641B	AUDI	1962
3540RC	SUL	450096	355067	RELEE	476470	35624807C	TROS	415960 <sup>28</sup>	357-501-641B	SEAT	1962
35410	C-R	229010	355082	NATL	415082	35624808	TROS	415960	357-501-641-B	VW	1962
35410	SKF	229010	35510	FI-CO	40162S	35624808	TROS	455009	357-501-641C	AUDI	1962
354115	RELEE	416664 <sup>28</sup>	35511	FI-CO	474255	35624810	TROS	475009N	357-501-641C	VW	1962
35412	C-R	229005	35511	SPICE	5329	35624812	TROS	415960	357672R91	IH	412119 <sup>28</sup>
35412	SKF	229005	35511	VIC	5329	35625207.5	TROS	417485	3577303	CHRYSL	5414
35412VB	TRSCM	446927 <sup>28</sup>	35512	SPICE	472164 <sup>28</sup>	3563042	HR-DV	470059	357769R91	IH	450069
35414	C-R	229005	35512	VIC	472164 <sup>28</sup>	3563042	HR-DV	470380 <sup>28</sup>	357769R91	IH	473232
35414	SKF	229005	355121	VIC	472164 <sup>28</sup>	35645	HYST	417601	357770R91	IH	450082
354176C91	IH	5778	355131R91	IH	450069	35647	DENCO	415995 <sup>28</sup>	357770R91	IH	473238
35418	C-R	710571	355131R91	IH	473232	35647	DENCO	455013	357773R91	IH	450069
35418	SKF	710571	35514TA	TRSCM	417495	35649	C-R	417497 <sup>29</sup>	357773R91	IH	473232
35420	C-R	90X115X12	355207XX	TIMKE	35X52X7	35649	DENCO	470163	357774R91	IH	473238 <sup>28</sup>
35420	SKF	90X115X12	3553	GEM	6835S	35649	DENCO	471766 <sup>28</sup>	3577B	JN-MN	455476 <sup>29</sup>
354214	SUL	417073	3553	TIMKE	3553	35649	SKF	417497	357830C91	IH	417485
354216K	FAIRB	415001 <sup>28</sup>	355408XX	TIMKE	35X54X8	35650	DENCO	471820	3578447	CHRYSL	8609
354216K	FAIRB	455001	355488	GMC	5070	35650	GARLK	417360	357928R91	IH	412119 <sup>28</sup>
35429	SPICE	2064	3554B	JN-MN	450301	356502R91	IH	472287 <sup>28</sup>	357937R91	IH	410059
35429	VIC	2064	3554B	JN-MN	472397 <sup>28</sup>	356503R91	IH	472287 <sup>28</sup>	357937R91	IH	470380 <sup>28</sup>
3543	C-R	9X18X7	355508XX	TIMKE	35X55X8	35658	DENCO	470548	357966R91	IH	416380 <sup>28</sup>
3543	SKF	9X18X7	355511XX	TIMKE	35X55X11	35658	DENCO	470625 <sup>28</sup>	357967R91	IH	450082
3543	TIMKE	3543	355526	NATL	417350 <sup>28</sup>	3566	GMC	471192	357967R91	IH	473238
35430	C-R	90X120X12	3555556282	CHRYSL	710863	35676	C-R	417498 <sup>29</sup>	357968R91	IH	471442 <sup>28</sup>
35430	SKF	90X120X12	35556	C-R	415498 <sup>29</sup>	35676	SKF	417498	357969R91	IH	417344 <sup>28</sup>
354309	WHITE	450066	35556	SKF	415498	35680	GARLK	416107 <sup>28</sup>	357970R91	IH	471192
354309	WHITE	473367 <sup>28</sup>	355608XX	TIMKE	35X56X8	356887R91	IH	471570 <sup>28</sup>	357971R91	IH	410312N
354316	WHITE	471466 <sup>28</sup>	355610XX	TIMKE	35X56X10	356923	NATL	415379 <sup>28</sup>	357972R91	IH	410708
35432	C-R	90X120X12	355660H	TIMKE	355660H	356923	NATL	455379	357973R91	IH	410059
28			355669	TIMKE	355669	35697	SPICE	417480 <sup>28</sup>	357973R91	IH	470380 <sup>28</sup>
35432	SKF	90X120X12	3556B	JN-MN	471195 <sup>28</sup>	35697	SPICE	455860	357974R91	IH	415196 <sup>28</sup>
3543A	HERCU	45637S	3556B	JN-MN	481195	356RC	SUL	450067	357975R91	IH	417344 <sup>28</sup>
3543D5	WHITE	410737 <sup>28</sup>	3556LUP	JN-MN	471195 <sup>28</sup>	356RC	SUL	473228	357976R91	IH	471192

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
357977R91	IH	410708	358808R91	IH	450066	359126R93	IH	473459	35A12244	WHITE	417254
357978R91	IH	410059	358808R91	IH	473367 <sup>28</sup>	359126R94	IH	471869	35A3596	MINNM	340120
357978R91	IH	470380 <sup>28</sup>	358809R91	IH	471750 <sup>28</sup>	359126R94	IH	473459	35A4130	MINNM	470120
35799	CATER	471737	358810R91	IH	450115	359167	GMC	3698	35A4130	MINNM	471224 <sup>28</sup>
357PKG	TIMKE	357PKG	358810R91	IH	473467	3591B	JN-MN	455195	35A4130	WHITE	470120
357R	TIMKE	357PKG	358812R91	IH	6200	3591B	JN-MN	472157 <sup>28</sup>	35A4130	WHITE	471224 <sup>28</sup>
358008XX	TIMKE	35X80X8	358813R91	IH	452222 <sup>28</sup>	3592	TIMKE	3592	35A4130EXP	MINNM	470120
358019	WHITE	415995 <sup>28</sup>	358814R91	IH	412119 <sup>28</sup>	35925	GARLK	417364	35A4130EXP	MINNM	471224 <sup>28</sup>
358019	WHITE	455013	358814R91	IH	450101	359257R91	IH	470120	35A4461	MINNM	415003
358020	WHITE	417181 <sup>28</sup>	358815R91	IH	471765 <sup>28</sup>	359257R91	IH	471224 <sup>28</sup>	35A4461	MINNM	415458 <sup>28</sup>
3580723	CHRY5	5121	358817R91	IH	200600	359.260	ELRNG	710786	35A5174	MINNM	365008
3580975	CHRY5	6815	358819R91	IH	417316 <sup>28</sup>	359303R91	IH	471567 <sup>28</sup>	35A5174	WHITE	365008
35810	C-R	9584	358819R91	IH	455004	359309R91	IH	471567 <sup>28</sup>	35A6303	MINNM	6668S
35810	SKF	9584	358821R91	IH	471649 <sup>28</sup>	35938	SPICE	2146	35A6404	MINNM	327303 <sup>28</sup>
358228	WHITE	450291	358822R91	IH	472439	35938	VIC	2146	35A8008	MINNM	471442 <sup>28</sup>
358228	WHITE	471141 <sup>28</sup>	358823R91	IH	471419	35938-1	SPICE	2146	35A8008	WHITE	471442 <sup>28</sup>
35828	C-R	710056	358823R91	IH	473367	3593B	JN-MN	455576 <sup>28</sup>	35A8629	WHITE	476470
35828	HYST	416654 <sup>28</sup>	358824R91	IH	473421	359419	WHITE	47159	35H021	SHOV	474276 <sup>28</sup>
35828	SKF	710056	358825R91	IH	6163S	359448R91	IH	473215 <sup>28</sup>	35H027	SHOV	474276 <sup>28</sup>
3583	WOODB	410163	358826R91	IH	411394 <sup>28</sup>	359449R91	IH	470380 <sup>28</sup>	35P129	WHITE	45825S
3583	WOODB	471766 <sup>28</sup>	358826R91	IH	450317	35947	DENCO	471466 <sup>28</sup>	35P2744	WHITE	472258 <sup>28</sup>
35836	C-R	710237	358827R91	IH	418029 <sup>28</sup>	359496	WHITE	415016N	35X45X7	TIMKE	35X45X7
35836	SKF	710237	358827R91	IH	455499	359497	WHITE	416288 <sup>28</sup>	35X45X7SC	TRSCM	35X45X7
35850	GARLK	417362 <sup>28</sup>	358828R91	IH	455500	35949N	TIMKE	35949N	35X45X7TC	TRSCM	35X45X7
358765R91	IH	450066	358829R91	IH	455005	359506R91	IH	470380 <sup>28</sup>	35X47X7	TIMKE	35X47X7
358765R91	IH	473367 <sup>28</sup>	358830R91	IH	456105	359547	GMC	224520	35X47X7SC	TRSCM	35X47X7
358766R91	IH	471750 <sup>28</sup>	358833R91	IH	6312	359559R91	IH	470380 <sup>28</sup>	35X47X7TC	TRSCM	35X47X7
358767R91	IH	450115	358836R91	IH	472560N <sup>28</sup>	3 595 870	FORD	229010	35X48X8	TIMKE	35X48X8
358767R91	IH	473467	358836R91	IH	50151S	359588R91	IH	471567 <sup>28</sup>	35X48X8SC	TRSCM	35X48X8 <sup>28</sup>
358768R91	IH	416738 <sup>28</sup>	358837R91	IH	471267 <sup>28</sup>	3596	CHAMP	415991	35X48X8TC	TRSCM	35X48X8 <sup>28</sup>
358768R91	IH	450096	358838R91	IH	471765 <sup>28</sup>	3597	CHAMP	417366 <sup>28</sup>	35X50X7	TIMKE	35X50X7
358769R91	IH	200640	358839R91	IH	470548	359786R91	IH	416738 <sup>28</sup>	35X50X8	CEW	35X50X8 <sup>28</sup>
358770R91	IH	415001 <sup>28</sup>	358839R91	IH	470625 <sup>28</sup>	359786R91	IH	450096	35X50X8	TIMKE	35X50X8
358770R91	IH	455001	35886	HYST	450183	359787R91	IH	450043	35X50X8SC	TRSCM	35X50X8 <sup>28</sup>
358772R91	IH	6200	35886	HYST	472179	359787R91	IH	473419	35X50X8TC	TRSCM	35X50X8 <sup>28</sup>
358774R91	IH	412119 <sup>28</sup>	358873R91	IH	452222 <sup>28</sup>	359788R91	IH	200640	35X52X7	TIMKE	35X52X7
358774R91	IH	450101	358896R91	IH	450316	359789R91	IH	470059	35X54X8	TIMKE	35X54X8
358775R91	IH	471765 <sup>28</sup>	358896R91	IH	472636 <sup>28</sup>	359789R91	IH	470380 <sup>28</sup>	35X54X8SC	TRSCM	35X54X8 <sup>28</sup>
358777R91	IH	416444	3588R	JN-MN	416888 <sup>28</sup>	359790R91	IH	450183	35X54X8TC	TRSCM	35X54X8 <sup>28</sup>
358780R91	IH	417316 <sup>28</sup>	3588R	JN-MN	455200	359790R91	IH	472179	35X55X11	TIMKE	35X55X11
358780R91	IH	455004	35890	GARLK	417363	3597B	JN-MN	450389	35X55X11SC	TRSCM	35X55X11
358783R91	IH	472439	358922C91	IH	415960	3597B	JN-MN	472492 <sup>28</sup>	35X55X11TC	TRSCM	35X55X11
358784R91	IH	471419	358922C91	IH	455009	359813R91	IH	450869	35X55X8	TIMKE	35X55X8
358784R91	IH	473367	358981	WHITE	416288 <sup>28</sup>	35986	CONTI	416956	35X55X8SC	TRSCM	35X55X8 <sup>28</sup>
358785R91	IH	473421	359042R91	IH	470120	3598F	OSHKO	470163	35X55X8TC	TRSCM	35X55X8 <sup>28</sup>
358787R91	IH	6163S	359042R91	IH	471224 <sup>28</sup>	3598F	OSHKO	471766 <sup>28</sup>	35X56X10SC	TRSCM	35X56X10 <sup>28</sup>
358790R91	IH	473010 <sup>28</sup>	35905	C-R	5279	359917C91	IH	370001A	35X56X10TC	TRSCM	35X56X10 <sup>28</sup>
358791R91	IH	411394 <sup>28</sup>	35905	C-R	710056	359917C91	IH	6638S	35X56X10TC	TRSCM	35X56X10 <sup>28</sup>
358791R91	IH	450317	35905	SKF	5279	359917C91	NAVST	380001A	35X56X8	TIMKE	35X56X8
358794R91	IH	455005	35905	SKF	710056	35992	CONTI	455079 <sup>28</sup>	35X58X10	SIMRT	35X58X10
358795R91	IH	456105	359051R91	IH	473215 <sup>28</sup>	359922C91	IH	370182A	35X58X10	TIMKE	35X58X10
358798R91	IH	6312	359056R91	IH	470380 <sup>28</sup>	359922C91	NAVST	370048A	35X58X10	TIMKE	35X58X10
358801R91	IH	472560N <sup>28</sup>	35907	NEWPR	714654	359922C91	NAVST	380048A	35X58X10SC	TRSCM	35X58X10
358801R91	IH	50151S	35908F	DIA	5408	359926C92	IH	370023A	35X58X10TC	TRSCM	35X58X10
358802R91	IH	471267 <sup>28</sup>	35909F	DIA	5408	359926C92	NAVST	380023A	35X60X10	FORSH	35X60X10 <sup>28</sup>
358803R91	IH	413469 <sup>28</sup>	3591	TIMKE	3591	359928C92	IH	415064	35X60X10	SIMRT	35X60X10 <sup>28</sup>
358804R91	IH	471765 <sup>28</sup>	35910	GARLK	416666	359951R92	IH	473517 <sup>28</sup>	35X60X10	TIMKE	35X60X10
358805R91	IH	471570 <sup>28</sup>	359126R91	IH	471869	359952R91	IH	473517 <sup>28</sup>	35X60X10	TIMKE	35X60X10
358806R91	IH	450048	359126R91	IH	473459	359952R92	IH	473517 <sup>28</sup>	35X60X10SC	TRSCM	35X60X10 <sup>28</sup>
358807R91	IH	473213 <sup>28</sup>	359126R93	IH	471869	35A10019	MINNM	472258 <sup>28</sup>	35X60X10SC	TRSCM	35X60X10 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
35X60X10TC <sup>28</sup>	TRSCM	35X60X10	360692R91	IH	472924 <sup>28</sup>	3618	TIMKE	3618	362408R91	IH	471750 <sup>28</sup>
			360693R91	IH	410737 <sup>28</sup>	36185	C-R	416047	362409R91	IH	415043
35X62X7	TIMKE	35X62X7	360693R91	IH	450737	36185	C-R	416332 <sup>28,29</sup>	362410R91	IH	416288 <sup>28</sup>
35X62X7SC	TRSCM	35X62X7 <sup>28</sup>	360694R91	IH	471869	36185	SKF	416047	362411R91	IH	412119 <sup>28</sup>
35X62X7TC	TRSCM	35X62X7 <sup>28</sup>	360694R91	IH	473459	36185	SKF	416332	362411R91	IH	450101
35X62X8SB	TRSCM	35X62X7 <sup>28</sup>	360694R92	IH	471869	36186	C-R	416332 <sup>28,29</sup>	362412R91	IH	450030
35X62X9SC	TRSCM	1955	360694R92	IH	473459	36186	SKF	416332	362412R91	IH	474253
35X70X8SC	TRSCM	35X70X8	3607	NATL	3907	3619687	CHRYS	6186	362413R91	IH	240009
35X70X8TC	TRSCM	35X70X8	3608RC	SUL	471866 <sup>28</sup>	362	BORGW	6988H	362414R91	IH	471466 <sup>28</sup>
35X80X8SC	TRSCM	35X80X8	3609	NATL	1962	362000	MECH	370030A	362420R91	IH	416288 <sup>28</sup>
35X80X8TC	TRSCM	35X80X8	360964R92	IH	471869	36202	CUSH	6832S	3625B	JN-MN	473245 <sup>28,29</sup>
36	BL-KN	415988	360964R92	IH	473459	36202E	CUSH	205004	362648	GMC	483488
36005	C-R	229210	360A26010	TROS	35949N	36202F	CUSH	205004	362.730	ELRNG	710790
36005	SKF	229210	361000	MECH	370003A	36204	C-R	710894	362.740	ELRNG	710788
36006J	DIA	412943	361000	MECH	380003A	36204	SKF	710894	362767R91	IH	413246
36006M	DIA	411500	36101	TROS	5756	36208M	DIA	455151	362767R91	IH	413246N
360076R92	IH	470045	361017	LILIS	471192	3620B	JN-MN	470548	36277	SPICE	415085 <sup>28</sup>
360076R92	IH	476838 <sup>28</sup>	361025R91	IH	417316 <sup>28</sup>	3620B	JN-MN	470625 <sup>28</sup>	36277	VIC	415085 <sup>28</sup>
36013	C-R	92X120X13 <sup>28</sup>	361025R91	IH	455004	362119R91	IH	450076	36282	C-R	370012A
36013	SKF	92X120X13	361049R91	IH	410737 <sup>28</sup>	362119R91	IH	470334 <sup>28</sup>	36282	SKF	370012A
360135R91	IH	470059	361049R91	IH	450737	362119R92	IH	450076	36285	C-R	370012A
360135R91	IH	470380 <sup>28</sup>	36106	WAYNE	470596	362119R92	IH	470334 <sup>28</sup>	36285	SKF	370012A
360136R91	IH	415458 <sup>28</sup>	3610RC	SUL	417073	362119R93	IH	450076	36289	C-R	55353
360136R91	IH	455003	3611035	WOOL	418028	362119R93	IH	470334 <sup>28</sup>	36289	SKF	55353
360137R91	IH	471567 <sup>28</sup>	3611035	WOOL	455137 <sup>28</sup>	3621947	MOPAR	370048A	3628B	JN-MN	415035 <sup>28</sup>
36015	C-R	92X120X13 <sup>28</sup>	361165	GMC	9613S	36220	C-R	415937 <sup>28,29</sup>	3628B	JN-MN	455035
36015	SKF	92X120X13	361170	HYST	455144	36220	SKF	415937	362A	BORGW	6988H
3601B	JN-MN	455117 <sup>29</sup>	36120	C-R	39882	36222	C-R	455260 <sup>29</sup>	362F220	TRANG	415003
360251R91	IH	415001 <sup>28</sup>	36120	SKF	39882	36222	SKF	455260	362F220	TRANG	415458 <sup>28</sup>
360251R91	IH	455001	361248R91	IH	416654 <sup>28</sup>	362220	GR-DV	415458 <sup>28</sup>	362RC	SUL	470163
360252R91	IH	416444	361248R91	IH	455012	362220	GR-DV	455003	362RC	SUL	471766 <sup>28</sup>
360253R91	IH	450069	361248R92	IH	416654 <sup>28</sup>	362220K	SUL	415458 <sup>28</sup>	362W475	CONE	5167
360253R91	IH	473232	361248R92	IH	455012	362220K	SUL	455003	363	IDECO	415035 <sup>28</sup>
360254R91	IH	471570 <sup>28</sup>	3612A	JN-MN	472354 <sup>28</sup>	362220K	SUL	455003	363	IDECO	455035
360255R91	IH	450365	3612A	JN-MN	50395S	362272C91	IH	471466 <sup>28</sup>	363000	MECH	370005A
360255R91	IH	470898	36140	TROS	473450 <sup>28</sup>	36228	BUC-E	415234 <sup>28</sup>	3630051	GMC	473179 <sup>28</sup>
36030	GARLK	417365	361400	MECH	370003A	3622S	TIMKE	3622	36309F	DIA	450083
36030400	WHITE	473237 <sup>28</sup>	361400	MECH	380003A	36234	C-R	39813	36309F	DIA	472924 <sup>28</sup>
360304B	HERCU	473237 <sup>28</sup>	36145	C-R	5277	36234	SKF	39813	36314	C-R	417355 <sup>28</sup>
360374R91	IH	471466 <sup>28</sup>	36145	SKF	5277	362398R91	IH	417247 <sup>28</sup>	36314	SKF	417355
360375R91	IH	450083	36147	C-R	3909	362399R91	IH	450085	36314	SKF	417355
360375R91	IH	472924 <sup>28</sup>	36147	SKF	3909	362399R91	IH	470530 <sup>28</sup>	363157R91	IH	415027 <sup>28</sup>
360388R91	IH	450869	36155	C-R	417698	3623B	JN-MN	416664 <sup>28</sup>	363157R91	IH	455027
3604	TIMKE	3604	36155	C-R	417698	3623B	JN-MN	455364	3632	C-R	7929S
360436R91	IH	473215 <sup>28</sup>	36155	SKF	417698	3623RC	SUL	415066	3632	SKF	7929S
360438R91	IH	450869	36157	C-R	417698	362400	MECH	370030A	3632	SKF	7929S
360440R91	IH	416654 <sup>28</sup>	36157	SKF	417698	362400R91	IH	415066	3633416	CHRYS	323138 <sup>28</sup>
360440R91	IH	455012	36158	C-R	456744N	362400R91	IH	415066	3633518	GMC	2043
360440R92	IH	416654 <sup>28</sup>	36158	SKF	456744N	362401R91	IH	417316 <sup>28</sup>	363374C91	IH	482267
360440R92	IH	455012	361648	GMC	483488	362401R91	IH	455004	3633979	CHRYS	370048A
360457R91	IH	417316 <sup>28</sup>	36166	C-R	415389 <sup>29</sup>	362402	SPICE	415458 <sup>28</sup>	3633979	CHRYS	370182A
360457R91	IH	455004	36166	SKF	415389	362402	SPICE	475458	3633979	CHRYS	380048A
3604B	JN-MN	455462 <sup>29</sup>	36177	GMC	3357	362402	VIC	415458 <sup>28</sup>	36340	C-R	417355 <sup>28</sup>
36050	GARLK	415072	36177	C-R	416047	362402	VIC	475458	36340	SKF	417355
360507	WHITE	410694 <sup>28</sup>	36177	C-R	416332 <sup>28,29</sup>	362402R91	IH	416339	363400	MECH	370005A
36060	VICK	6590S	36177	SKF	416047	362402R91	IH	455031 <sup>28</sup>	3634349	CHRYS	6808N
360662R91	IH	417350 <sup>28</sup>	36179	SKF	416332	362402R91	IH	410987 <sup>28</sup>	363511R91	IH	450083
360662R91	IH	455479	36179	C-R	487397V	362403R91	IH	410987 <sup>28</sup>	363511R91	IH	472924 <sup>28</sup>
			3618	C-R	340827	362403R91	IH	450103	363512R91	IH	455018
			3618	SKF	340827	362405R91	IH	410694 <sup>28</sup>	363512R91	IH	476470
			3618	C-R	340827	362406R91	IH	470027	363513R91	IH	450313
			3618	SKF	340827	362406R91	IH	471554 <sup>28</sup>	363514R91	IH	450076
			3618	SKF	340827	362407R91	IH	450084 <sup>28</sup>			

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
363514R91	IH	470334 <sup>28</sup>	364400	MECH	370178A	364SZ15	MACK	473473	36536	MALL	350974 <sup>28</sup>
363514R92	IH	450076	364468R91	IH	470120	364SZ151	MACK	413469 <sup>28</sup>	3653617	GMC	5M89
363514R92	IH	470334 <sup>28</sup>	364468R91	IH	471224 <sup>28</sup>	364SZ17	MACK	450316	3653618	GMC	411330N
363514R93	IH	470334 <sup>28</sup>	364469R91	IH	471750 <sup>28</sup>	364SZ17	MACK	472636 <sup>28</sup>	365408XX	TIMKE	36X54X8
36352	ACF	415219	364470R91	IH	470059	364SZ174	MACK	472475	365416R91	IH	450085
36352	HYST	415219	364470R91	IH	470380 <sup>28</sup>	364SZ18	MACK	450316	365416R91	IH	470530 <sup>28</sup>
36352	SPICE	5131	364471R91	IH	470045	364SZ18	MACK	472636 <sup>28</sup>	365434R91	IH	415449 <sup>28</sup>
36356	C-R	370011A	364471R91	IH	476838 <sup>28</sup>	364SZ188	MACK	416364 <sup>28</sup>	365434R91	IH	455147
36356	SKF	370011A	364472R91	IH	473215 <sup>28</sup>	364SZ189	MACK	7866S	36544C	DIA	450194
36357	C-R	370011A	364473R91	IH	470045	364SZ234	MACK	472164 <sup>28</sup>	36544C	DIA	473010
36357	SKF	370011A	364473R91	IH	476838 <sup>28</sup>	364SZ35	MACK	416654 <sup>28</sup>	365458	WHITE	476283N
36358	C-R	370011A	364474R91	IH	470059	364SZ35	MACK	455012	36549F	DIA	450076
36358	SKF	370011A	364474R91	IH	470380 <sup>28</sup>	364SZ35A	MACK	475012N	36549F	DIA	470334 <sup>28</sup>
363588	AL-KO	370219A	364475R91	IH	471750 <sup>28</sup>	364SZ36	MACK	475012N	365525R91	IH	450040
36361	C-R	416125 <sup>28,29</sup>	364476R91	IH	470120	364SZ38	MACK	450316	365526R91	IH	450082
36361	SKF	416125	364476R91	IH	471224 <sup>28</sup>	364SZ38	MACK	472636 <sup>28</sup>	365526R91	IH	473238
36361	SPICE	722108	364477R91	IH	473215 <sup>28</sup>	364SZ40	MACK	473228 <sup>28</sup>	365528R91	IH	473010 <sup>28</sup>
363615	WAGMA	473010 <sup>28</sup>	3644D	GOODM	416888 <sup>28</sup>	364SZ43	MACK	472394	365576R91	IH	470120
36362	SPICE	710068	3644D	GOODM	455200	364SZ44	MACK	410312N	365576R91	IH	471224 <sup>28</sup>
36363	C-R	416125 <sup>28,29</sup>	3644F	GOODM	416888 <sup>28</sup>	364SZ45	MACK	472394	3655S	TIMKE	3655
36363	SKF	416125	3644F	GOODM	455200	364SZ47	MACK	450400	365610A	HARWA	36X56X10
36364	C-R	416125 <sup>28,29</sup>	3645	C-R	311189 <sup>29</sup>	364SZ52	MACK	415458 <sup>28</sup>	365610XX	TIMKE	36X56X10
36364	SKF	416125	3645	SKF	311189	364SZ52	MACK	455003	365618	GMC	411330N
36365	C-R	370011A	36454TA	TRSCM	415389	364SZ53	MACK	417316 <sup>28</sup>	3656536	GMC	6064
36365	SKF	370011A	364561	WHITE	474278 <sup>28</sup>	364SZ54	MACK	450095	3656537	GMC	6064
36366	SPICE	471271 <sup>28</sup>	364561	WHITE	480356	364SZ54	MACK	473464 <sup>28</sup>	3656538	GMC	6064
36369	SPICE	416273	364578	WHITE	474276 <sup>28</sup>	364SZ56	MACK	410308 <sup>28</sup>	3656817	GMC	450666
363716	WHITE	5751	36464TA	TRSCM	416047	364SZ56	MACK	450308	3657616	GMC	471192
3637203	CHRYS	410496 <sup>28</sup>	36464TA	TRSCM	416332 <sup>28</sup>	364SZ59	MACK	471787 <sup>28</sup>	365766R91	IH	450085
3637228	CHRYS	481181	364692R91	IH	417350 <sup>28</sup>	364SZ61	MACK	415041	365766R91	IH	470530 <sup>28</sup>
3637228	CHRYS	481181N	364692R91	IH	455479	364SZ62	MACK	476283N	365767R91	IH	415449 <sup>28</sup>
363771R91	IH	413246	364707B	HARWA	36X47X7	364SZ66	MACK	450352	365767R91	IH	455147
363771R91	IH	413246N	364707XX	TIMKE	3622	364SZ66	MACK	472164 <sup>28</sup>	365808XX	TIMKE	36X58X8
36378	C-R	370002A	364724R91	NAVST	450085	364SZ66A	MACK	450352	365810A	HARWA	36X58X12
36378	C-R	370012A	364724R91	NAVST	470530	364SZ66A	MACK	472164 <sup>28</sup>	365812XX	TIMKE	36X58X12
36378	SKF	370002A	364759	WHITE	450593 <sup>28</sup>	364SZ70	MACK	480630 <sup>28</sup>	365874	WHITE	415001 <sup>28</sup>
36378	SKF	370012A	364800	GMC	3698	364SZ81	MACK	417344 <sup>28</sup>	3659486	CLARK	353141 <sup>28</sup>
3638	TIMKE	3638	364808	WHITE	472164 <sup>28</sup>	364SZ81	MACK	455006	3659486	GMC	353141 <sup>28</sup>
36382	C-R	417499 <sup>29</sup>	364861R91	IH	417350 <sup>28</sup>	364SZ83	MACK	417171 <sup>28</sup>	3659542	GMC	410085
36382	SKF	417499	364861R91	IH	455479	364SZ84	MACK	471231 <sup>28</sup>	3659542	GMC	470530 <sup>28</sup>
363821R91	IH	472439	36487	SPICE	470682	364SZ86	MACK	471570 <sup>28</sup>	3660089	GMC	6090S
36383	C-R	370012A	36487-1	SPICE	470682	364SZ88	MACK	471442 <sup>28</sup>	3660091	GMC	6090S
36383	C-R	370023A	364874	WHITE	415001 <sup>28</sup>	364SZ88A	MACK	471442 <sup>28</sup>	36614	C-R	710288
36383	C-R	380023A	3648E	GOODM	416154 <sup>28</sup>	364SZ90	MACK	472015 <sup>28</sup>	36614	SKF	710288
36383	SKF	370012A	364SZ101	MACK	475380N	364SZ91	MACK	413246	366207A	HARWA	36X62X7 <sup>28</sup>
36383	SKF	370023A	364SZ109	MACK	471820	364SZ91	MACK	413246N	366207XX	TIMKE	36X62X7
36383	SKF	380023A	364SZ111	MACK	417484N	364SZ95	MACK	472015 <sup>28</sup>	36621	C-R	710803
36389	C-R	417500	364SZ111	MACK	455322	36500	HYST	473245 <sup>28</sup>	36621	SKF	710803
36389	SKF	417500	364SZ112	MACK	351267	365007XX	TIMKE	36X50X7	366.230	ELRNG	710764
36391	C-R	415832 <sup>28</sup>	364SZ112	MACK	471267 <sup>28</sup>	365008	TIMKE	365008	3663166	GMC	450666
36391	SKF	415832	364SZ118	MACK	240414	365046	WHITE	475009N	36634M	DIA	415001 <sup>28</sup>
363SH47	MACK	472636 <sup>28</sup>	364SZ119	MACK	415991	36506	EATON	370023A	3664	US-EL	481443 <sup>28</sup>
36408	OLIVE	415995 <sup>28</sup>	364SZ122	MACK	471424 <sup>28</sup>	36506	EATON	380023A	366400	MECH	370027A
36408	OLIVE	455013	364SZ129	MACK	410101N	3650633	GMC	410987 <sup>28</sup>	36644M	DIA	417484N
3643321	CHRYS	7188S	364SZ136	MACK	475009N	3650633	GMC	450103	36644M	DIA	475322N
36433VTB	TRSCM	456744N	364SZ13A	MACK	417181 <sup>28</sup>	3651493	GMC	415234 <sup>28</sup>	3664520	GMC	473313
364341	SPICE	450291	364SZ14	MACK	323138 <sup>28</sup>	365207A	HARWA	36X52X7	36649	CHRYS	410308 <sup>28</sup>
364341	SPICE	471141 <sup>28</sup>	364SZ145	MACK	472560N <sup>28</sup>	365207XX	TIMKE	36X52X7	36649	CHRYS	450308
364341	VIC	450291	364SZ145	MACK	50151S	3652523	GMC	470606 <sup>28</sup>	36650	C-R	710266
364341	VIC	471141 <sup>28</sup>	364SZ148	MACK	476500N	36531	CHRYS	471231 <sup>28</sup>	36650	SKF	710266

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
36658	C-R	355660H	3686571	GMC	450666	36A2883661	GE	415281N	370021A	TIMKE	370021A
36658	SKF	355660H	3686593	GMC	414045 <sup>2B</sup>	36SR-13	MACK	370007A	370022A	TIMKE	370022A
3667	TIMKE	3667	36868	GMC	471705 <sup>2B</sup>	36X47X7	SIMRT	36X47X7	370023A	NATL	456618
366810XX	TIMKE	36X68X10	3687	C-R	330385 <sup>2B</sup>	36X47X7	TIMKE	36X47X7	370023A	TIMKE	370023A
3668B	JN-MN	413469 <sup>2B,29</sup>	3687	SKF	330385	36X47X7SC	TRSCM	36X47X7	370024A	TIMKE	370024A
3669156	GMC	412119 <sup>2B</sup>	368723R91	IH	450076	36X47X7TC	TRSCM	36X47X7	370025A	TIMKE	370025A
3669157	GMC	417316 <sup>2B</sup>	368723R91	IH	470334 <sup>2B</sup>	36X50X7	TIMKE	36X50X7	370025T	NATL	380025A
3669157	GMC	455004	368724R91	IH	471869	36X50X7SC	TRSCM	36X50X7 <sup>2B</sup>	370025X	FRUEH	370025A
366937C91	IH	475012N	368724R91	IH	473459	36X50X7TC	TRSCM	36X50X7 <sup>2B</sup>	370025X	FRUEH	380025A
366982C91	IH	712937	368725R91	IH	416654 <sup>2B</sup>	36X52X7	SIMRT	36X52X7	370025X	FRUEH	386025A
367	CHEL	470163	368725R91	IH	455012	36X52X7	TIMKE	36X52X7	370026A	TIMKE	370026A
367	CHEL	471766 <sup>2B</sup>	36880	C-R	55030	36X52X7SC	TRSCM	36X52X7	370027A	TIMKE	370027A
3670B	JN-MN	417316 <sup>2B</sup>	36880	SKF	55030	36X52X7TC	TRSCM	36X52X7	370028A	TIMKE	370028A
3670B	JN-MN	455004	368829R91	IH	455500	36X54X8	TIMKE	36X54X8	370029A	TIMKE	370029A
367162R91	IH	470380 <sup>2B</sup>	3688B	JN-MN	470403	36X54X8SC	TRSCM	36X54X8	37003	SPICE	413248
367163R91	IH	473215 <sup>2B</sup>	3688B	JN-MN	470774 <sup>2B</sup>	36X54X8TC	TRSCM	36X54X8	370030A	TIMKE	370030A
3671B	JN-MN	450070	3689176	GMC	350394	36X56X10	SIMRT	36X56X10	370031A	TIMKE	370031A
3671B	JN-MN	472185 <sup>2B</sup>	3689176	GMC	473227	36X56X10	TIMKE	36X56X10	370032	WHITE	410496 <sup>2B</sup>
36727	SPERY	204013	36897	GMC	470027	36X56X10SC	TRSCM	36X56X10	370033A	TIMKE	370033A
36727	VICK	204013	36897	GMC	471554 <sup>2B</sup>	36X56X10TC	TRSCM	36X56X10	370034A	TIMKE	370034A
3672B	JN-MN	415449 <sup>2B</sup>	3689758	GMC	472015 <sup>2B</sup>	36X58X10	NATL	36X58X8 <sup>2B</sup>	370036A	NATL	370349A
3672B	JN-MN	455147	36898J	DIA	415371	36X58X12	SIMRT	36X58X12	370036A	TIMKE	370036A
3673B	JN-MN	416706 <sup>2B</sup>	36899R	DIA	415697 <sup>2B</sup>	36X58X12	TIMKE	36X58X12	370037A	TIMKE	370037A
3673B	JN-MN	455272	36899R	DIA	455547	36X58X12SC	TRSCM	36X58X12	370038A	TIMKE	370038A
36740	C-R	416919 <sup>2B</sup>	368D6	WHITE	415960 <sup>2B</sup>	36X58X12TC	TRSCM	36X58X12	370039A	TIMKE	370039A
36740	C-R	416919N	368D6	WHITE	455009	36X58X8SC	TRSCM	36X58X8 <sup>2B</sup>	370043A	TIMKE	370043A
36740	SKF	416919	368RC	SUL	470059	36X58X8TC	TRSCM	36X58X8 <sup>2B</sup>	370046A	TIMKE	370046A
36740	SKF	416919N	368RC	SUL	470380 <sup>2B</sup>	36X62X7	SIMRT	36X62X7 <sup>2B</sup>	370047A	TIMKE	370047A
3674B	JN-MN	416654 <sup>2B</sup>	369072	DIA	415991	36X62X7	TIMKE	36X62X7	370048A	NATL	370182A
3674B	JN-MN	455012	3691B	JN-MN	470064	36X62X7SC	TRSCM	36X62X7 <sup>2B</sup>	370048A	TIMKE	370048A
3675072	GMC	411330N	3691B	JN-MN	471821 <sup>2B</sup>	36X62X7TC	TRSCM	36X62X7 <sup>2B</sup>	370051A	TIMKE	370051A
3675098	GMC	472439	3692B	JN-MN	416271 <sup>2B</sup>	36X68X10	TIMKE	36X68X10	370054A	TIMKE	370054A
36769J	DIA	473215 <sup>2B</sup>	369316R91	IH	415001 <sup>2B</sup>	36X68X10SC	TRSCM	36X68X10	370057A	TIMKE	370057A
3677	TIMKE	3677	369316R91	IH	455001	36X68X10TC	TRSCM	36X68X10	370063A	TIMKE	370063A
36770	C-R	417501 <sup>29</sup>	369317R91	IH	418029 <sup>2B</sup>	3700	NATL	7044NA	370064A	TIMKE	370064A
36770	SKF	417501	369317R91	IH	455499	370000	MECH	370023A	370065A	NATL	376590A
3677B	JN-MN	416047	369318R91	IH	455500	370000	MECH	380023A	370065A	TIMKE	370065A
3677B	JN-MN	416332 <sup>2B</sup>	369319R91	IH	417316 <sup>2B</sup>	370001A	NATL	6638S	370066A	TIMKE	370066A
3678151	GMC	411330N	369319R91	IH	455004	370001A	TIMKE	370001A	370069A	TIMKE	370069A
367956R91	IH	340771	369380R91	IH	7208S	370001T	NATL	380001A	370078A	TIMKE	370078A
367957R91	IH	340771	3693B	JN-MN	416339	370002A	TIMKE	370002A	370086	WHITE	450316
3680	C-R	330385 <sup>2B</sup>	3693B	JN-MN	455031 <sup>2B</sup>	370003A	TIMKE	370003A	370086	WHITE	472636 <sup>2B</sup>
3680	SKF	330385	36944	C-R	5532	370003T	NATL	380003A	370086A	TIMKE	370086A
3680994	GMC	2081	36944	SKF	5532	370004A	TIMKE	370004A	370094A	TIMKE	370094A
3681302	CHRYSLER	415349	369.470	ELRNG	710849	370005A	TIMKE	370005A	3700OS	JN-MN	417549 <sup>2B,29</sup>
3681B	JN-MN	415458 <sup>2B</sup>	3694B	JN-MN	450316	370006A	TIMKE	370006A	3700RC	SUL	411376 <sup>2B</sup>
3681B	JN-MN	455003	3694B	JN-MN	472636 <sup>2B</sup>	370007A	TIMKE	370007A	3700RC	SUL	455093
368240	WAGMA	417562	3694T2	DIA	240731	370008A	TIMKE	370008A	370106A	TIMKE	370106A
368252C91	IH	7600S	3695042	HR-DV	471571	370009A	TIMKE	370009A	370107A	TIMKE	370107A
3683	C-R	240385	3695B	JN-MN	473213 <sup>2B</sup>	370010A	TIMKE	370010A	370109A	TIMKE	370109A
3683	SKF	240385	3697029	GMC	6985	370011A	TIMKE	370011A	370119A	TIMKE	370119A
3684530	GMC	6358	3697114	GMC	473227	370012A	TIMKE	370012A	37012	HYST	415072
36850F	DIA	415003	3697B	JN-MN	472394 <sup>29</sup>	370013A	TIMKE	370013A	370120A	TIMKE	370120A
36850F	DIA	415458 <sup>2B</sup>	3698	TIMKE	3698	370014A	TIMKE	370014A	370121A	TIMKE	370121A
368621C91	IH	471138 <sup>2B</sup>	3698B	JN-MN	416229 <sup>29</sup>	370015A	TIMKE	370015A	370124A	TIMKE	370124A
368629R91	IH	200895	3699678	CHRYSLER	3087	370018A	TIMKE	370018A	370131A	TIMKE	370131A
3686530	GMC	6358	3699678AB	CHRYSLER	3087	370019A	TIMKE	370019A	370132A	TIMKE	370132A
3686537	GMC	6358	3699678AB	MOPAR	3087	37002	HYST	417562	370145A	TIMKE	370145A
3686551	GMC	6358	369978	GMC	414045 <sup>2B</sup>	370020A	NATL	370021A	37015	C-R	717005
3686563	GMC	2081	3699B	JN-MN	417247 <sup>2B</sup>	370020A	TIMKE	370020A	37015	SKF	717005

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
370150A	TIMKE	370150A	370510R91	IH	472560N <sup>28</sup>	3707356	GMC	485497	3714RC	SUL	451469
370165A	TIMKE	370165A	370510R91	IH	50151S	3707389	GMC	5458	3715RC	SUL	417485
370166A	TIMKE	370166A	370513R91	IH	470548	37075	C-R	95X130X12	371671	GMC	5458 <sup>30</sup>
370169A	TIMKE	370169A	370513R91	IH	470625 <sup>28</sup>	37081			3716B	JN-MN	471869
370173A	NATL	370005A	370517R91	IH	450352	37075	SKF	95X130X12	3716B	JN-MN	473459
370173A	TIMKE	370173A	370517R91	IH	472164 <sup>28</sup>	37081	C-R	95X130X12	3716RC	SUL	416738 <sup>28</sup>
370175A	TIMKE	370175A	370570	WHITE	475012N	37081	SKF	95X130X12	3716RC	SUL	450096
370178A	NATL	416888	3705725	GMC	6818	37087	GEM	470120	3717671	GMC	5458
370178A	TIMKE	370178A	3705796	GMC	450666	37087	GEM	471224 <sup>28</sup>	3717672	GMC	417355 <sup>28</sup>
370179A	NATL	9339S	3705B	JN-MN	415379 <sup>28</sup>	37087	GEM	471224 <sup>28</sup>	3717672	GMC	485497
370179A	TIMKE	370179A	3705B	JN-MN	455379	3708B	JN-MN	415645 <sup>28</sup>	371797C91	IH	6988H
370181A	TIMKE	370181A	3706126	GMC	472164 <sup>28</sup>	3708B	JN-MN	455104	371876	SPICE	473235 <sup>28</sup>
370182A	TIMKE	370182A	370651C91	IH	410101N	37097D	IH	450185	371876	STUDE	473235 <sup>28</sup>
370192A	TIMKE	370192A	3706B	JN-MN	416288 <sup>28,29</sup>	37097D	IH	473229	3718RC	SUL	473446
370195A	TIMKE	370195A	370-7005	STEM	370013A	3709B	JN-MN	471424 <sup>28</sup>	37194	SPICE	411348 <sup>28</sup>
370198A	TIMKE	370198A	370-7006	STEM	370002A	371000	MECH	370019A	37194	VIC	411348 <sup>28</sup>
370199A	TIMKE	370199A	370-7007	STEM	370025A	371-0013	STEM	370036A	371D6	WHITE	6270
3702068	GMC	6712NA	370-7007	STEM	380025A	371-0013	STEM	370349A	371SL16	MACK	240356
370211A	TIMKE	370211A	370-7007	STEM	386025A	371-0013	STEM	380036A	372000	MECH	370021A
370212A	TIMKE	370212A	370-7008	STEM	370029A	371-0023	STEM	370065A	3720002	GMC	6818
370216A	NATL	370025A	370-7009	STEM	370002A	371-0023	STEM	376590A	37201	TROS	450666
370219A	TIMKE	370219A	370-7011	STEM	370002A	371-0023	STEM	380065A	37202	TROS	450666
370219BG	NATL	370219A	370-7013	STEM	370036A	371-0043	STEM	370025A	372068	GMC	6712NA
370220A	TIMKE	370220A	370-7013	STEM	370037A	371-0043	STEM	380025A	372187R91	IH	416239 <sup>28</sup>
3702255	GMC	417355 <sup>28</sup>	370-7013	STEM	370349A	371-0043	STEM	386025A	3721RC	SUL	470045
3702255	GMC	485497	370-7013	STEM	380036A	37101	TROS	5070	3721RC	SUL	476838 <sup>28</sup>
370247A	TIMKE	370247A	370-7015	STEM	370192A	37103	HYST	416476 <sup>28</sup>	37222	SPICE	2081
37025	C-R	95X115X12	370-7016	STEM	370004A	37103	TROS	6064	37224	CHRYS	471419
37025	SKF	95X115X12	370-7018	STEM	370008A	37104	TROS	6064	37224	CHRYS	473367 <sup>28</sup>
370254R91	IH	200763	370-7022	STEM	370026A	3711412	GMC	417355 <sup>28</sup>	37229	SPICE	415960
37026	C-R	5274	370-7023	STEM	370065A	3711412	GMC	485497	3722RC	SUL	473446
37026	SKF	5274	370-7023	STEM	376590A	3711B	JN-MN	415072 <sup>29</sup>	372394R91	IH	6200
37027	C-R	4359V	370-7023	STEM	380065A	3711LUP	JN-MN	415072	3723B	JN-MN	415076 <sup>29</sup>
37027	SKF	4359V	370-7024	STEM	370107A	3711RC	SUL	473450	3723RC	SUL	415196 <sup>28</sup>
37030	C-R	710060	370-7025	STEM	370027A	37120	AMC	470077	372400	MECH	370021A
37030	SKF	710060	370-7031	STEM	370036A	37120	AMC	474281 <sup>28</sup>	3724.12	PEUGE	224052
370338A	NATL	370037A	370-7031	STEM	370349A	3712726	GMC	240698	372418	PEUGE	224520
370338A	TIMKE	370338A	370-7031	STEM	380036A	3712738	GMC	340797	372418	TALBO	224520
370349A	NATL	370036A	370-7043	STEM	370025A	37129	AMC	473448	372438R91	IH	200763
370349A	TIMKE	370349A	370-7043	STEM	380025A	3712B	JN-MN	416107 <sup>28</sup>	372440R91	IH	200895
370352A	TIMKE	370352A	370-7043	STEM	386025A	3712B	JN-MN	455073	372442R91	IH	7208S
370371A	TIMKE	370371A	370-7044	STEM	370037A	3712RC	SUL	470074	372474R91	IH	200763
37039	C-R	95X120X12	370-7044	STEM	370338A	3712RC	SUL	474265	372476R91	IH	200895
37039	SKF	95X120X12	370-7046	STEM	370010A	37132	DENCO	471801 <sup>28</sup>	3725	C-R	350156
37040	C-R	95X120X12	370-7048	STEM	370046A	3713B	JN-MN	417555 <sup>28,29</sup>	3725	C-R	473096 <sup>28</sup>
37040	SKF	95X120X12	370-7049	STEM	370014A	371400	MECH	370019A	3725	SKF	350156
370400	MECH	370023A	370-7055	STEM	370013A	371409R91	IH	470548	3725	SKF	473096
370400	MECH	380023A	370-7091	STEM	370107A	371409R91	IH	470625 <sup>28</sup>	37257	AMC	410312N
3704463	GMC	450666	370-7095	STEM	370037A	37141	GEM	323138 <sup>28</sup>	3725850	GMC	6985
370463	BENDI	471442 <sup>28</sup>	370-7095	STEM	370338A	37141	TROS	5836	3725883	GMC	5458
37047	C-R	95X125X12	370-7097	STEM	370025A	371410R91	IH	472560N <sup>28</sup>	3725884	GMC	5458
37047	SKF	95X125X12	370-7097	STEM	380025A	371410R91	IH	50151S	3725885	GMC	5458
370492	GMC	471466 <sup>28</sup>	370-7097	STEM	386025A	371411R91	IH	450352	3726RC	SUL	416229
3704B	JN-MN	417605 <sup>29</sup>	370-7098	STEM	370036A	371411R91	IH	472164 <sup>28</sup>	3727	C-R	350156
37050	C-R	95X125X12	370-7098	STEM	370349A	3714713	GMC	5458	3727	C-R	473096 <sup>28</sup>
37050	SKF	95X125X12	370-7098	STEM	380036A	3714771	GMC	411330N	3727	SKF	350156
370509	WHITE	472015 <sup>28</sup>	370-7099	STEM	370065A	3714786	GMC	6818	3727	SKF	473096
			370-7099	STEM	376590A	371498C91	IH	100495	372-7003	STEM	370036A
			370-7099	STEM	380065A	371498C91	IH	415281N	372-7004	STEM	370057A
			3707356	GMC	417355 <sup>28</sup>	371498C91	IH	476023N	372-7005	STEM	370013A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
372-7006	STEM	370002A	373-0243	STEM	370025A	3738RC	SUL	450316	37444	C-R	710896
372-7008	STEM	370029A	373-0243	STEM	380025A	3738RC	SUL	472636 <sup>28</sup>	37444	SKF	710896
372-7009	STEM	370002A	373-0243	STEM	386025A	37390	C-R	415963N	3744925	MOPAR	8121S
372-7015	STEM	370192A	3730317	GMC	5458	37390	SKF	415963N	3744926	MOPAR	6840S
372-7017	STEM	370195A	373-0323	STEM	370065A	37395	C-R	2218	3744991	GMC	415991
372-7018	STEM	370008A	373-0323	STEM	376590A	37395	SKF	2218	3744991	GMC	455146 <sup>28</sup>
372-7022	STEM	370026A	373-0323	STEM	380065A	37396	C-R	415379 <sup>28</sup>	3744RC	SUL	450069
372-7024	STEM	370107A	373-0343	STEM	370025A	37396	C-R	455379	3744RC	SUL	473232
372-7025	STEM	370027A	373-0343	STEM	380025A	37396	SKF	415379	374514	OPEL	3543
372-7046	STEM	370010A	373-0343	STEM	386025A	37396	SKF	455379	374527R91	IH	471267 <sup>28</sup>
372-7048	STEM	370046A	37305	WITTE	450183	374000	MECH	370023A	3745384	GMC	5072 <sup>30</sup>
372-7049	STEM	370014A	37305	WITTE	472179	374000	MECH	380023A	37454PTA	TRSCM	415983N <sup>28</sup>
372-7055	STEM	370013A	37306	SPICE	710304	374006R91	IH	335924N	374596	OPEL	710616
372-7062	STEM	370065A	37311	SPICE	710045	37403	C-R	415963N <sup>28</sup>	3745RC	SUL	473426
372-7062	STEM	376590A	373156R91	IH	413469 <sup>28</sup>	37403	SKF	415963N	3746212	GMC	9613S
372-7062	STEM	380065A	373157R91	IH	416921 <sup>28</sup>	37405	C-R	39608	3746213	GMC	9613S
372-7091	STEM	370107A	373157R91	IH	455011	37405	SKF	39608	37-463-3	SPICE	452554N
372-7095	STEM	370037A	373159R91	IH	416921 <sup>28</sup>	37408	C-R	710085	3746465	GMC	5092
372-7095	STEM	370338A	373159R91	IH	455011	37408	SKF	710085	3746601	GMC	6712NA
372-7097	STEM	370025A	3732	NATL	3732S	3740B	JN-MN	470169	374.680	ELRNG	713771
372-7097	STEM	380025A	37328	C-R	415983V <sup>29</sup>	3740B	JN-MN	473214	3746B	JN-MN	450117
372-7097	STEM	386025A	37328	SKF	415983V	3740LPD	JN-MN	473214 <sup>28</sup>	3746B	JN-MN	472572 <sup>28</sup>
372-7098	STEM	370036A <sup>31</sup>	3732S	TIMKE	3732S	3740LUP	JN-MN	470169	3746RC	SUL	415027 <sup>28</sup>
372-7098	STEM	370349A <sup>16</sup>	37330	C-R	415983N <sup>28</sup>	3740LUP	JN-MN	473214	3746RC	SUL	455027
372-7098	STEM	380036A <sup>31</sup>	37330	SKF	415983N	3740RC	SUL	450298	3747	TIMKE	3747
372-7099	STEM	370065A	37332	C-R	415983V	3740RC	SUL	473239	37474STA	TRSCM	455379
372-7099	STEM	376590A	37332	SKF	415983V	374151	OPEL	3543	3748347	GMC	5072
372-7099	STEM	380065A	37336	C-R	713750	3741512	OPEL	3543	3748568	GMC	473473
372-7099	STEM	386590A	37336	SKF	713750	3741786	GMC	6818	374947	WHITE	50327
37275	AMC	450076	3733706	MOPAR	370001A	374197	OPEL	710616	37494TA	TRSCM	416339
37275	AMC	470334 <sup>28</sup>	37338	C-R	2377	3742042	GMC	6936S	37494TA	TRSCM	455031 <sup>28</sup>
372762R91	IH	351267	37338	SKF	2377	374216	BENDI	474278 <sup>28</sup>	374SK43	MACK	240733
372762R91	IH	471267 <sup>28</sup>	37340	C-R	2377	374216	BENDI	480356	3750	UNIVE	410085
372763R91	IH	351267	37340	C-R	5278	374227	OPEL	710616	3750	UNIVE	470530 <sup>28</sup>
372763R91	IH	471267 <sup>28</sup>	37340	SKF	2377	3742402	GMC	6936S	375000R91	IH	416239 <sup>28</sup>
3727B	JN-MN	417262 <sup>28</sup>	37340	SKF	5278	374248	OPEL	710709	375001R91	IH	416239 <sup>28</sup>
3727B	JN-MN	455448	373400	MECH	370009A	3742583	GMC	2081	37500A	IH	473446
372823	WHITE	6460S	373400	MECH	380009A	374286	WHITE	410987 <sup>28</sup>	3750231	GMC	415437
3728543	GMC	470898	37341	C-R	2377	374286	WHITE	450103	375035X1	MASSE	415003
373	IDECO	415128	37341	SKF	2377	374287	WHITE	415458 <sup>28</sup>	375035X1	MASSE	415458 <sup>28</sup>
373002	BENDI	471103 <sup>28</sup>	37342	C-R	2377	374287	WHITE	455003	37504	C-R	5512
373002	BENDI	50197S	37342	SKF	2377	374293	WHITE	416047	37504	SKF	5512
373-0113	STEM	370036A	3735006	CHRYSL	412119 <sup>28</sup>	374293	WHITE	416332 <sup>28</sup>	37507	C-R	710815
373-0113	STEM	370349A	3735211	CHRYSL	417316 <sup>28</sup>	3742B	JN-MN	450301	37507	SKF	710815
373-0113	STEM	380036A	3735211	CHRYSL	455004	3742B	JN-MN	472397 <sup>28</sup>	3750867	GMC	6358
373-0123	STEM	370065A	37354	C-R	416041	3742RC	SUL	471868	3750E	GOODM	415064
373-0123	STEM	380065A	37354	SKF	416041	3743200	GMC	417355 <sup>28</sup>	3751	C-R	471103 <sup>28</sup>
373-0123	STEM	386590A	373768	BENDI	471192	3743200	GMC	485497	3751	C-R	50197S
373-0143	STEM	370025A	3737894	GMC	6712NA	3743201	GMC	6358	3751	SKF	471103
373-0143	STEM	380025A	3737LPD	JN-MN	417608	3743202	GMC	2081	3751	SKF	50197S
373-0143	STEM	386025A	3737RC	SUL	417606	37433	C-R	417205 <sup>28,29</sup>	3751233	CHRYSL	3095
373-0144	STEM	370037A	37381	C-R	415379	37433	SKF	417205	3751235	CHRYSL	3103 <sup>28</sup>
373-0144	STEM	370338A	37381	SKF	415379	3743698	GMC	417355 <sup>28</sup>	375208A	HARWA	37X52X8
373-0191	STEM	370107A	373822	WHITE	6460S	3743698	GMC	485497	375208XX	TIMKE	37X52X8
373-0213	STEM	370036A	373823	WHITE	6460S	3743719	CHRYSL	471652	375224	CABOT	417316 <sup>28</sup>
373-0213	STEM	370349A	37388	C-R	415379 <sup>29</sup>	3743719	CHRYSL	482208 <sup>28</sup>	375224	CABOT	455004
373-0213	STEM	380036A	37388	SKF	415379	3743915	GMC	415991	375224	GR-DV	417316 <sup>28</sup>
373-0223	STEM	370065A	37389	C-R	2218	3743B	JN-MN	411245 <sup>28</sup>	375224	GR-DV	455004
373-0223	STEM	380065A	37389	SKF	2218	3743B	JN-MN	455096	375224	JA-MI	417316 <sup>28</sup>
373-0223	STEM	386590A	3738B	JN-MN	415938 <sup>29</sup>	374400	MECH	370024A	375224	JA-MI	455004

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
375224	JAE	417316 <sup>28</sup>	3761234	GMC	2055	3772748	GMC	6712NA	3784872	CHRYS	370048A
375224	JAE	455004	3761361	GMC	481181 <sup>28</sup>	37728	GMC	473235 <sup>28</sup>	3784872	CHRYS	370182A
375224K	FAIRB	417316 <sup>28</sup>	3761361	GMC	481181N	37729	SPICE	415960	3784872	CHRYS	380048A
375224K	FAIRB	455004	37619	HYST	415995 <sup>28</sup>	37729	VIC	415960	37857	SPERY	340356
375224K	SUL	417316 <sup>28</sup>	37619	HYST	455013	3772999	GMC	5573 <sup>30</sup>	37857	VICK	340356
375224K	SUL	455004	3761933	GMC	7412S	3773B	JN-MN	473423 <sup>29</sup>	378673C91	IH	470898
375224M1	GOODM	417316 <sup>28</sup>	376215R91	IH	471684 <sup>28</sup>	377400	MECH	370023A	378674C91	IH	410520
375224M1	GOODM	455004	376215R91	IH	471698	377400	MECH	380023A	378674C91	IH	471272 <sup>28</sup>
37524	C-R	455031	37626	HYST	472394	3774S	TIMKE	3774	378717	SPICE	6808N
37524	SKF	455031	3762B	JN-MN	470169	3775184	GMC	7934S	378718	STUDE	450066
37525	C-R	416339 <sup>29</sup>	3762B	JN-MN	473214	37753	HYST	472572 <sup>28</sup>	378718	STUDE	473367 <sup>28</sup>
37525	SKF	416339	37631	C-R	416127	37754	HYST	450111	37872	CHAMP	415683
37526	C-R	416339	37631	SKF	416127	3776800	GMC	6818	3787296	GMC	9613S
37526	SKF	416339	3763B	JN-MN	472394	377-7713	STEM	370036A	378796R91	IH	417492
37526-Z9000	NISSA	225040	376400	MECH	370023A	377-7713	STEM	370349A	37901350	JAE	6283S
37530	CHRYS	473457 <sup>28</sup>	376400	MECH	380023A	377-7713	STEM	380036A	37902	TROS	450173
3753156B	HR-DV	350364	37649	C-R	417503	377-7723	STEM	370065A	37903	TROS	470606 <sup>28</sup>
37532	C-R	416339	37649	SKF	417503	377-7723	STEM	376590A	37904325	JAE	417205 <sup>28</sup>
37532	C-R	455031 <sup>28</sup>	3765	NATL	4359V	377-7723	STEM	380065A	37904375	JAE	417247 <sup>28</sup>
37532	SKF	416339	376590A	NATL	370065A	377-7743	STEM	370025A	3790606	GMC	8293S
37532	SKF	455031	376590A	TIMKE	376590A	377-7743	STEM	380025A	3790622	GMC	8610
37533	C-R	416339 <sup>29</sup>	3766493	GMC	205044	377-7743	STEM	386025A	37908	GEM	471270 <sup>28</sup>
37533	SKF	416339	3766706	GMC	8976S	377-7744	STEM	370037A	37908	ROSS	471270 <sup>28</sup>
3753B	JN-MN	415066 <sup>29</sup>	3766B	JN-MN	472439 <sup>29</sup>	377-7744	STEM	370338A	37908286	JAE	410102
375400	MECH	370008A	37670	C-R	370023A	377786R91	IH	415001 <sup>28</sup>	37909550	JAE	450472 <sup>28</sup>
375416	CABOT	416892 <sup>28</sup>	37670	C-R	370033A	377787R91	IH	415001 <sup>28</sup>	37909730	JAE	415303 <sup>28</sup>
375424	SUL	415138 <sup>28</sup>	37670	C-R	380023A	377788R91	IH	417316 <sup>28</sup>	37909757	JAE	472041
3754B	JN-MN	416229	37670	SKF	370023A	377789R91	IH	417316 <sup>28</sup>	37909757	JAE	473454
375501	WHITE	471255 <sup>28</sup>	37670	SKF	370033A	3777B	JN-MN	450463	37909762	JAE	417254
3755974	GMC	6712NA	37670	SKF	380023A	377826	HYST	6872S	379144	WHITE	450194
3755B	JN-MN	470351	37675	JAC	471649 <sup>28</sup>	3779385	GMC	6835S	379144	WHITE	473010
3755B	JN-MN	471504 <sup>28</sup>	376755C91	IH	40316S	37795	C-R	710352	37919	GEM	6597S
37560	HYST	455251H	376761	GMC	3638	37795	SKF	710352	37921	TIMKE	37921
37560	TROS	412871 <sup>28</sup>	376764	ALLCH	450083	377959R91	IH	471684 <sup>28</sup>	379247R91	IH	416294 <sup>28</sup>
37560	TROS	450329	376764	ALLCH	472924 <sup>28</sup>	377959R91	IH	471698	379248R91	IH	416294 <sup>28</sup>
37561	HYST	450365	3767702	GMC	5092	37802	VIC	370048A	379249R91	IH	416294 <sup>28</sup>
37561	HYST	470898	37670S	JN-MN	481073 <sup>29</sup>	37802	VIC	370182A	3792564	GMC	8293S
37561	TROS	473473	376851	GMC	722109	37802	VIC	380048A	3792806	GMC	8293S
3756B	JN-MN	455290	376855	GMC	722108	37802	WHITE	370048A	37939	TIMKE	37939
37570	C-R	710262	3768598	GMC	8243	37802	WHITE	370182A	3794	TIMKE	3794
37570	SKF	710262	376930R91	IH	473230 <sup>28</sup>	37802	WHITE	380048A	3794002	GMC	9178S
37574	BR-ST	481644	3769588	GMC	471341 <sup>28</sup>	37802D	IH	417356 <sup>28</sup>	3794006	GMC	5113
37574	C-R	415150 <sup>28</sup>	3769B	JN-MN	450067	37802D	IH	455188	3794B	JN-MN	417020
37574	SKF	415150	3769B	JN-MN	473228	3780374	GMC	416273 <sup>28</sup>	3795B	JN-MN	412119 <sup>28</sup>
3757B	JN-MN	416865 <sup>28</sup>	377000	MECH	370023A	378040R91	IH	415389N	3795B	JN-MN	450101
3757B	JN-MN	455070	377000	MECH	380023A	378077R91	IH	455500 <sup>28</sup>	379643	WHITE	410316
37584	HYST	415991	3770297	GMC	350567	378077R91	IH	475500	379643	WHITE	472636 <sup>28</sup>
37584	HYST	455146 <sup>28</sup>	3770297	GMC	471267 <sup>28</sup>	378078R91	IH	455500 <sup>28</sup>	379654	GMC	5756
37592	HYST	472234	37707	NEHO	481181 <sup>28</sup>	378078R91	IH	475500	3796564	GMC	370009A
37597	HYST	473473	37707	NEHO	481181N	378157R91	IH	450183	3796564	GMC	380009A
375981	BENDI	481073	3771	TIMKE	3771	378157R91	IH	472179	3796575	GMC	370009A
376	CHEL	471763	3771094	GMC	370018A	378158R91	IH	450183	3796575	GMC	380009A
376000	MECH	370023A	377167A	HERCU	240698	378158R91	IH	472179	3796903	GMC	9015S
376000	MECH	380023A	3772	TIMKE	3772	3781810	GMC	9613S	3796B	JN-MN	417344 <sup>28</sup>
37601	TROS	6936S	3772034	GMC	5573 <sup>30</sup>	378191R91	IH	472319	3796B	JN-MN	455006
376016	GMC	471869	377239R91	IH	450043	3782343	GMC	8421S	3797B	JN-MN	418028
376077	WITTE	471442 <sup>28</sup>	377239R91	IH	473419	3783B	JN-MN	450076	3797B	JN-MN	455137 <sup>28</sup>
37609H	IH	417344 <sup>28</sup>	377240R91	IH	450043	3783B	JN-MN	470334 <sup>28</sup>	3799B	JN-MN	416239 <sup>28,29</sup>
37609H	IH	455006	377240R91	IH	473419	3784844	MECH	370001A	37X52X8	SIMRT	37X52X8
3760B	JN-MN	472213	3772445	GMC	8976S	3784844	MECH	380001A	37X52X8	TIMKE	37X52X8

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
37X52X8SC	TRSCM	37X52X8	380-8032	STEM	370012A	3813	TIMKE	3813	38189-G9501	NISSA	712011
37X52X8TC	TRSCM	37X52X8	380-8034	STEM	370012A	381300	MECH	370034A	38189-P0101	NISSA	1979
380001A	TIMKE	380001A	380-8035	STEM	370012A	38133	OLIVE	471192	38189-P0115	NISSA	710847
380003A	TIMKE	380003A	380-8036	STEM	370001A	381363C91	IH	452554N	38189-P0116	NISSA	710847
380009A	TIMKE	380009A	380-8036	STEM	380001A	381363C92	IH	452554N	38189-P0117	NISSA	710847
380019C91	IH	370023A	380-8037	STEM	370048A	381400	MECH	370034A	38189-U3000	NISSA	1173
380019C91	IH	380023A	380-8037	STEM	370182A	38141	TROS	493291	38189-U3001	NISSA	1173
380019C91	NAVST	370023A	380-8037	STEM	380048A	3814160	GMC	7537S	38189-Y0810	NISSA	712011
380019C91	NAVST	380023A	380-8039	STEM	370033A	3814280	GMC	414045 <sup>2B</sup>	381907R91	IH	471419
380022A	TIMKE	380022A	380-8042	STEM	370002A	38147	OLIVE	471689 <sup>2B</sup>	381907R91	IH	473367
380023A	TIMKE	380023A	380-8044	STEM	370054A	381480R1	IH	472258 <sup>2B</sup>	381908R91	IH	473419 <sup>2B</sup>
380025A	TIMKE	380025A	380-8045	STEM	370057A	381480R91	IH	472258 <sup>2B</sup>	381917R91	IH	475368N
380031A	TIMKE	380031A	380-8046	STEM	370124A	3815	FWD	471192	3819584	GMC	8477S
380036A	TIMKE	380036A	380-8052	STEM	370015A	38159	SPICE	472258 <sup>2B</sup>	38196	C-R	710262
380048A	TIMKE	380048A	380-8053	STEM	370124A	38159	VIC	472258 <sup>2B</sup>	38196	SKF	710262
3800643	CUMMI	39861	380-8054	STEM	370131A	3815B	JN-MN	470548	3819774	CUMMI	99650
380065A	TIMKE	380065A	380-8054	STEM	380131A	3815B	JN-MN	470625 <sup>2B</sup>	3820196	CHRYSLER	3210
380069A	TIMKE	380069A	380-8056	STEM	370131A	38160	C-R	455032 <sup>2B</sup>	3820197	CHRYSLER	493291
3800968	CUMMI	39861	380-8056	STEM	380131A	38160	SKF	455032	3820197AB	CHRYSLER	493291
3801138	CUMMI	39875	380-8060	STEM	370020A	381653	WHITE	415995 <sup>2B</sup>	3820197AB	MOPAR	493291
380131A	TIMKE	380131A	380-8063	STEM	370132A	381653	WHITE	455013	3820419	GMC	472258 <sup>2B</sup>
380182R91	IH	470351	380-8064	STEM	370048A	3817	FWD	450067	3820917	CUMMI	99351
380183R91	IH	470351	380-8064	STEM	370182A	3817	FWD	473228	3820918	CUMMI	99333
380185R91	IH	417492	380-8064	STEM	380048A	381721R91	IH	471224 <sup>2B</sup>	3821	FWD	450183
380186R91	IH	450621	380-8066	STEM	370150A	3817308	GMC	417355 <sup>2B</sup>	3821	FWD	472179
380186R92	IH	450621	380-8067	STEM	370131A	3817308	GMC	485497	382119	WHITE	418028
380200R91	IH	471271 <sup>2B</sup>	380-8067	STEM	380131A	381742R91	IH	470380 <sup>2B</sup>	382119	WHITE	455137 <sup>2B</sup>
380200R92	IH	471271 <sup>2B</sup>	380-8071	STEM	370011A	381743R91	IH	472924 <sup>2B</sup>	38212-00Z00	NISSA	710212
380201R91	IH	471271 <sup>2B</sup>	38085	C-R	710855	3817883	GMC	8460N	38212-00Z01	NISSA	710212
380212R91	IH	471271 <sup>2B</sup>	38085	SKF	710855	3818896	GMC	8975S	3821273000	NISSA	223542
380213R91	IH	471271 <sup>2B</sup>	380890R91	IH	472439	38189-01G00	NISSA	1173	38212-90008	NISSA	710407
3802820	CUMMI	39803	380921R91	IH	472179	38189-01G15	NISSA	710592	38212-Z5000	NISSA	710184
3802B	JN-MN	450365	380922R91	IH	472179	38189-01G16	NISSA	710592	38212-Z5007	NISSA	710104
3802B	JN-MN	470898	380959R91	IH	476838 <sup>2B</sup>	38189-01G17	NISSA	710592	3821395	CHRYSLER	473204
3803727	CUMMI	39861	380960R91	IH	476838 <sup>2B</sup>	38189-18000	NISSA	32X58X8 <sup>2B</sup>	3821401	CHRYSLER	710005
38040	C-R	8370S	38100	C-R	710789	38189-21G15	NISSA	710591	382150	WHITE	450291
38040	SKF	8370S	38100	SKF	710789	38189-21G16	NISSA	710591	382150	WHITE	471141 <sup>2B</sup>
38046	EATON	415351 <sup>2B</sup>	381-0036	STEM	370001A	38189-21G17	NISSA	710591	3821519	CHRYSLER	415009
3804899	CUMMI	39803	381-0036	STEM	380001A	38189-40P00	NISSA	710117	3821519	CHRYSLER	415960 <sup>2B</sup>
38053	ALLCH	415007	381-0053	STEM	370124A	38189-4N200	NISSA	710666	3821656	GMC	8974S
380637R91	CASE	200335	381-0056	STEM	370131A	38189-4N20A	NISSA	710666	38220	C-R	455189
380750	GMC	472439	381-0056	STEM	380131A	38189-61000	NISSA	1979	38220	SKF	455189
380768R91	IH	412119 <sup>2B</sup>	381-0064	STEM	370048A	38189-8S100	NISSA	100712V	38220	TROS	5877
380768R91	IH	450101	381-0064	STEM	370182A	38189-8S110	NISSA	710920	3822107	CHRYSLER	472015 <sup>2B</sup>
380769	GMC	7188S	381-0064	STEM	380048A	38189-AR001	NISSA	710670	3822192	CHRYSLER	415379
380769R91	IH	412119 <sup>2B</sup>	38100-S6519	SUBARU	710233	38189-AR001	SUZUKI	710670	382220R91	IH	472070
380769R91	IH	450101	381-0148	STEM	710084	38189-AR00A	NISSA	710670	382229R91	IH	471649 <sup>2B</sup>
380770R91	IH	411394 <sup>2B</sup>	381-0150	STEM	710088	38189-AR00A	SUZUKI	710670	382230R91	IH	471765 <sup>2B</sup>
380771R91	IH	411394 <sup>2B</sup>	381041R91	IH	415001 <sup>2B</sup>	38189-C7000	NISSA	710195	3822829	CHRYSLER	413248
380-8001	STEM	370066A	381042R91	IH	417316 <sup>2B</sup>	38189-C7010	NISSA	710245	3823	FWD	450082
380-8009	STEM	370145A	381043R91	IH	455500 <sup>2B</sup>	38189-C7011	NISSA	710245	3823	FWD	473238
380-8010	STEM	370014A	381043R91	IH	475500	38189-C7012	NISSA	710195	382386	WHITE	415449 <sup>2B</sup>
380-8011	STEM	370011A	3811035	WOOL	417158 <sup>2B</sup>	38189-C7021	NISSA	710195	382386	WHITE	455147
380-8014	STEM	370015A	3811035	WOOL	455355	38189-C7022	NISSA	710245	382387	WHITE	450316
380-8017	STEM	370018A	38119	C-R	710669	38189-C7023	NISSA	710195	382387	WHITE	472636 <sup>2B</sup>
380-8018	STEM	370010A	38119	SKF	710669	38189-C7123	NISSA	710195	3824	FWD	472394
380-8020	STEM	370011A	38121	TROS	5924	38189-CA010	NISSA	710777	382400	MECH	370019A
380-8025	STEM	370002A	381232R91	IH	471267 <sup>2B</sup>	38189-CA01A	NISSA	710777	38249	NEWPR	710902
380-8027	STEM	370179A <sup>2B</sup>	38128	SPICE	722109	38189-EB10A	NISSA	100712V	3824B	JN-MN	415027 <sup>2B</sup>
380-8028	STEM	370007A	381299	WHITE	455151	38189-G9500	NISSA	712011	3824B	JN-MN	455027

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
3825	FWD	450301	383-0139	STEM	370033A	38342-21X00	NISSA	710122	3841532	GMC	9015S
3825	FWD	472397 <sup>28</sup>	383-0153	STEM	370124A	38342-21X01	NISSA	710123	384156R91	IH	472018
3825136	GMC	8460N	383-0156	STEM	370131A	38342-21X03	NISSA	710397	384215	STUDE	410190
3825B	JN-MN	455008	383-0164	STEM	380131A	38342-21X04	NISSA	710397	384216	STUDE	450066
3826129	GMC	411330N	383-0164	STEM	370048A	38342-31X00	NISSA	710598	384216	STUDE	473367 <sup>28</sup>
382663	GMC	472082	383-0164	STEM	370182A	38342-31X01	NISSA	710132	38427	DANA	9316
3827	FWD	410312N	383-0164	STEM	380048A	38342-31X02	NISSA	710133	384272	SPICE	9316
3827712	CHRY	370132A	383-0166	STEM	370150A	38342-32030	NISSA	1167	384301	WHITE	410519
382776R91	IH	416664 <sup>28</sup>	383-0171	STEM	370011A	38342-51E00	NISSA	710397	384301	WHITE	471271 <sup>28</sup>
382778R91	IH	417349 <sup>28</sup>	383-0175	STEM	370199A	38342-56E00	NISSA	710246	384334R91	IH	473230 <sup>28</sup>
382779R91	IH	417349 <sup>28</sup>	383-0176	STEM	370211A	38342-80X00	NISSA	710397	384342	WHITE	370036A
3827B	JN-MN	415138 <sup>28</sup>	383-0236	STEM	370001A	38342-81X00	NISSA	710632	384342	WHITE	370349A
382-8001	STEM	370066A	383-0236	STEM	380001A	38342-81X01	NISSA	710633	384342	WHITE	380036A
382-8005	STEM	7780N	383-0239	STEM	370033A	38342-8E000	NISSA	710598	3843648	GMC	8835S
382-8009	STEM	370145A	383-0264	STEM	370048A	38342-8E001	NISSA	710132	384386R91	IH	472164 <sup>28</sup>
382-8010	STEM	370014A	383-0264	STEM	370182A	38342-8E002	NISSA	710133	384387R91	IH	472164 <sup>28</sup>
382-8011	STEM	370011A	383-0264	STEM	380048A	38342-8H500	NISSA	710632	3844	FWD	417354 <sup>28</sup>
382-8017	STEM	370018A	383-0336	STEM	370001A	38342-8S110	NISSA	710919	384400	MECH	370036A
382-8018	STEM	370010A	383-0336	STEM	380001A	38342-95FOA	NISSA	224026	384400	MECH	370349A
382-8023	STEM	370033A	3830B	JN-MN	416011	38342-AX000	NISSA	473677	384400	MECH	380036A
382-8025	STEM	370002A	3830B	JN-MN	417621 <sup>28</sup>	38342-D2100	NISSA	710134	3845021	GMC	473016 <sup>28</sup>
382-8027	STEM	370179A <sup>28</sup>	3831	FWD	413247 <sup>28</sup>	38342-EA000	NISSA	710922	3846D	GOODM	415138 <sup>28</sup>
382-8028	STEM	370007A	3831	FWD	450350	38342-M3000	NISSA	710479	3846E	GOODM	415138 <sup>28</sup>
382-8029	STEM	370008A	383159R91	IH	473238 <sup>28</sup>	38342-M8001	NISSA	710598	384710	VOLVO	9912
382-8032	STEM	370012A	383160R91	IH	473238 <sup>28</sup>	3835	FWD	415458 <sup>28</sup>	384710-0	VOLVO	9912
382-8034	STEM	370012A	3831716	GMC	240735	3835	FWD	455003	384727	STUDE	474278 <sup>28</sup>
382-8035	STEM	370012A	383222	VOLVO	1955	383516C91	IH	410308 <sup>28</sup>	384727	STUDE	480356
382-8036	STEM	370001A	383222-7	VOLVO	1955	383516C91	IH	473468	384804	WHITE	416271 <sup>28</sup>
382-8036	STEM	380001A	383222-7	VOLVO	52X65X9 <sup>28</sup>	3835625	GMC	6936S <sup>28</sup>	3848353	GMC	9613S
382-8039	STEM	370033A	3832368	GMC	8610	3835625	GMC	9845	3848354	GMC	9613S
382-8042	STEM	370002A	3832418	GMC	8660S	3835774	GMC	5419 <sup>30</sup>	384879R91	IH	416294 <sup>28</sup>
382-8043	STEM	370150A	383287	WHITE	417344 <sup>28</sup>	3835946	GMC	6936S	3848OS	JN-MN	471532
382-8043	STEM	370352A	3833	FWD	415449 <sup>28</sup>	3836B	JN-MN	415303 <sup>28</sup>	3849OS	JN-MN	471646 <sup>28</sup>
382-8044	STEM	370054A	3833	FWD	455147	3837	FWD	417316 <sup>28</sup>	384K1	DIA	474276 <sup>28</sup>
382-8045	STEM	370057A	383314R91	IH	471419	3837	FWD	455004	385	IDECO	455251H
382-8052	STEM	370015A	383314R91	IH	473367	3837	OLIVE	417316 <sup>28</sup>	385000	MECH	370022A
382-8053	STEM	370124A	383315R91	IH	473419 <sup>28</sup>	3837	OLIVE	455004	385000	MECH	380022A
382-8056	STEM	370131A	38332-21100	NISSA	1173	383748R91	IH	473474	385007XX	TIMKE	38X50X7
382-8056	STEM	380131A	383328R91	IH	471224 <sup>28</sup>	3837560	GMC	8705S	385038R91	IH	471466 <sup>28</sup>
382-8060	STEM	370020A	383332R91	IH	471649 <sup>28</sup>	3837716	GMC	240735	385039R91	IH	471466 <sup>28</sup>
382-8062	STEM	370014A	383333R91	IH	471765 <sup>28</sup>	3837B	JN-MN	472015 <sup>28</sup>	38504	HYST	413469 <sup>28</sup>
382-8063	STEM	370132A	383340R91	IH	470380 <sup>28</sup>	3837E	GOODM	450400	385042	CHRY	450154
382-8064	STEM	370048A	383341R91	IH	472924 <sup>28</sup>	383-8139	STEM	370198A	385042	CHRY	473234 <sup>28</sup>
382-8064	STEM	370182A	3833648	GMC	8835S	383-8239	STEM	370198A	385043	CHRY	472439
382-8064	STEM	380048A	383387R91	IH	472070	383860R91	IH	473423	385076R91	IH	471653 <sup>28</sup>
382-8066	STEM	370150A	383394R91	IH	416664 <sup>28</sup>	3838B	JN-MN	411394 <sup>28</sup>	385077R91	IH	471653 <sup>28</sup>
382-8071	STEM	370011A	383395R91	IH	416664 <sup>28</sup>	3838B	JN-MN	450317	3850E	GOODM	415066
3828585	GMC	7934S	3833OS	JN-MN	450593 <sup>28</sup>	3839	FWD	417158 <sup>28</sup>	385134R91	IH	471413 <sup>28</sup>
382868C91	IH	473463	383400	MECH	370031A	3839	FWD	455355	38514SA	TRSCM	455033
3828916	GMC	2081	383400	MECH	380031A	383968R1	IH	J1113	3851703	GMC	481181 <sup>28</sup>
3828B	JN-MN	415227 <sup>28</sup>	38342-00QAB	NISSA	473677	384	IDECO	417603 <sup>28</sup>	3851703	GMC	481181N
3829	FWD	450316	38342-00QAD	NISSA	473677	38407	OLIVE	6460S	385207XX	TIMKE	38X52X7
3829	FWD	472636 <sup>28</sup>	38342-01B00	NISSA	710319	384090R91	IH	471424 <sup>28</sup>	38524TA	TRSCM	417366 <sup>28</sup>
3829B	JN-MN	415076 <sup>29</sup>	38342-01E00	NISSA	710124	3841	FWD	417487	3852984	GMC	8460N
38301	TROS	42763	38342-01G00	NISSA	1167	3841	FWD	455014	385308XX	TIMKE	38X53X8
383-0101	STEM	370066A	38342-03E00	NISSA	710118	384115	WHITE	450316	38531A	HERCU	470712 <sup>28</sup>
3830108	CHRY	3095	38342-03E01	NISSA	710633	384115	WHITE	472636 <sup>28</sup>	38534SA	TRSCM	455958
3830109	CHRY	3103 <sup>28</sup>	3834206R00	NISSA	225230	384116	WHITE	415449 <sup>28</sup>	385400	MECH	370022A
383-0136	STEM	370001A	38342-06R01	NISSA	710634	384116	WHITE	455147	385400	MECH	380022A
383-0136	STEM	380001A	38342-21000	NISSA	1167	384132	GMC	9015S	385407XX	TIMKE	38X54X7

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
38544	EATON	416956	38692	C-R	416345 <sup>28,29</sup>	38749	C-R	417505	387-8764	STEM	380048A
385507XX	TIMKE	38X55X7	38692	SKF	416345	38749	SKF	417505	3878B	JN-MN	472144 <sup>28,29</sup>
38551	EATON	416956	3869AB	CASE	470045	38750	C-R	370024A	3879527	GMC	411330N
3855K	MINNM	5756	3869AB	CASE	476838 <sup>28</sup>	38750	SKF	370024A	3879529	GMC	417196 <sup>28</sup>
385692R91	IH	471413 <sup>28</sup>	387010XX	TIMKE	38X70X10	387596	WHITE	415371	3879536	GMC	417355 <sup>28</sup>
385703R91	IH	471267 <sup>28</sup>	387015C1	IH	5111S	3875B	JN-MN	417211 <sup>28</sup>	3879536	GMC	485497
385703R92	IH	471267 <sup>28</sup>	38703	C-R	455547	3876191	GMC	8705S	3880	GARLK	471760
385704R91	IH	471267 <sup>28</sup>	38703	SKF	455547	3876192	GMC	7934S	3880674	GMC	6358
385766R91	IH	472299	387036C1	IH	321460	3876B	JN-MN	450185	3880B	JN-MN	450085
3857716	GMC	8975S	387036C91	IH	321460	3876B	JN-MN	473229	3880B	JN-MN	470530 <sup>28</sup>
3857731	GMC	8974S	387054	WHITE	450066	38770	C-R	710526	38810	C-R	416043
385808XX	TIMKE	38X58X8	387054	WHITE	473367 <sup>28</sup>	38770	SKF	710526	38810	SKF	416043
3858316	GMC	8976S	3870890	CUMMI	39715	38774	C-R	370022A	38816D	IH	450030
38585	C-R	710520	38709	C-R	370024A	38774	C-R	380022A	38816D	IH	474253
38585	SKF	710520	38709	C-R	370033A	38774	C-R	380023A	3881B	JN-MN	473463
385864R91	IH	452222 <sup>28</sup>	38709	SKF	370024A	38774	C-R	456618	38832	TIMKE	38832
385865R91	IH	452222 <sup>28</sup>	38709	SKF	370033A	38774	SKF	370022A	3883386	GMC	2081
385871R91	IH	450043	38713	C-R	415697 <sup>28,29</sup>	38774	SKF	380022A	38835	CHRYS	470898
385871R91	IH	473419	38713	SKF	415697	38774	SKF	380023A	388357	GMC	8940S
385872R91	IH	450043	3871619	GMC	9613S	38774	SKF	456618	388400	MECH	370009A
385872R91	IH	473419	3871649	GMC	470380 <sup>28</sup>	38776	C-R	370023A	388400	MECH	380009A
3858832	GMC	470380 <sup>28</sup>	3871649	GMC	472189A <sup>28</sup>	38776	C-R	380023A	388506	WHITE	412119 <sup>28</sup>
38597	CHRYS	410308 <sup>28</sup>	387178	WHITE	410316	38776	SKF	370023A	388506	WHITE	450101
3860095	GMC	3945	387178	WHITE	472636 <sup>28</sup>	38776	SKF	380023A	388770	WHITE	415137 <sup>28</sup>
386010XX	TIMKE	38X60X10	3872	FWD	455584	38777	C-R	380023A	388770	WHITE	418028
38617	C-R	100085	387216	GAL	415082	38777	C-R	456618	38880	C-R	710526
38617	SKF	100085	387220	GAL	415007	38777	SKF	380023A	38880	SKF	710526
3862674	CUMMI	40392	387220	GW	415007	38777	SKF	456618	388822C91	IH	476470
3863B	JN-MN	415294 <sup>28</sup>	387224	FAIRB	415960 <sup>28</sup>	38779	C-R	370023A	388823C91	IH	416130 <sup>28</sup>
3863B	JN-MN	455294	387224	FAIRB	455009	38779	C-R	380023A	38883	C-R	710669
386400	MECH	370057A	387224	GOODM	415960 <sup>28</sup>	38779	SKF	370023A	38883	SKF	710669
3864171	GMC	9015S	387224	GOODM	455009	38779	SKF	380023A	388.904	ELRNG	716484
386455R91	IH	472924 <sup>28</sup>	38730	C-R	417366 <sup>28</sup>	3877B	JN-MN	450494	388974	GMC	9049N
386456R91	IH	472924 <sup>28</sup>	38730	SKF	417366	3877B	JN-MN	472164 <sup>28</sup>	3889B	JN-MN	470351
386460R91	IH	472299	38731	C-R	417366 <sup>28</sup>	38780	C-R	370023A	3889B	JN-MN	471504 <sup>28</sup>
386461R91	IH	417492	38731	SKF	417366	38780	C-R	380023A	389000	MECH	370031A
38647	C-R	417210 <sup>28</sup>	387328	GR-DV	417211 <sup>28</sup>	38780	SKF	370023A	389000	MECH	380031A
38647	SKF	417210	3874	FWD	416077	38780	SKF	380023A	389008XX	TIMKE	38X90X8
38649	C-R	3893V	387400	MECH	370028A	38782	C-R	370023A	389083R91	IH	415871
38649	SKF	3893V	387408XX	TIMKE	38X74X8	38782	C-R	380023A	389160001	WHITE	472636 <sup>28</sup>
38653	C-R	417210 <sup>28</sup>	387411XX	TIMKE	38X74X11	38782	SKF	370023A	3891B	JN-MN	417356 <sup>28</sup>
38653	SKF	417210	3874368	GMC	9128S	38782	SKF	380023A	3891B	JN-MN	455188
3865358	GMC	6818	38745	C-R	415958 <sup>28</sup>	38783	C-R	370008A	3892B	JN-MN	416364 <sup>28,29</sup>
38654	DENCO	418028	38745	C-R	455958	38783	C-R	370023A	3893105	CHRYS	370001A
38654	DENCO	455137 <sup>28</sup>	38745	SKF	415958	38783	C-R	380023A	3893105	CHRYS	380001A
3865924	GMC	6712NA	38745	SKF	455958	38783	SKF	370008A	3893298	GMC	5072
3866	FWD	457874	38746	C-R	370023A	38783	SKF	370023A	3893299	GMC	5072 <sup>30</sup>
3866719	GMC	472705 <sup>28</sup>	38746	C-R	370024A	38783	SKF	380023A	3893V	TIMKE	3893V
3866845	GMC	471707N	38746	C-R	370165A	3878447	CHRYS	8609	389400	MECH	370031A
38669	C-R	417211 <sup>28</sup>	38746	SKF	370023A	3878447	GMC	471539 <sup>28</sup>	389400	MECH	380031A
38669	SKF	417211	38746	SKF	370024A	387-8736	STEM	370001A	389405R91	IH	470530 <sup>28</sup>
3866992	GMC	470530 <sup>28</sup>	38746	SKF	370165A	387-8736	STEM	380001A	389405R92	IH	470530 <sup>28</sup>
3867349	CHRYS	370023A	38747	C-R	370024A	387-8753	STEM	370124A	389406R91	IH	470530 <sup>28</sup>
3867349	CHRYS	380023A	38747	C-R	370165A	387-8755	STEM	370131A	389407R91	IH	472439
3867960	GMC	450519	38747	SKF	370024A	387-8755	STEM	380131A	389407R92	IH	472439
3867960	GMC	471271 <sup>28</sup>	38747	SKF	370165A	387-8756	STEM	370131A	389408R91	IH	472439
3867961	GMC	410520	38748	C-R	370024A	387-8756	STEM	380131A	3894121	CHRYS	710044
3867961	GMC	471272 <sup>28</sup>	38748	SKF	370024A	387-8763	STEM	370132A	3894131	CHRYS	41461S
38691	C-R	416345 <sup>28,29</sup>	387487	WHITE	450076	387-8764	STEM	370048A	3894147	CHRYS	710304
38691	SKF	416345	387487	WHITE	470334 <sup>28</sup>	387-8764	STEM	370182A	389445R91	IH	471750 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
389446R91	IH	471750 <sup>28</sup>	3904B	JN-MN	471141 <sup>28</sup>	390-9060	STEM	370005A	3911917	GMC	470530 <sup>28</sup>
3894V	TIMKE	3894V	3905	TIMKE	3905	390-9061	STEM	370030A	3911B	JN-MN	455151
3895034	CUMMI	39869	3905405	GMC	481181 <sup>28</sup>	390-9062	STEM	370121A	3912	FI-CO	471344
3895B	JN-MN	450121	3905405	GMC	481181N	390-9063	STEM	2081	39120	C-R	
3895B	JN-MN	472409 <sup>28</sup>	39058	OLIVE	473215 <sup>28</sup>	390-9064	STEM	370021A	100X120X12 <sup>28</sup>		
3896	TIMKE	3896	3906080	CUMMI	99253	390-9065	STEM	370019A	39120	SKF	100X120X12
3896454	FORD	100357	3906081	CUMMI	99491	390-9070	STEM	370006A	3912016	GMC	416273 <sup>28</sup>
3897B	JN-MN	473215 <sup>28,29</sup>	390659	WHITE	470045	390-9073	STEM	370003A	3912202	GMC	472164V
389879	WHITE	415041	390659	WHITE	476838 <sup>28</sup>	390-9073	STEM	380003A	3912202	GMC	482164N
389880	WHITE	415021	3907	TIMKE	3907	390-9081	STEM	370173A	3912446	GMC	481181 <sup>28</sup>
389881	WHITE	5751	39070	C-R	710278	390-9087	STEM	370006A	3912446	GMC	481181N
389RC	SUL	410312N	39070	SKF	710278	390-9088	STEM	370021A	39125	C-R	231004
38G42	OSHKO	475012N	390-7008	STEM	370029A	390-9089	STEM	370069A	39125	SKF	231004
38GX42	OSHKO	475012N	390-7025	STEM	370027A	390-9089	STEM	380069A	3912RC	SUL	470074
38H021	SHOV	474276 <sup>28</sup>	390-7048	STEM	370046A	390-9090	STEM	370031A	3912RC	SUL	474265
38X50X10.5	FME	223800	3907B	JN-MN	415150 <sup>28</sup>	390-9090	STEM	380031A	3913	FI-CO	471571
38X50X7	TIMKE	38X50X7	39085	C-R	476517	390-9092	STEM	370019A	39135	C-R	
38X50X7SC	TRSCM	38X50X7 <sup>28</sup>	39085	SKF	476517	390-9094	STEM	370022A	100X125X12 <sup>28</sup>		
38X50X7TC	TRSCM	38X50X7 <sup>28</sup>	3909	TIMKE	3909	390-9094	STEM	380022A	39135	C-R	231003
38X52X6VAY	TRSCM	1196	390-9001	STEM	370004A	390-9095	STEM	370030A	39135	SKF	100X125X12
38X52X7	TIMKE	38X52X7	390-9002	STEM	370022A	390-9096	STEM	370019A	39135	SKF	231003
38X53X8SC	TRSCM	38X53X8	390-9002	STEM	380022A	390-9097	STEM	370005A	39135	SKF	100X125X12
38X53X8TC	TRSCM	38X53X8	390-9003	STEM	370022A	390-9098	STEM	370003A	39135	SKF	231003
38X54X7	TIMKE	38X54X7	390-9003	STEM	380022A	390-9098	STEM	380003A	39136	C-R	231003
38X54X7SC	TRSCM	38X54X7 <sup>28</sup>	390-9004	STEM	370031A	390-9099	STEM	370023A	39136	SKF	231003
38X54X7TC	TRSCM	38X54X7 <sup>28</sup>	390-9004	STEM	380031A	390-9099	STEM	370024A	39139	C-R	231003
38X55X7	TIMKE	38X55X7	390-9005	STEM	370021A	390-9099	STEM	370165A	39139	SKF	231003
38X55X7SC	TRSCM	38X55X7 <sup>28</sup>	390-9006	STEM	370019A	390-9099	STEM	380023A	39140	TIMKE	39140
38X55X7TC	TRSCM	38X55X7 <sup>28</sup>	390-9007	STEM	370028A	390-9109	STEM	370220A	39140	TROS	3210
38X58X8	TIMKE	38X58X8	390-9010	STEM	370033A	390-9111	STEM	370220A	391483	BR-ST	351267
38X58X8SC	TRSCM	38X58X8	390-9012	STEM	370023A	3909410	CUMMI	39805	391483	BR-ST	471267 <sup>28</sup>
38X58X8TC	TRSCM	38X58X8	390-9012	STEM	380023A	390RC	SUL	473245 <sup>28</sup>	3915214	VOLVO	100557
38X60X10	TIMKE	38X60X10	390-9015	STEM	370024A	391-0003	STEM	370022A	39155	C-R	
38X60X10SC	TRSCM	38X60X10	390-9018	STEM	370008A	391-0003	STEM	380022A	100X130X12 <sup>28</sup>		
38X60X10TC	TRSCM	38X60X10	390-9019	STEM	370057A	391-0004	STEM	370031A	39155	SKF	100X130X12
38X70X10	TIMKE	38X70X10	390-9021	STEM	370027A	391-0004	STEM	380031A	39160	TROS	470548
38X70X10SC	TRSCM	38X70X10	390-9022	STEM	370005A	391-0012	STEM	370023A	39160	TROS	470625 <sup>28</sup>
38X70X10TC	TRSCM	38X70X10	390-9024	STEM	370006A	391-0012	STEM	380023A	39162	TROS	6545
38X74X11SC	TRSCM	38X74X11	390-9025	STEM	370019A	391-0060	STEM	370005A	3917	FI-CO	474255
38X74X11TC	TRSCM	38X74X11	390-9026	STEM	370019A	391-0064	STEM	370020A	3917024	VOLVO	127591
38X74X8SC	TRSCM	38X74X8 <sup>28</sup>	390-9032	STEM	370036A	391-0064	STEM	370021A	3917024	VOLVO	710959
38X74X8TC	TRSCM	38X74X8 <sup>28</sup>	390-9032	STEM	370349A	391-0070	STEM	370006A	39189-C7000	NISSA	710245
39	WGEAR	470565 <sup>28</sup>	390-9032	STEM	380036A	391-0073	STEM	370003A	3918B	JN-MN	415938
390000	MECH	370006A	390-9033	STEM	370178A	391-0073	STEM	380003A	3919309	GMC	471424 <sup>28</sup>
3900-33-065	MAZDA	1992	390-9034	STEM	370195A	391-0138	STEM	710089	391975R91	IH	412119 <sup>28</sup>
3900709	COND	39803	390-9035	STEM	370047A	391-0139	STEM	710278	391976R91	IH	410101N
3900709	CUMMI	39803	390-9036	STEM	370169A	3910B	JN-MN	417205 <sup>28,29</sup>	3920121	MARMO	473215 <sup>28</sup>
3900709 080	CUMMI	39803	390-9038	STEM	370046A	3911035	WOOL	455406 <sup>28</sup>	3920122	MARMO	450066
3 900 720	FORD	229010	390-9046	STEM	370027A	39111	FI-CO	472439	3920122	MARMO	473367 <sup>28</sup>
390106	HYST	417247 <sup>28</sup>	390-9048	STEM	370069A	39114	FI-CO	474278 <sup>28</sup>	3920123	MARMO	470088
3901979	COND	39804	390-9048	STEM	380069A	39114	FI-CO	480356	3920125	MARMO	415458 <sup>28</sup>
39022	OLIVE	450076	390-9050	STEM	370069A	39115	FI-CO	472432	3920125	MARMO	455003
39022	OLIVE	470334 <sup>28</sup>	390-9050	STEM	380069A	39115	FI-CO	474256	3920126	MARMO	450316
390400	MECH	370006A	390-9053	STEM	370120A	39118	C-R	100X120X10	3920126	MARMO	472636 <sup>28</sup>
3904087	COND	39805	390-9056	STEM	370023A	39118	SKF	100X120X10	392048	WHITE	415027
3904089	COND	39805	390-9056	STEM	370024A	39118	SPICE	5778	39210	FI-CO	471765 <sup>28</sup>
3904353	CUMMI	39803	390-9056	STEM	370165A	39118	VIC	5778	3921012	GMC	9845
390490C91	IH	476574N	390-9056	STEM	380023A	39118-2	DANA	5778	3921072	GMC	8610
390491C91	IH	35949N	390-9057	STEM	370009A	39118-2	SPICE	5778	3921194	GMC	9845
3904B	JN-MN	450291	390-9057	STEM	380009A	3911917	GMC	410085	3921265	CUMMI	39805
									39216	FI-CO	471567 <sup>28</sup>
									392190X1	MASSE	1209

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
3921927	COND	39804	392-9063	STEM	2081	39320	SKF	455191	39423	SKF	380009A
3921927	CUMMI	39804	392-9081	STEM	370173A	39320	TROS	450044	39423	SKF	417506
392194	HYST	416130 <sup>28</sup>	392-9087	STEM	370006A	3932255	GMC	9613S	394233	WHITE	416865 <sup>28</sup>
3921972	GMC	5092 <sup>30</sup>	392-9088	STEM	370021A	3932B	JN-MN	417562 <sup>29</sup>	394233	WHITE	455070
3921B	JN-MN	450519	392-9089	STEM	370069A	3933B	JN-MN	417562 <sup>29</sup>	39425	C-R	370009A
3921B	JN-MN	471271 <sup>28</sup>	392-9089	STEM	380069A	393400	MECH	370033A	39425	C-R	380009A
3922	FI-CO	450604	392-9090	STEM	370031A	393453R91	IH	450621	39425	SKF	370009A
3922B	JN-MN	416345 <sup>28</sup>	392-9090	STEM	380031A	3935	NATL	5699	39425	SKF	380009A
3922B	JN-MN	455033	392-9092	STEM	370019A	39350	C-R	415263 <sup>29</sup>	3942535	CUMMI	39804
39235	FI-CO	472924 <sup>28</sup>	392-9094	STEM	370022A	39350	SKF	415263	39426	C-R	370009A
39236	FI-CO	472636 <sup>28</sup>	392-9094	STEM	380022A	393516C91	IH	410308 <sup>28</sup>	39426	C-R	370198A
392363R91	IH	415836	392-9095	STEM	370030A	393516C91	IH	473468	39426	C-R	380009A
392363R91	IH	415995 <sup>28</sup>	392-9096	STEM	370019A	393544R91	IH	472258 <sup>28</sup>	39426	SKF	370009A
39237	FI-CO	473225 <sup>28</sup>	392-9097	STEM	370005A	393545R91	IH	471424 <sup>28</sup>	39426	SKF	370198A
392378R91	IH	340724 <sup>28</sup>	392-9098	STEM	370003A	393546R91	IH	472018	39426	SKF	380009A
3924031	GMC	8460N	392-9098	STEM	380003A	3935959	CUMMI	39803	39431	MISSI	471785 <sup>28</sup>
3924032	GMC	712598	392-9099	STEM	370023A	39361	C-R	710471	394312	MISSI	471785 <sup>28</sup>
3924033	GMC	411330N	392-9099	STEM	370024A	39361	SKF	710471	394313	MISSI	474274
3924127	GMC	6712NA	392-9099	STEM	380023A	39367	C-R	710290	394314	MISSI	450298
39245	C-R	455186	392-9111	STEM	370220A	39367	SKF	710290	394314	MISSI	473239
39245	SKF	455186	392-9112	STEM	370031A	39369	C-R	710639	394316	MISSI	470120
39246	SPICE	710067	392-9112	STEM	380031A	39369	SKF	710639	394316	MISSI	471224 <sup>28</sup>
392461	DANA	710067	392-9130	STEM	370031A	3936B	JN-MN	416865 <sup>28,29</sup>	39432	MISSI	474274
392462	DANA	710067	392-9130	STEM	380031A	3937	UNIVE	471984	394322	MISSI	455321
392463	DANA	710067	392-9131	STEM	370003A	39378	C-R	370008A	394323	MISSI	411376 <sup>28</sup>
392464	DANA	710067	392-9131	STEM	380003A	39378	SKF	370008A	394323	MISSI	455093
392465	DANA	710067	392-9132	STEM	370005A	3937B	JN-MN	472354 <sup>28</sup>	39433	MISSI	450298
39252-52A00	NISSA	710107	392929C91	IH	472164 <sup>28</sup>	3937B	JN-MN	50395S	39433	MISSI	473239
39252-52A10	NISSA	710107	392929C92	IH	472164 <sup>28</sup>	39380	C-R	370008A	39435	MISSI	40027S
3926126	CUMMI	710473	3929B	JN-MN	415645 <sup>28</sup>	39380	SKF	370008A	39439	VIC	9316
3926B	JN-MN	472287 <sup>28,29</sup>	3929B	JN-MN	455104	39382	CHRY	413469 <sup>28</sup>	39439-2	SPICE	9316
39275	C-R	415034 <sup>28,29</sup>	3929C	SUL	470163	39385	C-R	6270	394451C91	IH	470898
39275	SKF	415034	3929C	SUL	471766 <sup>28</sup>	39385	SKF	6270	39448	MATHR	55563
3929	FI-CO	471765 <sup>28</sup>	393-0103	STEM	370022A	393879	WHITE	470712 <sup>28</sup>	3945	C-R	10X22X7 <sup>28</sup>
392-9001	STEM	370004A	393-0103	STEM	380022A	39388	CHRY	450183	3945	TIMKE	3945
392-9007	STEM	370028A	393-0104	STEM	370031A	39388	CHRY	472179	394504	WHITE	417267
392-9010	STEM	370033A	393-0104	STEM	380031A	3938B	JN-MN	450069	394511	WHITE	415711
392-9012	STEM	370023A	393-0112	STEM	370023A	3938B	JN-MN	473232	3945B	JN-MN	455018
392-9012	STEM	380023A	393-0112	STEM	380023A	3940	C-R	10X19X7 <sup>28</sup>	3945B	JN-MN	476470
392-9018	STEM	370008A	393-0115	STEM	370024A	3940	C-R	221040	3946	TIMKE	3946
392-9019	STEM	370057A	393-0134	STEM	370195A	3940	SKF	10X19X7	394629	WHITE	40395
392-9020	STEM	370005A	393-0148	STEM	370069A	3940	SKF	221040	394629	WHITE	40395S
392-9021	STEM	370027A	393-0148	STEM	380069A	3940108	GMC	9316	394686C91	IH	9912
392-9032	STEM	370036A	393-0173	STEM	370003A	3940B	JN-MN	450311 <sup>29</sup>	394746	WHITE	5M466
392-9032	STEM	370349A	393-0173	STEM	380003A	39412	SHOV	415991 <sup>28</sup>	394761	WHITE	450316
392-9032	STEM	380036A	39302	TIMKE	39302	39412	SHOV	415991N	394761	WHITE	472636 <sup>28</sup>
392-9033	STEM	370178A	393-0203	STEM	370022A	394163	WHITE	470045	394894C91	IH	370001A
392-9034	STEM	370195A	393-0203	STEM	380022A	394163	WHITE	476838 <sup>28</sup>	394894C91	NAVST	380001A
392-9035	STEM	370047A	393-0204	STEM	370031A	3941847	GMC	473228	39494SA	TRSCM	455034
392-9036	STEM	370169A	393-0204	STEM	380031A	3941847	GMC	481837	394976	VICK	474260
392-9038	STEM	370046A	393-0212	STEM	370023A	3941B	JN-MN	455280 <sup>29</sup>	3950	C-R	10X24X7
392-9043	STEM	370007A	393-0212	STEM	380023A	3942	TIMKE	3942	3950	SKF	10X24X7
392-9045	STEM	370106A	393-0273	STEM	370003A	39420	C-R	370009A	3951	CALSO	471870 <sup>28</sup>
392-9046	STEM	370027A	393-0273	STEM	380003A	39420	C-R	380009A	3951	CALSO	471883
392-9048	STEM	370069A	393-0373	STEM	370003A	39420	SKF	370009A	395125C91	IH	9773
392-9048	STEM	380069A	393-0373	STEM	380003A	39420	SKF	380009A	39514	NEWPR	714670
392-9053	STEM	370120A	3930B	JN-MN	411376 <sup>28</sup>	39423	C-R	370005A	3952	C-R	10X25X7
392-9057	STEM	370009A	3930B	JN-MN	455093	39423	C-R	380009A	3952	SKF	10X25X7
392-9057	STEM	380009A	393180R91	IH	335924N	39423	C-R	417506	39524SA	TRSCM	455191
392-9062	STEM	370121A	39320	C-R	455191 <sup>29</sup>	39423	SKF	370005A	3952B	JN-MN	416107 <sup>28</sup>

INTERCHANGE SECTION

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
3952B	JN-MN	455073	39715	TIMKE	39715	39813	MATHR	39813	39921	C-R	415035V
3953412	GMC	9406S	39719	TIMKE	39719	39813	TIMKE	39813	39921	C-R	456967V <sup>28</sup>
395500R91	IH	450639	3971B	JN-MN	415725 <sup>28</sup>	39821	TIMKE	39821	39921	SKF	415035V
3955247	FORD	712449	39723	TIMKE	39723	398221	STUDE	240385	39921	SKF	456967V
3955247	NEHO	712449	3973135	GMC	5115	39823	TIMKE	39823	39922	C-R	415035 <sup>29</sup>
395591	WHITE	471567 <sup>28</sup>	397325	WHITE	473228 <sup>28</sup>	3982B	JN-MN	417171 <sup>28</sup>	39922	C-R	475845 <sup>28</sup>
3956523	FORD	4162	3973462	GMC	9845	3983	NATL	8835S	39922	SKF	415035
3958001	GMC	5092	397470	GMC	470380V	398311	WHITE	470358	39922	SKF	475845
3958078	GMC	8835S	3974846	GMC	370106A	398311	WHITE	473231 <sup>28</sup>	39923	C-R	415035
3960	C-R	10X26X7	3974847	GMC	2081	398321R91	IH	470625 <sup>28</sup>	39923	C-R	475845 <sup>28</sup>
3960	SKF	10X26X7	3974848	GMC	2055	39835	TIMKE	39835	39923	SKF	415035
3960335	GMC	8660S	3974849	GMC	417355 <sup>28</sup>	39837	TIMKE	39837	39923	SKF	475845
39608	TIMKE	39608	3974849	GMC	485497	39838	C-R	335924N	39925	TIMKE	39925
3960860	GMC	471466 <sup>28</sup>	3974850	GMC	6358	39838	SKF	335924N	39926	TIMKE	39926
396148C91	IH	415995V	3975731	GMC	450185	39849	TIMKE	39849	39930	TIMKE	39930
396148C91	IH	455995N	3975731	GMC	473229	39851	C-R	415187	39932	C-R	456967V
3962863	GMC	5072	3975B	JN-MN	471870 <sup>28</sup>	39851	SKF	415187	39932	SKF	456967V
396395-C92	IH	370021A	3975B	JN-MN	471883	39851	TIMKE	39851	39933	C-R	415035 <sup>28</sup>
396395C92	NAVST	370021A	39760	C-R	710371	39853	TIMKE	39853	39933	C-R	455035
396470	GMC	2043	39760	SKF	710371	39860	C-R	45187S	39933	SKF	415035
3964B	JN-MN	416706 <sup>28</sup>	3976B	JN-MN	412473 <sup>28</sup>	39860	SKF	45187S	39933	SKF	455035
3964B	JN-MN	455272	3976B	JN-MN	415894	39861	TIMKE	39861	39934	C-R	415035
3965092	GMC	4739	3977359	GMC	2286	39865	TIMKE	39865	39934	SKF	415035
3965129	GMC	472394	3979613	GMC	9316	39867	TIMKE	39867	39935	C-R	710022
396524	WHITE	450094	3979614	GMC	5778	39869	TIMKE	39869	39935	CLARK	471689 <sup>28</sup>
396524	WHITE	473462	3979615	GMC	6808N	3986B	JN-MN	472258 <sup>28,29</sup>	39935	SKF	710022
396526C91	IH	370019A	3979616	GMC	5778V	39873	NEWPR	710751	399356	WHITE	415043
3965B	JN-MN	450194	3979626	GMC	2287	398744	CATER	417562	3993RC	SUL	415938
3965B	JN-MN	473010	397-9703	STEM	370022A	39875	TIMKE	39875	399499	HYST	417247 <sup>28</sup>
3965LPD	JN-MN	450194	397-9703	STEM	380022A	39877	TIMKE	39877	39952	TIMKE	39952
3965LPD	JN-MN	473010	397-9704	STEM	370031A	3987936	GMC	7412S	39954	TIMKE	39954
3965LUP	JN-MN	450194	397-9704	STEM	380031A	3987937	GMC	481181 <sup>28</sup>	39956	TIMKE	39956
3965LUP	JN-MN	473010	397-9712	STEM	370023A	3987937	GMC	481181N	39958	TIMKE	39958
3966B	JN-MN	473211 <sup>28</sup>	397-9712	STEM	380023A	39880	TIMKE	39880	3995B	JN-MN	416921 <sup>28</sup>
3967875	GMC	473313	397-9715	STEM	370023A	39881	TIMKE	39881	3995B	JN-MN	455011
3967876	GMC	410308 <sup>28</sup>	397-9715	STEM	380023A	39882	TIMKE	39882	39961	C-R	345035
3967876	GMC	473468	397-9735	STEM	370047A	39883	TIMKE	39883	39961	SKF	345035
3967B	JN-MN	470059	397-9748	STEM	370069A	39885	TIMKE	39885	399736C91	IH	415483 <sup>28</sup>
3967B	JN-MN	470380 <sup>28</sup>	397-9748	STEM	380069A	39886	TIMKE	39886	399736C91	IH	455368
3968050	GMC	473214 <sup>28</sup>	397-9757	STEM	370009A	39887	TIMKE	39887	39975	C-R	417356 <sup>28</sup>
3968B	JN-MN	450070	397-9757	STEM	380009A	39888	TIMKE	39888	39975	SKF	417356
3968B	JN-MN	472185 <sup>28</sup>	397-9760	STEM	370005A	39889	TIMKE	39889	39979	C-R	370033A
39693	DANA	9864S	397-9761	STEM	370030A	39890	TIMKE	39890	39979	C-R	370198A
39693	SPICE	9864S	397-9764	STEM	370021A	39893	TIMKE	39893	39979	SKF	370033A
396993	WHITE	415836	397-9765	STEM	370019A	39894	TIMKE	39894	39979	SKF	370198A
396993	WHITE	415995 <sup>28</sup>	397-9770	STEM	370006A	39895	C-R	415035 <sup>28</sup>	399798R91	IH	416664 <sup>28</sup>
3969B	JN-MN	417362 <sup>28</sup>	397-9773	STEM	370003A	39895	C-R	455035	3998	CINMI	470712 <sup>28</sup>
3970	C-R	710762	397-9773	STEM	380003A	39895	SKF	415035	3998519	GMC	8660S
3970	SKF	710762	3979B	JN-MN	450066	39895	SKF	455035	399857	WHITE	450085
39701	TIMKE	39701	3979B	JN-MN	473367 <sup>28</sup>	3989505	GMC	8835S	399857	WHITE	470530 <sup>28</sup>
39703	TIMKE	39703	39801	TIMKE	39801	3989506	GMC	8835S	39988	C-R	370033A
39705	TIMKE	39705	39802	TIMKE	39802	39899	TIMKE	39899	39988	SKF	370033A
3970548	CUMMI	710473	3980267	GMC	9845	398GX	OSHKO	475012N	3998OS	JN-MN	415196 <sup>28,29</sup>
39708	MATHR	50568	39803	TIMKE	39803	39900	TIMKE	39900	39990	C-R	370033A
39711	TIMKE	39711	39804	TIMKE	39804	39910	TIMKE	39910	39990	SKF	370033A
39713	TIMKE	39713	39805	MATHR	39805	399162	WHITE	450365	39997	C-R	417357
397143	WHITE	450070	39805	TIMKE	39805	399162	WHITE	470898 <sup>28</sup>	39997	C-R	455192 <sup>28</sup>
397143	WHITE	472185 <sup>28</sup>	39807	MATHR	39807	39920	TIMKE	39920	39997	SKF	417357
397144	WHITE	450194	39807	TIMKE	39807	39920D	IH	450076	39997	SKF	455192
397144	WHITE	473010	39809	TIMKE	39809	39920D	IH	470334 <sup>28</sup>	3999B	JN-MN	418028

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
3999B	JN-MN	455137 <sup>2B</sup>	3C34-4676-AA	FORD	710959	3J1813	CASE	417487	3M188	CATER	471442 <sup>2B</sup>
3A100	AT IM	455018	3C34-6700-BA	FORD	710890	3J1813	CASE	455086	3M6853	CATER	451583 <sup>2B</sup>
3A100	AT IM	476470	3C34-6701-BA	FORD	710901	3J1813	CATER	415086N	3N0533	CATER	417171 <sup>2B</sup>
3A2701	FMC	471870 <sup>2B</sup>	3C34-6701-CA	FORD	710901	3J1813	CATER	417487 <sup>2B</sup>	3N21-4C041-AA	FORD	710715
3A2701	FMC	471883	3C3P-7052CB	FORD	710537	3J1814	CATER	416364 <sup>2B</sup>	3N21-4K341-AA	FORD	710716
3A2702	FMC	450519	3C3P-7A248AA	FORD	710485	3J3153	FMC	472636 <sup>2B</sup>	3NE-08	GEM	6597S
3A2702	FMC	471271 <sup>2B</sup>	3C3Z-3254CA	FORD	710494	3J3154	FMC	417191	3NF-01	GEM	240949
3A2836	AT IM	474260	3C3Z-4676-AA	FORD	127591	3J3602	FMC	471271 <sup>2B</sup>	3NF12	GEM	6597S
3A2925	AT IM	450545	3C3Z-4676-AA	FORD	710959	3J365	CATER	415458 <sup>2B</sup>	3P003000	BORGW	471526 <sup>2B</sup>
3A653	AT IM	471570 <sup>2B</sup>	3C3Z-6700-BA	FORD	710890	3J365	CATER	455003	3P003001	BORGW	471526 <sup>2B</sup>
3A669	AT IM	450115	3C3Z-6701-A	FORD	710901	3J366	CATER	412871 <sup>2B</sup>	3P003002	BORGW	471466 <sup>2B</sup>
3A669	AT IM	473467 <sup>2B</sup>	3C3Z-6701-AA	FORD	710901	3J366	CATER	450329	3P003005	BORGW	473225 <sup>2B</sup>
3A75	AT IM	471267 <sup>2B</sup>	3C3Z-6701-B	FORD	710901	3J369	CATER	415988	3P003009	BORGW	450070
3A76	AT IM	471760	3C3Z-7052CA	FORD	710537	3J371	CATER	416271 <sup>2B</sup>	3P003009	BORGW	472185 <sup>2B</sup>
3A89	AT IM	472705 <sup>2B</sup>	3C3Z-7A248-AA	FORD	710485	3J372	CATER	415138 <sup>2B</sup>	3P003010	BORGW	450082
3B1226	CATER	470064	3CF1209	OLIVE	411253 <sup>2B</sup>	3J373	CATER	471138 <sup>2B</sup>	3P003010	BORGW	473238
3B1226	CATER	471821 <sup>2B</sup>	3CF1209	OLIVE	450099	3J374	CATER	415938	3P003014	BORGW	471224 <sup>2B</sup>
3B1508	CATER	471442 <sup>2B</sup>	3CF1231	OLIVE	450400	3J375	CATER	415960	3P003017	BORGW	471529
3B3355	CATER	470120	3D8417	CATER	415128	3J377	CATER	415938	3P003022	BORGW	473424 <sup>2B</sup>
3B3355	CATER	471224 <sup>2B</sup>	3F0984	CATER	415351 <sup>2B</sup>	3J378	CATER	450117	3P003028	BORGW	481443 <sup>2B</sup>
3B3443	CATER	473460	3F1395	CATER	415196 <sup>2B</sup>	3J378	CATER	472572 <sup>2B</sup>	3P003029	BORGW	471646 <sup>2B</sup>
3B3443	WESTR	473460	3F3211	CATER	472439	3J4407	CATER	470895	3P003031	BORGW	471651
3B3657	CATER	415196 <sup>2B</sup>	3F3709	CATER	450389	3J4544	CATER	340009S	3P003032	BORGW	450342
3B3716	CATER	415021	3F3709	CATER	472492 <sup>2B</sup>	3J4776	CATER	473464	3P003036	BORGW	472015 <sup>2B</sup>
3B3887	CATER	473426	3F4991	CATER	471689 <sup>2B</sup>	3J4777	CATER	410987 <sup>2B</sup>	3P003038	BORGW	411394 <sup>2B</sup>
3B3888	CATER	470351	3F5791	CATER	415035 <sup>2B</sup>	3J484	CATER	415379	3P003038	BORGW	450317
3B3888	CATER	471504 <sup>2B</sup>	3F5791	CATER	415953	3J8517	CATER	415295	3P003041	BORGW	471652
3B5019	STERL	416654 <sup>2B</sup>	3F6605	CATER	471138 <sup>2B</sup>	3J8518	CATER	415138 <sup>2B</sup>	3P003042	BORGW	472354 <sup>2B</sup>
3B5019	STERL	455012	3F690	CATER	480630 <sup>2B</sup>	3J8519	CATER	415938	3P003042	BORGW	50395S
3B5657	CATER	415196 <sup>2B</sup>	3F885	CATER	472439	3J8520	CATER	416364 <sup>2B</sup>	3P003045	BORGW	415458 <sup>2B</sup>
3B5746	CATER	472287 <sup>2B</sup>	3F9351	NATEN	417191	3J8521	CATER	415027N	3P003045	BORGW	455003
3B5868	STERL	412943	3F9351	NATEN	455165 <sup>2B</sup>	3J8523	CATER	415295	3P003051	BORGW	411245 <sup>2B</sup>
3B5919	STERL	416654 <sup>2B</sup>	3F9497	NATEN	416891 <sup>2B</sup>	3J9091	CATER	410312N	3P003051	BORGW	455096
3B5919	STERL	455012	3F9498	NATEN	416891 <sup>2B</sup>	3J9092	CATER	410312N	3P003054	BORGW	415991
3B5926	STERL	416288 <sup>2B</sup>	3F984	CATER	415351 <sup>2B</sup>	3J9681	CATER	415379	3P003054	BORGW	455146 <sup>2B</sup>
3B6049	STERL	415001 <sup>2B</sup>	3FT39	OSHKO	417181 <sup>2B</sup>	3K0158	CATER	455948	3P003055	BORGW	481792
3B6064	STERL	450066	3G19426	NATEN	415551	3K158	CATER	455948	3P003056	BORGW	471730
3B6064	STERL	473367 <sup>2B</sup>	3H1397	CATER	450067	3K2876	CATER	417484N	3P003076	BORGW	415085 <sup>2B</sup>
3B6098	STERL	473215 <sup>2B</sup>	3H1397	CATER	473228	3K2876	CATER	455322	3P003080	BORGW	471419
3B6209	STERL	410102	3H1589	LEYLD	470898	3K2876	FPDSL	455322	3P003080	BORGW	473367 <sup>2B</sup>
3B6210	STERL	450076	3H1590	CATER	415035	3K2969	CATER	480630 <sup>2B</sup>	3P003081	BORGW	473464
3B6210	STERL	470334 <sup>2B</sup>	3H2008	CATER	415899N	3K2969	CATER	480991	3P003082	BORGW	471763
3B7360	CATER	415458 <sup>2B</sup>	3H2008	CATER	416624N	3K3065	CATER	473237 <sup>2B</sup>	3P003083	BORGW	472179
3B7360	CATER	455003	3H2019	CATER	471787 <sup>2B</sup>	3K9121	CATER	415035 <sup>2B</sup>	3P003087	BORGW	415003
3B7360	WESTR	415458 <sup>2B</sup>	3H2118	LEYLD	472164 <sup>2B</sup>	3K9121	CATER	415953	3P003087	BORGW	415458 <sup>2B</sup>
3B7360	WESTR	455003	3H2129	AU-WS	471192	3K9612	CATER	411275V	3P003088	BORGW	415034 <sup>2B</sup>
3B8188	CATER	415899N	3H7047	AU-WS	473228 <sup>2B</sup>	3K9619	CATER	411275V	3P003089	BORGW	416865 <sup>2B</sup>
3B8188	CATER	416624N	3H7047	AU-WS	481837	3K9704	CATER	411376 <sup>2B</sup>	3P003091	BORGW	415234 <sup>2B</sup>
3B8564	CATER	450030	3H995	CATER	417343 <sup>2B</sup>	3L0642	CATER	415098N	3P003094	BORGW	416071
3B8564	CATER	474253 <sup>2B</sup>	3HF14	GEM	6597S	3L14-4C046AA	FORD	100537	3P003100	BORGW	473228 <sup>2B</sup>
3B8984	CATER	471137	3J0366	CATER	412871 <sup>2B</sup>	3L14-4C046BA	FORD	100537	3P003101	BORGW	473232 <sup>2B</sup>
3B9008	CATER	417191	3J0366	CATER	450329	3L1Z4A109AA	FORD	100537	3P003102	BORGW	472185 <sup>2B</sup>
3B9116	CATER	415991	3J0370	CATER	413479 <sup>2B</sup>	3L1Z4A109BA	FORD	100537	3P003110	BORGW	471646 <sup>2B</sup>
3B9116	CATER	455146 <sup>2B</sup>	3J0371	CATER	416271 <sup>2B</sup>	3L3313	CATER	416891 <sup>2B</sup>	3P003112	BORGW	471413 <sup>2B</sup>
3B9369	CATER	416956	3J0374	CATER	415938	3L642	CATER	415098N	3P003113	BORGW	415004
3B9378	CATER	417211 <sup>2B</sup>	3J0375	CATER	415960	3L84-4N299AA	FORD	100552	3P003113	BORGW	417316 <sup>2B</sup>
3B9387	CATER	417211 <sup>2B</sup>	3J0377	CATER	415938	3L8P-7F401-AA	FORD	4635V	3P003117	BORGW	450040
3BLA0236	WHITE	450365	3J0378	CATER	450117	3L8Z-4N046AA	FORD	100552	3P003123	BORGW	415082
3BLA0236	WHITE	470898 <sup>2B</sup>	3J0378	CATER	472572 <sup>2B</sup>	3L8Z-7F401-AA	FORD	4635V	3P003124	BORGW	416239 <sup>2B</sup>
3C34-3254CA	FORD	710494	3J1516	CATER	416380 <sup>2B</sup>	3L8Z-7H426-AA	FORD	710971	3P003125	BORGW	417343 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
3P003127	BORGW	415294 <sup>28</sup>	3-Y569	KEN	472409 <sup>28</sup>	40003760	FIAT	227409	4001OS	JN-MN	450316
3P003128	BORGW	417361	400	UNIVE	417357	40003760	IVECO	227409	4001OS	JN-MN	472636 <sup>28</sup>
3PS396	C-P	415449 <sup>28</sup>	400	UNIVE	455192 <sup>28</sup>	40004000	AUTOB	227040	400220	C-R	800220
3PS396	C-P	455147	40000	C-R	417357	40004000	FIAT	227040	400220	SKF	800220
3Q298B1	STAND	473230 <sup>28</sup>	40000	SKF	417357	40004270	AUTOB	224025	400221	C-R	800221
3R12521	GMC	416102	40000040	AUTOB	227040	40004270	FIAT	224025	400221	SKF	800221
3R8555	GMC	415683	40000040	FIAT	227040	40004290	AUTOB	227040	400228K	CLARK	416921 <sup>28</sup>
3R8556	GMC	416364 <sup>28</sup>	40000040	IVECO	227040	40004290	FIAT	227040	400228K	CLARK	455011
3R8557	GMC	415294 <sup>28</sup>	40000040	SEAT	227040	40004300	FIAT	227409	40023	GEM	480630 <sup>28</sup>
3R8557	GMC	455294	40000050	AUTOB	224025	40004310	ALFAR	227409	40023	MACK	480630 <sup>28</sup>
3R963	GMC	416865 <sup>28</sup>	40000050	FIAT	224025	40004310	FIAT	227409	400235	JEFF	470358
3R963	GMC	455070	40000050	IVECO	224025	40004330	ALFAR	223005	400235	JEFF	473231
3S2214	CATER	473234 <sup>28</sup>	40000050	SEAT	224025	40004330	FIAT	223035	40024218	AA&M	710549
3S4P-7H260AA	FORD	710540	40000050	YUGO	224025	400044	C-R	800044	40024349	AA&M	710686
3S4Z-1177AA	FORD	710540	400001	WAYNE	417495	400044	SKF	800044	40024807	TROS	415272N
3-SPC22	NOVO	470062	4000015	GMC	412920 <sup>28</sup>	40004460	AUTOB	223035	40024807	TROS	416706 <sup>28</sup>
3-SPC22	NOVO	474264	40000180	ALFAR	222860	40004460	FIAT	223035	40024807C	TROS	415272N
3SPC22A	NOVO	470059	40000180	FIAT	222860	40004510	FIAT	222860	400250	C-R	800250
3SPC22A	NOVO	470380 <sup>28</sup>	40000180	IVECO	222860	4000467R91	IH	416404 <sup>28</sup>	400250	SKF	800250
3T1003	HU-WR	415379 <sup>28</sup>	40000180	SEAT	222860	40004750	FIAT	3774	400251	C-R	800251
3T1003	HU-WR	455379	40000260	FIAT	222860	400050	C-R	800050	400251	SKF	800251
3T1004	HU-WR	470548	40000260	FIAT	28X47X7 <sup>28</sup>	400050	SKF	800050	40025607.5	TROS	416921 <sup>28</sup>
3T1004	HU-WR	470625 <sup>28</sup>	40000260	IVECO	222860	4000527R91	IH	417351 <sup>28</sup>	40025607.5	TROS	455011
3T1014	HU-WR	415147	400003239	WHITE	416047	4000527R91	IH	455154	40025610	TROS	416921 <sup>28</sup>
3T1014	HU-WR	415449 <sup>28</sup>	400003239	WHITE	416332 <sup>28</sup>	4000531R91	IH	415304	40026004	TROS	43086S
3T1015	HU-WR	450316	40000470	AUTOB	223035	4000531R91	IH	476470 <sup>28</sup>	40026007.5	TROS	416654 <sup>28</sup>
3T1015	HU-WR	472636 <sup>28</sup>	40000470	FIAT	223035	400061	C-R	800061	40026007.5	TROS	455012
3T1026	HU-WR	471689 <sup>28</sup>	40000470	SEAT	223035	400061	SKF	800061	40026009.25	TROS	475012N
3T1549	HU-WR	471765 <sup>28</sup>	40000470	YUGO	223035	40006689	AA&M	710474	40026010	TROS	475012N
3T1554	HU-WR	415442 <sup>28</sup>	40000810	FIAT	223014	400071	C-R	800071	40027S	TIMKE	40027S
3T1555	HU-WR	471652	40000810	SEAT	223014	400071	SKF	800071	40028	CLARK	416921 <sup>28</sup>
3T1572	HU-WR	450489	40000LDS	JN-MN	473214 <sup>28</sup>	40007630	AA&M	710491	40028	CLARK	455011
3T1572	HU-WR	473244	40001660	FIAT	1999	40007712	AA&M	710536	400280	C-R	800280
3T1641	HU-WR	7208S	4000-1660	MERCE	1999	40009	DENCO	470163	400280	SKF	800280
3T1746	HU-WR	240319	40001710	AA&M	4762N	40009	DENCO	471766 <sup>28</sup>	4003	CABOT	415995 <sup>28</sup>
3U2J-1177AA	FORD	8660S	40001880	IVECO	227540	40009402	AA&M	710497	4003	CABOT	455013
3U2Z-1S177AA	FORD	8660S	40001880	IVECO	227550	40011315	AA&M	710648	4003	FAIRB	415995 <sup>28</sup>
3W1W-4B490AA	FORD	8660S	40001880	IVECO	75X100X12 <sup>28</sup>	40012061	AA&M	710563	4003	FAIRB	455013
3W1Z-1177AB	FORD	8660S	4000-1900	IVECO	229005	400124	C-R	800124	4003	GR-DV	415995 <sup>28</sup>
3W1Z-1S177AB	FORD	8660S	40001910	IVECO	100X130X12 <sup>28</sup>	400124	SKF	800124	4003	GR-DV	455013
3W436701AA	FORD	231004	40001910	IVECO	100X130X12 <sup>28</sup>	400134	C-R	800134	4003	GW	415995 <sup>28</sup>
3W4Z-6701-AA	FORD	231004	40001920	IVECO	416156	400134	SKF	800134	4003	GW	455013
3W5694	CATER	370022A	40001920	MERCE	416156	400140	C-R	800140	400300	C-R	800300
3X099903	BORGW	472258 <sup>28</sup>	40001920	MERCE	416156	400140	SKF	800140	400300	SKF	800300
3XE446	PARGN	411253 <sup>28</sup>	40001930	IVECO	125X150X12 <sup>28</sup>	400141	C-R	800141	40030004	TROS	45013S
3Y224	GW	415001 <sup>28</sup>	40001930	IVECO	231250	400141	SKF	800141	40030007	TROS	415013
3Y224	GW	455001	40001930	MERCE	125X150X12 <sup>28</sup>	4001449	ALLCH	472394	40030007	TROS	415995 <sup>28</sup>
3Y393	CHRYS	450291	40001930	MERCE	231250	40014490	ALLCH	472394	40030007.5	TROS	415995 <sup>28</sup>
3Y393	CHRYS	471141 <sup>28</sup>	40001930	MERCE	231250	4001456	ALLCH	472394	40030007.5	TROS	455013
3Y393	GW	450291	40001930	MERCE	231250	4001459	GW	415295	40030007C	TROS	415836
3Y393	GW	471141 <sup>28</sup>	40001LDS	JN-MN	415379 <sup>28</sup>	40014744	AA&M	710497	40030007C	TROS	415995 <sup>28</sup>
3Y393	IH	450291	40001LDS	JN-MN	455379	40015029	AA&M	710564	40030009.25	TROS	415836
3Y393	IH	471141 <sup>28</sup>	40002870	FIAT	222860	400160	C-R	800160	40030009.25	TROS	415995 <sup>28</sup>
3-Y393	KEN	450291	40003162	AA&M	710491	400160	SKF	800160	40030010	TROS	415836
3-Y393	KEN	471141 <sup>28</sup>	40003163	AA&M	710648	400164	C-R	800164	40030010	TROS	415995 <sup>28</sup>
3Y393	WHITE	450291	40003164	AA&M	710497	400164	SKF	800164	40030807.5	TROS	416404 <sup>28</sup>
3Y393	WHITE	471141 <sup>28</sup>	40003-33	TW-CO	471765 <sup>28</sup>	40-01642	TW-CO	450078	40030812	TROS	416404 <sup>28</sup>
3Y569	GW	450121	400034	C-R	800034	40-01642	TW-CO	473444	400320	C-R	800320
3Y569	GW	472409 <sup>28</sup>	400034	SKF	800034	40-01642	TW-CO	473238 <sup>28</sup>	400320	SKF	800320
3-Y569	KEN	450121	40003760	ALFAR	227409	40017140	AA&M	710558	400321	C-R	800321

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
400321	SKF	800321	400512	UNIVE	417356 <sup>2B</sup>	400751	SKF	800751	401024	GMC	5109
400325	C-R	800325	400512	UNIVE	455188	40077	C-R	417507	401026	GMC	5123
400325	SKF	800325	40051283	AA&M	710497	40077	SKF	417507	40103	TROS	6064
40035	C-R	370015A	400513	MICH	417356 <sup>2B</sup>	40078	C-R	417507	40107	IRON	471270 <sup>2B</sup>
40035	SKF	370015A	400513	MICH	455188	40078	SKF	417507	4010784	GW	417501
400350	C-R	800350	400525	MICH	417357	4007B	JN-MN	418028	40108	C-R	415041
400350	SKF	800350	400525	MICH	455192 <sup>2B</sup>	4007B	JN-MN	455137 <sup>2B</sup>	40108	IRON	470347
400354	C-R	800354	40053191	AA&M	710866	4007B391	WGEAR	450536	40108	IRON	474254
400354	SKF	800354	40053351	AA&M	710542	4007B391	WGEAR	471535 <sup>2B</sup>	40108	SKF	415041
40036	C-R	416130 <sup>2B,29</sup>	40053S	NATL	473213 <sup>2B</sup>	4008	C-R	4701N	40108	SPICE	3543
40036	SKF	416130	400550	C-R	800550	4008	SKF	4701N	40108-1	SPICE	3543
40037	GEM	471224 <sup>2B</sup>	400550	MICH	415036	400800	C-R	800800	40108-2	SPICE	3543
40037575	AA&M	710888	400550	SKF	800550	400800	SKF	800800	40109	SPICE	340385
40037764	AA&M	710548	400550	UNIVE	415036 <sup>29</sup>	400804	C-R	800804	4010900	FIAT	222860
400381	C-R	800381	400551	C-R	800551	400804	SKF	800804	4010900	FIAT	28X47X7 <sup>2B</sup>
400381	SKF	800381	400551	SKF	800551	400805	C-R	800805	40109-3	SPICE	340835
40038875	AA&M	710648	400554	C-R	800554	400805	SKF	800805	401100	C-R	801100
40039LDS	JN-MN	65X100X10	400554	SKF	800554	40081	GARLK	471472 <sup>2B</sup>	401100	SKF	801100
<sup>29</sup>			400555	C-R	800555	40084	AMC	450040	4011035	WOOL	55301S
4003CR	F-R-H	415995 <sup>2B</sup>	400555	SKF	800555	400842R91	IH	470737N	40116405	AA&M	710926
4003CR	F-R-H	455013	400575	MICH	415041	40085	C-R	370066A	401179	ALLCH	410312N
4003DBL	GW	415836	400575	UNIVE	415041 <sup>29</sup>	40085	SKF	370066A	401180	ALLCH	417134
4003DBL	GW	415995 <sup>2B</sup>	40058298	AA&M	710926	400855C91	IH	370007A	4011CG-13	IH	473228 <sup>2B</sup>
40040	C-R	370015A	40059S	TIMKE	40059S	40086	C-R	370066A	401201	C-R	801201
40040	C-R	370066A	40060	GARLK	471442 <sup>2B</sup>	40086	SKF	370066A	401201	SKF	801201
40040	SKF	370015A	400600	C-R	800600	40088	C-R	370066A	401202	MECH	370001A
40040	SKF	370066A	400600	MICH	417509	40088	SKF	370066A	401202	MECH	380001A
400400	C-R	800400	400600	SKF	800600	4008999	GW	472439	401204	MECH	370048A
400400	SKF	800400	400600	UNIVE	417509	400900	C-R	800900	401204	MECH	370182A
400401	C-R	800401	400601	C-R	800601	400900	SKF	800900	401204	MECH	380048A
400401	SKF	800401	400601	SKF	800601	40091	C-R	370036A	401218C91	IH	472015 <sup>2B</sup>
400404	C-R	800404	400605	C-R	800605	40091	C-R	370065A	401218C92	IH	412015V
400404	SKF	800404	400605	SKF	800605	40091	C-R	370066A	401219C91	IH	415379
4004130	EUCLD	417554 <sup>2B</sup>	400625	MICH	417223	40091	C-R	370349A	401219C92	IH	3893V <sup>2B</sup>
4004130	GMC	417554 <sup>2B</sup>	4006257	EUCLD	417115	40091	C-R	380036A	40129	C-R	370036A
4004136	GMC	J1138	4006257	GMC	417115	40091	SKF	370036A	40129	C-R	370349A
4004199	GMC	J1136	4006259	EUCLD	417016	40091	SKF	370065A	40129	C-R	380036A
40042LDS	JN-MN	416271 <sup>2B</sup>	4006263	EUCLD	416951	40091	SKF	370066A	40129	SKF	370036A
40043LDS	JN-MN	473231 <sup>2B</sup>	4006263	GMC	416951	40091	SKF	370349A	40129	SKF	370349A
4004496	GMC	415303 <sup>2B</sup>	40063S	TIMKE	40063S	40091	SKF	380036A	40129	SKF	380036A
400450	C-R	800450	40064S	NATL	471821 <sup>2B</sup>	400927	CONTI	417191	40130	C-R	370036A <sup>31</sup>
400450	SKF	800450	400650	C-R	800650	400927	CONTI	455165 <sup>2B</sup>	40130	C-R	370349A <sup>16</sup>
400451	C-R	800451	400650	SKF	800650	400929	WAYNE	8650S	40130	C-R	380036A
400451	SKF	800451	400659	C-R	710045	400954	C-R	800954	40130	SKF	370036A
400454	C-R	800454	400659	SKF	710045	400954	SKF	800954	40130	SKF	370349A
400454	SKF	800454	400667	RACIN	450188	400966D	OLIVE	340495	40130	SKF	380036A
40047374	AA&M	710864	4006B	JN-MN	416476 <sup>2B</sup>	40098	TROS	450095	401300	C-R	801300
400487	UNIVE	415187	4006B	JN-MN	455075	40098	TROS	473464 <sup>2B</sup>	401300	SKF	801300
400488	MICH	415187	400700	C-R	800700	400C3	GW	415836	401304	C-R	801304
40049	C-R	415036 <sup>29</sup>	400700	SKF	800700	400C3	GW	415995 <sup>2B</sup>	401304	SKF	801304
40049	SKF	415036	400704	C-R	800704	400D550	CONE	5170	40133	AMC	473215 <sup>2B</sup>
400499	UNIVE	415035 <sup>2B</sup>	400704	SKF	800704	400W500	CONE	5526	40133	C-R	370036A <sup>31</sup>
400499	UNIVE	415953	40071426	AA&M	710636	401000	C-R	801000	40133	C-R	370349A <sup>16</sup>
400500	C-R	800500	40071S	TIMKE	40071S	401000	SKF	801000	40133	C-R	380036A <sup>31</sup>
400500	MICH	415035 <sup>2B</sup>	40072	GARLK	471526 <sup>2B</sup>	401001	C-R	801001	40133	SKF	370036A
400500	MICH	455035	40075	MASTE	340413	401001	SKF	801001	40133	SKF	370349A
400500	SKF	800500	40075	TROS	450073	401004	C-R	801004	40133	SKF	380036A
400504	C-R	800504	400750	C-R	800750	401004	SKF	801004	40134	C-R	370036A <sup>31</sup>
400504	SKF	800504	400750	SKF	800750	40100510	IVECO	716484	40134	C-R	370349A <sup>16</sup>
40050495	AA&M	710687	400751	C-R	800751	40101S	TIMKE	40101S	40134	C-R	380036A <sup>31</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
40134	SKF	370036A	401472	ALLCH	450173	402000	C-R	802000	40232-30F00	NISSA	710128
40134	SKF	370349A	401472	CONTI	450173	402000	SKF	802000	40232-30R10	NISSA	710108
40134	SKF	380036A	401500	C-R	801500	4020015	ALLCH	455200N	40232-30R11	NISSA	710108
4013493	WABCO	456799	401500	SKF	801500	402004	C-R	802004	40232-31G00	NISSA	710072
40135	C-R	370036A <sup>31</sup>	401502	C-R	801502	402004	SKF	802004	40232-33P00	NISSA	710108
40135	C-R	370349A <sup>16</sup>	401502	SKF	801502	40201	GARLK	471466 <sup>28</sup>	40232-33P10	NISSA	710108
40135	C-R	380036A <sup>31</sup>	401504	C-R	801504	40201	TROS	414045 <sup>28</sup>	40232-33P55	NISSA	710108
40135	SKF	370036A	401504	SKF	801504	40202	CUSH	471571	40232-41W00	NISSA	1986
40135	SKF	370349A	40151	AMC	450084 <sup>28</sup>	40202C	CUSH	471571	40232-41W01	NISSA	1986
40135	SKF	380036A	40154S	TIMKE	40154S	40208	TIMKE	40208	40232-50W00	NISSA	710072
40136	C-R	370036A <sup>31</sup>	4015601	EUCLD	455035N	40210	C-R	370023A	40232-50W01	NISSA	710072
40136	C-R	380036A <sup>31</sup>	4015602	EUCLD	456865N	40210	C-R	380023A	40232-50Y00	NISSA	710127
40136	OLIVE	415001 <sup>28</sup>	40157S	TIMKE	40157S	40210	SKF	370023A	40232-50Y10	NISSA	710127
40136	OLIVE	455001	40158	C-R	417223	40210	SKF	380023A	40232-50Y11	NISSA	710125
40136	SKF	370036A	40158	SKF	417223	40213	GARLK	471264 <sup>28</sup>	40232-51E10	NISSA	710464
40136	SKF	380036A	401600	C-R	801600	40218	AMC	481864	40232-8B400	NISSA	710478
40138	C-R	417509	401600	SKF	801600	402200	C-R	802200	40232-8B500	NISSA	710072
40138	SKF	417509	401604	C-R	801604	402200	SKF	802200	40232-A0101	NISSA	1188
40139	C-R	370023A	401604	SKF	801604	402202	C-R	802202	40232-B5000	NISSA	1974
40139	C-R	370036A <sup>31</sup>	401606	C-R	801606	402202	SKF	802202	40232-B9500	NISSA	2002
40139	C-R	380023A	401606	SKF	801606	40225	GARLK	471255 <sup>28</sup>	40232-D0101	NISSA	225225
40139	C-R	380036A <sup>31</sup>	40162C29	IH	450084 <sup>28</sup>	40227-01E00	NISSA	225650	40232-D0111	NISSA	225225
40139	SKF	370023A	40162S	TIMKE	40162S	4022701E01	NISSA	225650	40232-D0112	NISSA	225225
40139	SKF	370036A	40166	GMC	416654 <sup>28</sup>	40227-0M000	NISSA	710125	40232-HC400	NISSA	710093
40139	SKF	380023A	40166	GMC	455012	40227-0T000	NISSA	710177	40232-M0205	NISSA	1949
40139	SKF	380036A	40166	TROS	224045	40227-31G00	NISSA	710398	40232-M0215	NISSA	1949
401400	C-R	801400	40169S	TIMKE	40169S	40227-31G01	NISSA	710071	40232-N7100	NISSA	444116
401400	SKF	801400	40175	AMC	450066	40227-50Y01	NISSA	710125	40236	ALLCH	415196 <sup>28</sup>
401401	C-R	801401	40175	AMC	473367 <sup>28</sup>	40227-50Y11	NISSA	710125	40237	GARLK	471564
401401	SKF	801401	401774	WAYNE	413247 <sup>28</sup>	40227-50Y55	NISSA	710125	4024561	ALLCH	8165
40140S	TIMKE	40140S	401774	WAYNE	450350	40227-73000	NISSA	1973	4024562	ALLCH	456641
401418D	OLIVE	340151	401775	WAYNE	416654 <sup>28</sup>	40227-7F000	NISSA	710071	402477	JEFF	450301
401418E	OLIVE	340151	401775	WAYNE	455012	40227-90001	NISSA	710556	402477	JEFF	472397 <sup>28</sup>
401418E	WHITE	340151	401783	JEFF	415449 <sup>28</sup>	40227-90004	NISSA	710406	402480	JEFF	415035 <sup>28</sup>
401440D	OLIVE	6590S	401783	JEFF	455147	40227-90012	NISSA	710405	402480	JEFF	455035
401440E	MINNM	6590S	401800	C-R	801800	40227-D0101	NISSA	225650	4024B	JN-MN	415482
40146	C-R	370023A	401800	SKF	801800	40227-D0102	NISSA	225650	402500	C-R	802500
40146	C-R	370036A	401804	C-R	801804	40227-EA000	NISSA	710921	402500	SKF	802500
40146	C-R	370349A	401804	SKF	801804	40227-EA000	SUZUK	710921	402502	C-R	802502
40146	C-R	380023A	4018068	GMC	415379	40227-HC450	NISSA	710218	402502	SKF	802502
40146	C-R	380036A	4018069	GMC	412473 <sup>28</sup>	40227-M5601	NISSA	710312	4025270	CUMMI	39804
40146	SKF	370023A	4018069	GMC	415894	40227-M5605	NISSA	710312	402550	MICH	455037
40146	SKF	370036A	4018377	GMC	415227 <sup>28</sup>	40227-Z5000	NISSA	710518	402550	UNIVE	455037 <sup>29</sup>
40146	SKF	370349A	40184	NATL	471571	40227-Z5001	NISSA	710518	402575	MICH	455024
40146	SKF	380023A	401902	C-R	801902	40230S	TIMKE	40230S	40259	GEM	450593 <sup>28</sup>
40146	SKF	380036A	401902	SKF	801902	40232-01E01	NISSA	225650	40260	TROS	1012N
401468	CONTI	471442 <sup>28</sup>	401905R91	IH	417509	40232-01G00	NISSA	710073	40263	TROS	415437
401469	CONTI	471538 <sup>28</sup>	401906	C-R	801906	40232-01G10	NISSA	710073	40267	MANT	416229
40147	C-R	370023A	401906	SKF	801906	40232-06R00	NISSA	710069	4026706	ALLCH	J1081
40147	C-R	370036A	40191	SPICE	473814	40232-06R10	NISSA	710069	402726	ALLCH	411253 <sup>28</sup>
40147	C-R	370349A	40191	VIC	473814	40232-0M000	NISSA	710127	402726	ALLCH	450099
40147	C-R	380023A	401914R91	IH	412943	40232-0P010	NISSA	710439	402750	C-R	802750
40147	C-R	380036A	4019164	EUCLD	9555S	40232-0P011	NISSA	710439	402750	SKF	802750
40147	SKF	370023A	401990	C-R	801990	40232-0P015	NISSA	710439	402754	C-R	802754
40147	SKF	370036A	401990	SKF	801990	40232-0P016	NISSA	710439	402754	SKF	802754
40147	SKF	370349A	4019N	TIMKE	4019N	40232-16500	NISSA	1188	40285	SPICE	6358
40147	SKF	380023A	401HH101	DANA	4624V	4023218000	NISSA	1174	402856R91	IH	416125 <sup>28</sup>
40147	SKF	380036A	401HH102	DANA	710008	40232-21000	NISSA	1183	40286	TIMKE	40286
401470	CONTI	471267 <sup>28</sup>	401HH103	DANA	4624V	40232-21B00	NISSA	710292	4028862	ALLCH	7568
401471	CONTI	471652	401HH104	EATON	415013N	40232-2F001	NISSA	710108	4028922	ALLCH	7568

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<sup>16</sup>Spindle Mount; <sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>31</sup>Hub Mount

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4028OS	JN-MN	415984 <sup>28</sup>	4040N	TIMKE	4040N	405103	C-R	805103	40604DM	IH	417196 <sup>28</sup>
403000	C-R	803000	40410S	TIMKE	40410S	405103	SKF	805103	40607	CASE	471795
403000	SKF	803000	404116	GMC	8705S	4051B	JN-MN	415090 <sup>29</sup>	406078	GMC	9912
403002	C-R	803002	40416	NATL	351487	405207XX	TIMKE	40X52X7	406085	BUC-E	412871 <sup>28</sup>
403002	SKF	803002	40420	ALLCH	415001 <sup>28</sup>	40520S	TIMKE	40520S	406085	BUC-E	450329
403006	C-R	803006	40420	ALLCH	455001	405225	H-S	43086S	406089	GMC	8940S
403006	SKF	803006	40427	GARLK	470954 <sup>28</sup>	40522S	TIMKE	40522S	40610	CASE	415991 <sup>28</sup>
40301S	TIMKE	40301S	404294	GMC	2043	4052468	FIAT	42X56X7 <sup>28</sup>	40610	CASE	415991N
40302	TROS	450274	40433S	TIMKE	40433S	4052468	FIAT	494117	40613	CASE	471466 <sup>28</sup>
403066R91	IH	335924N	40438S	TIMKE	40438S	40524SA	TRSCM	455192 <sup>28</sup>	40614	CASE	471689 <sup>28</sup>
4030B	JN-MN	471192	4043977	ALLCH	415035 <sup>28</sup>	405285	JEFF	417600	40615	CASE	471424 <sup>28</sup>
40316S	TIMKE	40316S	4043977	ALLCH	455035	405297	JEFF	450389	40616	CASE	472299
4032450	CHRY5	4250	40439770	ALLCH	415035 <sup>28</sup>	405297	JEFF	472492 <sup>28</sup>	40619	CASE	450867
4032450	MOPAR	4250	40439770	ALLCH	455035	4052D	GOODM	417541	40619	CASE	470898
403252	C-R	803252	40440	VIC	5MR1300	40533-01J00	NISSA	710070	4061919	ALLCH	472164 <sup>28</sup>
403252	SKF	803252	40446	GARLK	471554 <sup>28</sup>	405366C91	IH	415086N	406207XX	TIMKE	40X62X7
4033	EATON	415988	404489R91	IH	415025	405366C91	IH	417487 <sup>28</sup>	406208XX	TIMKE	40X62X8
403307	GMC	9912	404499	UNIVE	455134 <sup>28,29</sup>	405367C91	IH	417484N	40622	CASE	455151
4033261	ALLCH	416865 <sup>28</sup>	404503	C-R	804503	405367C91	IH	475322N	406279	CATER	471689 <sup>28</sup>
4033261	ALLCH	455070	404503	SKF	804503	405368C91	IH	475009N	40634	CASE	450444
40337S	TIMKE	40337S	404525	MICH	415142 <sup>29</sup>	4053B	JN-MN	417344 <sup>28</sup>	40634	CASE	471835 <sup>28</sup>
403502	C-R	803502	404525	UNIVE	415142 <sup>29</sup>	4053B	JN-MN	455006	40635	CASE	415498
403502	SKF	803502	404550	MICH	417512	405406XX	TIMKE	40X54X6	40635	HYST	415498
4035642	HR-DV	450183	404550	UNIVE	417512 <sup>29</sup>	4054B	JN-MN	417181 <sup>28,29</sup>	40635	VIC	9613S
4035642	HR-DV	472179	404575	MICH	415043	405503	C-R	805503	40637	CASE	470954 <sup>28</sup>
4035756	EUCLD	417608	404575	UNIVE	415043 <sup>29</sup>	405503	SKF	805503	40638	CASE	450185
4035756	GWI	417608	40458	GARLK	471567 <sup>28</sup>	405508XX	TIMKE	40X55X8	40638	CASE	473229
40360	C-R	6864S	4045D	SHEP	411253 <sup>28</sup>	4055358	FIAT	223535	40639	CASE	450067
40360	SKF	6864S	4045D	SHEP	450099	4055358	SEAT	223535	40639	CASE	473228
4036340	ALLCH	7568	404600	MICH	455203	40554	SPICE	4244	40640	CASE	417344 <sup>28</sup>
403689	WHITE	473473	404600	UNIVE	455203	40555	TIMKE	40555	40640	CASE	455006
403692D	OLIVE	204002	404625	MICH	455056	40555S	NATL	40555	40641	CASE	416865 <sup>28</sup>
40370S	TIMKE	40370S	404625	UNIVE	455056 <sup>29</sup>	40555S	TIMKE	40555S	40642	CASE	470120
40375	TIMKE	40375	404631	SPICE	330749V	405607XX	TIMKE	40X56X7	40642	CASE	471224 <sup>28</sup>
4037B	JN-MN	417541 <sup>29</sup>	40463-4-1X	SPICE	39930	40564SA	TRSCM	455513	40646	CASE	200110
40382	TIMKE	40382	40463-6-1X	SPICE	39920	40566	NATL	40566S	406464	CATER	473196
40385S	NATL	330385 <sup>28</sup>	4 046 368	FORD	3772	40566	TROS	40566S	406503	C-R	806503
403899	GMC	8705S	40468	TIMKE	40468	40566	WMG	40566S	406503	SKF	806503
40389S	TIMKE	40389S	40488	GARLK	471643 <sup>28</sup>	405661	ALLCH	415272N	406510XX	TIMKE	40X65X10
4039042	HR-DV	470163	4048B	JN-MN	416666	40566S	TIMKE	40566S	406525	MICH	455194 <sup>29</sup>
4039042	HR-DV	471766 <sup>28</sup>	4049266	CHRY5	5650	40568S	TIMKE	40568S	406525	UNIVE	455194 <sup>29</sup>
40392	TIMKE	40392	40492SA	TRSCM	345035	40570	SPICE	710204	40652S	TIMKE	40652S
40395	TIMKE	40395	40492SA	TRSCM	475845 <sup>28</sup>	4057006	CHRY5	3173	406550	MICH	417513
40395S	NATL	40395	40492SA	TRSCM	710022	4057006	CHRY5	710928	406550	UNIVE	417513 <sup>29</sup>
40395S	TIMKE	40395S	404941	O-M	471737	405703	C-R	805703	406575	MICH	417514
403VB7	MARI	415035 <sup>28</sup>	40494S	TIMKE	40494S	405703	SKF	805703	406575	UNIVE	417514 <sup>29</sup>
403VB7	MARI	455035	40494TA	TRSCM	415035 <sup>28</sup>	40576S	TIMKE	40576S	40658	CASE	43089S
404	UNIVE	416891 <sup>28,29</sup>	40494TA	TRSCM	415953	4057B4	WGEAR	471651	40659	CASE	472439
40400	GMC	470088	404VB7	MARI	415036	4057B5	WGEAR	416664 <sup>28</sup>	4065B	JN-MN	455121 <sup>29</sup>
40400	SPICE	8312	405000	C-R	805000	4057B5	WGEAR	455364	406600	MICH	455024
40401	TIMKE	40401	405000	SKF	805000	4058047	CHRY5	2506	406600	UNIVE	417515
40402	NATL	42763	405002	C-R	805002	405VB7	MARI	416891 <sup>28</sup>	406625	MICH	417516
40402	WMG	42763	405002	SKF	805002	40600	CASE	470169	406625	UNIVE	417516
40403	DANA	710065	4050229	ALLCH	470088	40600	CASE	473214	406651R91	IH	470625 <sup>28</sup>
40403	SPICE	710065	4050298	ALLCH	410694 <sup>28</sup>	406003	US-EL	340469	406660	US-EL	340009S
404031	SPICE	710065	4050B	JN-MN	473225 <sup>28,29</sup>	40601	CASE	417486	406748	GMC	225230
40408	ALLCH	450085	4050D	GOODM	416865 <sup>28</sup>	406010XX	TIMKE	40X60X10	406748	GMC	52X72X8 <sup>28</sup>
40408	ALLCH	470530 <sup>28</sup>	4050D	GOODM	455070	40602	CASE	471795	406748	OPEL	225230
4040H20	JA-MI	416288 <sup>28</sup>	4050LPD	JN-MN	473225 <sup>28</sup>	40603	CASE	450067	406748	OPEL	52X72X8 <sup>28</sup>
4040H20	JAE	416288 <sup>28</sup>	4051	NATL	5697	40603	CASE	473228	406752	GMC	224520

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
406752	OPEL	224520	408010XX	TIMKE	40X80X10	409VB7	MARI	417536	410119	NATL	470119
40678	GARLK	471267 <sup>28</sup>	4080B	JN-MN	471646 <sup>28</sup>	40X52X7	TIMKE	40X52X7	410119	TIMKE	410119
406808XX	TIMKE	40X68X8	408113	STUDE	473475	40X52X7SC	TRSCM	224010	410120	NATL	471224 <sup>28</sup>
40687	GARLK	471570 <sup>28</sup>	408239	ALLCH	410085	40X52X7SC	TRSCM	40X52X7 <sup>28</sup>	410132	NATL	412920 <sup>28</sup>
406898	EATON	370063A	408239	ALLCH	470530 <sup>28</sup>	40X52X7TC	TRSCM	40X52X7 <sup>28</sup>	410136	NATL	470625 <sup>28</sup>
4068B	JN-MN	416892 <sup>28</sup>	40830009	TROS	417351 <sup>28</sup>	40X54X55TB	TRSCM	1213N	41013S	TIMKE	41013S
406902R91	IH	471341 <sup>28</sup>	40830009	TROS	455154	40X54X6SC	TRSCM	40X54X6 <sup>28</sup>	410141	NATL	470141
4069B	JN-MN	410520	40830809	TROS	416011	40X54X6TC	TRSCM	40X54X6 <sup>28</sup>	410141	NATL	6835S
4069B	JN-MN	471272 <sup>28</sup>	40830809	TROS	417621 <sup>28</sup>	40X55X7	NATL	40X55X8 <sup>28</sup>	410154	NATL	473234 <sup>28</sup>
406VB7	MARI	415045 <sup>28</sup>	40830811	TROS	5578	40X55X8	TIMKE	40X55X8	410163	NATL	470163
406W550	CONE	5170	408342	CATER	471760	40X55X8SB	TRSCM	473677	410163	TIMKE	410163
406W600	CONE	5537	408450	CATER	471224 <sup>28</sup>	40X55X8SC	TRSCM	40X55X8 <sup>28</sup>	410183N	TIMKE	410183N
407008XX	TIMKE	40X70X8	408525	MICH	455195	40X55X8TC	TRSCM	40X55X8 <sup>28</sup>	410190	TIMKE	410190
40701	TROS	5419	408525	MICH	472157 <sup>28</sup>	40X56X7	TIMKE	40X56X7	41020	GARLK	471649 <sup>28</sup>
407011	BUC-E	474278 <sup>28</sup>	408525	UNIVE	416556 <sup>28</sup>	40X58X10	NATL	224235	410230	NATL	471689 <sup>28</sup>
407011	BUC-E	480356	408525	UNIVE	472157	40X58X10	NATL	42X58X7 <sup>28</sup>	41025-03080	HYUND	7457N
407039	FALCK	415991	408537	GMC	9912	40X60X10SC	TRSCM	40X60X10 <sup>28</sup>	4102542	HR-DV	450446
407039	FALCK	455146 <sup>28</sup>	408537	UNIVE	415196 <sup>28,29</sup>	40X60X10TC	TRSCM	40X60X10 <sup>28</sup>	41026S	TIMKE	41026S
407071	BUC-E	450400	408538	MICH	415196 <sup>28</sup>	28			41028	GARLK	471689 <sup>28</sup>
40709	SPICE	4250	408550	MICH	416891 <sup>28</sup>	40X62X11	NATL	224045	410298	WMG	473239 <sup>28</sup>
4070B	JN-MN	418028	408550	UNIVE	416891 <sup>28,29</sup>	40X62X7	TIMKE	40X62X7	410308	NATL	410308
4070B	JN-MN	455137 <sup>28</sup>	408575	MICH	415045 <sup>28</sup>	40X62X8	TIMKE	40X62X8	410308	NATL	450308
40710	SPICE	710043	408575	UNIVE	415045 <sup>28</sup>	40X65X10	TIMKE	40X65X10	410308	NATL	473468
40712	DANA	722109	408600	MICH	416137	40X65X10SC	TRSCM	40X65X10	410308	TIMKE	410308
407135	CATER	417211 <sup>28</sup>	408600	UNIVE	416137	40X65X10TC	TRSCM	40X65X10	410312N	TIMKE	410312N
407136	CATER	415991	408605	ALLCH	200912	40X68X8	TIMKE	40X68X8	410316	TIMKE	410316
407136	CATER	455146 <sup>28</sup>	408612	UNIVE	417518	40X70X8SC	TRSCM	40X70X8	41035	SPICE	455194
40715	GARLK	471646 <sup>28</sup>	40861S	TROS	5976S	40X70X8TC	TRSCM	40X70X8	41035000470837	MACK	
4071B	JN-MN	473245 <sup>28</sup>	408625	MICH	415058	40X72X7	FORSH	40X72X7	120X140X13 <sup>28</sup>		
407207A	HARWA	40X72X7	408638	H-S	412027	40X72X7	SIMRT	40X72X7	41035000470837	MACK	717004
407207XX	TIMKE	40X72X7	408662	BUC-E	415281N	40X72X7	TIMKE	40X72X7	4103-5000-545227	MACK	717005
407250	C-R	807250	4086649	CHRYL	710005	40X72X7SC	TRSCM	40X72X7	410352	NATL	472164 <sup>28</sup>
407250	SKF	807250	4087B	JN-MN	473016 <sup>28</sup>	40X72X7TC	TRSCM	40X72X7	410358	NATL	473231 <sup>28</sup>
407288	BUC-E	412040	40880D	IH	415379	40X80X10	FORSH	40X80X10	4103B	JN-MN	455584
4072N	TIMKE	4072N	408900	RACIN	471224 <sup>28</sup>	40X80X10	SIMRT	40X80X10	410410	NATL	471424 <sup>28</sup>
40730	GARLK	470590	4089297	CHRYL	710044	40X80X10	TIMKE	40X80X10	410433	NATL	471138 <sup>28</sup>
407407	BUC-E	450441	4089297	JEEP	710044	410027	NATL	471554 <sup>28</sup>	410441	NATL	471341 <sup>28</sup>
407407	BUC-E	471341 <sup>28</sup>	408991	STUDE	415449 <sup>28</sup>	41004	GARLK	471224 <sup>28</sup>	41048	GARLK	471733
407500	C-R	807500	408991	STUDE	455147	410049	NATL	471750 <sup>28</sup>	410496	NATL	410496
407500	SKF	807500	408A15204.5	TROS	6930	410059	TIMKE	410059	410496	TIMKE	410496
407508XX	TIMKE	40X75X8	408VB7	MARI	415351 <sup>28</sup>	410066	NATL	471419	4104B	JN-MN	481163 <sup>28,29</sup>
407543	ALLCH	450352	409008XX	TIMKE	40X90X8	410066	NATL	473367	410519	TIMKE	410519
407543	ALLCH	472164 <sup>28</sup>	409145	WHITE	415060	410071	NATL	472439	410520	TIMKE	410520
407544	ALLCH	40494S	409208	GMC	9049N	410076	NATL	470334 <sup>28</sup>	410524	TIMKE	410524
40760	TROS	226020	40922	TROS	472015 <sup>28</sup>	410083	NATL	472924 <sup>28</sup>	4105388	CHRYL	3655
40760	TROS	60X80X8 <sup>28</sup>	409235	GMC	5778	410083	WMG	472924 <sup>28</sup>	4105389	CHRYL	3655
40769S	TIMKE	40769S	409456	BENDI	340413	410085	TIMKE	410085	4105395	CHRYL	3655
40771S	NATL	340771	4094810	CHRYL	716102	410085N	TIMKE	410085N	4105396	CHRYL	4040N
40773	SPICE	470672	4094829	CHRYL	474288	410099	NATL	411253 <sup>28</sup>	410550	MICH	455197N
407760	EATON	370094A	4095OS	JN-MN	471737 <sup>29</sup>	4100993	FORD	710971	410552	NATL	470565 <sup>28</sup>
407810	EVERS	204035	40965	HYST	455195	4100B	JN-MN	415142 <sup>29</sup>	410552	NATL	470565 <sup>28</sup>
40787S	NATL	340787	40965	HYST	472157 <sup>28</sup>	410101	NATL	412119 <sup>28</sup>	410553	NATL	470553
40793	SPICE	5778	409704	WHITE	417488 <sup>28</sup>	410101N	TIMKE	410101N	410554S	NATL	40154S
40793-2	DANA	5778	40973S	TIMKE	40973S	410102	TIMKE	410102	410575	MICH	417520
4079B	JN-MN	471231 <sup>28</sup>	4097B	JN-MN	417191	410102	TIMKE	410102	410575	UNIVE	417520 <sup>29</sup>
4079T2	WHITE	415004	4097B	JN-MN	455165 <sup>28</sup>				410600	MICH	416144
4079T2	WHITE	417316 <sup>28</sup>	4098B	JN-MN	417525 <sup>29</sup>				410600	UNIVE	416144
407VB7	MARI	415058	4099	TIMKE	4099				410625	MICH	417238
408	UNIVE	416892 <sup>28</sup>	409910	CATER	471567 <sup>28</sup>				410686N	TIMKE	410686N
408010A	HARWA	40X80X10	409RC	SUL	416892 <sup>28</sup>				410694	TIMKE	410694

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
410708	TIMKE	410708	411337	NATL	471337	41224S	WMG	40120	413247	NATL	450350
410737	NATL	450737	411348	TIMKE	411348	4122B	JN-MN	415085 <sup>28</sup>	413247	TIMKE	413247
410737	NATL	470737	411376	NATL	455093	4122B	JN-MN	456648	413248	NATL	413248
410737	TIMKE	410737	411376	TIMKE	411376	4123	MINMA	417351 <sup>28</sup>	413248	TIMKE	413248
410752	TIMKE	410752	41138	GARLK	471763	4123	MINMA	455154	4132584	FIAT	1209
41075S	TIMKE	41075S	411394	NATL	450317	41232	GARLK	471737	4133B	JN-MN	457874
41079	HYST	470954 <sup>28</sup>	411394	TIMKE	411394	41241	TROS	455536	413469	NATL	413469 <sup>28</sup>
4107B	JN-MN	416921 <sup>28</sup>	4113B	JN-MN	471762 <sup>28</sup>	41246	GARLK	471766 <sup>28</sup>	413469	TIMKE	413469
4107B	JN-MN	455011	411500	TIMKE	411500	412473	NATL	415894	413470	TIMKE	413470
410825	TIMKE	410825	41152	C-R	5526	412473	TIMKE	412473	413472	TIMKE	413472
4108542	FIAT	224235	41152	SKF	5526	412550	MICH	415196 <sup>28</sup>	413478	TIMKE	413478
4108542	FIAT	42X58X7 <sup>28</sup>	411627-02-BD	RELEE	471272 <sup>28</sup>	412550	UNIVE	415196 <sup>28,29</sup>	413479	TIMKE	413479
410855	TW-CO	470548	411627-02-BH	RELEE	471138 <sup>28</sup>	41257	NATL	3677	41348	GARLK	472258 <sup>28</sup>
410855	TW-CO	470625 <sup>28</sup>	41162702BJ	RELEE	415995 <sup>28</sup>	41257	TIMKE	41257	41351	MALL	481644
410857	TW-CO	40468	411627-02-CA	RELEE	415559	412575	MICH	415047	413536	H-S	412119 <sup>28</sup>
410867N	TIMKE	410867N	41162702CE	RELEE	416888 <sup>28</sup>	412575	UNIVE	415047 <sup>29</sup>	413536	H-S	450101
410972N	TIMKE	410972N	411627-02-CJ	RELEE	416865 <sup>28</sup>	412600	MICH	416149	413539	H-S	450076
410987	NATL	450103	41162702CL	RELEE	416107 <sup>28</sup>	412600	UNIVE	416149	413539	H-S	470334 <sup>28</sup>
410987	NATL	450686	41162702CR	RELEE	416664 <sup>28</sup>	41262	GARLK	471795	413561	H-S	416664 <sup>28</sup>
410987	NATL	470987	41162702CX	RELEE	470898	412625	MICH	415060	413561	H-S	455364
410987	TIMKE	410987	411627-02-DE	RELEE	473228 <sup>28</sup>	41263	IH	415551	413577	H-S	450115
410989	NATL	470989	4116366	CHRYL	5131	41264	IH	417254	413577	H-S	473467
410989SSR	BRWNG	470989	4116366	MOPAR	5131	41264S	TIMKE	41264S	4136	TEKNI	470219
4109B	JN-MN	415281N	4116366AB	CHRYL	5131	41265	C-R	417512 <sup>29</sup>	4136	TEKNI	471649 <sup>28</sup>
410VB7	MARI	415066	41163T	TIMKE	41163T	41265	SKF	417512	41360	GARLK	471192
411035	WOOL	415072	41170	C-R	417511 <sup>29</sup>	412669C91	IH	475368N	413619	WHITE	415351 <sup>28</sup>
4111035	WOOL	415447	41170	SKF	417511	4126893	CHRYL	3677	41368	GARLK	473214 <sup>28</sup>
4111171	FIAT	224235	41185	C-R	415142 <sup>29</sup>	412699C91	IH	475368N	4137283	CHRYL	9316
4111171	FIAT	42X58X7 <sup>28</sup>	41185	SKF	415142	412725	TIMKE	412725	4137314	CHRYL	710067
41113	GARLK	471652	4118B	JN-MN	417603 <sup>28</sup>	412798N	TIMKE	412798N	4137314	MOPAR	710067
411143N	TIMKE	411143N	41190D	IH	470120	4127B	JN-MN	417073	4137426	CHRYL	8835S
411160V	TIMKE	411160V	41190D	IH	471224 <sup>28</sup>	4128	SKIL	40027S	4137426	JEEP	8835S
41117	GARLK	471692 <sup>28</sup>	411944	NATL	472924	41281S	NATL	471281 <sup>28</sup>	413752C91	IH	415027
4112001	CHRYL	9316	41195YA	AVCO	240470	412861	TIMKE	412861	413753C1	IH	415138 <sup>28</sup>
411245	NATL	455096	411A30805	TROS	8976S	41287	C-R	415043 <sup>29</sup>	413753C91	IH	415138 <sup>28</sup>
411245	TIMKE	411245	411VB7	MARI	416167 <sup>28</sup>	41287	SKF	415043	4137744	CHRYL	473814
411246	NATL	471737	411VB7	MARI	455091	412871	NATL	450329	4137765	CHRYL	722108
41125	C-R	455134 <sup>28</sup>	412	UNIVE	417247 <sup>28</sup>	412871	TIMKE	412871	4137766	CHRYL	4250
41125	SKF	455134	412015V	TIMKE	412015V	4128B	JN-MN	413469 <sup>28,29</sup>	41378	GARLK	473215 <sup>28</sup>
411251	TW-CO	410101N	412027	TIMKE	412027	412920	NATL	450132	4138B	JN-MN	471532 <sup>29</sup>
411252	TW-CO	470358	412028	TIMKE	412028	412920	NATL	472920	4139B	JN-MN	473471 <sup>29</sup>
411252	TW-CO	473231 <sup>28</sup>	412038N	TIMKE	412038N	412920	TIMKE	412920	413VB7	MARI	415196 <sup>28</sup>
411253	NATL	450099	412040	TIMKE	412040	412920V	TIMKE	412920V	414	UNIVE	417267
411253	TIMKE	411253	412065	WHITE	410694 <sup>28</sup>	412943	TIMKE	412943	414003	C-R	814003
41126	C-R	6565N	412066	WHITE	416921 <sup>28</sup>	412K1	WHITE	450400	414003	SKF	814003
41126	SKF	6565N	412066	WHITE	455011	412RC	SUL	471567 <sup>28</sup>	41403	CHRYL	473450 <sup>28</sup>
41126702CA	RELEE	415559	412119	NATL	450101	412VB7	MARI	417357	414045	TIMKE	414045
411275	TIMKE	411275V	412119	NATL	472856	412VB7	MARI	455192 <sup>28</sup>	41408924	NOK	
411275	WMG	415304	412119	TIMKE	412119	41305	C-R	455203 <sup>29</sup>	110X150X12 <sup>28</sup>		
411275	WMG	476470 <sup>28</sup>	412178	CATER	471652	41305	SKF	455203	4140B	JN-MN	471413 <sup>28</sup>
411275R	PAARS	416470N	412179	CATER	472258 <sup>28</sup>	41308	AVCO	350414	4141	TIMKE	4141
411275V	TIMKE	411275V	412180	CATER	471612	41308	AVCO	472311 <sup>28</sup>	41410	C-R	105X125X13
41128	GARLK	470712 <sup>28</sup>	412181	CATER	472649	4130B	JN-MN	450076	41410	SKF	105X125X13
411330	TIMKE	411330	412187	CATER	472164 <sup>28</sup>	4130B	JN-MN	470334 <sup>28</sup>	41413S	NATL	40140S
411330N	NATL	411330	412187	STUDE	450523	4131	TIMKE	4131	41425	C-R	
411330N	TIMKE	411330N	412188	STUDE	414268 <sup>28</sup>	41315	MALL	350974 <sup>28</sup>	105X130X12 <sup>28</sup>		
411336	WHITE	450352	412188	STUDE	450539	413246	TIMKE	413246	41425	SKF	105X130X12
411336	WHITE	472164 <sup>28</sup>	41220	SPICE	473227V	413246N	NATL	470574N	414268	NATL	450539
411336A	WHITE	450352	41220	VIC	473227 <sup>28</sup>	413246N	NATL	483246N	414268	TIMKE	414268
411336A	WHITE	472164 <sup>28</sup>	41224	GARLK	471413 <sup>28</sup>	413246N	TIMKE	413246N	4143	TIMKE	710403

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
41432	OLIVE	415001 <sup>28</sup>	415011	NATL	416921 <sup>28</sup>	415146N	WMG	415991 <sup>28</sup>	415449	TIMKE	415449
41432	OLIVE	455001	415012V	TIMKE	415012V	415146N	WMG	415991N	415449V	TIMKE	415449V
41436D	IH	417211 <sup>28</sup>	415013	TIMKE	415013	415147	TIMKE	415147	415458	NATL	415003
4143D5	WHITE	35949N	415013N	TIMKE	415013N	415147N	TIMKE	415147N	415458	NATL	455003
414467-C91	IH	370037A	415016N	TIMKE	415016N	415150	TIMKE	415150	415458	NATL	475458
414467-C91	IH	370338A	415021	TIMKE	415021	415156N	TIMKE	415156N	415458	TIMKE	415458
414467C91	NAVST	370037A	415023	TIMKE	415023	415164N	TIMKE	415164N	415458V	TIMKE	415458V
414467C91	NAVST	370338A	415025	TIMKE	415025	415187	TIMKE	415187	415469	WHITE	415458 <sup>28</sup>
41452	HYST	410312N	415027	NATL	455027	415192N	TIMKE	415192N	415469	WHITE	455003
41453	HYST	472409 <sup>28</sup>	415027	TIMKE	415027	415196	TIMKE	415196	415482	TIMKE	415482
41454	GARLK	473227 <sup>28</sup>	415027H	TIMKE	415027H	415200	NATL	416888 <sup>28</sup>	415483	NATL	455368
41454	HYST	415074	415027N	TIMKE	415027N	415213N	TIMKE	415213N	415483	TIMKE	415483
41455	C-R	105X140X12	415034	NATL	455034	415219	TIMKE	415219	415489	NATL	417603 <sup>28</sup>
41455	DANA	5778V	415034	TIMKE	415034	415227	TIMKE	415227	415498	TIMKE	415498
41455	HYST	417172	415035	NATL	415953	4152319	FIAT	222860	41550	C-R	9128S
41455	SKF	105X140X12	415035	NATL	455035	4152319	FIAT	28X47X7 <sup>28</sup>	41550	SKF	9128S
41455	SPICE	5778V	415035	TIMKE	415035	415234	TIMKE	415234	415507XX	TIMKE	41X55X7
41455-1	SPICE	5778V	415036	TIMKE	415036	415248N	TIMKE	415248N	41555	C-R	2064
41456	C-R		415041	TIMKE	415041	415254	TIMKE	415254	41555	SKF	2064
105X140X12 <sup>28</sup>			415043	TIMKE	415043	415259	TIMKE	415259	415551	TIMKE	415551
41456	HYST	473475	415045	TIMKE	415045	415263	TIMKE	415263	415551V	TIMKE	415551V
41456	SKF	105X140X12	415047	TIMKE	415047	41526S	TIMKE	41526S	415559	TIMKE	415559
414575	MICH	417525	415052	TIMKE	415052	415272N	TIMKE	415272N	415563	TIMKE	415563
414575	UNIVE	417525 <sup>29</sup>	415053	NATL	415138 <sup>28</sup>	415281	NATL	415281N	415577	TIMKE	415577
41460	WAUKE	471785 <sup>28</sup>	415053	WMG	415138 <sup>28</sup>	415281N	TIMKE	415281N	41560	TROS	473463
414600	MICH	417526	415058	TIMKE	415058	415281N	WMG	417349 <sup>28</sup>	415607XX	TIMKE	41X56X7
414600	UNIVE	417526	415060	TIMKE	415060	415284	TIMKE	415284	415610	TIMKE	415610
41460A	WAUKE	471785 <sup>28</sup>	415064	TIMKE	415064	415294	NATL	455294	41561S	TROS	473435
41461S	TIMKE	41461S	415066	TIMKE	415066	415294	TIMKE	415294	415627	TIMKE	415627
41462	GARLK	470625 <sup>28</sup>	415068	NATL	417269 <sup>28</sup>	415295	TIMKE	415295	415645	NATL	455104
414625	MICH	415351 <sup>28</sup>	41507	ALLCH	415035 <sup>28</sup>	4152A	WAYNE	472015 <sup>28</sup>	415645	TIMKE	415645
4146908	FIAT	1174	41507	ALLCH	455035	415302	TIMKE	415302	415656	TIMKE	415656
4146916	FIAT	224040	415070	NATL	416865 <sup>28</sup>	415303	TIMKE	415303	41566	GARLK	473230 <sup>28</sup>
4146916 <sup>28</sup>	FIAT	40X60X10	415072	TIMKE	415072	415304	TIMKE	415304	415683	TIMKE	415683
414692	WHITE	412473 <sup>28</sup>	415074	TIMKE	415074	415317	TIMKE	415317	415697	NATL	455547
414692	WHITE	415894	415076	TIMKE	415076	415322	TIMKE	417484	415697	TIMKE	415697
41472	GARLK	470380 <sup>28</sup>	415077	TIMKE	415077	415327	TIMKE	415327	415711	TIMKE	415711
4148	TIMKE	4148	415082	TIMKE	415082	415349	TIMKE	415349	415725	TIMKE	415725
414858	WHITE	472287 <sup>28</sup>	415082N	TIMKE	415082N	415350	TIMKE	415350	41572S	NATL	43076S
4148B	JN-MN	411253 <sup>28</sup>	415085	NATL	456648	415351	NATL	370020A	41576	GARLK	473231 <sup>28</sup>
4148B	JN-MN	450099	415085	TIMKE	415085	415351	NATL	415351	41579	SPICE	473135V
41492	GARLK	473228 <sup>28</sup>	415086N	TIMKE	415086N	415351	TIMKE	415351	415832	TIMKE	415832
41494SA	TRSCM	455134 <sup>28</sup>	415088	NATL	415088	415354	NATL	416404 <sup>28</sup>	415836	TIMKE	415836
414958	WHITE	472287 <sup>28</sup>	415088	NATL	455088	41536	TIMKE	41536	415836N	TIMKE	415836N
41498	GARLK	473228 <sup>28</sup>	415088	TIMKE	415088	41537	TIMKE	41537	415854	TIMKE	415854
4149B	JN-MN	470120	41509	TIMKE	41509	415371	TIMKE	415371	415857	TIMKE	415857
4149B	JN-MN	471224 <sup>28</sup>	415090	TIMKE	415090	415379	NATL	455379	415861C91	IH	415164N
414VB7	MARI	416888 <sup>28</sup>	415095	NATL	416271 <sup>28</sup>	415379	NATL	475379	415867	TIMKE	415867
414VB7	MARI	455200	415098N	TIMKE	415098N	415379	TIMKE	415379	415871	TIMKE	415871
415001	NATL	455001	4150N	WMG	710096	415389	TIMKE	415389	415876	TIMKE	415876
415001	TIMKE	415001	41510	TIMKE	41510	415389N	TIMKE	415389N	415876V	TIMKE	415876V
415001N	TIMKE	415001N	415105	NATL	415938	415394	TIMKE	415394	415894	TIMKE	415894
415003	TIMKE	415003	415115	NATL	416077	415425	TIMKE	415425	415897	TIMKE	415897
415004	TIMKE	415004	415116	TIMKE	415116	415436	TIMKE	415436	415899N	TIMKE	415899N
415004V	TIMKE	415004V	415124	TIMKE	415124	415437	NATL	455173	4159	WAYNE	470045
415006	NATL	417344 <sup>28</sup>	415128	TIMKE	415128	415437	TIMKE	415437	4159	WAYNE	476838 <sup>28</sup>
415007	TIMKE	415007	415137	TIMKE	415137	415442	TIMKE	415442	41590	GARLK	473010 <sup>28</sup>
415009	TIMKE	415009	415138	TIMKE	415138	415447	TIMKE	415447	415915C91	IH	712625
415009N	TIMKE	415009N	415142	TIMKE	415142	415449	NATL	415147	415937	TIMKE	415937
			415146	TIMKE	415146	415449	NATL	455147	415938	TIMKE	415938

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
415953	NATL	415035 <sup>28</sup>	416153	TIMKE	416153	416380	TIMKE	416380	416919	TIMKE	416919
415953	TIMKE	415953	416154	TIMKE	416154	416381	TIMKE	416381	416919N	NATL	416919
415958	NATL	455958	416156	TIMKE	416156	416383	TIMKE	416383	416919N	TIMKE	416919N
415958	TIMKE	415958	416158	TIMKE	416158	416394	TIMKE	416394	416921	NATL	455011
415960	NATL	415009	416163	TIMKE	416163	4163B	JN-MN	415725 <sup>28</sup>	416921	TIMKE	416921
415960	NATL	455009	416167	NATL	455091	416404	TIMKE	416404	416951	TIMKE	416951
415960	TIMKE	415960	416167	TIMKE	416167	416414	NATL	415991 <sup>28</sup>	416956	TIMKE	416956
415962	TIMKE	415962	416191	TIMKE	416191	416414	NATL	415991N	41698	VIC	722109
41598	GARLK	473232 <sup>28</sup>	4161B	JN-MN	416339	416422	TIMKE	416422	416VB7	MARI	417267
415983	TIMKE	415983	4161B	JN-MN	455031 <sup>28</sup>	416444	TIMKE	416444	417016	TIMKE	417016
415983N	NATL	415983	4162	O-M	471442 <sup>28</sup>	41647	SPICE	2146	417020	TIMKE	417020
415983N	TIMKE	415983N	4162	TIMKE	4162	416470N	TIMKE	416470N	417.02000	CENTC	223035
415983V	TIMKE	415983V	416229	TIMKE	416229	416476	NATL	455075	417022	TIMKE	417022
415984	TIMKE	415984	41623208	TROS	355732	416476	TIMKE	416476	41704	GARLK	472164 <sup>28</sup>
415988	TIMKE	415988	416239	NATL	416239	416500	TIMKE	416500	417040	TIMKE	417040
415991	NATL	415146 <sup>28</sup>	416239	TIMKE	416239	416550	MICH	416888 <sup>28</sup>	417.04000	CENTC	1999
415991	NATL	415991N	41624810	TROS	416282	416550	MICH	455200	417.04002	CENTC	472213
415991	NATL	455146	41624812	TROS	476283N	416550	UNIVE	416888 <sup>28</sup>	417.04003	CENTC	223014
415991	TIMKE	415991	41625207.5	TROS	411348 <sup>28</sup>	416550	UNIVE	455200	417073	TIMKE	417073
415991N	TIMKE	415991N	416257	TIMKE	416257	416556	TIMKE	416556	417079	TIMKE	417079
415995	NATL	415013	416267	TIMKE	416267	416557	TIMKE	416557	417082	TIMKE	417082
415995	NATL	415836	416268	TIMKE	416268	416563	MICH	416153 <sup>28</sup>	4170B	JN-MN	417196 <sup>28,29</sup>
415995	NATL	455013	416270	TIMKE	416270	416575	MICH	416892 <sup>28</sup>	417.10000	CENTC	224520
415995	TIMKE	415995	416271	TIMKE	416271	416575	UNIVE	416892 <sup>28</sup>	417115	TIMKE	417115
415995V	NATL	415013N	416273	NATL	416273	416600	MICH	416154 <sup>28</sup>	41713-31000	HYUND	224020
415995V	NATL	455995N	416273	TIMKE	416273	416600	UNIVE	416154 <sup>28</sup>	417134	TIMKE	417134
415995V	TIMKE	415995V	416278	TIMKE	416278	416624	TIMKE	416624	41714	GARLK	472185 <sup>28</sup>
4159A	WAYNE	470045	416282	TIMKE	416282	416624N	TIMKE	416624N	417158	NATL	455355
4159A	WAYNE	476838 <sup>28</sup>	416285	TIMKE	416285	416625	MICH	415351 <sup>28</sup>	417158	NATL	9864S
4159B	JN-MN	481163 <sup>28,29</sup>	416288	TIMKE	416288	416654	NATL	455012	417158	TIMKE	417158
415VB7	MARI	416154 <sup>28</sup>	416292	TIMKE	416292	416654	TIMKE	416654	417159	TIMKE	417159
4160	TIMKE	4160	416294	TIMKE	416294	416657	TIMKE	416657	417159V	TIMKE	417159V
416008	TIMKE	416008	416294V	TIMKE	416294V	416664	NATL	455364	417.17000	CENTC	470898
416011	NATL	2291	416297	TIMKE	416297	416664	TIMKE	416664	417171	TIMKE	417171
416011	TIMKE	416011	4162B	JN-MN	450083	416666	TIMKE	416666	417172	TIMKE	417172
416024	TIMKE	416024	4162B	JN-MN	472924 <sup>28</sup>	416670	TIMKE	416670	417181	TIMKE	417181
416029	TIMKE	416029	41630007.5	TROS	417487	416674V	TIMKE	416674V	417191	NATL	417191 <sup>28</sup>
416029N	NATL	416029	41630007.5	TROS	455086	416706	NATL	455272	417191	NATL	455165
416029N	TIMKE	416029N	41630010	TROS	417487	416706	TIMKE	416706	417191	TIMKE	417191
416039	TIMKE	416039	41630010	TROS	455014	416738	NATL	450096	417196	TIMKE	417196
416041	TIMKE	416041	41630810	TROS	415016N	416738	TIMKE	416738	417198	TIMKE	417198
416043	TIMKE	416043	41631210	TROS	456105	4167735	CHRYS	3946	417.20003	CENTC	473454
416044	TIMKE	416044	416313	TIMKE	416313	416775	TIMKE	416775	417205	TIMKE	417205
416047	TIMKE	416047	41631606	TROS	476470	4167908	CHRYS	473313	417210	TIMKE	417210
416070	TIMKE	416070	41631607.5	TROS	476470	4167917	CHRYS	482163N	417211	TIMKE	417211
416071	TIMKE	416071	41631610	TROS	455018	4167929	CHRYS	3173	417223	TIMKE	417223
416077	TIMKE	416077	41631610	TROS	476470	4167929	CHRYS	710928	417238	TIMKE	417238
416102	TIMKE	416102	41632010	TROS	416292	4167929	JEEP	3173	417247	TIMKE	417247
416107	NATL	455073	416321	TIMKE	416321	4167929	JEEP	710928	417.25000	CENTC	471192
416107	TIMKE	416107	416327	TIMKE	416327	4167930	CHRYS	3946	417.25001	CENTC	472164
416112	TIMKE	416112	416332	NATL	416047	416865	NATL	455070	417.25002	CENTC	473241
416125	TIMKE	416125	416332	TIMKE	416332	416865	TIMKE	416865	417.25003	CENTC	473234
416127	TIMKE	416127	416339	NATL	455031	416888	NATL	455200	417252	TIMKE	417252
416130	TIMKE	416130	416339	TIMKE	416339	416888	TIMKE	416888	417254	TIMKE	417254
416135	TIMKE	416135	416345	NATL	455033	416891	TIMKE	416891	417255	TIMKE	417255
416137	TIMKE	416137	416345	TIMKE	416345	416892	TIMKE	416892	417258	TIMKE	417258
416144	TIMKE	416144	416362	TIMKE	416362	4168B	JN-MN	327303 <sup>28</sup>	41726	GARLK	472179
416147	TIMKE	416147	416364	TIMKE	416364	4168LUP	JN-MN	327303 <sup>28</sup>	417262	NATL	417262
416149	TIMKE	416149	416370	TIMKE	416370	4169	SKIL	240119	417262	NATL	455448
416153	NATL	416153	416380	NATL	415196	41690	GARLK	473237 <sup>28</sup>	417262	TIMKE	417262

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
417262V	TIMKE	417262V	417.39002	CENTC	710215	417.44013	CENTC	1941	417.48000	CENTC	710240
417267	TIMKE	417267	417.40000	CENTC	473367	417.44014	CENTC	1950	417.48001	CENTC	710239
417269	NATL	417269	417.40001	CENTC	494117	417.44016	CENTC	5695	417.48002	CENTC	710193
417269	TIMKE	417269	417.40002	CENTC	710337	417.44018	CENTC	712938	417.48003	CENTC	710394
417273	TIMKE	417273	417.40007	CENTC	710097	417.44019	CENTC	1928	417.48004	CENTC	710175
417278	TIMKE	417278	417.40008	CENTC	710293	417.44021	CENTC	1959	417.48005	CENTC	4904
417283	TIMKE	417283	417.40009	CENTC	710148	417.44022	CENTC	225275	417.48006	CENTC	710522
417.29000	CENTC	472492	417.40010	CENTC	1936	417.44023	CENTC	5685	417.48007	CENTC	710393
417295	TIMKE	417295	417.42000	CENTC	710108	417.44024	CENTC	710178	417481	TIMKE	417481
417298	TIMKE	417298	417.42001	CENTC	710072	417.44028	CENTC	710574	417484	TIMKE	417484
417.30000	CENTC	471224	417.42002	CENTC	710127	417.44033	CENTC	710576	417484N	NATL	417484 <sup>28</sup>
417.30001	CENTC	480991	417.42003	CENTC	710125	417.44036	CENTC	710572	417484N	NATL	455322
417.30002	CENTC	223510	417.42004	CENTC	225650	417.45000	CENTC	1932	417484N	NATL	455322N
417316	NATL	415004	417.42006	CENTC	224045	417.45001	CENTC	1213N	417484N	NATL	475322N
417316	NATL	455004	417.42007	CENTC	710073	417.45002	CENTC	4990	417484N	TIMKE	417484N
417316	TIMKE	417316	417.42008	CENTC	2002	417.45003	CENTC	710323	417485	TIMKE	417485
41733	HYST	416364 <sup>28</sup>	417.42009	CENTC	223542	417.45004	CENTC	710311	417486	TIMKE	417486
417.33000	CENTC	1962	417.42010	CENTC	710305	417.45005	CENTC	223550	417487	NATL	415086N
417.33001	CENTC	224462	417.42012	CENTC	710176	417.45006	CENTC	710320	417487	NATL	455014
417.33002	CENTC	1217	417.42014	CENTC	710069	417.45007	CENTC	710392	417487	NATL	455086
417.33003	CENTC	1209	417.42015	CENTC	710107	417.45008	CENTC	710150	417487	TIMKE	417487
417.34000	CENTC	224235	417.42016	CENTC	1188	417.45009	CENTC	710225	417488	TIMKE	417488
417.34001	CENTC	224250	417.42017	CENTC	1183	417.45010	CENTC	1126	417490	TIMKE	417490
417.34002	CENTC	226020	417.42022	CENTC	710130	417.45011	CENTC	710094	417.49000	CENTC	471498
417343	TIMKE	417343	417.42023	CENTC	1974	417.45012	CENTC	710093	417491	TIMKE	417491
417344	NATL	455006	417.42024	CENTC	444116	417.45013	CENTC	1992	417492	TIMKE	417492
417344	TIMKE	417344	417.42025	CENTC	710312	417.45014	CENTC	1975	417493	TIMKE	417493
417349	NATL	415281N	417.42026	CENTC	710398	417.45015	CENTC	710191	417494	TIMKE	417494
417349	TIMKE	417349	417.42027	CENTC	226530	417.45016	CENTC	225530	417495	TIMKE	417495
417350	NATL	455479	417.42029	CENTC	710479	417.46000	CENTC	229522	417496	TIMKE	417496
417350	TIMKE	417350	417.42030	CENTC	710439	417.46001	CENTC	225450	417497	TIMKE	417497
417.35001	CENTC	710764	417.42031	CENTC	224270	417.46002	CENTC	474134	417498	TIMKE	417498
417351	NATL	455154	417.42032	CENTC	223400	417.46004	CENTC	710182	417499	TIMKE	417499
417351	TIMKE	417351	417.42033	CENTC	710128	417.46005	CENTC	710183	4175	TIMKE	4175
417352	TIMKE	417352	417.42034	CENTC	710292	417.46006	CENTC	225010	417500	TIMKE	417500
417353	TIMKE	417353	417.43000	CENTC	710168	417.46007	CENTC	4989	417.50000	CENTC	223240
417354	TIMKE	417354	417.43001	CENTC	710098	417.46008	CENTC	225875	417501	TIMKE	417501
417355	NATL	485497	417.43002	CENTC	474230	417.46009	CENTC	224100	417502	TIMKE	417502
417355	TIMKE	417355	417.43003	CENTC	473179	417.46010	CENTC	1196	417503	TIMKE	417503
417356	NATL	417356	417.43004	CENTC	710357	417.46011	CENTC	225082	417504	TIMKE	417504
417356	NATL	455188	417.43005	CENTC	473812	417.46013	CENTC	494122	417505	TIMKE	417505
417356	TIMKE	417356	417.43006	CENTC	710194	417.46014	CENTC	710437	417506	TIMKE	417506
417357	NATL	455192	417.43007	CENTC	710192	417.46015	CENTC	710338	417507	NATL	455513
417357	TIMKE	417357	417.43008	CENTC	710309	4174631	SPICE	470328	417507	TIMKE	417507
417358	TIMKE	417358	417.43009	CENTC	471950	4174631	SPICE	481213 <sup>28</sup>	417509	TIMKE	417509
417359	TIMKE	417359	417433	NATL	415563	4174632	SPICE	470358	41751	C-R	415295
417360	TIMKE	417360	417433	TIMKE	417433	4174632	SPICE	473231	41751	SKF	415295
417361	TIMKE	417361	417.44000	CENTC	4899	4174633	SPICE	471529	417.51000	CENTC	710404
417362	TIMKE	417362	417.44001	CENTC	1993	417.47000	CENTC	223830	417511	TIMKE	417511
417363	TIMKE	417363	417.44002	CENTC	225220	417.47001	CENTC	224015	417512	TIMKE	417512
417364	TIMKE	417364	417.44003	CENTC	1960	417.47002	CENTC	225005	417513	TIMKE	417513
417365	TIMKE	417365	417.44004	CENTC	226285	417.47003	CENTC	710226	417514	TIMKE	417514
417366	TIMKE	417366	417.44005	CENTC	223840	417.47004	CENTC	710230	417515	TIMKE	417515
41737	HYST	415085 <sup>28</sup>	417.44006	CENTC	225410	417.47005	CENTC	710529	417516	TIMKE	417516
4173789	CHRYS	3459	417.44007	CENTC	225673	417.47008	CENTC	1984	417518	TIMKE	417518
41738	HYST	413478	417.44008	CENTC	223605	417.47009	CENTC	710228	417520	TIMKE	417520
417.38001	CENTC	710259	417.44009	CENTC	710076	417.47010	CENTC	710227	417522	TIMKE	417522
417385	TIMKE	417385	417.44010	CENTC	1956	417474	TIMKE	417474	417525	TIMKE	417525
417.39000	CENTC	482126	417.44011	CENTC	710572	417480	NATL	455860	417526	TIMKE	417526
417.39001	CENTC	1176	417.44012	CENTC	710092	417480	TIMKE	417480	417530	TIMKE	417530

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
417531	TIMKE	417531	417608	TIMKE	417608	417.63003	CENTC	8704S	417.66019	CENTC	8243
417532	TIMKE	417532	41761	C-R	455194 <sup>29</sup>	417.63004	CENTC	5121	417.66022	CENTC	473473
417533	TIMKE	417533	41761	SKF	455194	417.63005	CENTC	6840S	417.66024	CENTC	8477S
417534	TIMKE	417534	417.61000	CENTC	6815	417.63007	CENTC	450776	417.66025	CENTC	410496
417535	TIMKE	417535	417.61001	CENTC	9569S	417.63008	CENTC	471862	417.66026	CENTC	485497
417536	TIMKE	417536	417.61002	CENTC	3195	417.63009	CENTC	6241S	417.67000	CENTC	417158
417537	CATER	470898	417.61003	CENTC	9150S	417.63010	CENTC	470487	417.67001	CENTC	455086
417537	TIMKE	417537	417.61004	CENTC	473677	417.63011	CENTC	8121S	417.67002	CENTC	415009
417538	TIMKE	417538	417.61005	CENTC	3186	417.63012	CENTC	473450	417.67003	CENTC	493291
417539	TIMKE	417539	417.61006	CENTC	7994S	417.63013	CENTC	5836	417.67005	CENTC	413248
417540	TIMKE	417540	417.61008	CENTC	9363S	417.63014	CENTC	6960	417.67006	CENTC	710498
417541	TIMKE	417541	417.61011	CENTC	9161	417.63015	CENTC	41257	417.67007	CENTC	4857
417542	TIMKE	417542	417.61012	CENTC	482253	417.63016	CENTC	484058	417.67008	CENTC	475458
417543	TIMKE	417543	417.61013	CENTC	484054	417.63017	CENTC	3677	417.67009	CENTC	417485
417544	TIMKE	417544	417.61015	CENTC	450044	417.63018	CENTC	8133S	417.67011	CENTC	6781
417545	TIMKE	417545	417.61016	CENTC	450444	417.63020	CENTC	471316	417.67012	CENTC	411348
417546	TIMKE	417546	417.61017	CENTC	451182	417.63021	CENTC	7886S	417.67015	CENTC	410825
417547	TIMKE	417547	417.61018	CENTC	44053	417.63022	CENTC	416271	417.67017	CENTC	456648
417548	TIMKE	417548	417.61020	CENTC	3395	417.64000	CENTC	8660S	417.67018	CENTC	470950
417549	TIMKE	417549	417.62000	CENTC	8871	417.64001	CENTC	51098	417.68000	CENTC	8835S
417550	TIMKE	417550	417.62001	CENTC	4762N	417.64002	CENTC	8430S	417.68001	CENTC	4250
417551	TIMKE	417551	417.62002	CENTC	8705S	417.64003	CENTC	2146	417.68002	CENTC	710067
417554	TIMKE	417554	417.62003	CENTC	5698	417.64005	CENTC	471831	417.68003	CENTC	415960
417555	TIMKE	417555	417.62004	CENTC	5697	417.64010	CENTC	8597S	417.68004	CENTC	442380
417556	TIMKE	417556	417.62005	CENTC	6064	417.65000	CENTC	4148	417.68005	CENTC	471271
417.56000	CENTC	7687S	417.62006	CENTC	331301N	417.65001	CENTC	370247A	417.68006	CENTC	9912
417.56001	CENTC	8549S	417.62008	CENTC	9406S	417.65003	CENTC	4160	417.68007	CENTC	416273
417.56002	CENTC	7022S	417.62009	CENTC	7934S	417.65004	CENTC	710950	417.68008	CENTC	455860
417.56005	CENTC	8429S	417.62010	CENTC	9178S	417.65005	CENTC	710519	417.68009	CENTC	481837
417.56006	CENTC	41787S	417.62011	CENTC	5113	417.65006	CENTC	9864S	417.68010	CENTC	472747
417562	TIMKE	417562	417.62012	CENTC	470059	417.65008	CENTC	493637	417698	TIMKE	417698
417563	TIMKE	417563	417.62013	CENTC	470064	417.65009	CENTC	710430	4177	EATON	416239 <sup>28</sup>
417564	TIMKE	417564	417.62014	CENTC	712146	417.65010	CENTC	6954S	417.70000	CENTC	442874
417567	TIMKE	417567	417.62015	CENTC	3357	417.65011	CENTC	9568	417.70002	CENTC	451948
417570	TIMKE	417570	417.62016	CENTC	5109	417.65012	CENTC	710454	417.70003	CENTC	42101S
417571	TIMKE	417571	417.62017	CENTC	5123	417.65013	CENTC	710091	417.70004	CENTC	50151S
417.58000	CENTC	473214	417.62018	CENTC	5699	417.65014	CENTC	51322	4177099	FORD	710403
417.58001	CENTC	473212	417.62019	CENTC	7607	417.65016	CENTC	410987	417.75001	CENTC	710295
417.58002	CENTC	455009	417.62020	CENTC	8594S	417.65017	CENTC	472856	417.75002	CENTC	710296
417.58003	CENTC	470547	417.62021	CENTC	8940S	417.65018	CENTC	2674	417.76000	CENTC	710080
417.58005	CENTC	5329	417.62022	CENTC	8139	417.65019	CENTC	5827	417.76001	CENTC	710081
417.58008	CENTC	42763	417.62024	CENTC	4175	417.65021	CENTC	7834	41777	SPICE	710304
417.58009	CENTC	8676S	417.62025	CENTC	5458	417.65022	CENTC	5796	41778	SPICE	710095
417.58010	CENTC	6626S	417.62026	CENTC	5573	417.65023	CENTC	450103	417780	TIMKE	417780
417.58012	CENTC	415458	417.62027	CENTC	8362	417.66000	CENTC	8974S	4177B	JN-MN	455019 <sup>28</sup>
417.58013	CENTC	9344S	417.62028	CENTC	224255	417.66001	CENTC	2081	41784-2	SPICE	155PKG
417.58014	CENTC	4131	417.62029	CENTC	480570	417.66002	CENTC	710105	41787S	TIMKE	41787S
417584	TIMKE	417584	417.62030	CENTC	7537S	417.66003	CENTC	6358	4178B	JN-MN	415001 <sup>28</sup>
417596	TIMKE	417596	417.62031	CENTC	9049N	417.66004	CENTC	4739	4178B	JN-MN	455001
417597	TIMKE	417597	417.62032	CENTC	450082	417.66005	CENTC	4795V	417.90000	CENTC	223535
417598	TIMKE	417598	417.62033	CENTC	710179	417.66007	CENTC	710166	417.90001	CENTC	710642
417598V	TIMKE	417598V	417.62034	CENTC	6985	417.66008	CENTC	4740	417.90002	CENTC	1012N
417600	TIMKE	417600	417.62035	CENTC	8293S	417.66009	CENTC	9015S	417.90003	CENTC	225500
417601	TIMKE	417601	417.62036	CENTC	710171	417.66010	CENTC	710103	417.90005	CENTC	1973
417602	NATL	417601	417.62037	CENTC	710057	417.66011	CENTC	710106	417.90006	CENTC	224010
417602	TIMKE	417602	417621	NATL	416011	417.66013	CENTC	5682	417.91000	CENTC	225230
417603	TIMKE	417603	417621	TIMKE	417621	417.66014	CENTC	8976S	417.91001	CENTC	224820
417604	TIMKE	417604	417.63000	CENTC	4099	417.66015	CENTC	450067	417.91002	CENTC	225225
417605	TIMKE	417605	417.63001	CENTC	4249	417.66016	CENTC	414045	417.91003	CENTC	1994
417606	TIMKE	417606	417.63002	CENTC	8695S	417.66018	CENTC	5756	417.91004	CENTC	224210

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
417.91005	CENTC	4898	4189H	TIMKE	4189H	4206B	JN-MN	450352	42150	US-EL	415302
417.91006	CENTC	1955	418E-71	IH	416153 <sup>28</sup>	4206B	JN-MN	472164 <sup>28</sup>	42154	TROS	370036A
417.91007	CENTC	225110	418VB7	MARI	473225 <sup>28</sup>	42070S	TROS	5589	42154	TROS	370349A
417.91008	CENTC	473823	419032C91	IH	2287	42071	GARLK	473242	42154	TROS	380036A
417.91009	CENTC	710070	4191B	JN-MN	472319 <sup>29</sup>	42073	TROS	370003A	42155	TROS	203034
417.91010	CENTC	710092	4193LPD	JN-MN	473439 <sup>28</sup>	42073	TROS	380003A	42159	GARLK	473204
417.91011	CENTC	1180	4194B	JN-MN	450083	42075	TROS	5578	4215B	JN-MN	416921 <sup>28</sup>
417.91012	CENTC	1953	4194B	JN-MN	472924 <sup>28</sup>	42076	US-EL	416664 <sup>28</sup>	4215B	JN-MN	455011
417.91013	CENTC	710266	4197B	JN-MN	417780 <sup>29</sup>	42076	US-EL	455364	42165C	VIC	5M403
417940	TIMKE	417940	41981	HR-DV	473215 <sup>28</sup>	42079	TROS	7600S	42166	TROS	415899N
4179497	CHRYS	5414	41999	VIC	450316	42081S	TIMKE	42081S	42166	TROS	416624N
4179498	CHRYS	2146	41999	VIC	472636 <sup>28</sup>	42089	TROS	7886S	42171	GARLK	470898
417967	TIMKE	417967	4199B	JN-MN	473437	42093	TROS	410312N	421732C91	IH	442874
417986N	TIMKE	417986N	419VB7	MARI	416154 <sup>28</sup>	420953	CATER	470380 <sup>28</sup>	42176	TROS	413478
417987N	TIMKE	417987N	41A62	O-M	471442 <sup>28</sup>	420984C91	IH	100495	42177D	IH	450066
417VB7	MARI	473215 <sup>28</sup>	41N1568	WGEAR	471466 <sup>28</sup>	420984C91	IH	476023N	42177D	IH	473367 <sup>28</sup>
41802	GARLK	472439	41X10133A	JOHND	470358	42099	TROS	5751	42179	TROS	353141 <sup>28</sup>
418027	TIMKE	418027	41X10133A	JOHND	473231	4209B	JN-MN	411245 <sup>28</sup>	42179D	IH	455008
418028	NATL	415137 <sup>28</sup>	41X10836A	JOHND	2081	4209B	JN-MN	455096	42181	TROS	6090S
418028	NATL	417352	41X50056D	JOHND	471272 <sup>28</sup>	421	KRSE	411376 <sup>28</sup>	42182D	IH	415034 <sup>28</sup>
418028	NATL	455137	41X51990A	JOHND	200854	4210	C-R	343101	42182D	IH	455034
418028	TIMKE	418028	41X53X7TA	TRSCM	1950	4210	SKF	343101	42183D	IH	471750 <sup>28</sup>
418029	NATL	455499	41X55X7	TIMKE	41X55X7	421001C	EMSCO	416865 <sup>28</sup>	42183DA	IH	471750 <sup>28</sup>
418029	TIMKE	418029	41X55X7SC	TRSCM	41X55X7 <sup>28</sup>	421001C	EMSCO	455070	42186	GARLK	472015 <sup>28</sup>
418038	TIMKE	418038	41X55X7TC	TRSCM	41X55X7 <sup>28</sup>	421002C	EMSCO	415074	42187	TROS	410708
41804	HYST	415281N	41X56X7SC	TRSCM	41X56X7 <sup>28</sup>	421003C	EMSCO	417298	42197	TROS	6163S
41809	HYST	415302	41X56X7TC	TRSCM	41X56X7 <sup>28</sup>	42101S	TIMKE	42101S	42198	GARLK	472016 <sup>28</sup>
41813	C-R	417513	42002	EATON	370023A	42103	SPICE	470331N	42198	TROS	452222 <sup>28</sup>
41813	SKF	417513	42002	EATON	380023A	4210530	CHRYS	471271 <sup>28</sup>	4219B	JN-MN	455406 <sup>28</sup>
41814	GARLK	472572 <sup>28</sup>	42006	GARLK	471424 <sup>28</sup>	42106	TROS	5778	422	KRSE	415449 <sup>28</sup>
41818	ALLCH	470163	4201	CLARK	471818	4210603	CHRYS	341022	42204	TROS	6200
41818	ALLCH	471766 <sup>28</sup>	420140C91	IH	40382	4210603	JEEP	341022	42205D	VIC	5M403
41826	GARLK	473238 <sup>28</sup>	42015	IH	473426	4210603	MOPAR	341022	4220B	JN-MN	415458 <sup>28</sup>
41833	C-R	417514	4201B	JN-MN	416071	4210952	CHRYS	722109	4220B	JN-MN	455003
41833	SKF	417514	42023	GARLK	472492 <sup>28</sup>	4210B	JN-MN	473224 <sup>28</sup>	4220LPD	JN-MN	415458 <sup>28</sup>
41833C	HYST	472394	42031	C-R	456141	421112	STUDE	472015 <sup>28</sup>	4220LUP	JN-MN	415458 <sup>28</sup>
41838	GARLK	473239 <sup>28</sup>	42031	SKF	456141	42116	TROS	450307	4220LUP	JN-MN	455003
4183LPD	JN-MN	35949N	42035	GARLK	472924 <sup>28</sup>	42117	TROS	450365	42210	GARLK	473243
418403	STUDE	340797	42039S	TROS	5401	42117	TROS	470898	42212	TROS	471271 <sup>28</sup>
41840S	TROS	474278 <sup>28</sup>	42041	TROS	5403	42120	C-R	710295	42215	MID-R	471466 <sup>28</sup>
41840S	TROS	6859S	42042	GARLK	417351 <sup>28</sup>	42120	SKF	710295	42215	SPECI	471344
418456	TW-CO	415036	42043	VIC	5M81	42121	TROS	5827	42216	MID	350567
41848	GARLK	473240 <sup>28</sup>	42045	TROS	5408	42125	VIC	5M289	42216	MID	471267 <sup>28</sup>
4184B	JN-MN	472070 <sup>29</sup>	42045	VIC	5M81	42126	TROS	5857	42216	MID-R	471267 <sup>28</sup>
4185	NATL	5698	42046	SPICE	473212	421268	WHITE	6635S	4221A144	KOEH	415458 <sup>28</sup>
41-85644	ASTON	7412S	42047	VIC	5M81	42130	TROS	5865	4221A144	KOEH	455003
418575	MICH	417533	42049	VIC	5M293	42132	TROS	5872S	4221B	JN-MN	415991
418575	UNIVE	417533 <sup>29</sup>	42053	TROS	5460	42132S	TROS	5872S	4221B	JN-MN	455146 <sup>28</sup>
4185B	JN-MN	415988 <sup>29</sup>	42056	GARLK	472397 <sup>28</sup>	42134	TROS	455280	42220	TROS	6270
418600	MICH	417534	42057	TROS	370002A	421372	STUDE	340385	42221S	TROS	6283S
418600	UNIVE	417534	42057S	UNIVE	415371 <sup>29</sup>	42140D	IH	415142	42225	TROS	6312
4186220	CHRYS	3476	42058S	TROS	370009A	42143	TROS	473228	42226	TROS	6324S
418625	MICH	457585	42058S	TROS	380009A	42143	TROS	51098	42229	TROS	6336S
41862D	IH	417351 <sup>28</sup>	42060	TROS	370019A	42146	TROS	200354	422309	WOOL	455576 <sup>28</sup>
41862D	IH	455154	420600	MICH	416158	421462	CATER	6760S	42231S	TROS	5872S
41869	GMC	415991	420600	UNIVE	416158	42146S	TROS	204002	42233S	TROS	6357S
41869	GMC	455146 <sup>28</sup>	42061S	TROS	370005A	42148	TROS	455151	42237S	TROS	6370N
418772	WHITE	450593 <sup>28</sup>	420625	MICH	415064	4214B	JN-MN	417546 <sup>28,29</sup>	42238S	TROS	471526 <sup>28</sup>
4187B	JN-MN	471267 <sup>28</sup>	420625	UNIVE	415064	42150	GMC	415991 <sup>28</sup>	4224	SKIL	471647
41888	VIC	416888 <sup>28</sup>	42063	DANA	4131	42150	GMC	415991N	42243	TROS	471442 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
42244	TROS	483054N	42315S	TROS	412473 <sup>2B</sup>	42400	VIC	5MR71	424872	ADAMS	415025
42248	TROS	330663	42315S	TROS	415894	4240044	CHRY	5414	4249	TIMKE	4249
42248	TROS	472354 <sup>2B</sup>	42316	TROS	370022A	4240150	CHRY	5650	42490	IH	471733
42249	TROS	417267	42316	TROS	380022A	42404-36010	TOYOT	710384	42490D	IH	471733
42256	TROS	370002A	42317	GARLK	471138 <sup>2B</sup>	42405	NEWPR	710645	424C32410	TROS	412473 <sup>2B</sup>
422575	UNIVE	415284 <sup>29</sup>	42317	TROS	6759S	42411S	TROS	6668S	424C32410	TROS	415894
42257S	TROS	6460S	42317S	TROS	6759S	42416	TROS	370004A	4250	TIMKE	4250
42258	MID	350394	42322S	TROS	471466 <sup>2B</sup>	42419	C-R	472157	42500	SPICE	710202
42258	MID	473227	42323S	TROS	471264 <sup>2B</sup>	42419	SKF	472157	4250222	ALLCH	473016 <sup>2B</sup>
42258	MID-R	473227	42324S	TROS	481443 <sup>2B</sup>	42421S	TIMKE	42421S	4250224	ALLCH	473016 <sup>2B</sup>
4225B	JN-MN	416292 <sup>29</sup>	42325S	TROS	6808N	42422	C-R	485195H	4250225	ALLCH	472070
422600	MICH	417535	42328S	TROS	6832S	42422	GARLK	470565 <sup>2B</sup>	425025	ADAMS	471787 <sup>2B</sup>
422600	UNIVE	417535	42329	GARLK	472636 <sup>2B</sup>	42422	SKF	485195H	425025	LETN	471787 <sup>2B</sup>
42260S	TIMKE	42260S	42329S	TROS	6835S	42426	C-R	455195	4250604	ALLCH	470077
422625	MICH	417536	4232B	JN-MN	472070 <sup>29</sup>	42426	C-R	472157 <sup>2B</sup>	4250604	ALLCH	474281 <sup>2B</sup>
422625	UNIVE	417536	42330	TROS	6840S	42426	SKF	455195	425067	ADAMS	416107 <sup>2B</sup>
42263	TROS	455566	42332R	DIA	450365	42426	SKF	472157	425067	ADAMS	455073
42266	TROS	471829	42332R	DIA	470898 <sup>2B</sup>	42427	C-R	416556 <sup>2B</sup>	425068	ADAMS	450070
42270	TROS	410708	42332S	TROS	6847S	42427	C-R	472157	425068	ADAMS	472185 <sup>2B</sup>
422743C91	IH	471424 <sup>2B</sup>	42336S	TROS	410496 <sup>2B</sup>	42427	SKF	416556	425068	LETN	450070
422744C91	IH	473232 <sup>2B</sup>	42337S	TROS	417210 <sup>2B</sup>	42427	SKF	472157	425068	LETN	472185 <sup>2B</sup>
42277	TROS	6565N	42338S	TROS	6863S <sup>2B</sup>	42427	SPICE	4525V	425069	ADAMS	417357
42279	TROS	416888 <sup>2B</sup>	42340S	TROS	370005A	42427	VIC	4525V	425069	ADAMS	455192 <sup>2B</sup>
42280	AMC	450078	42341	GARLK	412920 <sup>2B</sup>	42427S	TROS	370048A	425076	O-M	340469
42280	AMC	473444	42341S	TROS	6872S	42427S	TROS	370182A	4250832	ALLCH	415035 <sup>2B</sup>
42280	TROS	6575S	42343S	TROS	473234 <sup>2B</sup>	42427S	TROS	380048A	4250832	ALLCH	455035
42280S	NATL	7840S	4234493	WGEAR	417210 <sup>2B</sup>	42430010	TROS	417488 <sup>2B</sup>	4250833	ALLCH	450067
42282	TROS	6584S	42344R	TROS	6879H	424300810	TROS	417171 <sup>2B</sup>	4250833	ALLCH	473228
42284	TROS	6590S	42347S	TROS	6906S	42432408	TROS	412473 <sup>2B</sup>	4250B	JN-MN	473227
42284S	TROS	6590S	42353R	TROS	6988H	42432408	TROS	415894	4251	C-R	472810 <sup>2B</sup>
422857	WHITE	475012N	42354	TROS	370006A	42432410	TROS	412473 <sup>2B</sup>	4251	SKF	472810
422878	ADAMS	416892 <sup>2B</sup>	42355S	TROS	7014S	42432410	TROS	415894	4251203	ALLCH	410308 <sup>2B</sup>
422881	ADAMS	415027 <sup>2B</sup>	42357S	TROS	473234 <sup>2B</sup>	42433212	TROS	415899N	4251203	ALLCH	450308
422881	ADAMS	455027	42358S	TROS	410059	42433212	TROS	416624N	4251705	ALLCH	450121
422881	LETN	415027 <sup>2B</sup>	42358S	TROS	470380 <sup>2B</sup>	42434	GARLK	413246	4251705	ALLCH	472409 <sup>2B</sup>
422881	LETN	455027	4235B	JN-MN	471567 <sup>2B</sup>	42434	GARLK	413246N	4251784	ALLCH	472012
422881	WABCO	415027 <sup>2B</sup>	42368S	TROS	7381S	4244	TIMKE	4244	4251862	ALLCH	450441
422881	WABCO	455027	42369	VIC	5MR71	42440	VIC	5MR71	4251862	ALLCH	471341 <sup>2B</sup>
42288S	TROS	6597S	42369S	TROS	370005A	42446	DANA	370018A	42518621	ALLCH	450441
4228B	JN-MN	474276 <sup>2B</sup>	42372	GMC	417343 <sup>2B</sup>	42446	GARLK	413247 <sup>2B</sup>	42518621	ALLCH	471341 <sup>2B</sup>
42290	TROS	6612S	42372S	TROS	7781S	42446	SPICE	370018A	42518S	NATL	312518 <sup>2B</sup>
422920	ADAMS	470045	42373S	TROS	8370S	424469C91	IH	452742	4251D	GOODM	417278
422920	ADAMS	476838 <sup>2B</sup>	42375S	TROS	8059S	42449	DANA	719316	4251F	GOODM	417278
42295S	TROS	6635S	42376	MID	470590	42449	SPICE	719316	42520	MID	471689 <sup>2B</sup>
42296S	TROS	6638S	42376	MID-R	470590	424525	UNIVE	415150 <sup>2B</sup>	42520	MID-R	471689 <sup>2B</sup>
42298S	TROS	471570 <sup>2B</sup>	423843	ADAMS	450083	424575	MICH	415138 <sup>2B</sup>	42521	MID	470219
42299	TROS	351267	423843	ADAMS	472924 <sup>2B</sup>	424575	UNIVE	415138 <sup>2B</sup>	42521	MID	471649 <sup>2B</sup>
42299	TROS	471267 <sup>2B</sup>	423843	LETN	450083	424588	MICH	417538	42521	MID-R	470219
422997	ADAMS	473215 <sup>2B</sup>	423843	LETN	472924 <sup>2B</sup>	424600	MICH	417247 <sup>2B</sup>	42521	MID-R	471649 <sup>2B</sup>
42301S	TROS	9613S	423843	LK-BT	450083	424600	UNIVE	455123	4252117	ALLCH	415379 <sup>2B</sup>
42302	TROS	6649	423843	LK-BT	472924 <sup>2B</sup>	42461	GARLK	416271 <sup>2B</sup>	4252117	ALLCH	455379
42303	GARLK	471272 <sup>2B</sup>	423843	WABCO	472924 <sup>2B</sup>	424625	MICH	415066	4252153	ALLCH	417316 <sup>2B</sup>
42303S	TROS	473234 <sup>2B</sup>	42385	MWKE	442109	424625	UNIVE	415066 <sup>29</sup>	4252153	ALLCH	455004
42304	TROS	6663S	42385	TROS	5313	42469	BUDD	5924	4252154	ALLCH	411376 <sup>2B</sup>
42306	TROS	471413 <sup>2B</sup>	4238570	CHRY	4099	42470	C-R	47150S	4252154	ALLCH	455093
42308	TROS	470605 <sup>2B</sup>	4238789	CHRY	4249	42470	SKF	47150S	4252177	ALLCH	415379 <sup>2B</sup>
4231012	EARTH	471267 <sup>2B</sup>	4238B	JN-MN	415088 <sup>2B</sup>	424740	ADAMS	415449 <sup>2B</sup>	4252177	ALLCH	455379
42311S	TIMKE	42311S	4238B	JN-MN	455088	424740	ADAMS	455147	42523	IH	471827 <sup>2B</sup>
42311S	TROS	6703S	42396	TROS	5965	42475	C-R	415196 <sup>2B,29</sup>	42523TB	TRSCM	472157
42313	TROS	205004	4239B	JN-MN	473447 <sup>29</sup>	42475	SKF	415196	4252491	ALLCH	473475

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
42524SB	TRSCM	485195H	4254104	ALLCH	473010	425824	ADAMS	471821 <sup>28</sup>	42626	SKF	380065A
4252612	ALLCH	471192	4254122	ALLCH	470606 <sup>28</sup>	425824	LETN	470064	42627	C-R	370065A
4252649	ALLCH	472287 <sup>28</sup>	4254152	ALLCH	450867	425824	LETN	471821 <sup>28</sup>	42627	C-R	370349A
42528	C-R	416891 <sup>28,29</sup>	4254152	ALLCH	470898	42591	CHRYL	471354 <sup>28</sup>	42627	C-R	376590A
42528	SKF	416891	4254177	ALLCH	40140S	425931	MC-CL	472287 <sup>28</sup>	42627	C-R	380048A
4252815	ALLCH	450183	42541771	ALLCH	40140S	4259OS	JN-MN	450389	42627	C-R	380065A
4252815	ALLCH	472179	4254227	ALLCH	40301S	4259OS	JN-MN	472492 <sup>28</sup>	42627	C-R	386025A
4252825	ALLCH	450316	4254228	ALLCH	415458 <sup>28</sup>	425PKG	TIMKE	425PKG	42627	C-R	386590A
4252825	ALLCH	472636 <sup>28</sup>	4254228	ALLCH	455003	425R	TIMKE	425PKG	42627	SKF	370048A
4252849	ALLCH	472258 <sup>28</sup>	4254269	ALLCH	350954	4260	C-R	472810 <sup>28</sup>	42627	SKF	370065A
4252F	GOODM	415645 <sup>28</sup>	4254269	ALLCH	470954 <sup>28</sup>	4260	SKF	472810	42627	SKF	370349A
4252F	GOODM	455104	4254277	ALLCH	40140S	426007XX	TIMKE	42X60X7	42627	SKF	376590A
4253052	ALLCH	416271 <sup>28</sup>	4254341	ALLCH	40973S	4261	C-R	472810 <sup>28</sup>	42627	SKF	380048A
42530527	ALLCH	416271 <sup>28</sup>	4254544	ALLCH	416339	4261	SKF	472810	42627	SKF	380065A
4253124	ALLCH	450457	4254670	ALLCH	471787 <sup>28</sup>	42612	C-R	710698	42627	SKF	386025A
4253248	ALLCH	473463	42548	GARLK	470605 <sup>28</sup>	42612	SKF	710698	42627	SKF	386590A
4253264	ALLCH	40438S	4254838	ALLCH	472636 <sup>28</sup>	42615	AMC	50327	426273	BORGW	470120
4253265	ALLCH	450066	4254874	ALLCH	473228 <sup>28</sup>	42616	C-R	416137	426273	BORGW	471224 <sup>28</sup>
4253265	ALLCH	473367 <sup>28</sup>	4254875	ALLCH	471649 <sup>28</sup>	42616	SKF	416137	4262B	JN-MN	470120
4253297	ALLCH	40438S	4254912	ALLCH	450085	42617	GARLK	413248	4262B	JN-MN	471224 <sup>28</sup>
42532M1	C-R	455015	4254912	ALLCH	470530 <sup>28</sup>	426208XX	TIMKE	42X62X8	42630	C-R	370065A
42532M1	SKF	455015	4254932	ALLCH	40389S	42622	C-R	370065A <sup>31</sup>	42630	C-R	376590A <sup>16</sup>
4253341	ALLCH	471571	4254936	ALLCH	471268N	42622	C-R	370107A	42630	C-R	380065A
42533414	ALLCH	471571	4254954	ALLCH	450639	42622	C-R	376590A <sup>16</sup>	42630	C-R	386590A
4253382	ALLCH	417316 <sup>28</sup>	42549543	ALLCH	450639	42622	C-R	380065A <sup>31</sup>	42630	SKF	370065A
4253388	ALLCH	416892 <sup>28</sup>	4254963	ALLCH	471554 <sup>28</sup>	42622	C-R	386590A	42630	SKF	376590A
42534	GR-DV	416288 <sup>28</sup>	4254976	ALLCH	40433S	42622	SKF	370065A	42630	SKF	380065A
4253541	ALLCH	450070	4254986	ALLCH	40433S	42622	SKF	370107A	42630	SKF	386590A
4253541	ALLCH	472185 <sup>28</sup>	42549865	ALLCH	40433S	42622	SKF	376590A	42631	C-R	370031A
42536	FAIRB	456105	42550	C-R	370106A	42622	SKF	380065A	42631	C-R	370065A
42536	GARLK	471271 <sup>28</sup>	42550	C-R	380065A	42622	SKF	386590A	42631	C-R	376590A
4253670	ALLCH	40370S	42550	SKF	370106A	42623	C-R	370065A <sup>31</sup>	42631	C-R	380031A
42536706	ALLCH	40370S	42550	SKF	380065A	42623	C-R	370107A	42631	C-R	380065A
4253690	ALLCH	473243	425507XX	TIMKE	42X55X7	42623	C-R	376590A <sup>16</sup>	42631	C-R	386590A
4253691	ALLCH	450316	425508XX	TIMKE	42X55X8	42623	C-R	380065A <sup>31</sup>	42631	SKF	370031A
4253691	ALLCH	472636 <sup>28</sup>	4255130	ALLCH	471829	42623	C-R	386590A	42631	SKF	370065A
4253764	ALLCH	415001 <sup>28</sup>	42551309	ALLCH	471829	42623	SKF	370065A	42631	SKF	376590A
4253764	ALLCH	455001	42553123	ALLCH	472439	42623	SKF	370107A	42631	SKF	380031A
4253765	ALLCH	470358	4255587	ALLCH	471424 <sup>28</sup>	42623	SKF	376590A	42631	SKF	380065A
4253765	ALLCH	473231 <sup>28</sup>	42557	C-R	416135 <sup>28,29</sup>	42623	SKF	380065A	42631	SKF	386590A
4253769	ALLCH	455583N <sup>28</sup>	42557	GARLK	415449 <sup>28</sup>	42623	SKF	386590A	42632	GARLK	415483
4253781	ALLCH	417171 <sup>28</sup>	42557	SKF	416135	42624	C-R	370065A	42635	C-R	417518
42538	GR-DV	455018	4255839	ALLCH	471787 <sup>28</sup>	42624	C-R	370107A	42635	SKF	417518
42538	GR-DV	476470	42558395	ALLCH	471787 <sup>28</sup>	42624	C-R	380065A	4263B	JN-MN	471763
4253838	ALLCH	415001 <sup>28</sup>	4255851	ALLCH	40389S	42624	SKF	370065A	42640	TROS	6186
4253838	ALLCH	455001	425587	ALLCH	471424 <sup>28</sup>	42624	SKF	370107A	42644	C-R	415058 <sup>29</sup>
4253930	ALLCH	472234	4255B	JN-MN	417602 <sup>28</sup>	42624	SKF	380065A	42644	GARLK	415458 <sup>28</sup>
4253982	ALLCH	472287 <sup>28</sup>	4256	C-R	240470	42625	C-R	370030A	42644	SKF	415058
42539825	ALLCH	472287 <sup>28</sup>	4256	SKF	240470	42625	C-R	370065A <sup>31</sup>	4264B	JN-MN	471760 <sup>29</sup>
4253999	ALLCH	455336	4256022	ALLCH	410085N	42625	C-R	380065A <sup>31</sup>	426510XX	TIMKE	42X65X10
4254026	ALLCH	473473	425607XX	TIMKE	42X56X7	42625	C-R	386590A	426512	ADAMS	417356 <sup>28</sup>
4254050	ALLCH	471570 <sup>28</sup>	425643	ADAMS	450593 <sup>28</sup>	42625	SKF	370030A	426512	ADAMS	455188
42540690	ALLCH	415027 <sup>28</sup>	425643	LETN	450593 <sup>28</sup>	42625	SKF	370065A	426512	LETN	417356 <sup>28</sup>
42540690	ALLCH	455027	425643	WABCO	450593 <sup>28</sup>	42625	SKF	380065A	426512	LETN	455188
4254079	ALLCH	471787 <sup>28</sup>	42569	GARLK	416273	42625	SKF	386590A	426513	ADAMS	471570 <sup>28</sup>
4254101	ALLCH	450194	42573	C-R	415045 <sup>28</sup>	42626	C-R	370030A	426513	LETN	471570 <sup>28</sup>
4254101	ALLCH	473010	42573	SKF	415045	42626	C-R	370065A	426514	ADAMS	472394
42541011	ALLCH	450194	425748	WHITE	417316 <sup>28</sup>	42626	C-R	380065A	426514	WABCO	472394
42541011	ALLCH	473010	425807XX	TIMKE	42X58X7	42626	SKF	370030A	426515	ADAMS	416271 <sup>28</sup>
4254104	ALLCH	450194	425824	ADAMS	470064	42626	SKF	370065A	426515	LETN	416271 <sup>28</sup>

INTERCHANGE SECTION

<sup>16</sup>Spindle Mount; <sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>31</sup>Hub Mount

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
42656	GARLK	417343 <sup>28</sup>	427424-R92	IH	370001A	428806	WABCO	455146 <sup>28</sup>	42X58X7	TIMKE	42X58X7
426575	UNIVE	455251H <sup>29</sup>	427424R92	NAVST	370001A	42884	HYST	473448	42X58X7SC	TRSCM	42X58X7 <sup>28</sup>
4265B	JN-MN	417351 <sup>28</sup>	427424R92	NAVST	380001A	4288B	JN-MN	450067	42X58X7TC	TRSCM	42X58X7 <sup>28</sup>
4265B	JN-MN	455154	42746D	IH	410119	4288B	JN-MN	473228	42X60X7	TIMKE	42X60X7
426600	MICH	416163	42746D	IH	471442 <sup>28</sup>	4289B	JN-MN	412473 <sup>28</sup>	42X60X7SC	TRSCM	42X60X7 <sup>28</sup>
426600	UNIVE	416163	4274B	JN-MN	472012 <sup>29</sup>	4289B	JN-MN	415894	42X60X7TC	TRSCM	42X60X7 <sup>28</sup>
426625	MICH	456890	427552R91	IH	370001A	428PKG	TIMKE	428PKG	42X60X8SB	TRSCM	1953
426625	UNIVE	456890	427552R91	NAVST	380001A	428R	TIMKE	428PKG	42X62X8	TIMKE	42X62X8
4266B	JN-MN	415711 <sup>29</sup>	4275B	JN-MN	455026	429-0002	STEM	415991N	42X62X8SC	TRSCM	42X62X8
42671	C-R	370031A	42763	TIMKE	42763	429-0003	STEM	9773	42X62X8TC	TRSCM	42X62X8
42671	C-R	380031A	42770	GARLK	415303 <sup>28</sup>	429-0004	STEM	475003N	42X65X10	TIMKE	42X65X10
42671	SKF	370031A	4277B	JN-MN	416077	429-0005	STEM	100495	42X65X10SC	TRSCM	42X65X10
42671	SKF	380031A	4278	TIMKE	4278	429-0006	STEM	475012N	<sup>28</sup>		
42672	C-R	370031A	42780	HYST	472636 <sup>28</sup>	429-0007	STEM	100494	42X65X10TC	TRSCM	42X65X10
42672	C-R	380031A	42782	GARLK	417344 <sup>28</sup>	429-0008	STEM	475322N	<sup>28</sup>		
42672	SKF	370031A	42791	GARLK	417158 <sup>28</sup>	429-0009	STEM	415272N	42X70X10SC	TRSCM	42X70X10
42672	SKF	380031A	4279M	BRAD	470027	429-0010	STEM	100263	42X70X10TC	TRSCM	42X70X10
42673	C-R	370025A	4279M	BRAD	471554 <sup>28</sup>	429-0011	STEM	100557	42X72X10	TIMKE	42X72X10
42673	C-R	370030A	427PKG	TIMKE	427PKG	429-0012	STEM	127591	42X72X10SC	TRSCM	42X72X10
42673	C-R	370031A	427R	TIMKE	427PKG	4290B	JN-MN	456105 <sup>29</sup>	<sup>28</sup>		
42673	C-R	380025A	42800	C-R	370030A	4291V	TIMKE	4291V	42X72X10TC	TRSCM	42X72X10
42673	C-R	380031A	42800	C-R	370037A	429-2979	STEM	417484N	<sup>28</sup>		
42673	SKF	370025A	42800	C-R	370338A	429-2979	STEM	475322N	42X80X8SC	TRSCM	42X80X8
42673	SKF	370030A	42800	SKF	370030A	42933205	TROS	9339S	42X80X8TC	TRSCM	42X80X8
42673	SKF	370031A	42800	SKF	370037A	42940D	IH	471733	43	GARLK	320457
42673	SKF	380025A	42800	SKF	370338A	4295904	CHRYS	3459	43000	BLUE	442109
42673	SKF	380031A	428008XX	TIMKE	42X80X8	4297B	JN-MN	417316 <sup>28</sup>	43000	TROS	471526 <sup>28</sup>
4267B	JN-MN	327303 <sup>28</sup>	42 80 582	SAAB	710484	4297B	JN-MN	455004	43000239	AMC	470547
4268	DURA	450039	428119C91	IH	370023A	4298	DICO	203015	4300119	TREME	475322N
42683	GARLK	416664 <sup>28</sup>	428119C91	NAVST	380023A	429932	ADAMS	416888 <sup>28</sup>	4300121	FULLE	710211
426877	STUDE	470351	42812	GARLK	416921 <sup>28</sup>	429932	ADAMS	455200	43001S	TROS	473215 <sup>28</sup>
426877	STUDE	471504 <sup>28</sup>	4281B	JN-MN	472299	429932	LETN	416888 <sup>28</sup>	43002	TROS	410059
426878	STUDE	473474	428454C91	NAVST	370003A	429932	LETN	455200	43002	TROS	470380 <sup>28</sup>
4268B	JN-MN	415281N	428454C91	NAVST	380003A	429972	ADAMS	473228 <sup>28</sup>	4300204	FULLE	482041N
4269035	CHRYS	331228H	428455C91	IH	370003A	429972	LETN	473228 <sup>28</sup>	430032	CATER	417349 <sup>28</sup>
4269057	CHRYS	331228H	428455C91	NAVST	380003A	429972	WABCO	473228 <sup>28</sup>	43003S	TROS	410059
4269183	CHRYS	3173	42847	KELSE	416297	429PKG	TIMKE	429PKG	43003S	TROS	470380 <sup>28</sup>
4269183	CHRYS	710928	428472	ADAMS	415938	429R	TIMKE	429PKG	43006	TROS	473228 <sup>28</sup>
426947	BORGW	415483 <sup>28</sup>	428472	LETN	415938	42E29X60777	FWD	450094	43007	TROS	472185 <sup>28</sup>
426947	BORGW	455368	428472	WABCO	415938	42E29X60777	FWD	473462	43008S	TROS	472439
42698	GARLK	415984 <sup>28</sup>	428489	ADAMS	417196 <sup>28</sup>	42E3Y393	FWD	450291	43009	GARLK	417349 <sup>28</sup>
4269956	CHRYS	710058	428489	LETN	417196 <sup>28</sup>	42E3Y393	FWD	471141 <sup>28</sup>	43009	TROS	472924 <sup>28</sup>
4269956AB	CHRYS	710058	42-85825	ASTON	224010	42E3Y569	FWD	450121	4300B	JN-MN	415035 <sup>28</sup>
4269956AB	MOPAR	710058	428600	MICH	416167 <sup>28</sup>	42E3Y569	FWD	472409 <sup>28</sup>	4300B	JN-MN	455035
426PKG	TIMKE	426PKG	428600	MICH	455091	42E7Y1039	FWD	473215 <sup>28</sup>	4300D5	WHITE	410737 <sup>28</sup>
426R	TIMKE	426PKG	428600	UNIVE	416167 <sup>28</sup>	42E7Y1040	FWD	450593 <sup>28</sup>	4300D5	WHITE	450737
427010XX	TIMKE	42X70X10	428600	UNIVE	455091	42N1568	WGEAR	240009	43011	TROS	410085
4270B	JN-MN	417343 <sup>28,29</sup>	428613	MICH	417267	42X51514A	JOHND	340787	43011	TROS	470530 <sup>28</sup>
42710	GARLK	417316 <sup>28</sup>	428625	MICH	417269 <sup>28</sup>	42X51927A	JOHND	481181 <sup>28</sup>	4301106	ALLCH	418028
427112	WHITE	417344 <sup>28</sup>	428625	UNIVE	417269 <sup>28</sup>	42X51927A	JOHND	481181N	4301106	ALLCH	455137 <sup>28</sup>
427112	WHITE	455006	42867	SPICE	710389	42X53103A	JOHND	240733	430118	VOLVO	355660H
42719	GARLK	415960	42867	VIC	710389	42X55X7	TIMKE	42X55X7	430118-0	VOLVO	355660H
427208XX	TIMKE	42X72X8	4286B	JN-MN	416666	42X55X8	TIMKE	42X55X8	43012	TROS	473464
427210XX	TIMKE	42X72X10	42875	HYST	455308	42X55X8SC	TRSCM	42X55X8 <sup>28</sup>	43013	TROS	412119 <sup>28</sup>
427290	ADAMS	450067	4287B	JN-MN	472826 <sup>28</sup>	42X55X8TC	TRSCM	42X55X8 <sup>28</sup>	430132	VOLVO	710190
427290	ADAMS	473228	428806	ADAMS	415991	42X56916A	JOHND	471267 <sup>28</sup>	43014	TROS	8650S
427290	LETN	450067	428806	ADAMS	455146 <sup>28</sup>	42X56X7	TIMKE	42X56X7	4301461	ALLCH	471137
427290	LETN	473228	428806	LETN	415991	42X56X7SC	TRSCM	42X56X7 <sup>28</sup>	43015	DANA	5872S
4273275	CHRYS	3638	428806	LETN	455146 <sup>28</sup>	42X56X7TC	TRSCM	42X56X7 <sup>28</sup>	43015	TROS	471224 <sup>28</sup>
427394	WHITE	472164 <sup>28</sup>	428806	WABCO	415991	42X56X8SB	TRSCM	3393	43015-2	DANA	5872S

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4301537	ALLCH	471763	430625	MICH	417273	43098	TROS	471765 <sup>28</sup>	43119-39030	HYUND	710978
43015379	ALLCH	471763	430625	UNIVE	417273	4309B	JN-MN	470358	43119-39030	KIA	710978
43016S	TROS	39302	43063	TROS	476470	4309B	JN-MN	473231	43119-39900	HYUND	710118
43018	GARLK	417350 <sup>28</sup>	43064	TROS	415023	430D5	WHITE	473215 <sup>28</sup>	43119-3A011	HYUND	2007N
43018	TROS	412920 <sup>28</sup>	43065	TROS	416891 <sup>28</sup>	430PKG	TIMKE	430PKG	431194C91	IH	473243
43019	TROS	471192	43066	TROS	415041	430R	TIMKE	430PKG	43121	TROS	417191
4302	NATL	710067	43067S	NATL	240319	4310	NATL	5699	43123	TROS	475009N
43020S	TROS	470625 <sup>28</sup>	43067S	TROS	416271 <sup>28</sup>	43100	TROS	472397 <sup>28</sup>	4312363	STEM	7412S
43021	TROS	470954 <sup>28</sup>	43068	TROS	415147	4310030	ALLCH	450593 <sup>28</sup>	43124	TROS	471554 <sup>28</sup>
43022	TROS	472287 <sup>28</sup>	43068	TROS	415449 <sup>28</sup>	43101	TROS	410316	4312407	STEM	204507
4302452	ALLCH	450040	43069	TROS	417351 <sup>28</sup>	43101	TROS	472636 <sup>28</sup>	4312407	STEM	7781S
43024S	TROS	471763	43070S	TROS	415379	43103	TROS	472258 <sup>28</sup>	4312458	STEM	471766
43025	TROS	471765 <sup>28</sup>	43071	TROS	417205 <sup>28</sup>	43104	GARLK	416011	43125	TROS	473215 <sup>28</sup>
43026S	TROS	410163	43071S	TIMKE	43071S	43104	GARLK	417621 <sup>28</sup>	43126-21000	HYUND	710222
43026S	TROS	471766 <sup>28</sup>	43072	C-R	455197N <sup>29</sup>	4310467	ALLCH	471750 <sup>28</sup>	43127	TROS	471419
43027	TROS	471801 <sup>28</sup>	43072	SKF	455197N	4310487	ALLCH	471750 <sup>28</sup>	43127	TROS	473367
43028S	TROS	473016 <sup>28</sup>	43073	C-R	455197 <sup>29</sup>	4310523	ALLCH	471192	43128	TLSMI	415645 <sup>28</sup>
430298	ALLCH	470380 <sup>28</sup>	43073	SKF	455197	43105279	ALLCH	471643 <sup>28</sup>	43128	TLSMI	455104
43030	TROS	472179	43073	TROS	416556 <sup>28</sup>	43107	TROS	417316 <sup>28</sup>	43128	TROS	473228 <sup>28</sup>
430304	ALLCH	472572 <sup>28</sup>	43073	TROS	472157	4310986	ALLCH	471466 <sup>28</sup>	43129	TROS	473232 <sup>28</sup>
430305	ALLCH	416125 <sup>28</sup>	4307359	ALLCH	417354 <sup>28</sup>	4311035	WOOL	455022	43130	TROS	472185 <sup>28</sup>
430306	ALLCH	471847N	43074	TROS	416888 <sup>28</sup>	431106	ALLCH	418028	43131	C-R	417520
430307	ALLCH	472258 <sup>28</sup>	43075	HYST	473442 <sup>28</sup>	431106	ALLCH	455137 <sup>28</sup>	43131	SKF	417520
43032	TROS	471649 <sup>28</sup>	43075	TROS	417247 <sup>28</sup>	43110S	TROS	416288 <sup>28</sup>	4313165	STEM	5131
43033	GARLK	415836	43076S	TIMKE	43076S	4311125	ALLCH	470077	43132	TROS	410085
43033	GARLK	415995 <sup>28</sup>	43077	TROS	416706 <sup>28</sup>	4311125	ALLCH	474281 <sup>28</sup>	43132	TROS	470530 <sup>28</sup>
43034	TROS	470712 <sup>28</sup>	43078	TROS	415991	43113	TROS	415072	43133	NEWPR	710655
43034S	TIMKE	43034S	43079S	TROS	415379	4311323	ALLCH	416047	43133	TROS	411253 <sup>28</sup>
43035	TROS	473466	4307V	TIMKE	4307V	4311323	ALLCH	416332 <sup>28</sup>	43133-11000	HYUND	710222
43036	TROS	473235 <sup>28</sup>	43080	TROS	417492	43113232	ALLCH	416047	43134	TROS	410101N
43039	TROS	472636 <sup>28</sup>	43080S	TIMKE	43080S	43113232	ALLCH	416332 <sup>28</sup>	43134-34000	HYUND	712007
43040	TROS	412040	43083	TROS	415656	43114	TROS	416229	43134-39011	HYUND	712007
4304084	ALLCH	471570 <sup>28</sup>	43084	TROS	471264 <sup>28</sup>	43115S	TROS	415147	43135	TROS	471192
4304110	OPEL	712005	43085	SPICE	714675	43115S	TROS	415449 <sup>28</sup>	4313557	STEM	714655
430413R91	IH	470351	43085	TROS	473215 <sup>28</sup>	43116	GARLK	416288 <sup>28</sup>	43137	TROS	410163
43042	GARLK	417351 <sup>28</sup>	43085-2	DANA	714675	43116	TROS	416011	43137	TROS	471766 <sup>28</sup>
43043S	TROS	410496 <sup>28</sup>	43085-2	SPICE	714675	43116	TROS	417621 <sup>28</sup>	43138	TROS	410183N
43044	TROS	471689 <sup>28</sup>	430852-2	FORD	714675	43117	TROS	417181 <sup>28</sup>	43139	TROS	473179 <sup>28</sup>
43045S	TROS	410119	43086	TROS	470380 <sup>28</sup>	43119	TROS	415991 <sup>28</sup>	4313992	STEM	8660S
43045S	TROS	471442 <sup>28</sup>	43086S	TIMKE	43086S	43119	TROS	415991N	4313B	JN-MN	415036 <sup>29</sup>
43046S	TROS	8160S	43089S	TIMKE	43089S	43119-21000	HYUND	710396	43140	TROS	472394
43047S	TROS	410708	43089S	TROS	470334 <sup>28</sup>	43119-21010	HYUND	710396	43141	TROS	472397 <sup>28</sup>
43048	TROS	471829	43090-00Z00	NISSA	710766	43119-24000	HYUND	710708	43142S	TROS	472015 <sup>28</sup>
43051S	TROS	471344	43090-90012	NISSA	710406	43119-24010	HYUND	710700	43143	GARLK	417171 <sup>28</sup>
43054S	TROS	415304	43090-90014	NISSA	710052	43119-28000	HYUND	223543	43143	TROS	470308N
43054S	TROS	476470 <sup>28</sup>	43090-90017	NISSA	710052	43119-28001	HYUND	223543	43143-11000	HYUND	712007
43055	TROS	415003	43090-90060	NISSA	710052	43119-28002	HYUND	223543	43143-11010	HYUND	222025
43055	TROS	415458 <sup>28</sup>	43090-90061	NISSA	710766	43119-28003	HYUND	223543	43143-14000	HYUND	223014
43055	VIC	5M89	43090-Z5000	NISSA	710556	43119-28020	HYUND	710976	43143-33000	HYUND	223014
4305534	ALLCH	470027	43090-Z5001	NISSA	710458	43119-28020	KIA	710976	43143-44000	HYUND	223014
4305534	ALLCH	471554 <sup>28</sup>	43090-Z5002	NISSA	710458	43119-34010	HYUND	223520	43143-4A001	HYUND	223014
43056	TROS	417316 <sup>28</sup>	43092	TROS	410085	43119-37000	HYUND	710396	43143-4A001	KIA	223014
43057	TROS	417344 <sup>28</sup>	43092	TROS	470530 <sup>28</sup>	43119-37000	KIA	710396	43143-51000	HYUND	223800
4305798	ALLCH	415023	43093	TROS	471192	43119-37010	HYUND	710396	43145	TROS	410316
43058	TROS	415960	43094	TROS	470954 <sup>28</sup>	43119-37010	KIA	710396	43145	TROS	472636 <sup>28</sup>
430600	ALLCH	487945	43095	TROS	473460	43119-37100	HYUND	223543	43146	SPICE	417158 <sup>28</sup>
430600	MICH	417539 <sup>28</sup>	43095S	NATL	340847	43119-39010	HYUND	710747	43146	TROS	472164 <sup>28</sup>
430600	UNIVE	417539 <sup>28</sup>	43095S	TIMKE	43095S	43119-39011	HYUND	710747	431461	ALLCH	471137
43060S	TROS	415013N	43096	TROS	471760	43119-39020	HYUND	710747	43146-14000	HYUND	221610
43060S	TROS	415995V	43097	TROS	471763	43119-39030	HYUND	710747	43148	TROS	470898

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4314832	STEM	1126	4317810	STEM	452742	43232-01G00	NISSA	1960	43252-0F000	NISSA	223542
43149	TROS	472492 <sup>2B</sup>	43179	TROS	417181 <sup>2B</sup>	43232-01G00	NISSA	710305	43252-0W000	NISSA	710479
4314B	JN-MN	417487	43180	TROS	412473 <sup>2B</sup>	43232-01G01	NISSA	1960	43252-11G00	NISSA	223400
4314B	JN-MN	455086	43180	TROS	415894	43232-01G10	NISSA	710305	43252-1PA0A	NISSA	710938
43150	TROS	473227 <sup>2B</sup>	43184	TROS	415272N	43232-0T000	NISSA	710434	43252-40P00	NISSA	710130
43151	TROS	410519	43185	TROS	417484N	43232-0T010	NISSA	710434	43252-7S200	NISSA	710869
43151	TROS	471271 <sup>2B</sup>	43185	TROS	475322N	4323211G00	NISSA	226530	43252-82100	NISSA	228025
43153	TROS	415001 <sup>2B</sup>	4318662	STEM	3946	4323221000	NISSA	224045	43252-89TA2	NISSA	710080
431537	ALLCH	471763	43186S	TROS	417159	43232410	TROS	417191	43252-89TA4	NISSA	710080
43154	SPICE	710241	4318891	STEM	9316	43232-42G00	NISSA	710176	43252-89TA7	NISSA	710080
43154	TROS	415003	43189	TROS	475380N	43232-42G10	NISSA	710176	43252-89TA9	NISSA	710081
43154	TROS	415458 <sup>2B</sup>	4319	WOODB	415458 <sup>2B</sup>	43232-50A00	NISSA	710308	43252-C6000	NISSA	224255
431543	WHITE	455336	43190	TROS	415437	43232-50A10	NISSA	710308	43252-C6001	NISSA	224255
43155	TROS	417316 <sup>2B</sup>	4319221	STEM	6815	43232-78100	NISSA	223542	43252-HC000	NISSA	710320
43156	TROS	417344 <sup>2B</sup>	4319244	STEM	3173	43232-85000	NISSA	1974	43252-T6200	NISSA	710070
43156-44000	HYUND	223608	4319273	STEM	2043	43232-B5000	NISSA	1974	43252-VW000	NISSA	223542
43156-4B000	HYUND	223608	43194	TROS	416394	43232E4100	NISSA	224270	43252-ZR00A	NISSA	710851
4315694	ALLCH	415234 <sup>2B</sup>	431-9743	STEM	4148	43232P4500	NISSA	223542	43253	TROS	40389S
43157	TROS	475009N	4319753	STEM	4739	43232-T6200	NISSA	65X90X10 <sup>2B</sup>	43254	TROS	40395
43158	TROS	416921 <sup>2B</sup>	43198	TROS	41264S	43232-WK600	NISSA	710763	43254	TROS	40395S
43159S	TROS	475012N	4319970	STEM	470530	432323207	TROS	415991 <sup>2B</sup>	43254-0T000	NISSA	710185
4315B	JN-MN	415025 <sup>29</sup>	431PKG	TIMKE	431PKG	43233207	TROS	415991 <sup>2B</sup>	43255	TROS	417267
43160	TROS	415836	431R	TIMKE	431PKG	43233207	TROS	415991N	43257S	TROS	40401
43160	TROS	415995 <sup>2B</sup>	43201	C-R	417238	43233207.5	TROS	415991 <sup>2B</sup>	43259	TROS	351487
4316044	STEM	8835S	43201	SKF	417238	43233207.5	TROS	415991N	43260S	TROS	40433S
4316054	STEM	481181	43203	TROS	40027S	43233207C	TROS	415991 <sup>2B</sup>	43261S	TROS	471647
4316085	STEM	473231	43205	TROS	473213 <sup>2B</sup>	43233207C	TROS	415991N	43262	TROS	40468
4316146	STEM	4762N	43206	TROS	43089S	43233209	TROS	415991 <sup>2B</sup>	4326220	STEM	475003N
431616R91	IH	370021A	43207	TROS	40059S	43233209	TROS	415991N	4326239	STEM	475003N
431616R92	IH	370021A	43208	TROS	7886S	43233210	TROS	415991	43263	TROS	442380
431619R91	IH	370036A	43211	TROS	472185 <sup>2B</sup>	43233210	TROS	455146 <sup>2B</sup>	4326373	STEM	9773
431619R91	NAVST	370349A	4321100	STEM	470898	43233213	TROS	415991 <sup>2B</sup>	43264	TROS	40520S
431619R91	NAVST	380036A	43212	TROS	40071S	43233213	TROS	415991N	43267S	TROS	40555
43161S	TROS	415016N	43215	TROS	40101S	43234	TROS	40208	43267S	TROS	40555S <sup>2B</sup>
4316247	STEM	473010N	4321769	STEM	4740	43234408	TROS	416919N	43269	TROS	40566S
43162S	TROS	415304	4321771	STEM	8974S	43235	TROS	471647	43269S	TROS	40555
43162S	TROS	476470 <sup>2B</sup>	43218	TROS	240119	43236	GARLK	417181 <sup>2B</sup>	43269S	TROS	40555S <sup>2B</sup>
4316315R1	IH	325776	4321955	STEM	2286	43237	TROS	40230S	4327	C-R	11X17X4
4316316R1	IH	325776	43220	TROS	40140S	43239	OLIVE	418028	4327	SKF	11X17X4
43164	TROS	415035	4322304101	NISSA	224235	43239	OLIVE	455137 <sup>2B</sup>	43270	TROS	40568S
4316599	STEM	4099	43224	TROS	40157S	43239	TROS	40286	4327292	STEM	475322N
43167	TROS	416865 <sup>2B</sup>	4322425	STEM	3095	432-4003	STEM	4160	4327295	STEM	475322N
43168	TROS	416239 <sup>2B</sup>	4322532	STEM	412920	43241	TROS	40301S	4327370	STEM	417316
43169S	TROS	416271 <sup>2B</sup>	4322550	STEM	442109	43242	TROS	40316S	4327452	STEM	4564V
4316B	JN-MN	450765 <sup>2B</sup>	43226	TROS	40652S	43243	TROS	240319	43275	GARLK	417353 <sup>2B</sup>
43170	TROS	476283N	4322619	STEM	415234	43245	TROS	40337S	4327501	STEM	475009N
43171	TROS	417602 <sup>2B</sup>	4322619	STEM	473212	432452	ALLCH	450040	43276	TROS	40769S
4317144	STEM	442251	43228	TROS	40169S	4324898	STEM	471271	4327642	STEM	3591
4317146	STEM	442251	43230	TROS	471571	43249	TROS	40370S	43278	TROS	340787
43173	TROS	415137 <sup>2B</sup>	43230807.5	TROS	370014A	4324910	STEM	471271	43279D	IH	450065
43173	TROS	418028	43231	C-R	417520	4324917	STEM	4250	43280	TROS	41013S
4317379	STEM	472164V	43231	SKF	417520	4324949	STEM	473274N	432802C91	IH	331227H
4317387	STEM	472164	43231607.5	TROS	418028	432-4964	STEM	4561V	43281D	IH	450260
43174S	TROS	415146 <sup>2B</sup>	43231607.5	TROS	455137 <sup>2B</sup>	43250	TROS	40973S	43282	TROS	41075S
43174S	TROS	415991	43231610	TROS	418028	4325043	STEM	415001	43283	TROS	46997S
43175	TROS	415147	43231610	TROS	455137 <sup>2B</sup>	43251	TROS	40382	4328325	STEM	474230
43175	TROS	415449 <sup>2B</sup>	43232007.5	TROS	415085 <sup>2B</sup>	43251	VIC	5MR1008	43283D	IH	450115
43176	TROS	417343 <sup>2B</sup>	43232007.5	TROS	456648	4325140	STEM	4525V	43283D	IH	473467
43177	TROS	5578	43232010	TROS	415085 <sup>2B</sup>	4325146	STEM	3136N	43284	TROS	43086S
43178	TROS	417171 <sup>2B</sup>	43232010	TROS	456648	43252-01G00	NISSA	223542	432-8426	STEM	2081

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
43285	TROS	45013S	43310	SKF	110X130X12	433602A	LIMA	470898	43463D	IH	200640
4328720	STEM	9864S	43311	C-R	325776	433603A	LIMA	411376 <sup>28</sup>	4346686	ALLCH	450639
4328745	STEM	417158	43311	SKF	325776	433603A	LIMA	455093	43470	C-R	711003
4328B	JN-MN	455330 <sup>28</sup>	43311	TROS	471267 <sup>28</sup>	43364	GARLK	412473 <sup>28</sup>	43470	SKF	711003
43290S	TIMKE	43290S	4331142	ALLCH	470045	43364	GARLK	415894	43473	ALLCH	473205
43291	TROS	45187S	4331142	ALLCH	476838 <sup>28</sup>	43370	C-R		4347933	ALLCH	415001 <sup>28</sup>
4329273	STEM	4563V	4331203	STEM	8976S	110X150X12 <sup>28</sup>			4347933	ALLCH	455001
4329288	STEM	4563V	4331390	STEM	5313	43370	SKF	110X150X12	4348	C-R	11X30X7
43293	TROS	45525S	43313S	TROS	471984	433708	WHITE	416125 <sup>28</sup>	4348	SKF	11X30X7
4329322	STEM	475012N	43317	TROS	415036	4337330	STEM	415983N	4348B	JN-MN	417533
4329384	STEM	417486	43317R	DIA	474278 <sup>28</sup>	43381	GMC	450183	43491-70D01	SUZUK	224200
43294	TROS	45031S	43317R	DIA	480356	43381	GMC	472179	43491-70D01-000	SUZUK	224200
4329471	STEM	712937	43318	TROS	417343 <sup>28</sup>	43382	C-R	710552	4349736	ALLCH	472234
43295	TROS	45825S	4331846	ALLCH	470059	43382	SKF	710552	43499	GARLK	417196 <sup>28</sup>
43296	TROS	45827S	4331846	ALLCH	470380 <sup>28</sup>	4338339	CHRY	2506	4349B	JN-MN	415995 <sup>28</sup>
43297S	TROS	470565 <sup>28</sup>	4331870	STEM	6358	4338553	CHRY	710502	4349B	JN-MN	455013
4329867	STEM	476023N	4331983	ALLCH	417484N	4338655	AMC	8516N	434PKG	TIMKE	434PKG
4329870	STEM	3698	4331983	ALLCH	455322	4338655	JEEP	8516N	434R	TIMKE	434PKG
4329872	STEM	417349	433202A	LIMA	472394	43387	SPICE	710388	43500	VIC	5MR1009
43298S	TROS	417563	433204A	LIMA	470403	43387	VIC	710388	43502S	TROS	6712NA
4329925	STEM	415013N	433204A	LIMA	470774 <sup>28</sup>	4338893	CHRY	710046	4350319	ALLCH	472394
4329961	STEM	710457	43320S	TROS	415192N	4338893	JEEP	710046	43504	SPICE	4525V
432A31207.5	TROS	455336	43322S	TROS	415281N	4338968	CHRY	3946	43509D	IH	471192
432A31607.5	TROS	418028	4332385	STEM	100494	4338B	JN-MN	416738 <sup>28</sup>	4351142	ALLCH	470045
432A31607.5	TROS	455137 <sup>28</sup>	4332385	STEM	416470N	4338B	JN-MN	450096	4351142	ALLCH	476838 <sup>28</sup>
432A31609.5	TROS	415137 <sup>28</sup>	4332395	STEM	476470	43394	GARLK	417354 <sup>28</sup>	4351188	ALLCH	450441
432A31609.5	TROS	418028	4332397	STEM	415304	4339934	STEM	415035	4351188	ALLCH	471341 <sup>28</sup>
432A32007.5	TROS	415085 <sup>28</sup>	4332437	STEM	200870	4339B	JN-MN	450275	4351731	ALLCH	471820
432A32007.5	TROS	456648	43324S	TROS	415899N	433PKG	TIMKE	433PKG	435 2327	ROVER	231004
432A32407.5	TROS	417191	43324S	TROS	416624N	433R	TIMKE	433PKG	4352445	STEM	417262
432A32407.5	TROS	455165 <sup>28</sup>	4332502	STEM	415137	434	CARVR	470163	4353	TIMKE	4353
432A33207.5	TROS	415991	43327	C-R		434	CARVR	471766 <sup>28</sup>	43535POSA	TRSCM	7354N
432A33207.5	TROS	455146 <sup>28</sup>	110X135X13 <sup>28</sup>			43401	TROS	8460N	4353790	STEM	3292
432B31606.5	TROS	370018A	43327	SKF	110X135X13	4340655	ALLCH	471570 <sup>28</sup>	4353982	ALLCH	472287 <sup>28</sup>
432PKG	TIMKE	432PKG	433294	STUDE	240356	434084	ALLCH	471570 <sup>28</sup>	43543A	HYST	323138 <sup>28</sup>
432R	TIMKE	432PKG	43331	TROS	472924 <sup>28</sup>	4340B	JN-MN	450301	4355	C-R	6863S
433	CARVR	470163	4333699	STEM	3292	4340B	JN-MN	472397 <sup>28</sup>	4355	SKF	6863S
433	CARVR	471766 <sup>28</sup>	4333699	STEM	415164N	4341209	ALLCH	416011	435534	ALLCH	470027
4330007	STEM	100495	4333N	TIMKE	4333N	4341209	ALLCH	417621 <sup>28</sup>	435534	ALLCH	471554 <sup>28</sup>
433001	LIMA	451583 <sup>28</sup>	43340	C-R		4341550	STEM	9128S	43554SA	TRSCM	416380
433003	LIMA	480821 <sup>28</sup>	110X140X12 <sup>28</sup>			4341925	ALLCH	240385	4355645	ALLCH	472394
4330033	STEM	455086	43340	C-R		434241	WHITE	471689 <sup>28</sup>	4355646	ALLCH	450519
4330055	STEM	415086N	110X140X13 <sup>28</sup>			43430-60810	SUZUK	4904	4355646	ALLCH	471271 <sup>28</sup>
4330087	STEM	415088	43340	SKF	110X140X12	43430-60810-000	SUZUK	4904	4355648	ALLCH	471271 <sup>28</sup>
4330098	STEM	455088V	43340	SKF	110X140X13	43431-50G00	SUZUK	710394	4356591	ALLCH	240119
4330145	STEM	100263	43340	TROS	340469	43431-50G00-000	SUZUK	710394	43568	GARLK	416047
4330148	STEM	710008	433407A	LIMA	472299	43431-50G10	SUZUK	710394	43568	GARLK	416332 <sup>28</sup>
4330153	STEM	100263	43341	C-R	110X140X12	43431-50G10-000	SUZUK	710394	4356B	JN-MN	416271 <sup>28,29</sup>
4330186	ALLCH	450067	43341	SKF	110X140X12	43431-60B20	SUZUK	4904	435798	ALLCH	415023
4330186	ALLCH	473228	43341	TROS	45653S	43431-60G00	SUZUK	710459	43580	GARLK	415937 <sup>28</sup>
43303	C-R	325776	43343S	TROS	417316 <sup>28</sup>	43431-60G00-000	SUZUK	710459	435805	WHITE	450065
43303	SKF	325776	4334868	STEM	416624	43442D	IH	40071S	43592-52D00	SUZUK	225010
43304	TROS	471750 <sup>28</sup>	4334889	STEM	415991	4344631	SPICE	415437 <sup>28</sup>	43592-52D00-000	SUZUK	225010
43306	C-R	325776	4334891	STEM	415991	4344631	SPICE	455173	43592-65D00	SUZUK	710522
43306	SKF	325776	4335083	STEM	415027N	4344663	ALLCH	473448	43592-65D00-000	SUZUK	710522
43308D	IH	472287 <sup>28</sup>	4335255	ALLCH	415938	43451	GMC	470712 <sup>28</sup>	43592-67D00	SUZUK	710522
43309	TROS	471391 <sup>28</sup>	43356	GMC	6703S	4345207	ALLCH	417344 <sup>28</sup>	43592-82Z10	SUZUK	710479
4330B	JN-MN	470219	43359D	IH	416738 <sup>28</sup>	4345207	ALLCH	455006	43592-82Z20	SUZUK	710869
4330B	JN-MN	471649 <sup>28</sup>	43359D	IH	450096	43460	GARLK	416624 <sup>28</sup>	43592-82Z20-000	SUZUK	710869
43310	C-R	110X130X12	433602A	LIMA	450867	4346231	ALLCH	415938	4359V	TIMKE	4359V

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
435PKG	TIMKE	435PKG	43716927	ALLCH	473214 <sup>2B</sup>	43767	C-R	5723	4399T2	WHITE	415988
435R	TIMKE	435PKG	43721	GARLK	417211 <sup>2B</sup>	43767	SKF	5723	439PKG	TIMKE	439PKG
436-0028	STEM	415072	43722D	IH	415001 <sup>2B</sup>	4376B	JN-MN	471652 <sup>29</sup>	439R	TIMKE	439PKG
43601	GARLK	417355 <sup>2B</sup>	43722D	IH	455001	43771	C-R	416149	43G	OSHKO	455008
4360255	ALLCH	450043	4373014	ALLCH	455583N <sup>2B</sup>	43771	SKF	416149	43X65X8SC	TRSCM	43X65X8
4360255	ALLCH	473419	43733	GARLK	416345 <sup>2B</sup>	4378510	ALLCH	455583N <sup>2B</sup>	43X65X8TC	TRSCM	43X65X8
4360256	ALLCH	470062	437359	ALLCH	417354 <sup>2B</sup>	4379747	ALLCH	471649 <sup>2B</sup>	44000	C-R	710885
4360256	ALLCH	474264	43745	GARLK	415697 <sup>2B</sup>	4379960	ALLCH	415001 <sup>2B</sup>	44000	SKF	710885
4360B	JN-MN	415088 <sup>2B</sup>	4374B	JN-MN	451143	4379960	ALLCH	455001	440001	WAYNE	471554 <sup>2B</sup>
4360B	JN-MN	455088	43751	C-R	415047 <sup>29</sup>	4379B	JN-MN	472354 <sup>2B</sup>	44001	TROS	474277
4360LPD	JN-MN	415088	43751	SKF	415047	4379B	JN-MN	50395S	44001	VIC	471195 <sup>2B</sup>
4360LUP	JN-MN	415088	43752	C-R	370037A <sup>31</sup>	437PKG	TIMKE	437PKG	44001	VIC	481195
43613	GARLK	416125 <sup>2B</sup>	43752	C-R	370338A <sup>16</sup>	437R	TIMKE	437PKG	440012	WAYNE	471730
4361B	JN-MN	450076	43752	SKF	370037A	43800D	IH	470120	44002	TROS	470004 <sup>2B</sup>
4361B	JN-MN	470334 <sup>2B</sup>	43752	SKF	370338A	43800D	IH	471224 <sup>2B</sup>	44004	TROS	471530
4362642	ALLCH	455583N <sup>2B</sup>	43753	C-R	370037A <sup>31</sup>	43800DA	IH	470120	44005	TROS	471281 <sup>2B</sup>
43630819.25	TROS	5751	43753	C-R	370338A <sup>16</sup>	43800DA	IH	471224 <sup>2B</sup>	44006	TROS	471532
43644	RENAU	224045	43753	SKF	370037A	438031	WHITE	471103 <sup>2B</sup>	44007	VIC	470712 <sup>2B</sup>
4364411	ALLCH	450431	43753	SKF	370338A	438031	WHITE	50197S	44008	TROS	471466 <sup>2B</sup>
4364411	ALLCH	471539 <sup>2B</sup>	43754	C-R	370037A	4380B	JN-MN	415303 <sup>2B</sup>	44008	VIC	330385 <sup>2B</sup>
436449-R91	IH	370023A	43754	C-R	370048A	43820	C-R	415060 <sup>29</sup>	44009S	TROS	471466 <sup>2B</sup>
436449R91	NAVST	370023A	43754	C-R	370182A	43820	SKF	415060	44011	VIC	330385 <sup>2B</sup>
436449R91	NAVST	380023A	43754	C-R	370338A	43820	WHITE	415025	44013	TROS	471472 <sup>2B</sup>
43646	GARLK	416041	43754	C-R	380048A	43838	GEHL	470088	440131	TIMKE	440131
43650	C-R	415425 <sup>29</sup>	43754	SKF	370037A	43839	GEHL	471192	44014	TROS	471535 <sup>2B</sup>
43650	SKF	415425	43754	SKF	370048A	4384188	CHRYS	719316	44018	TROS	471549 <sup>2B</sup>
436508XX	TIMKE	43X65X8	43754	SKF	370182A	4384188	JEEP	719316	44018	VIC	224045
4365282	ALLCH	470219	43754	SKF	370338A	4384188	MOPAR	719316	44020	TROS	471551 <sup>2B</sup>
4365282	ALLCH	471649 <sup>2B</sup>	43754	SKF	380048A	438454-R92	IH	370001A	44021	TROS	471558
43660D	IH	472287 <sup>2B</sup>	4375625	ALLCH	455583N <sup>2B</sup>	438454R92	NAVST	370001A	44022	TROS	471255 <sup>2B</sup>
43667	GARLK	417205 <sup>2B</sup>	4376	AT SU	40652S	438454R92	NAVST	380001A	44023	TROS	450025
4367238	ALLCH	470596	43761	C-R	370048A	43860	C-R	370019A	44023	TROS	471553 <sup>2B</sup>
4367592	ALLCH	450301	43761	C-R	370173A	43860	SKF	370019A	44025	TROS	470027
4367592	ALLCH	472397 <sup>2B</sup>	43761	C-R	370182A	43861	C-R	370019A	44025	TROS	471554 <sup>2B</sup>
43675925	ALLCH	450301	43761	C-R	380036A	43861	SKF	370019A	440265	TIMKE	440265
43675925	ALLCH	472397 <sup>2B</sup>	43761	C-R	380048A	43865	C-R	370019A	44026S	TROS	470027
43682	GARLK	416339	43761	SKF	370048A	43865	C-R	370034A	44026S	TROS	471554 <sup>2B</sup>
4368323	ALLCH	471472 <sup>2B</sup>	43761	SKF	370173A	43865	SKF	370019A	44027	TROS	471567 <sup>2B</sup>
4368324	ALLCH	413246	43761	SKF	370182A	43865	SKF	370034A	44027	VIC	471737
4368324	ALLCH	413246N	43761	SKF	380036A	4386879	ALLCH	471649 <sup>2B</sup>	44028S	TROS	471567 <sup>2B</sup>
4368578	ALLCH	470347	43761	SKF	380048A	43875	C-R	370034A	44029	TROS	450030
4368578	ALLCH	474254 <sup>2B</sup>	43762	C-R	370048A	43875	C-R	370124A	44029	TROS	474253
4368B	JN-MN	415082	43762	C-R	370182A	43875	SKF	370034A	4403	FULLE	450183
4369005	ALLCH	472951	43762	C-R	380048A	43875	SKF	370124A	4403	FULLE	472179
4369005	ALLCH	474252	43762	SKF	370048A	438PKG	TIMKE	438PKG	44030	TROS	473414
43691	C-R	416380 <sup>2B,29</sup>	43762	SKF	370182A	438R	TIMKE	438PKG	44030	VIC	472258 <sup>2B</sup>
43691	SKF	416380	43762	SKF	380048A	4390	C-R	474277 <sup>29</sup>	44030809	TROS	416297
4369324	ALLCH	413246	43763	C-R	370048A	4390	SKF	474277	44030809.75	TROS	370046A
4369324	ALLCH	413246N	43763	C-R	370182A	4391019	ALLCH	471472 <sup>2B</sup>	44031	TROS	471570 <sup>2B</sup>
436D5	WHITE	470059	43763	C-R	380048A	43950	KELSE	203025	44031207	TROS	6358
436D5	WHITE	470380 <sup>2B</sup>	43763	GARLK	417366 <sup>2B</sup>	4395B	JN-MN	415150 <sup>2B</sup>	44031608	TROS	417353 <sup>2B</sup>
436PKG	TIMKE	436PKG	43763	SKF	370048A	43964D	IH	475003N	44032	SPERY	204013
436R	TIMKE	436PKG	43763	SKF	370182A	4397500	TAYLR	410308 <sup>2B</sup>	440324C1	IH	411143N
4370359	ALLCH	417354 <sup>2B</sup>	43763	SKF	380048A	4397500	TAYLR	473468	440324C2	IH	411143N
4370419	ALLCH	471763	43764	C-R	370048A	4397623	CHRYS	5650	44033	TROS	474273
4370N	TIMKE	4370N	43764	C-R	370182A	4397712	CHRYS	5414	44033009	TROS	2055
43714	C-R	416147	43764	C-R	380048A	4397B	JN-MN	417196 <sup>2B</sup>	44033210	TROS	417196 <sup>2B</sup>
43714	SKF	416147	43764	SKF	370048A	43995	VIC	5M466	44034	VIC	472299
4371692	ALLCH	470169	43764	SKF	370182A	4399B	JN-MN	450069	44034010	TROS	416047
4371692	ALLCH	473214 <sup>2B</sup>	43764	SKF	380048A	4399B	JN-MN	473232	44034010	TROS	416332 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
44035	GARLK	417356 <sup>28</sup>	44073	VIC	470898	44106	TROS	410987 <sup>28</sup>	44145	TROS	450147
44035	TROS	473415	44074	TROS	481864	44106	TROS	450103	44146	TROS	473463
44036	TROS	471137	44075	GARLK	416130 <sup>28</sup>	44107	TROS	450104	44147	TROS	40769S
44038	TROS	450039	44075	TROS	450073	44108	TROS	414045 <sup>28</sup>	44148	TROS	471750 <sup>28</sup>
44039	TROS	450040	44076	TROS	470074	4410B	JN-MN	471571 <sup>29</sup>	44148	VIC	5872S
44040S	TROS	450040	44076	TROS	474265	44110	TROS	473471	44149	TROS	472560N <sup>28</sup>
44041	TROS	450593 <sup>28</sup>	44076	VIC	224045	4411035	WOOL	417604	44149	TROS	50151S
44043	TROS	470045	44078	TROS	450076	44112	TROS	473441	44150	TROS	473205
44043	TROS	476838 <sup>28</sup>	44078	TROS	470334 <sup>28</sup>	441130	TIMKE	441130	44151	TROS	472287 <sup>28</sup>
44044	VIC	472492 <sup>28</sup>	44078	VIC	224045	441130S	WMG	441130	441515C1	IH	472635
44045	TROS	473426	44079	TROS	470077	44114	TROS	450111	44152	TROS	450154
44045S	TROS	473215 <sup>28</sup>	44079	TROS	474281 <sup>28</sup>	44116	TROS	450115	44152	TROS	473234
44046	TROS	450048	44080	TROS	450078	44116	TROS	473467	44152	VIC	450117
44047	TROS	471750 <sup>28</sup>	44080	TROS	473444	44117	TROS	473450	44152	VIC	472572 <sup>28</sup>
44048	TROS	470050	44082	TROS	473446	44118	TROS	450117	44153	TROS	473447
44049	TROS	473427	44083	TROS	50081	44118	TROS	472572 <sup>28</sup>	44154	TROS	350156
44050	TROS	471354 <sup>28</sup>	440.830	ELRNG	227409	44119	TROS	450118	44154	TROS	473096
44051	TROS	473213 <sup>28</sup>	44084	TROS	450082	44119	TROS	473449	44155	TROS	471760
44052	TIMKE	44052	44084	TROS	473238	4411B	JN-MN	471231 <sup>28</sup>	44156S	TROS	471760
44052	TROS	450054	44085	TROS	450083	44120	TROS	471442 <sup>28</sup>	44157	TROS	471762 <sup>28</sup>
44053	TIMKE	44053	44085	TROS	472924 <sup>28</sup>	44121S	TROS	471442 <sup>28</sup>	44158	TROS	450159
44053	TROS	473215 <sup>28</sup>	44085	VIC	1012N	44122	TROS	470120	44158	VIC	471787 <sup>28</sup>
44054	TROS	471354 <sup>28</sup>	44086	TROS	450084 <sup>28</sup>	44122	TROS	471224 <sup>28</sup>	44159	TROS	471763
44054	VIC	472164 <sup>28</sup>	44087	VIC	473238 <sup>28</sup>	44123	TROS	450121	44159S	WHITE	412473 <sup>28</sup>
44054S	TROS	473215 <sup>28</sup>	44087S	TROS	450084 <sup>28</sup>	44123	TROS	472409 <sup>28</sup>	44159S	WHITE	415894
44055	GARLK	417357	44088	TROS	450085	44124	TROS	473437	4415B	JN-MN	415379 <sup>28</sup>
4-4055	IPS	473823	44088	TROS	470530 <sup>28</sup>	44124	VIC	226020	4415B	JN-MN	455379
44056	TROS	473225 <sup>28</sup>	440883R91	IH	471267 <sup>28</sup>	44124	VIC	60X80X8 <sup>28</sup>	44160	TROS	450161
44057	TROS	473438	44089	TROS	470086	4412475	CHRY	331228H	44160	TROS	471764 <sup>28</sup>
44057	VIC	471192	4408B	JN-MN	451583 <sup>28,29</sup>	4412475	MOPAR	331228H	44161	TROS	471765 <sup>28</sup>
44058	TROS	470059	44090	TROS	473313	4412522	CHRY	3459	44162	TROS	470163
44058	TROS	470380 <sup>28</sup>	44091S	TROS	470088	4412522AB	CHRY	3459	44162	TROS	471766 <sup>28</sup>
44059	TROS	470059	44092	TROS	450089	4412522AC	CHRY	3459	44163S	TROS	470163
44059	TROS	470380 <sup>28</sup>	44092	VIC	224040	4412522AC	MOPAR	3459	44163S	TROS	471766 <sup>28</sup>
44059S	TROS	470059	44092	VIC	40X60X10 <sup>28</sup>	441260C91	IH	370150A	44164	TROS	473424 <sup>28</sup>
44059S	TROS	470380 <sup>28</sup>				441260C91	IH	417158 <sup>28</sup>	44165	TROS	471801 <sup>28</sup>
44061	TROS	470950 <sup>28</sup>	44093	TROS	450090	441260C91	IH	455355	44166	TROS	473212 <sup>28</sup>
44061	TROS	6241S	44094	VIC	8160S	44127	TROS	471735	44168	TROS	470169
44062	TROS	470062	44095	TROS	473458	4412836	CHRY	8609	44168	TROS	473214
44062	TROS	474264	44097	TROS	450094	44128S	TROS	472826 <sup>28</sup>	4416B	JN-MN	470606 <sup>28</sup>
44063	TROS	471820	44097	TROS	473462	44129	TROS	412920 <sup>28</sup>	44170	TROS	473016 <sup>28</sup>
44064	TROS	470064	440972	TIMKE	440972	44129	TROS	450132	44171	TROS	473016 <sup>28</sup>
44064	TROS	471821 <sup>28</sup>	44098	TROS	450095	441298R91	IH	471267 <sup>28</sup>	44171S	TROS	473016 <sup>28</sup>
44065	TROS	450065	44098	TROS	473464 <sup>28</sup>	4412990	CHRY	3946	44173	TROS	450177
44066	TROS	450066	44099	TROS	416738 <sup>28</sup>	44130	TROS	450133	44174	VIC	223005
44066	TROS	473367 <sup>28</sup>	44099	TROS	450096	44131	TROS	471192	44174	VIC	30X40X7 <sup>28</sup>
44067S	TROS	450066	4409B	JN-MN	471765 <sup>28</sup>	441319	TIMKE	441319	44174S	TROS	415146 <sup>28</sup>
44067S	TROS	473367 <sup>28</sup>	440PKG	TIMKE	440PKG	44132S	TROS	471192	44174S	TROS	415991
44068S	TROS	450067	440R	TIMKE	440PKG	44133	TROS	470548	44175	TROS	473421
44068S	TROS	473228	440RC	SUL	415035 <sup>28</sup>	44133	TROS	470625 <sup>28</sup>	44176	TROS	471747 <sup>28</sup>
44069	TROS	450068	440RC	SUL	455035	44134S	TROS	470548	44176	TROS	472674
4406B	JN-MN	415196 <sup>28,29</sup>	44100	TROS	413469 <sup>28</sup>	44134S	TROS	470625 <sup>28</sup>	44177	TROS	450183
44070	TROS	450069	44101	TROS	412943	44135	TROS	471529	44177	TROS	472179
44070	TROS	473232	44102	TROS	411253 <sup>28</sup>	44136	TROS	471869	44178S	TROS	450183
44071	VIC	472164 <sup>28</sup>	44102	TROS	450099	44136	TROS	473459	44178S	TROS	472179
44071S	TROS	450069	44102	VIC	472492 <sup>28</sup>	44137S	TROS	471869	44179	TROS	471571
44071S	TROS	473232	44103	TROS	410694 <sup>28</sup>	44137S	TROS	473459	441790	WHITE	472015 <sup>28</sup>
44072	TROS	450070	44104	TROS	412119 <sup>28</sup>	44138	TROS	472234	44180	TROS	450185
44072	TROS	472185 <sup>28</sup>	44104	TROS	450101	44142	TROS	473226	44180	TROS	473229
44073	TROS	472439	44105	TROS	410102	44143	TROS	473460	44181	TROS	473236 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
44182	TROS	453165	44229S	TROS	471689 <sup>28</sup>	44279	TROS	472397 <sup>28</sup>	44318	TROS	470351
44182	TROS	471619 <sup>28</sup>	44230	TROS	471705 <sup>28</sup>	44280	TROS	472012	44318	TROS	471504 <sup>28</sup>
44183	TROS	450188	44231	TROS	471705 <sup>28</sup>	44281	TROS	472015 <sup>28</sup>	44319S	TROS	470351
44184	TROS	470189	44231	VIC	471224 <sup>28</sup>	44282S	TROS	472015 <sup>28</sup>	44319S	TROS	471504 <sup>28</sup>
44184	TROS	471692 <sup>28</sup>	44232	TROS	471733	44283	TROS	473457 <sup>28</sup>	44320	C-R	417526
44185	TROS	410190	44234	TROS	470712 <sup>28</sup>	44285	TROS	473461 <sup>28</sup>	44320	SKF	417526
441853	TIMKE	441853	44235S	TROS	470712 <sup>28</sup>	44286	TROS	450307	44320	TROS	450352
44187	TROS	473473	44236	TROS	471744 <sup>28</sup>	442862	WHITE	450472 <sup>28</sup>	44320	TROS	472164 <sup>28</sup>
44189	TROS	450194	442369	WHITE	340385	44287	TROS	410308 <sup>28</sup>	44321S	TROS	450352
44189	TROS	473010	44237	TROS	450342	44287	TROS	450308	44321S	TROS	472164 <sup>28</sup>
4418LA	JN-MN	470950 <sup>28</sup>	44237	VIC	1209	442874	TIMKE	442874	44322	TROS	470354
4418LA	JN-MN	6241S	44238	TROS	471785 <sup>28</sup>	44288	TROS	471391 <sup>28</sup>	44323	TROS	471538 <sup>28</sup>
44190S	TROS	450194	442380	TIMKE	442380	44289	TROS	473242	44324	TROS	474278 <sup>28</sup>
44190S	TROS	473010	44239	TROS	471787 <sup>28</sup>	4428B	JN-MN	471820 <sup>29</sup>	44324	TROS	480356
44192	TROS	471103 <sup>28</sup>	4423B	JN-MN	470163	4429	CLIN	350567	44325	TROS	470358
44192	TROS	50197S	4423B	JN-MN	471766 <sup>28</sup>	4429	CLIN	471267 <sup>28</sup>	44325	TROS	473231
44193S	TROS	471103 <sup>28</sup>	44240	TROS	471795	44290	TROS	450311	44326S	TROS	470358
44193S	TROS	50197S	4424059	CHRYS	223801 <sup>28</sup>	44291	TROS	410312N	44326S	TROS	473231
44195	TROS	6863S <sup>28</sup>	44241	TROS	473211 <sup>28</sup>	44293	TROS	473245 <sup>28</sup>	44327	TROS	473448
44196S	TROS	6863S <sup>28</sup>	44242	TROS	473211 <sup>28</sup>	4429353	CHRYS	39803	44328	TROS	471870 <sup>28</sup>
44197	TROS	320457	44243	TROS	473436	44294	TROS	450316	44328	TROS	471883
441989	WHITE	330385 <sup>28</sup>	44247	TROS	450260	44294	TROS	472636 <sup>28</sup>	44329	TROS	450361
44199	TROS	472705 <sup>28</sup>	44248	TROS	470682	4429410	CHRYS	39805	44329	TROS	472193 <sup>28</sup>
441PKG	TIMKE	441PKG	44249S	TROS	470682	44295	C-R	417525	44330	TROS	450362
441R	TIMKE	441PKG	44250	TROS	451469	44295	SKF	417525	44331	TROS	350364
441SZ70	MACK	5M466	442507	TIMKE	442507	44295	TROS	411394 <sup>28</sup>	44335	TROS	411500
44200S	TROS	472705 <sup>28</sup>	44251	WAUKE	471801 <sup>28</sup>	44295	TROS	450317	44336	GMC	470120
44201	TROS	481443 <sup>28</sup>	44252	TROS	473235 <sup>28</sup>	44297	GARLK	416891 <sup>28</sup>	44336	GMC	471224 <sup>28</sup>
44202S	TROS	481443 <sup>28</sup>	44253	TROS	50266	44297	TROS	481163 <sup>28</sup>	44336	TROS	471652
44203	TROS	471231 <sup>28</sup>	44254	TROS	473451 <sup>28</sup>	44298	TROS	473475	44337	TROS	474276 <sup>28</sup>
44204	TROS	471579	44255	GARLK	416556 <sup>28</sup>	44299	TROS	412040	44338	TROS	330385 <sup>28</sup>
44205	VIC	471192	44255	GARLK	472157	442PKG	TIMKE	442PKG	44339	TROS	450389
44206	VIC	70X90X10 <sup>28</sup>	44255	TROS	450269	442R	TIMKE	442PKG	44339	TROS	472492 <sup>28</sup>
44207	TROS	451583 <sup>28</sup>	44255	VIC	450269	44300	TROS	472029	44340	TROS	473407
44208S	TROS	451583 <sup>28</sup>	44256	TROS	471866 <sup>28</sup>	44301	TROS	413478	44341	TROS	473227
442096	WHITE	450025	44258	TROS	471868	443018	TIMKE	443018	44342S	TROS	473227
442096	WHITE	471553 <sup>28</sup>	44259	TROS	450273	44302	ALLCH	470045	44344	TROS	450400
44210	TROS	480210 <sup>28</sup>	44263	TROS	450279	44302	ALLCH	476838 <sup>28</sup>	44345	TROS	352541
442109	TIMKE	442109	44266	TROS	473179 <sup>28</sup>	44303	SPICE	370018A	44346	TROS	470403
44212	TROS	481644	44267	TROS	450285	44303	TROS	450326	44346	TROS	470774 <sup>28</sup>
44213	TROS	471645	442671C1	IH	415027 <sup>28</sup>	44304	TROS	50327	44347S	TROS	470403
44214	TROS	473414	442671C1	IH	455027	44305	TROS	470328	44347S	TROS	470774 <sup>28</sup>
44215	TROS	471646 <sup>28</sup>	44268	TROS	474274	44305	TROS	481213 <sup>28</sup>	44349	TROS	50405
44216	TROS	471648	44269	C-R	7354N	44306	TROS	412871 <sup>28</sup>	443508	WHITE	473203
44217	TROS	470219	44269	C-R	7354V	44306	TROS	450329	44351	TROS	470409 <sup>28</sup>
44217	TROS	471649 <sup>28</sup>	44269	SKF	7354N	44307	TROS	470605 <sup>28</sup>	44352	TROS	471424 <sup>28</sup>
442177	GMC	6270	44269	SKF	7354V	44308	TROS	450332	44353	TROS	450412
44218	TROS	481650	44271	TROS	470334 <sup>28</sup>	44309	TROS	470334 <sup>28</sup>	44354	TROS	353132
44219	TROS	471651	44271	TROS	50289	44310	TROS	474255	44355	TROS	450415
44220	TROS	471684 <sup>28</sup>	44272	TROS	450291	44311	TROS	450339	44356	TROS	473442 <sup>28</sup>
44220	TROS	471698	44272	TROS	471141 <sup>28</sup>	443126C1	IH	2218	44358	TROS	450765 <sup>28</sup>
44222	TROS	471686	44273	TROS	473453	44313	TROS	450341	44360	TROS	471730
44224	TROS	470590	44275	C-R	457295 <sup>29</sup>	44314	TROS	450343	44362	TROS	450430
442251	TIMKE	442251	44275	SKF	457295	44316	TROS	470347	44363	TROS	450431
44226	TROS	472951	44275	TROS	472144 <sup>28</sup>	44316	TROS	474254	44363	TROS	471539 <sup>28</sup>
44226	TROS	474252	44276	TROS	450298	44317	TROS	413247 <sup>28</sup>	44364	TROS	471138 <sup>28</sup>
44227	TROS	471688	44276	TROS	473239	44317	TROS	450350	44366	TROS	350435
442270	NATL	442109	44277	TROS	472394	443174	WHITE	416892 <sup>28</sup>	44367	TROS	450441
44228	TROS	471689 <sup>28</sup>	44278S	TROS	472394	44317C	DIA	470548	44367	TROS	471341 <sup>28</sup>
			44279	TROS	450301	44317C	DIA	470625 <sup>28</sup>	44368S	TROS	450441

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
44368S	TROS	471341 <sup>28</sup>	44428	TROS	50528	44471	HYST	473367	44502	TROS	450819
44369	TROS	450444	44429	TROS	450984	44471	TROS	471276	44503	HYST	472164 <sup>28</sup>
44369	TROS	471835 <sup>28</sup>	44430	TROS	470530 <sup>28</sup>	44472	HYST	416282	44504	HYST	455509
44370S	TROS	450444	44432	TROS	450533	44472	TROS	472475	44504S	TROS	450867
44370S	TROS	471835 <sup>28</sup>	44432408	TROS	455249 <sup>28</sup>	44473	TROS	450639	44504S	TROS	470898
44371	TROS	50445	44433	TROS	450535	44475	HYST	471413 <sup>28</sup>	44505	DANA	710413
44372	TROS	450446	44433	TROS	471264 <sup>28</sup>	44475	TROS	470645	44505	HYST	6270
44374	TROS	471270 <sup>28</sup>	44434	TROS	450536	44476	TROS	481073	44505	SPICE	710413
44375	TROS	480630 <sup>28</sup>	44434	TROS	471535 <sup>28</sup>	44477	HYST	473232 <sup>28</sup>	44505	TROS	473203
44376	TROS	472658	44436	TROS	414268 <sup>28</sup>	44478	HYST	455079 <sup>28</sup>	44506	DANA	710414
44376	TROS	473197	44436	TROS	450539	44479	HYST	416664 <sup>28</sup>	44506	SPICE	710414
44377	TROS	473224 <sup>28</sup>	44438	TROS	471689 <sup>28</sup>	4447A	HERCU	450069	44506	TROS	450869
44378	TROS	450456 <sup>28</sup>	44439	TROS	470543	4447A	HERCU	473232	44507	HYST	40555
44379	TROS	450457	44439	TROS	474272	44480	HYST	450066	44507	HYST	40555S <sup>28</sup>
44380	TROS	473440 <sup>28</sup>	44440	TROS	450545	44480	HYST	473367 <sup>28</sup>	44508	HYST	365008
443814	WHITE	471192	444409C1	IH	43290S	44480S	TROS	472020	44509	HYST	45827S
44382	TROS	450463	44441	TROS	470548	444.81	ELRNG	710580	44510	HYST	450400
44383	TROS	450467	44441	TROS	470625 <sup>28</sup>	44481	HYST	450085	44511	TROS	413479
44384	TROS	50468	44442	TROS	472150	44481	HYST	470530 <sup>28</sup>	44512	HYST	415147
44385	TROS	481537	44443	TROS	470565 <sup>28</sup>	44481	TROS	471737	44512	HYST	415449 <sup>28</sup>
44386	TROS	472810 <sup>28</sup>	44444	TROS	471224 <sup>28</sup>	44482	HYST	472179	44513	HYST	415013
44387S	TROS	472810 <sup>28</sup>	444456	HYST	351487	44482	TROS	410737 <sup>28</sup>	44513	HYST	415995 <sup>28</sup>
44388	TROS	450472 <sup>28</sup>	44445S	TROS	471224 <sup>28</sup>	44483	HYST	240736	44513	TROS	473237 <sup>28</sup>
44389	TROS	450474	44446	TROS	471808 <sup>28</sup>	44484	HYST	416154 <sup>28</sup>	44514	HYST	473475
44390	TROS	471344	44448	TROS	471267 <sup>28</sup>	44485S	TROS	472018	44514-46100	MITSU	1955
44393	TROS	473445	44449S	TROS	471267 <sup>28</sup>	44486	HYST	411253 <sup>28</sup>	44515	HYST	451948
44394	TROS	323138 <sup>28</sup>	44450	HYST	415294 <sup>28</sup>	44486	TROS	471984	44515S	TROS	471736
44395	TROS	471818	44450	HYST	455294	44487	HYST	415146 <sup>28</sup>	44517	HYST	240735
44396	GMC	471442 <sup>28</sup>	44450	TROS	412027	44487	HYST	415991	44517S	TROS	471646 <sup>28</sup>
44396	TROS	450482	44451	TROS	413246N	44487	TROS	473240 <sup>28</sup>	44518	HYST	470764 <sup>28</sup>
44398	TROS	411330N	44452	HYST	473460	44489	HYST	415867	44519S	TROS	471564
443PKG	TIMKE	443PKG	44453	HYST	417562	44489	TROS	410737 <sup>28</sup>	4451B	JN-MN	415281N
443R	TIMKE	443PKG	44454	HYST	417474	44489	TROS	450737	44520	HYST	470565 <sup>28</sup>
44401	TROS	480491	44454	TROS	450588	44490	HYST	415023	44521	HYST	416404 <sup>28</sup>
444020	KEN	415027 <sup>28</sup>	44455	GARLK	416888 <sup>28</sup>	44490	TROS	471862	44521	TROS	410987 <sup>28</sup>
444020	KEN	455027	44456	HYST	351487	44491	HYST	410519	44522	HYST	415551
44403	TROS	450494	44457	HYST	417254	44491	HYST	471271 <sup>28</sup>	44522	TROS	473474
44403	TROS	472164 <sup>28</sup>	44457	TROS	470596	44491	TROS	470764 <sup>28</sup>	44523	HYST	472150
44404	TROS	410496 <sup>28</sup>	44458	HYST	473242	44492	HYST	450083	44523S	TROS	480630 <sup>28</sup>
444042	TIMKE	444042	44459	HYST	417205 <sup>28</sup>	44492	HYST	472924 <sup>28</sup>	44523S	TROS	480991
44407	TROS	474260	44459	TROS	450604	44493	TROS	471633 <sup>28</sup>	44524	TROS	472432
44409	TROS	472843	4445B	JN-MN	415995 <sup>28</sup>	44494	TROS	471195 <sup>28</sup>	44524	TROS	474256
44410S	TROS	472843	4445B	JN-MN	455013	44494	TROS	481195	44525	HYST	415072
444116	TIMKE	444116	44460	HYST	416666	44495	HYST	472144 <sup>28</sup>	44526	HYST	416865 <sup>28</sup>
44412	TROS	470506 <sup>28</sup>	44460S	TROS	450604	44496	HYST	450867	44526	TROS	472185 <sup>28</sup>
44415	TROS	450516	44461	HYST	417254	44496	HYST	470898	44527	HYST	417601
44417	TROS	450519	44461	TROS	470390	44496	TROS	480889	44528	HYST	415482
44417	TROS	471271 <sup>28</sup>	4446143	FORD	240733	44497	HYST	470163	44529	HYST	472397 <sup>28</sup>
44418	TROS	410520	44463	HYST	50081	44497	HYST	471766 <sup>28</sup>	4452SH	JN-MN	455194 <sup>29</sup>
44418	TROS	471272 <sup>28</sup>	4446411	CHRYSLER	710046	44497	TROS	450803	44530	HYST	415302
44419S	TROS	410520	44465	TROS	450621	44498	GARLK	416892 <sup>28</sup>	44530S	TROS	481443 <sup>28</sup>
44419S	TROS	471272 <sup>28</sup>	44466	TROS	470625 <sup>28</sup>	44498	HYST	450519	44531	HYST	240733
44420	TROS	473423	44467S	TROS	413248	44498	HYST	471271 <sup>28</sup>	445319C1	IH	710447
44421S	TROS	473423	44468	HYST	415146 <sup>28</sup>	44498S	TROS	470806	44532	HYST	240731
44422	TROS	472258 <sup>28</sup>	44468	HYST	415991	44499	HYST	473435	44533	HERCU	240119
44423S	TROS	472258 <sup>28</sup>	44468	TROS	473420	444PKG	TIMKE	444PKG	44533	HYST	240119
44424	TROS	450523	44469	HYST	416229	444R	TIMKE	444PKG	44533	TROS	481792
44425	TROS	410524	4446A	HERCU	472394	44500	HYST	40520S	44534	HYST	473413
44426	TROS	471887	44470	HYST	416404 <sup>28</sup>	44501	HYST	417181 <sup>28</sup>	44534S	TROS	471571
44427S	TROS	474276 <sup>28</sup>	44471	HYST	471419	44501	TROS	473380	44535	HYST	416271 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
44535S	TROS	451078 <sup>2B</sup>	44563	HYST	415960	446GC235	MACK	5645	4485691	AMC	8549S
44536	HYST	416775	44563	HYST	455009	446GC238	MACK	2297V <sup>2B</sup>	44859	SIMRT	370025A
44537	HYST	471413 <sup>2B</sup>	44563S	TROS	323138 <sup>2B</sup>	446GC264	MACK	55563	4485B	JN-MN	415234 <sup>2B,29</sup>
44537	MINNM	415449 <sup>2B</sup>	44564S	TROS	470565 <sup>2B</sup>	446GC310	MACK	39807	4486	GRAY	450095
44537	MINNM	455147	44565	HYST	416077	446GC310 P11	MACK	39807	4486	GRAY	473464 <sup>2B</sup>
44537	OLIVE	415449 <sup>2B</sup>	44566	HYST	470625 <sup>2B</sup>	446GC317	MACK	39920	44861	SIMRT	370003A
44537	OLIVE	455147	44566	TROS	470120	446GCX169	MACK	470120	4486111	CHRYSS	710501
44538	HYST	6270	44566	TROS	471224 <sup>2B</sup>	446GCX169	MACK	471224 <sup>2B</sup>	4486140	AMC	313842
44538S	TROS	472213	44567	HYST	450352	446PKG	TIMKE	446PKG	4486141	AMC	474131
44539	HYST	5401	44567	HYST	472164 <sup>2B</sup>	446R	TIMKE	446PKG	448644C91	IH	370131A
44540	HYST	411330N	44567S	TROS	450911N <sup>2B</sup>	447008XX	TIMKE	44X70X8	448644C91	NAVST	380131A
44540	TROS	481568 <sup>2B</sup>	44568	HYST	470565 <sup>2B</sup>	44701	WAUKE	471267 <sup>2B</sup>	4486709	CHRYSS	223005
44542	HYST	200851	44568S	TROS	471652	447060	TIMKE	447060	4487B	JN-MN	417210 <sup>2B</sup>
44542	TROS	482253	44568S	TROS	482208 <sup>2B</sup>	4470B	JN-MN	415058	44880	C-R	114X140X13
44544S	TROS	473243	44569	HYST	416107 <sup>2B</sup>	44711	VIC	474260	44880	SKF	114X140X13
445450	IH	473463	44569	HYST	455073	44716	AMC	450115	4488330	AMC	480821 <sup>2B</sup>
44546	HYST	411330N	44569S	TROS	472560N <sup>2B</sup>	44716	AMC	473467 <sup>2B</sup>	44895	DANA	4434V
44546	TROS	451948	44569S	TROS	50151S	4472B	JN-MN	417298	44895	SPICE	4434V
44547	HYST	417507 <sup>2B</sup>	4456B	JN-MN	470328	4473B	JN-MN	417606 <sup>29</sup>	448A32809	TROS	455858
44547	HYST	455513	4456B	JN-MN	481213 <sup>2B</sup>	4474B	JN-MN	416154 <sup>2B,29</sup>	448PKG	TIMKE	448PKG
44547	TROS	450489	4456D5	WHITE	470565 <sup>2B</sup>	447551C91	IH	370036A	448R	TIMKE	448PKG
44547	TROS	473244	44570	HYST	416666	447551C91	IH	370349A	44913	C-R	327303
44548	HYST	415027 <sup>2B</sup>	44570S	TROS	450291	447551C91	NAVST	380036A	44913	SKF	327303
44548	HYST	455027	44570S	TROS	471141 <sup>2B</sup>	447559C91	IH	370007A	44916	C-R	370066A
44548	TROS	474253	44571S	TROS	471354 <sup>2B</sup>	447560C91	IH	370008A	44916	C-R	370124A
44549S	TROS	471570 <sup>2B</sup>	44575TA	TRSCM	417525	447561C91	IH	370001A	44916	SKF	370066A
4454E	GOODM	416107 <sup>2B</sup>	4457B	JN-MN	471750 <sup>2B</sup>	447561C91	NAVST	380001A	44916	SKF	370124A
4454E	GOODM	455073	44587	TROS	323138 <sup>2B</sup>	447565C91	IH	370033A	4491713	TEREL	415379 <sup>2B</sup>
44551S	TROS	481073	44589	AMC	471141 <sup>2B</sup>	447566C91	IH	370023A	4491713	TEREL	455379
44552	HYST	411253 <sup>2B</sup>	4458B	JN-MN	470712 <sup>2B</sup>	447566C91	NAVST	380023A	44919	C-R	370124A
44552S	TROS	451143	4458V	TIMKE	4458V	4475B	JN-MN	418028	44919	SKF	370124A
44553	HYST	415725 <sup>2B</sup>	4459B	JN-MN	470358	4475B	JN-MN	455137 <sup>2B</sup>	4491B	JN-MN	417601
44553S	TROS	473405	4459B	JN-MN	473231	4476B	JN-MN	456105	44920	C-R	417530
44554	HYST	471633 <sup>2B</sup>	445PKG	TIMKE	445PKG	44774	AMC	450085	44920	SKF	417530
44554S	TROS	471570 <sup>2B</sup>	445R	TIMKE	445PKG	44774	AMC	470530 <sup>2B</sup>	44922	C-R	370124A
44555	HYST	350974 <sup>2B</sup>	446007XX	TIMKE	44X60X7	4477B	JN-MN	455018	44922	SKF	370124A
44555	TROS	450067	4460B	JN-MN	473474	4477B	JN-MN	476470	44924	C-R	370124A
44555	TROS	473228	446133	STUDE	473473	44793	GMC	471705 <sup>2B</sup>	44924	C-R	370178A
44556	AMC	471869	446208XX	TIMKE	44X62X8	447PKG	TIMKE	447PKG	44924	SKF	370124A
44556	AMC	473459	44622	DRMAN	010PKG	447R	TIMKE	447PKG	44924	SKF	370178A
44556	HYST	7105S	44624	DRMAN	110PKG	4482	ALOY	2081	449425M1	MASSE	JV933
44556S	TROS	473466	44625	GARLK	415138 <sup>2B</sup>	4482	ALOY	416921 <sup>2B</sup>	44959	C-R	416888 <sup>2B</sup>
44557	HYST	415009	44626	GRAY	450076	448236C1	IH	710022	44959	SKF	416888
44557	HYST	415960 <sup>2B</sup>	44626	GRAY	470334 <sup>2B</sup>	44830810	TROS	416024	4496	ALOY	8792S
44557S	TROS	410308 <sup>2B</sup>	4463B	JN-MN	415025	44833210	TROS	415437	44960	C-R	416888 <sup>2B</sup>
44557S	TROS	450308	4463LPD	JN-MN	415025	44834010	TROS	415937 <sup>2B</sup>	44960	SKF	416888
44558	HYST	200752	4463LUP	JN-MN	415025 <sup>29</sup>	4483456	CHRYSS	5106	44963	C-R	370178A
44558	TROS	450365	44645	GARLK	417247 <sup>2B</sup>	44834807.75	TROS	415379 <sup>2B</sup>	44963	SKF	370178A
44558	TROS	470898	446479C1	IH	2218	44834807.75	TROS	455379	44964	C-R	370178A
44559	HYST	410737 <sup>2B</sup>	4464B	JN-MN	417485	44834807.75C	TROS	2218	44964	SKF	370178A
44559	HYST	450737	446508C1	IH	3894V	44834808	TROS	415379 <sup>2B</sup>	44966	C-R	370178A
44559	TROS	472354 <sup>2B</sup>	4465B	JN-MN	450183	44834808	TROS	455379	44966	SKF	370178A
44559	TROS	50395S	4465B	JN-MN	472179	44834810	TROS	415379 <sup>2B</sup>	44967	C-R	416888 <sup>2B,29</sup>
44560	HYST	417298	4465LUP	JN-MN	472179	44834810	TROS	455379	44967	C-R	455200
44560	TROS	471267 <sup>2B</sup>	446927	TIMKE	446927	44834814	TROS	415379	44967	SKF	416888
44561	HYST	417501	446GC1115	MACK	55563	44835610	TROS	417210 <sup>2B</sup>	44967	SKF	455200
44561S	TROS	471270 <sup>2B</sup>	446GC132	MACK	471267 <sup>2B</sup>	44847	SIMRT	370001A	44968	C-R	416888 <sup>2B</sup>
44562	HYST	470543	446GC181	MACK	100494	4485	ALOY	8974S	44968	SKF	416888
44562	HYST	474272	446GC181	MACK	416470N	44851	SIMRT	370065A	4496B	JN-MN	415036
44562S	TROS	480630 <sup>2B</sup>	446GC218	MACK	39807	448543	FORD	3393	44975	WAYNE	471730

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4498	ALOY	8835S	450062	NATL	474264	45013	TROS	455013	45021	TROS	476470
4499	ALOY	8460N	450063	NATL	471820	450132	TIMKE	450132	450211	NATL	470211
4499B	JN-MN	470565 <sup>28,29</sup>	450064	NATL	470064	450133	TIMKE	450133	450215	NATL	471646
449PKG	TIMKE	449PKG	450064	NATL	471821	450136	NATL	470548	450219	NATL	470219
449R	TIMKE	449PKG	450065	TIMKE	450065	450136	NATL	470625 <sup>28,29</sup>	45022	TROS	455019 <sup>28</sup>
44G	OSHKO	415960 <sup>28</sup>	450066	NATL	470066	450137	NATL	471529	450222	NATL	471684 <sup>28</sup>
44G	OSHKO	455009	450066	TIMKE	450066	450138	NATL	471869	450222	NATL	471698
44X62X8	TIMKE	44X62X8	450067	TIMKE	450067	450138	NATL	473459	450226	NATL	470590
44X62X8SC	TRSCM	44X62X8 <sup>28</sup>	450068	TIMKE	450068	450139	NATL	472234	450230	CABOT	455356
44X62X8TC	TRSCM	44X62X8 <sup>28</sup>	450069	TIMKE	450069	45013S	TIMKE	45013S	450230	NATL	470230
4500	GOODM	416154 <sup>28</sup>	45007	TROS	417344 <sup>28</sup>	45014	TROS	416654 <sup>28</sup>	450232	NATL	471705 <sup>28</sup>
45000	TROS	417073	45007	TROS	455006	45014	TROS	455012	450233	NATL	471733
450005	NATL	470005	450070	TIMKE	450070	450140	NATL	471413 <sup>28</sup>	450236	NATL	470236
450005	TIMKE	450005	450071	NATL	472439	4501424	ALLCH	416888 <sup>28</sup>	450237	WMG	471744 <sup>28</sup>
450007	NATL	471281 <sup>28</sup>	450073	TIMKE	450073	4501424	ALLCH	455200	45024	TROS	415021
450008	NATL	471532	450076	TIMKE	450076	450143	TIMKE	450143	450245	NATL	470245
45001	TROS	415001 <sup>28</sup>	450077	NATL	470077	450144	NATL	473226	450247	NATL	473211 <sup>28</sup>
45001	TROS	455001	450077	NATL	474281 <sup>28</sup>	450145	NATL	473460	450248	NATL	473436
450014	NATL	471472	450078	TIMKE	450078	4501458	ALLCH	471765 <sup>28</sup>	45025	C-R	416888 <sup>28,29</sup>
450018	NATL	471264	450082	TIMKE	450082	4501459	ALLCH	473426	45025	SKF	416888
450019	NATL	471549 <sup>28</sup>	450083	TIMKE	450083	4501464	ALLCH	471466 <sup>28</sup>	45025	TROS	455022
45002	TROS	415988	450084	TIMKE	450084	450147	TIMKE	450147	450258	NATL	482253
450021	NATL	471551 <sup>28</sup>	450085	TIMKE	450085	45015	TROS	415995 <sup>28</sup>	45026	TROS	415023
450025	TIMKE	450025	450088	NATL	470088	45015	TROS	455013	450260	TIMKE	450260
450027	NATL	470027	450089	TIMKE	450089	450152	NATL	473205 <sup>28</sup>	450262	NATL	470682
45003	TROS	475003N	45008S	TROS	417344 <sup>28</sup>	450154	TIMKE	450154	450265	NATL	473235 <sup>28</sup>
450030	TIMKE	450030	45008S	TROS	455006	450155	NATL	473447	450267	NATL	472070
4500305	ALLCH	416888 <sup>28</sup>	45009	TROS	415007	450158	NATL	471762 <sup>28</sup>	450269	TIMKE	450269
4500305	ALLCH	455200	450090	TIMKE	450090	450159	TIMKE	450159	45027	TROS	455024
4500307	ALLCH	472439	450092	NATL	473458	450160	NATL	471763	450273	TIMKE	450273
4500309	ALLCH	471442 <sup>28</sup>	450094	TIMKE	450094	450161	TIMKE	450161	450274	TIMKE	450274
450034	NATL	470034	450094N	TIMKE	450094N	450162	NATL	470162	450275	TIMKE	450275
450037	NATL	471137	450095	TIMKE	450095	450163	NATL	470163	450279	TIMKE	450279
450038	TIMKE	450038	450096	TIMKE	450096	450169	NATL	470169	45028	TROS	415025
450039	NATL	450039	450097	NATL	413469 <sup>28</sup>	4501690659AM	CHALL	370020A	450280	TIMKE	450280
450039	TIMKE	450039	450098	NATL	412943	45016S	TROS	415995 <sup>28</sup>	450285	TIMKE	450285
45004	NATL	46997S	450099	TIMKE	450099	45016S	TROS	455013	450286	NATL	473443
45004	TROS	46997S	45010	C-R	370022A	45017	TROS	417487	45029	TROS	455026
450040	TIMKE	450040	45010	C-R	370178A	45017	TROS	455014	450291	TIMKE	450291
450041	NATL	470041	45010	C-R	380022A	450171	NATL	473016 <sup>28</sup>	450295	NATL	472144 <sup>28</sup>
450043	TIMKE	450043	45010	SKF	370022A	450173	TIMKE	450173	450298	TIMKE	450298
450044	TIMKE	450044	45010	SKF	370178A	450177	TIMKE	450177	45030	GARLK	415725 <sup>28</sup>
450045	NATL	470045	45010	SKF	380022A	45018	TROS	450115	450300	NATL	472394
450047	NATL	473426	45010	TROS	455008	45018	TROS	473467	450301	TIMKE	450301
450048	TIMKE	450048	450100	NATL	410694 <sup>28</sup>	450182	NATL	471747 <sup>28</sup>	450302	NATL	472012
450049	NATL	470049	450101	TIMKE	450101	450182	NATL	472674	450303	TIMKE	472015
45005	TROS	417316 <sup>28</sup>	450102	NATL	410102	450183	TIMKE	450183	450306	NATL	473461 <sup>28</sup>
45005	TROS	455004	450103	TIMKE	450103	450184	NATL	471571	450307	TIMKE	450307
4500504	ALLCH	416888 <sup>28</sup>	450104	TIMKE	450104	450185	TIMKE	450185	450308	TIMKE	450308
4500504	ALLCH	455200	450111	TIMKE	450111	450186	NATL	473236 <sup>28</sup>	450309	NATL	471391 <sup>28</sup>
450051	NATL	473427	450115	TIMKE	450115	450187	NATL	453165	450311	TIMKE	450311
450052	NATL	471354 <sup>28</sup>	450117	TIMKE	450117	450187	NATL	471619 <sup>28</sup>	450312	GR-DV	417191
450054	TIMKE	450054	450118	NATL	473449 <sup>28</sup>	450188	TIMKE	450188	450312	GR-DV	455165 <sup>28</sup>
450055	NATL	473215 <sup>28</sup>	450118	TIMKE	450118	450189	NATL	470189	450312N	NATL	410312N
450055N	NATL	470055N	45011D	IH	450083	45019	TROS	416288 <sup>28</sup>	450313	TIMKE	450313
450057	NATL	473225 <sup>28</sup>	45011D	IH	472924 <sup>28</sup>	450194	TIMKE	450194	450314	CABOT	417492
45006	TROS	455005	45012	TROS	417485	45020	TROS	456105	450314	FAIRB	55419
450061	NATL	470950 <sup>28</sup>	45 01 201	SAAB	710237	450202	NATL	472705 <sup>28</sup>	450315	NATL	473245 <sup>28</sup>
450061	NATL	6241S	450121	TIMKE	450121	450208	NATL	451583 <sup>28</sup>	450316	GOODM	415991
450062	NATL	470062	45013	TROS	415995 <sup>28</sup>	45021	TROS	455018	450316	GOODM	455146 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
450316	MINMA	415991	450415	TIMKE	450415	450536	TIMKE	450536	45074	TROS	455070
450316	MINMA	455146 <sup>28</sup>	45041S	TROS	415035 <sup>28</sup>	450539	TIMKE	450539	450746	NATL	471862
450316	TIMKE	450316	45041S	TROS	455035	45054	TROS	415047	45075	TROS	417546 <sup>28</sup>
450316G	CLARK	415991	45042	TROS	415036	450540	TIMKE	450540	45076	TROS	415072
450316G	CLARK	455146 <sup>28</sup>	450430	TIMKE	450430	450541	NATL	471689	450765	TIMKE	450765
450317	TIMKE	450317	450431	TIMKE	450431	450543	NATL	470543	45077	TROS	416107 <sup>28</sup>
45031K	ALLCH	417181 <sup>28</sup>	450433	NATL	471138 <sup>28</sup>	450543	NATL	474272 <sup>28</sup>	45077	TROS	455073
45031S	TIMKE	45031S	450438	NATL	472299	450545	TIMKE	450545	450776	TIMKE	450776
45032	C-R	416153 <sup>28,29</sup>	45043S	TROS	415036	4505469	CHRY	3946	45078S	TROS	416107 <sup>28</sup>
45032	SKF	416153	45044	TROS	455037	450549	NATL	471744 <sup>28</sup>	45078S	TROS	455073
450320	NATL	473475	450441	TIMKE	450441	45055	TROS	417525	45079	TROS	415074
450322	NATL	412040	450444	TIMKE	450444	450552	NATL	470565 <sup>28</sup>	45080	GARLK	416865 <sup>28</sup>
450326	TIMKE	450326	450446	TIMKE	450446	450553	NATL	470553	45080	TROS	416476 <sup>28</sup>
450329	TIMKE	450329	450449	NATL	471270 <sup>28</sup>	45056	TROS	416892 <sup>28</sup>	45080	TROS	455075
45032S	TROS	415027 <sup>28</sup>	45045	TROS	417512	45057	TROS	417533	450803	TIMKE	450803
45032S	TROS	455027	450451	NATL	470451	450571	NATL	412027	450806	NATL	470806
45033	TROS	55028	450452	TIMKE	450452	450574	NATL	413246	450808	NATL	470808
450332	TIMKE	450332	450453	NATL	473224 <sup>28</sup>	450574	NATL	413246N	45081	TROS	415076
450335	TIMKE	450335	450455	NATL	472319	450574N	WMG	480574H	450819	TIMKE	450819
450336	NATL	470336	450456	NATL	323125	45058	TROS	415371	45082	TROS	415077
450339	TIMKE	450339	450456	TIMKE	450456	450588	TIMKE	450588	45083	TROS	55078S
45034	TROS	416125 <sup>28</sup>	450457	TIMKE	450457	45059	TROS	415138 <sup>28</sup>	45084	TROS	455079 <sup>28</sup>
450340	NATL	450340	45046	TROS	417513	450593	TIMKE	450593	45085	TROS	455080
450340	TIMKE	450340	450461	TIMKE	450461	45060	TROS	417223	45086	TROS	415082
450341	TIMKE	450341	450463	TIMKE	450463	4506005	CHRY	710241	450867	TIMKE	450867
450342	TIMKE	450342	450467	TIMKE	450467	4506005	MOPAR	710241	450867	WMG	450867
450343	TIMKE	450343	45047	TROS	416891 <sup>28</sup>	4506005AB	CHRY	710241	450868	NATL	473203
45035	TROS	55030	450472	NATL	7751H	450604	NATL	450604	450869	TIMKE	450869
450350	TIMKE	450350	450472	TIMKE	450472	450604	TIMKE	450604	45087	TROS	416239 <sup>28</sup>
450351	NATL	470351	4504729	ALLCH	415147	45061	AMC	450078	4508700	CALI	417486
450352	TIMKE	450352	4504729	ALLCH	415449 <sup>28</sup>	45061	AMC	473444	45088	TROS	415085 <sup>28</sup>
450354	NATL	470354	450474	TIMKE	450474	45061	TROS	455056	45088	TROS	456648
450359	NATL	473448	450479	NATL	473445	45062	TROS	417516	45089	TROS	417487
45036	TROS	416339	450479	WMG	472810 <sup>28</sup>	450621	TIMKE	450621	45089	TROS	455086
45036	TROS	455031 <sup>28</sup>	45048	TROS	415041	45063	TROS	415058	450895	NATL	470895
450360	NATL	471870 <sup>28</sup>	450482	TIMKE	450482	450639	TIMKE	450639	450911N	TIMKE	450911N
450360	NATL	471883	450487	NATL	470487 <sup>28</sup>	45064	TROS	417238	45092	TROS	415090
450361	TIMKE	450361	450487	NATL	470487N	450645	NATL	470645	450929	NATL	473237 <sup>28</sup>
450362	TIMKE	450362	450489	TIMKE	450489	45065	TROS	415060	45093	C-R	370021A
450365	TIMKE	450365	45049	TROS	415138 <sup>28</sup>	450666	TIMKE	450666	45093	C-R	370022A
45037	TROS	471570 <sup>28</sup>	450492	TIMKE	450492	45067	TROS	415351 <sup>28</sup>	45093	C-R	370131A
450373	NATL	451948	4504939	ALLCH	450365	4506725	ALLCH	472439	45093	C-R	380009A
450374	NATL	411500	4504939	ALLCH	470898 <sup>28</sup>	45068	TROS	457585	45093	C-R	380022A
45038	GOODM	418028	450494	TIMKE	450494	450680	WMG	471570 <sup>28</sup>	45093	C-R	380131A
45038	GOODM	455137 <sup>28</sup>	45050	TROS	415043	450686	TIMKE	450686	45093	SKF	370021A
45038	TROS	416345 <sup>28</sup>	450503	NATL	470503	45069	C-R	416892 <sup>28</sup>	45093	SKF	370022A
45038	TROS	455033	4505098	CHRY	8609	45069	SKF	416892	45093	SKF	370131A
450381	NATL	471652	45051	TROS	417514	45069	TROS	417536	45093	SKF	380009A
4503830	ALLCH	416888 <sup>28</sup>	450516	TIMKE	450516	450693	TIMKE	450693	45093	SKF	380022A
4503830	ALLCH	455200	450519	TIMKE	450519	45070	C-R	416892 <sup>28</sup>	45093	SKF	380131A
450389	TIMKE	450389	45051S	TROS	415035 <sup>28</sup>	45070	SKF	416892	45093	TROS	416167 <sup>28</sup>
45039	TROS	415034 <sup>28</sup>	45051S	TROS	455035	45070	TROS	415066	45093	TROS	455091
45039	TROS	455034	45052	TROS	415045 <sup>28</sup>	45071	TROS	456890	45094	TROS	417596
45 03 983	SAAB	714436	450520	NATL	410520	450719	NATL	471984	45095	C-R	370022A
4503N	TIMKE	4503N	450520	NATL	471272 <sup>28</sup>	45072	TROS	417269 <sup>28</sup>	45095	C-R	370124A
45040	TROS	415035 <sup>28</sup>	450522	NATL	472258 <sup>28</sup>	45073	TROS	417273	45095	C-R	370131A
45040	TROS	455035	450523	TIMKE	450523	450737	TIMKE	450737	45095	C-R	380022A
450400	TIMKE	450400	45053	TROS	417520	450737N	NATL	470737N	45095	C-R	380069A
450403	NATL	470403	450533	TIMKE	450533	45073D	IH	417344 <sup>28</sup>	45095	C-R	380131A
450412	TIMKE	450412	450535	TIMKE	450535	45074	TROS	416865 <sup>28</sup>	45095	SKF	370022A

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
45095	SKF	370124A	45104	TROS	415645 <sup>28</sup>	45133	TROS	455136	45160	C-R	370021A
45095	SKF	370131A	45104	TROS	455104	45134	TROS	418028	45160	C-R	370192A
45095	SKF	380022A	45104D	IH	415960	45134	TROS	455137 <sup>28</sup>	45160	SKF	370021A
45095	SKF	380069A	45104D	IH	455009	45134D	IH	415147	45160	SKF	370192A
45095	SKF	380131A	45105	C-R	370022A	45134D	IH	415449 <sup>28</sup>	45160	TROS	417181 <sup>28</sup>
45096	TROS	411376 <sup>28</sup>	45105	C-R	370131A	45135S	TROS	418028	45161	TROS	417491
45096	TROS	455093	45105	C-R	380022A	45135S	TROS	455137 <sup>28</sup>	45162	C-R	370006A
450965	TIMKE	450965	45105	C-R	380131A	45136	TROS	417554 <sup>28</sup>	45162	C-R	370192A
45096S	TROS	411376 <sup>28</sup>	45105	SKF	370022A	4513621	ALLCH	472439	45162	SKF	370006A
45096S	TROS	455093	45105	SKF	370131A	45136215	ALLCH	472439	45162	SKF	370192A
45097	C-R	370022A	45105	SKF	380022A	45138	TROS	415142	45162	TROS	412473 <sup>28</sup>
45097	C-R	380022A	45105	SKF	380131A	45139	TROS	455144	45162	TROS	415894
45097	SKF	370022A	45105	TROS	415938	45140	C-R	416070	45163	TROS	417191
45097	SKF	380022A	45106S	TROS	415938	45140	SKF	416070	45163	TROS	455165 <sup>28</sup>
45097	TROS	416444	451078	TIMKE	451078	45140	TROS	417172	45164	TROS	417492
45098	C-R	370022A	45108	C-R	370022A	45141	TROS	415991	45165	TROS	417354 <sup>28</sup>
45098	C-R	380022A	45108	C-R	370086A	45141	TROS	455146 <sup>28</sup>	45166	TROS	417493
45098	SKF	370022A	45108	C-R	380022A	451424	ALLCH	416888 <sup>28</sup>	451662	NATL	471649 <sup>28</sup>
45098	SKF	380022A	45108	SKF	370022A	451424	ALLCH	455200	45167	TROS	417196 <sup>28</sup>
45098	TROS	416271 <sup>28</sup>	45108	SKF	370086A	45142S	TROS	415991	45168	TROS	415711
450984	TIMKE	450984	45108	SKF	380022A	45142S	TROS	455146 <sup>28</sup>	45169	TROS	416047
450988	NATL	473474	45108	TROS	416666	45143	TROS	415449 <sup>28</sup>	45169	TROS	416332 <sup>28</sup>
45099	C-R	370022A	451082	TIMKE	451082	45143	TROS	455147	45170	TROS	415437 <sup>28</sup>
45099	C-R	380022A	45109	TROS	457874	451446	WHITE	6545	45170	TROS	455173
45099	SKF	370022A	45110	C-R	416154 <sup>28</sup>	45144S	TROS	415449 <sup>28</sup>	451709	NATL	471413
45099	SKF	380022A	45110	SKF	416154	45144S	TROS	455147	45171	TROS	417497
45099D	IH	450593 <sup>28</sup>	45110	TROS	417562	45145	TROS	417366 <sup>28</sup>	45172	TROS	415937 <sup>28</sup>
45099S	TROS	416271 <sup>28</sup>	451100	NATL	471652	451456	NATL	472475	45173	TROS	417501
450PKG	TIMKE	450PKG	4511035	WOOL	417158 <sup>28</sup>	451458	ALLCH	471765 <sup>28</sup>	45174	TROS	415379 <sup>28</sup>
450R	TIMKE	450PKG	4511035	WOOL	455355	451459	ALLCH	473426	45174	TROS	455379
450TA840	OSHKO	100495	45111	C-R	416154 <sup>28</sup>	45146	TROS	417343 <sup>28</sup>	45176	TROS	417210 <sup>28</sup>
450TA840	OSHKO	476023N	45111	SKF	416154	451464	ALLCH	471466 <sup>28</sup>	45177	TROS	417498
4510	ALOY	7934S	45111	TROS	417563	451469	TIMKE	451469	45178	TROS	417355 <sup>28</sup>
45100	C-R	370022A	45112	TROS	416229	45147	TROS	415150 <sup>28</sup>	4517LA	JN-MN	472439 <sup>29</sup>
45100	C-R	370131A	45113	TROS	417298	45148	TROS	455151	45180	TROS	417205 <sup>28</sup>
45100	C-R	380022A	45114	TROS	455310	45149	TROS	417134	451817	TIMKE	451817
45100	C-R	380131A	451143	TIMKE	451143	4515	ALOY	7537S	45182	TROS	417211 <sup>28</sup>
45100	SKF	370022A	451147H	TIMKE	451147H	4515	JOHND	410101N	45183	TROS	455186
45100	SKF	370131A	45115	TROS	455584	45150	C-R	415351 <sup>28</sup>	45184	TROS	415187
45100	SKF	380022A	45116	TROS	416077	45150	SKF	415351	451845	TIMKE	451845
45100	SKF	380131A	451162N	NATL	482041N	45150	TROS	417486	45185	TROS	417356 <sup>28</sup>
45100	TROS	411245 <sup>28</sup>	45117	TROS	415116	45151	TROS	417351 <sup>28</sup>	45185	TROS	455188
45100	TROS	455096	45118	TROS	455117	45151	TROS	455154	451857	TIMKE	451857
45100D	IH	480210 <sup>28</sup>	451182	TIMKE	451182	45152	C-R	370021A	45186	TROS	455191
4510113	JOY	7700S <sup>28</sup>	45119	TROS	415551	45152	C-R	370086A	45187S	TIMKE	45187S
4510141	JOY	415003	45120	TROS	417598	45152	SKF	370021A	45189	TROS	455194
4510141	JOY	415458 <sup>28</sup>	45121	TROS	455406 <sup>28</sup>	45152	SKF	370086A	4518H	MALL	40140S
45101S	TROS	411245 <sup>28</sup>	45122	TROS	455121	45153	TROS	416011	45190	TROS	455195
45101S	TROS	455096	45123	TROS	417602 <sup>28</sup>	45153	TROS	417621 <sup>28</sup>	45190	TROS	472157 <sup>28</sup>
45102	C-R	370131A	45124	TROS	455123	45155	TROS	416292	45191	TROS	415196 <sup>28</sup>
45102	C-R	380131A	45125	TROS	415124	45157	C-R	370011A	45192	TROS	455197N
45102	SKF	370131A	4512559	ALLCH	455200N	45157	C-R	370021A	45193	TROS	415196 <sup>28</sup>
45102	SKF	380131A	45126	TROS	417022	45157	SKF	370011A	451948	TIMKE	451948
45102	TROS	415302	45127	TROS	417604	45157	SKF	370021A	45195	TROS	416888 <sup>28</sup>
451024	NATL	471653	45128	TROS	417567	45157S	TROS	417488 <sup>28</sup>	45195	TROS	455200
45103	C-R	370131A	45129	TROS	415128	45158	C-R	370021A	45196	TROS	417509
45103	C-R	380131A	45130	GARLK	417278	45158	SKF	370021A	45197	TROS	455203
45103	SKF	370131A	45130	TROS	455129	45158	TROS	417171 <sup>28</sup>	45199	TROS	416137
45103	SKF	380131A	45131	TROS	417474	451583	TIMKE	451583	4519LA	JN-MN	416888 <sup>28</sup>
45103	TROS	416282	45132	TROS	455134 <sup>28</sup>	45159	TROS	417490	4519LA	JN-MN	455200

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4519LUP	JN-MN	416888 <sup>2B</sup>	45247	TROS	415263	45302	TROS	415991	45350	TROS	417551
4519LUP	JN-MN	455200	45248	TROS	415867	45302	TROS	455146 <sup>2B</sup>	45352	TROS	55419
451PKG	TIMKE	451PKG	45249	TROS	416865 <sup>2B</sup>	45302-21700	HYUND	320583	45355	NEWPR	710684
451R	TIMKE	451PKG	45250	C-R	115X150X12	45304	TROS	417494	45355	TROS	455434
4520	DURA	330385 <sup>2B</sup>	45250	SKF	115X150X12	453065	TIMKE	453065	45356	NEWPR	710694
45201	TROS	416149	45252	C-R		45307	ALLCH	472439	45357	TROS	415437
45202	TROS	417526	115X150X12 <sup>2B</sup>			45308	TROS	417159	45359	TROS	415442 <sup>2B</sup>
45203	TROS	416154 <sup>2B</sup>	45252	SKF	115X150X12	45309	ALLCH	471442 <sup>2B</sup>	45361	TROS	415447
45205	TROS	416158	45254	TROS	417605	45309	TROS	415349	45362	TROS	417597
45206	TROS	417535	45255	TROS	415725 <sup>2B</sup>	45310	GARLK	417262 <sup>2B</sup>	45363	TROS	455576 <sup>2B</sup>
45207	TROS	417247 <sup>2B</sup>	452554	NATL	452554N	45310	TROS	415350	45364	TROS	455462
45208	TROS	416163	452554N	TIMKE	452554N	45311	TROS	55353	45366	TROS	55469
452086	TIMKE	452086	45256	TROS	416706 <sup>2B</sup>	45312	TROS	416404 <sup>2B</sup>	45367	TROS	455471
45209	TROS	417539 <sup>2B</sup>	45256	TROS	455272	4531216	CHRY	7300S	45369	TROS	417518
45210	C-R	710258	45257	TROS	417254	4531216AB	CHRY	7300S	45371	TROS	455476
45210	SKF	710258	4525V	TIMKE	4525V	4531216AB	MOPAR	7300S	45372	TROS	417350 <sup>2B</sup>
45210	TROS	417267	45261	TROS	455280	4531225	CHRY	331227H	45372	TROS	455479
45212	TROS	415219	45262	TROS	415281N	4531225	MOPAR	331227H	45373	TROS	455480 <sup>2B</sup>
45213	TROS	415871	45263	TROS	416364 <sup>2B</sup>	45313	TROS	416404 <sup>2B</sup>	45374S	TROS	455480 <sup>2B</sup>
452164N	NATL	472164V	45263	VIC	5458	45314S	TROS	416404 <sup>2B</sup>	45375	TROS	417543
452164N	NATL	482164N	45264	TROS	416865 <sup>2B</sup>	45315	TROS	455356	45376	TROS	415482
45218	TROS	417020	45265	TROS	417602 <sup>2B</sup>	453165	TIMKE	453165	45378S	TROS	415937 <sup>2B</sup>
45219	TROS	415227 <sup>2B</sup>	45266	TROS	455290	453166	NATL	350974 <sup>2B</sup>	45379	TROS	417555 <sup>2B</sup>
45220	C-R	115X140X12	45268	TROS	417584	45317	TROS	55357	45381	TROS	417548
45220	SKF	115X140X12	45269	TROS	415294 <sup>2B</sup>	453182	TIMKE	453182	45382S	TROS	417548
45220S	TROS	5487	45269	TROS	455294	45319	TROS	456865N	45383	TROS	415498
45221	TROS	415482	45270S	TROS	415294 <sup>2B</sup>	45319-38000	HYUND	710259	453830	ALLCH	416888 <sup>2B</sup>
45222	TROS	416153 <sup>2B</sup>	45270S	TROS	455294	45320	TROS	417362 <sup>2B</sup>	453830	ALLCH	455200
452222	TIMKE	452222	45271	TROS	415295	45321	TROS	415284	45383A	HERCU	45637S
45223	TROS	417538	45272	TROS	417082	45321S	TROS	417362 <sup>2B</sup>	45384S	TROS	415498
45224	TROS	415234 <sup>2B</sup>	45273	TROS	455297	45322	TROS	416664 <sup>2B</sup>	45385	TROS	418029 <sup>2B</sup>
45226	TROS	55238	45274	TROS	417600	45322	TROS	455364	45385	TROS	455499
452261H	TIMKE	452261H	452742	TIMKE	452742	45323S	TROS	416664 <sup>2B</sup>	45386	TROS	455500
452267	NATL	482267	45275	TROS	417601	45323S	TROS	455364	45388	TROS	455583N <sup>2B</sup>
45229	TROS	417481	45276	TROS	55301S	45324	TROS	327303 <sup>2B</sup>	45390	TROS	455509
45230	C-R		45277	TROS	476470	45327	TROS	415483 <sup>2B</sup>	45392	TROS	416130 <sup>2B</sup>
115X145X13 <sup>2B</sup>			45278	TROS	415991	45327	TROS	455368	45393	TROS	417507 <sup>2B</sup>
45230	SKF	115X145X13	45278	TROS	455146 <sup>2B</sup>	453279	TIMKE	453279	45393	TROS	455513
45231	TROS	416919N	45279	TROS	455308	45328S	TROS	415483 <sup>2B</sup>	45394S	TROS	417507 <sup>2B</sup>
45233	C-R		45281	TROS	455310	45328S	TROS	455368	45394S	TROS	455513
115X145X14 <sup>2B</sup>			45282	TROS	455311	45329	TROS	417537	45396	TROS	55524
45233	SKF	115X145X14	45283	TROS	417278	4532N	TIMKE	4532N	4539796	CHRY	4738N
45233	TROS	412861	45285	TROS	415984 <sup>2B</sup>	45331	TROS	417541	4539891	CHRY	4748N
45234	TROS	455249 <sup>2B</sup>	452867R91	IH	40059S	45332	TROS	415284	453996R91	IH	473426
45235	TROS	415303 <sup>2B</sup>	45287	TROS	415317	45333S	TROS	415284	4539H	TIMKE	4359V
45236	TROS	455251H	45288	TROS	417542	45334	TROS	415379 <sup>2B</sup>	4539V	TIMKE	4539V
45237S	TROS	455251H	45289	TROS	417495	45334	TROS	455379	453PKG	TIMKE	453PKG
45238	TROS	455253	4528N	TIMKE	4528N	453341	TIMKE	453341	453R	TIMKE	453PKG
45238	VIC	5414	45290	TROS	455321	45335S	TROS	415379 <sup>2B</sup>	45400	GARLK	415645 <sup>2B</sup>
45239	TROS	415254	45291	TROS	417484N	45335S	TROS	455379	45401	TROS	415697 <sup>2B</sup>
45239	VIC	5414	45291	TROS	455322	45337	TROS	416956	45401	TROS	455547
4524	ALOY	7412S	45292	TROS	417532	45338S	TROS	416956	45402S	TROS	415697 <sup>2B</sup>
45240	TROS	417198	45296	TROS	455330 <sup>2B</sup>	45339	TROS	475384	45402S	TROS	455547
45242	TROS	417252	45297	TROS	417191	45341	TROS	415389	45403	TROS	55548
452424C1	IH	100495	4529N	TIMKE	4529N	45344	TROS	417511	45404	TROS	455556
452424C1	IH	476023N	452PKG	TIMKE	452PKG	45345	TROS	415394	45405	TROS	415559
45243	TROS	415259 <sup>2B</sup>	452R	TIMKE	452PKG	45346	TROS	417549 <sup>2B</sup>	45406	TROS	55563
45244	TROS	455260	4530	TIMKE	4530	45347	TROS	455396	45407	TROS	455566
45244-4C000	HYUND	221207	45300	TROS	455336	4534B	JN-MN	470764 <sup>2B</sup>	45408S	TROS	417506
45244-4C000	KIA	221207	45301	TROS	55337	45350	GARLK	417358	45409S	TROS	455576 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
45410	TROS	415577	45478	TROS	455322	455079	TIMKE	455079	455192	TIMKE	455192
45412	TROS	456618	45478S	TROS	417484N	455080	TIMKE	455080	455194	TIMKE	455194
454136N	TIMKE	454136N	45478S	TROS	455322	455082	NATL	415082	455195	TIMKE	455195
45415	TROS	416070	454PKG	TIMKE	454PKG	455082	WMG	415082	455196	NATL	415196 <sup>28</sup>
45420	TROS	416294 <sup>28</sup>	454R	TIMKE	454PKG	455084	NATL	416239 <sup>28</sup>	455197	TIMKE	455197
45422	TROS	416024	455000	NATL	417073	455086	TIMKE	455086	455197N	TIMKE	455197N
45425	TROS	415371	455001S	TIMKE	455001	455088	TIMKE	455088	455200	NATL	370178A
45429	TROS	455655 <sup>28</sup>	455002	NATL	415988	455088V	TIMKE	455088V	455200	TIMKE	455200
45432	TROS	412473 <sup>28</sup>	455003	TIMKE	455003	455091	TIMKE	455091	455200N	TIMKE	455200N
45432	TROS	415894	455004S	TIMKE	455004	455093	TIMKE	455093	455203	TIMKE	455203
45433	TROS	415683	455005	TIMKE	455005	455094	NATL	416444	455208	CLARK	474278 <sup>28</sup>
45433214	TROS	370001A	455006	TIMKE	455006	455095	NATL	416271 <sup>28</sup>	455208	CLARK	480356
45433214	TROS	380001A	455006N	TIMKE	455006N	455096	TIMKE	455096	45521	HYST	473226
45434	TROS	455685	455007	NATL	415007	455098	NATL	415302	455211	NATL	416158
45437S	TROS	416364 <sup>28</sup>	455008	TIMKE	455008	4550A	DIA	471689 <sup>28</sup>	455213	NATL	417247 <sup>28</sup>
45440	TROS	416071	455009	TIMKE	455009	4550A	HERCU	471689 <sup>28</sup>	455214	CLARK	471570 <sup>28</sup>
45443	TROS	455820	455011	TIMKE	455011	4550B	JN-MN	416011	455234	NATL	415234 <sup>28</sup>
45445	TROS	410825	455012	TIMKE	455012	4550B	JN-MN	417621 <sup>28</sup>	455244	NATL	417481
45448	TROS	417604	455013	TIMKE	455013	455104	TIMKE	455104	455249	NATL	455249
45449	TROS	455858	455014	TIMKE	455014	455105	NATL	415938	455249	TIMKE	455249
45450	GARLK	417359	455015	TIMKE	455015	455106	NATL	417556	455251H	TIMKE	455251H
45450S	TROS	2218	455016	NATL	416288 <sup>28</sup>	455107	NATL	416666	455253	TIMKE	455253
45451	TROS	417550	455017	NATL	456105	455109	NATL	417562	455258R91	IH	41013S
45452S	TROS	475003N	455018	TIMKE	455018	455111	NATL	416229	45525S	TIMKE	45525S
45453	TROS	415960	455019	TIMKE	455019	455117	TIMKE	455117	455260	TIMKE	455260
45453	TROS	455009	455020	TIMKE	455020	455121	TIMKE	455121	455263	NATL	415263
45454	TROS	416921 <sup>28</sup>	455022	TIMKE	455022	455121V	TIMKE	455121V	455271	NATL	415725 <sup>28</sup>
45454	TROS	455011	455024	TIMKE	455024	455123	TIMKE	455123	455272	TIMKE	455272
45455	TROS	411376 <sup>28</sup>	455025	NATL	415025	455129	TIMKE	455129	455280	TIMKE	455280
45455	TROS	455093	455026	TIMKE	455026	455134	TIMKE	455134	455281	NATL	415281N
45456	TROS	415027 <sup>28</sup>	455026C1	IH	340120	455136	TIMKE	455136	455282	NATL	416364 <sup>28</sup>
45456	TROS	455027	455027	TIMKE	455027	455137	NATL	370178A	455290	TIMKE	455290
45457	TROS	417556	455029	NATL	416125 <sup>28</sup>	455137	TIMKE	455137	455294	TIMKE	455294
45458S	TROS	416011	455031	TIMKE	455031	455144	TIMKE	455144	455297	TIMKE	455297
45458S	TROS	417621 <sup>28</sup>	455032	NATL	455032	455145	NATL	417172	455300	NATL	417601
45459	TROS	417488 <sup>28</sup>	455032	TIMKE	455032	455146	TIMKE	455146	455308	TIMKE	455308
45460	TROS	417357	455033	TIMKE	455033	455147	TIMKE	455147	455309	CLARK	450183
45460	TROS	455192 <sup>28</sup>	455034	TIMKE	455034	455150	NATL	415150 <sup>28</sup>	455309	CLARK	472179
45461	TROS	417606	455035	TIMKE	455035	455151	TIMKE	455151	455310	TIMKE	455310
45462	TROS	6985	455035460	WMG	710022	455153	NATL	417486	455311	TIMKE	455311
45465	TROS	6864S	455035N	TIMKE	455035N	455154	TIMKE	455154	455315	NATL	415984 <sup>28</sup>
45466S	TROS	370019A	455036	NATL	415036	455156	NATL	416011	455321	TIMKE	455321
45467	TROS	417570	455037	TIMKE	455037	455156	NATL	417621 <sup>28</sup>	455322	TIMKE	455322
454705C1	IH	711553	45504	ALLCH	416888 <sup>28</sup>	455158	NATL	417488 <sup>28</sup>	455322N	TIMKE	455322N
454706C1	IH	710006	45504	ALLCH	455200	455162	NATL	417181 <sup>28</sup>	455322V	TIMKE	455322V
454706C1	SPICE	710006	455040	NATL	416891 <sup>28</sup>	455165	TIMKE	455165	455328	TIMKE	455328
454707C91	IH	410987 <sup>28</sup>	455041	NATL	415041	455170	NATL	417196 <sup>28</sup>	455330	TIMKE	455330
454707C91	IH	450686	455049	NATL	416892 <sup>28</sup>	455172	NATL	416047	455336	TIMKE	455336
45471	TROS	416102	455053	NATL	415138 <sup>28</sup>	455172	NATL	416332 <sup>28</sup>	455347	NATL	417159
454729	ALLCH	415147	455054	NATL	417223	455172N	NATL	416332 <sup>28</sup>	45534TA	TRSCM	417530
454729	ALLCH	415449 <sup>28</sup>	455056	TIMKE	455056	455173	TIMKE	455173	455354	NATL	416404 <sup>28</sup>
45472S	TROS	416288 <sup>28</sup>	455058	NATL	415058	455177	NATL	415379 <sup>28</sup>	455355	TIMKE	455355
45473S	TROS	416865 <sup>28</sup>	455060	NATL	370019A	455177	NATL	455379	455356	TIMKE	455356
45473S	TROS	455070	455060	TIMKE	415060	455183	NATL	417205 <sup>28</sup>	455364	TIMKE	455364
454755C1	IH	711553	455070	TIMKE	455070	455185	NATL	417211 <sup>28</sup>	455368	TIMKE	455368
454755C1	SPICE	711553	455070N	NATL	456865N	455186	NATL	417967 <sup>28</sup>	455371	NATL	415371
45475S	TROS	455189	455071	NATL	417546 <sup>28</sup>	455186	TIMKE	455186	455377	NATL	417541
45476S	TROS	415196 <sup>28</sup>	455072	NATL	415072	455188	TIMKE	455188	455378	NATL	415284
45477S	TROS	416153 <sup>28</sup>	455073	TIMKE	455073	455189	TIMKE	455189	455379	TIMKE	455379
45478	TROS	417484N	455075	TIMKE	455075	455191	TIMKE	455191	455379V	NATL	3893V

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
455383	NATL	416956	455685	TIMKE	455685	456508XX	TIMKE	45X65X8	457295XX	TIMKE	45X72X95
455396	TIMKE	455396	455807A	HARWA	45X58X7 <sup>28</sup>	45651	SPICE	710455	4573927	CHRYSE	321417N
4553B	JN-MN	473245 <sup>28</sup>	455807XX	TIMKE	45X58X7	45652	SPICE	710453	4573927	JEEP	321417N
455406	TIMKE	455406	455820	TIMKE	455820	45653S	TIMKE	45653S	457507XX	TIMKE	45X75X7
45541-37000	HYUND	710361	455828V	TIMKE	455828V	456557	TIMKE	456557	457585	TIMKE	457585
45541-37001	HYUND	710361	455858	TIMKE	455858	456618	NATL	370023A	4576	DURA	470045
45541-37002	HYUND	710361	455860	TIMKE	455860	456618	TIMKE	456618	4576	DURA	476838 <sup>28</sup>
455434	TIMKE	455434	455867V	TIMKE	455867V	456618	WMG	370023A	457874	TIMKE	457874
455437	NATL	415437	45587	HYST	471354 <sup>28</sup>	456618-S61	IH	370023A	45788	VICK	450545
455437N	NATL	415437	4558B	JN-MN	417600 <sup>29</sup>	456618S61	NAVST	370023A	457997	TIMKE	457997
455446R91	IH	413469 <sup>28</sup>	455948	TIMKE	455948	456618S61	NAVST	380023A	457PKG	TIMKE	457PKG
455447	NATL	415447	455953	NATL	415035 <sup>28</sup>	456641	TIMKE	456641	457R	TIMKE	457PKG
455447R91	IH	470088	455953	NATL	455035	456648	TIMKE	456648	458010XX	TIMKE	45X80X10
455448	TIMKE	455448	455953	WMG	415035 <sup>28</sup>	45667D	IH	471442 <sup>28</sup>	4580562	RCA	471571
455448R91	IH	471795	455953	WMG	415953	45670	DANA	473227V	4580563	RCA	415379 <sup>28</sup>
455449R91	IH	450593 <sup>28</sup>	455956H	TIMKE	455956H	4567047	CHRYSE	4889	4580563	RCA	455379
455450R91	IH	473463	455958S	TIMKE	455958	456744N	TIMKE	456744N	4580566	RCA	470548
455451R91	IH	471466 <sup>28</sup>	455963H	NATL	2218	4567809	CHRYSE	4889	4580566	RCA	470625 <sup>28</sup>
455452R91	IH	481443 <sup>28</sup>	455966	TIMKE	455966	4567811	CHRYSE	4890	4580567	RCA	415449 <sup>28</sup>
455453R91	IH	471827 <sup>28</sup>	455995N	TIMKE	455995N	456837V	TIMKE	456837V	4580567	RCA	455147
455462	TIMKE	455462	455D6	WHITE	6635S	456865N	TIMKE	456865N	458111C1	IH	481181 <sup>28</sup>
455471	TIMKE	455471	455PKG	TIMKE	455PKG	456890	TIMKE	456890	458111C1	IH	481181N
455473	NATL	417518	455R	TIMKE	455PKG	4568R	JN-MN	472150 <sup>29</sup>	458112C1	IH	412871 <sup>28</sup>
455475	TIMKE	455475	45600	C-R	710869	4569	ALOY	416273	458112C1	IH	450329
455476	TIMKE	455476	45600	SKF	710869	456919V	TIMKE	456919V	45816	EATON	415003
455479	TIMKE	455479	456007XX	TIMKE	45X60X7	456967V	TIMKE	456967V	45816	EATON	415458 <sup>28</sup>
455479	WMG	417350 <sup>28</sup>	456008XX	TIMKE	45X60X8	45699	C-R	370003A	45825S	TIMKE	45825S
455479V	TIMKE	455479V	456010XX	TIMKE	45X60X10	45699	C-R	370006A	45827S	TIMKE	45827S
455480	TIMKE	455480	456055	TIMKE	456055	45699	C-R	380003A	4583	TIMKE	4583
455480V	TIMKE	455480V	456057	TIMKE	456057	45699	SKF	370003A	458428	IH	415836N
455499	TIMKE	455499	456105	TIMKE	456105	45699	SKF	370006A	458478	STUDE	473234 <sup>28</sup>
45550	C-R	417533	456141	TIMKE	456141	45699	SKF	380003A	45850	GARLK	417362 <sup>28</sup>
45550	SKF	417533	456192	TIMKE	456192	456A34010	TROS	417355 <sup>28</sup>	458510A	HARWA	45X85X10
455500	NATL	475500	456197	CLARK	240119	456PKG	TIMKE	456PKG	458510XX	TIMKE	45X85X10
455500	TIMKE	455500	4561V	TIMKE	4561V	456R	TIMKE	456PKG	4585248	HR-DV	481181 <sup>28</sup>
455509	TIMKE	455509	45620	GARLK	417254	457010XX	TIMKE	45X70X10	4585248	HR-DV	481181N
455511	NATL	2081	456208XX	TIMKE	45X62X8	45701K	TROS	5401	4585589	ROVER	3393
455513	TIMKE	455513	45621	HYST	473226	45702D	IH	6200	4585OS	JN-MN	470059
455536	TIMKE	455536	45625SA	TRSCM	415351 <sup>28</sup>	45705	C-R	370003A	4585OS	JN-MN	470380 <sup>28</sup>
455547	TIMKE	455547	456292	NATL	416292	45705	C-R	370025A	45866	SPICE	710430
45554S	TROS	471570 <sup>28</sup>	456294	CLARK	470567N	45705	C-R	380003A	4587B	JN-MN	450639 <sup>29</sup>
45555	TROS	450067	4563	ALOY	411330N	45705	C-R	380025A	4587LUP	JN-MN	450639
45555	TROS	473228	456305	TIMKE	456305	45705	C-R	386025A	458858	GMC	8622
455551	NATL	415551	45634008.5	TROS	417355 <sup>28</sup>	45705	SKF	370003A	458859	GMC	8622
455556	TIMKE	455556	45634008.5	TROS	485497	45705	SKF	370025A	45890	GARLK	417363
45555TA	TRSCM	416888 <sup>28</sup>	45634010	TROS	417355 <sup>28</sup>	45705	SKF	380003A	458925R91	IH	203006 <sup>28</sup>
45555TA	TRSCM	455200	45635610	TROS	417211 <sup>28</sup>	45705	SKF	380025A	4589A	HERCU	450082
455566	TIMKE	455566	45637S	TIMKE	45637S	45705	SKF	386025A	4589A	HERCU	473238
455576	TIMKE	455576	4563V	TIMKE	4563V	457050	C-R	370003A	4589EL	SUL	415995 <sup>28</sup>
455583N	TIMKE	455583N	45640004	TROS	45187S	457050	C-R	380003A	4589EL	SUL	455013
455584	TIMKE	455584	456414	NATL	415991	457050	SKF	370003A	458PKG	TIMKE	458PKG
45560	C-R	457585 <sup>28</sup>	456414	NATL	455146 <sup>28</sup>	457050	SKF	380003A	458R	TIMKE	458PKG
45560	SKF	457585	45645	GARLK	417247 <sup>28</sup>	45710	GARLK	417361	45906	US-EL	415035 <sup>28</sup>
455615	NATL	418028	456462	TIMKE	456462	457.130	ELRNG	710189	45906	US-EL	455035
455615	NATL	455137 <sup>28</sup>	456493	WHITE	473215 <sup>28</sup>	457207XX	TIMKE	45X72X7	45910	GARLK	416666
45561D	IH	410085	4564B	JN-MN	418028	457211	NATL	417211 <sup>28</sup>	4592	ALOY	6936S
45561D	IH	470530 <sup>28</sup>	4564B	JN-MN	455137 <sup>28</sup>	457211	WMG	417211 <sup>28</sup>	4592	ALOY	9845
45564SA	TRSCM	416153	4564V	TIMKE	4564V	457226	FMC	473232 <sup>28</sup>	459243C1	IH	415035
455655	TIMKE	455655	45650	GARLK	417360	45729	HYST	455280	459243C1	IH	415953
455685	NATL	370131A	456500	PACIF	416500 <sup>28</sup>	457295	TIMKE	457295	45925	GARLK	417364

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4592B	JN-MN	481650 <sup>29</sup>	46006	VIC	6636S	46058	VIC	471652	4610323	KOEH	55238
459322	FWD	471554 <sup>28</sup>	46007	VIC	476470	46058	VIC	482208 <sup>28</sup>	46104	VIC	323133
4594B	JN-MN	415697 <sup>28</sup>	46008	VIC	6815	46060	C-R	710089	4610400	KOEH	417549 <sup>28</sup>
4594B	JN-MN	455547	46009	VIC	473016 <sup>28</sup>	46060	SKF	710089	4610401	KOEH	415047
4594EL	SUL	415001 <sup>28</sup>	46010	VIC	473228 <sup>28</sup>	46060	TROS	417344 <sup>28</sup>	4610402	KOEH	415150 <sup>28</sup>
4594EL	SUL	455001	46011	VIC	451857	46060	VIC	6840S	4610409	KOEH	456105
4596A	HERCU	471192	46012	VIC	470077	460-6001	STEM	475003N	4610411	KOEH	415035 <sup>28</sup>
4596EL	SUL	416654 <sup>28</sup>	46012	VIC	474281 <sup>28</sup>	460-6002	STEM	9773	4610411	KOEH	455035
4596EL	SUL	455012	46013	VIC	472164 <sup>28</sup>	460-6003	STEM	35949N	4610413	KOEH	415066
4597EL	SUL	417196 <sup>28</sup>	46014	VIC	470308N	460-6004	STEM	475322N	4610423	KOEH	412473 <sup>28</sup>
4598	TIMKE	4598	46015	VIC	415001 <sup>28</sup>	460-6005	STEM	475009N	4610423	KOEH	415894
459PKG	TIMKE	459PKG	46018	VIC	450666	460-6006	STEM	475012N	4610426	KOEH	415027
459R	TIMKE	459PKG	46019	VIC	471195 <sup>28</sup>	460-6007	STEM	415013N	4610441	KOEH	417254
45X58X7	SIMRT	45X58X7 <sup>28</sup>	46019	VIC	481195	460-6008	STEM	476283N	4610502	KOEH	415072
45X58X7	TIMKE	45X58X7	46020	TROS	200600	460-6009	STEM	475458	4610506	KOEH	415116
45X58X7SC	TRSCM	45X58X7 <sup>28</sup>	46020	VIC	240733	460-6011	STEM	415304	4610B	JN-MN	471466 <sup>28</sup>
45X58X7TC	TRSCM	45X58X7 <sup>28</sup>	46025	TROS	200640	460-6012	STEM	415086N	46110	VIC	415156N
45X60X10	TIMKE	45X60X10	46025	VIC	204017	460-6013	STEM	415004	4611035	WOOL	417602 <sup>28</sup>
45X60X10SC	TRSCM	45X60X10	46026	VIC	6759S	46061	VIC	472015 <sup>28</sup>	46112	VIC	470487 <sup>28</sup>
45X60X10TC	TRSCM	45X60X10	46027	VIC	340413	46062	VIC	471829	46112	VIC	470487N
45X60X7	TIMKE	45X60X7	46028	VIC	473224 <sup>28</sup>	46063	VIC	471442 <sup>28</sup>	46113	VIC	474278 <sup>28</sup>
45X60X8	TIMKE	45X60X8	46030	GARLK	417365	46065	SPICE	710429	4611315	KOEH	415483
45X60X8SC	TRSCM	45X60X8	460300R91	IH	470189	46065	TROS	416444	46114	VIC	473234 <sup>28</sup>
45X60X8TC	TRSCM	45X60X8	460300R91	IH	471692 <sup>28</sup>	46065	VIC	473234 <sup>28</sup>	4611441	KOEH	415991
45X62X8	TIMKE	45X62X8	46032	VIC	323119	46066	SPICE	710428	4611441	KOEH	455146 <sup>28</sup>
45X62X8SB	TRSCM	1012N	46033	TROS	7208S	46068	TROS	415379	4611442	KOEH	417158 <sup>28</sup>
45X62X8SC	TRSCM	45X62X8 <sup>28</sup>	46033	VIC	7886S	46068	VIC	7994S	4611442	KOEH	455355
45X62X8TC	TRSCM	45X62X8 <sup>28</sup>	46036	VIC	712260	46070	VIC	473231 <sup>28</sup>	46115	VIC	450025
45X65X5TB	TRSCM	1992	46038	VIC	473226	46073	VIC	473224	46115	VIC	471553 <sup>28</sup>
45X65X8	TIMKE	45X65X8	46039	VIC	473231 <sup>28</sup>	46076	VIC	205017	4611502	KOEH	416364 <sup>28</sup>
45X65X8SC	TRSCM	45X65X8 <sup>28</sup>	46040	VIC	470565 <sup>28</sup>	46077	VIC	340771	46116	VIC	470625 <sup>28</sup>
45X65X8TC	TRSCM	45X65X8 <sup>28</sup>	46041	VIC	7537S	46078	VIC	474278 <sup>28</sup>	4611773	ALLCH	471567 <sup>28</sup>
45X70X10	TIMKE	45X70X10	46042	TROS	200642	46078	VIC	6859S	46117735	ALLCH	471567 <sup>28</sup>
45X70X10SC	TRSCM	45X70X10	46043	VIC	3103 <sup>28</sup>	46080	VIC	450066	46121	VIC	9568
45X70X10TC	TRSCM	45X70X10	46044	VIC	451948	46080	VIC	473367 <sup>28</sup>	46122	VIC	44053
45X72X7	TIMKE	45X72X7	46045	TROS	450040	46081	VIC	5128N	46123	VIC	6703S
45X72X7SC	TRSCM	45X72X7 <sup>28</sup>	46046	VIC	470059	46085	VIC	710409	4612310	KOEH	412040
45X72X7TC	TRSCM	45X72X7 <sup>28</sup>	46046	VIC	470380 <sup>28</sup>	46087	VIC	416273	4612319	KOEH	417484N
45X72X95SC	TRSCM	45X72X95	46047	TROS	471419	46087	VIC	471419	4612319	KOEH	455322
45X72X95TC	TRSCM	45X72X95	46047	TROS	473367	46087	VIC	473367 <sup>29</sup>	46125	C-R	456641
45X75X7	TIMKE	45X75X7	46048	TROS	473228 <sup>28</sup>	46089	VIC	6808N	46125	SKF	456641
45X75X7SC	TRSCM	45X75X7 <sup>28</sup>	46048	VIC	6960	46090	VIC	9150S	46125	VIC	450076
45X75X7TC	TRSCM	45X75X7 <sup>28</sup>	46049	VIC	471829	46091	VIC	473467	46125	VIC	470334 <sup>28</sup>
45X75X8SB	TRSCM	1979	46050	GARLK	415072	46093	VIC	7044NA	46128	VIC	472287 <sup>28</sup>
45X80X10	TIMKE	45X80X10	46050PM	VIC	417158 <sup>28</sup>	46096	VIC	3095	46130	VIC	7022S
45X80X10SC	TRSCM	45X80X10	46052	VIC	415899N	46097	VIC	473215 <sup>28</sup>	46131-24000	HYUND	710699
45X80X10TC	TRSCM	45X80X10	46052M4	VIC	416624N	46098	VIC	9613S	46131-34010	HYUND	320583
45X85X10	SIMRT	45X85X10	46053	SPICE	5778	46099	VIC	6985	46131-36000	HYUND	320583
45X85X10	TIMKE	45X85X10	46053	SPICE	5778V	460PKG	TIMKE	460PKG	46131-36001	HYUND	320583
45X85X10SC	TRSCM	45X85X10	46053	TROS	472287 <sup>28</sup>	460R	TIMKE	460PKG	46131-36002	HYUND	320583
45X85X10TC	TRSCM	45X85X10	46053	VIC	5778	46100	VIC	6930	46131-3B000	HYUND	320583
46002	TROS	471192	46055	TROS	473010 <sup>28</sup>	4610001	KOEH	453165	46131-3B600	HYUND	320583
46002	VIC	6626S	46055	VIC	352560	4610001	KOEH	471619 <sup>28</sup>	46131-4C000	HYUND	224663
46002006	AA&M	710547	46055	VIC	472560N <sup>28</sup>	46101	TROS	40973S	46131-4C000	KIA	224663
46002024	AA&M	710688	46057	VIC	5589 <sup>30</sup>	46102	VIC	472287 <sup>28</sup>	46132	VIC	472705 <sup>28</sup>
46002025	AA&M	710687	46057	VIC	5589 <sup>30</sup>	4610204	KOEH	470086	46133	VIC	472185 <sup>28</sup>
46003	VIC	415302	460571	GMC	5072	46103	VIC	471689 <sup>28</sup>	46134	VIC	321460
46004	SPICE	9864S	46058	TROS	415147	4610309	KOEH	450441	46135	VIC	417316 <sup>28</sup>
			46058	TROS	415449 <sup>28</sup>	4610309	KOEH	471341 <sup>28</sup>	46135	VIC	455004
			46058	VIC	343099	4610314	KOEH	410825	46136	VIC	455500

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4613N	TIMKE	4613N	46194	VIC	343101	46247	VIC	415995 <sup>28,29</sup>	46291	VIC	416404 <sup>28</sup>
46140	VIC	410059	46195	VIC	351466	4624N	WMG	4624V	46292	VIC	470950 <sup>28</sup>
46140	VIC	470059	46195	VIC	471466 <sup>28</sup>	4624V	TIMKE	4624V	46292	VIC	6241S
46140	VIC	470380 <sup>28</sup>	46196	VIC	340495	46250	VIC	417316 <sup>28</sup>	46293	VIC	2942
46140SF	VIC	470059	46197	VIC	471270 <sup>28</sup>	46250	VIC	455004	46294	VIC	331301N
46141	VIC	473234 <sup>28</sup>	46198	VIC	471652	46251	VIC	415147	46296	VIC	475004H
46143	VIC	7188S	46199	VIC	474278 <sup>28</sup>	46251	VIC	415449 <sup>28</sup>	46297	VIC	470530 <sup>28</sup>
4614392	ALLCH	455008	4619EL	SUL	473461 <sup>28</sup>	46252	VIC	7537S	46298	VIC	7934S
46144	C-R	416156	461V1502	KOEH	416364 <sup>28</sup>	46253	VIC	472287 <sup>28</sup>	463	KRSE	417343 <sup>28</sup>
46144	SKF	416156	4620	CLIN	340724 <sup>28</sup>	46254	VIC	7495S	46300	C-R	370024A
46144	VIC	7038SA	46200	C-R	415371	46255	VIC	450400	46300	C-R	370025A
461449	ALLCH	472394	46200	SKF	415371	46256	VIC	8773S	46300	C-R	380023A
46145	VIC	342805	46200	VIC	8139	46257	VIC	473214 <sup>28</sup>	46300	C-R	380025A
461456	ALLCH	472394	46200B	TRASR	223830	46257	VIC	7495S	46300	C-R	386025A
46148	VIC	474276 <sup>28</sup>	46201	TROS	6358	46258	VIC	7457N	46300	SKF	370024A
46149	VIC	471442 <sup>28</sup>	46201	VIC	480630 <sup>28</sup>	46260	TROS	472164 <sup>28</sup>	46300	SKF	370025A
4614N	TIMKE	4614N	46202	CUSH	471652	46260	VIC	330663	46300	SKF	380023A
46150	VIC	470605 <sup>28</sup>	46202	TROS	417355 <sup>28</sup>	46260	VIC	472354 <sup>28</sup>	46300	SKF	380025A
4615166	ALLCH	470163	46202	TROS	485497	46261	VIC	41257 <sup>28</sup>	46300	SKF	386025A
4615166	ALLCH	471766 <sup>28</sup>	46202	VIC	352541	46263	VIC	313842	46300	VIC	1037
4615167	ALLCH	471735	46202S	TROS	417355 <sup>28</sup>	4626515	CHRY	7412S	4630121	ALLCH	J1123
46153	VIC	5072	46202S	TROS	485497	4626590	CHRY	7300S	46302	VIC	8139
46156	VIC	7044NA	46203	TROS	2081	4626696	CHRY	473227V	463024	GMC	472705
46157	VIC	411253 <sup>28</sup>	46203	VIC	6200	4626696	JEEP	473227V	46303	VIC	7607
46158	VIC	8362	46205	VIC	471195 <sup>28</sup>	4626696	MOPAR	473227V	46304	C-R	370025A
46159	VIC	5126	46206	VIC	352354	46268	VIC	471554 <sup>28</sup>	46304	C-R	380025A
4615V	TIMKE	4615V	46206	VIC	472354 <sup>28</sup>	46269	VIC	471633 <sup>28</sup>	46304	C-R	386025A
46160	VIC	472164 <sup>28</sup>	46208	VIC	5092	4626A	HERCU	470027	46304	SKF	370025A
46162	VIC	7216	46210	VIC	6460S	4626A	HERCU	471554 <sup>28</sup>	46304	SKF	380025A
46163	VIC	470605 <sup>28</sup>	46211	VIC	417344 <sup>28</sup>	46270	VIC	472394	46304	SKF	386025A
461642R91	IH	471808 <sup>28</sup>	46211	VIC	455006	46271	VIC	8421S	46305	C-R	370025A
46165	VIC	331107N	46213	VIC	7014S	46272	VIC	473237 <sup>28</sup>	46305	C-R	380025A
4616570	ALLCH	415041	46214	VIC	472705 <sup>28</sup>	46274	VIC	481181 <sup>28</sup>	46305	C-R	386025A
46165S	TROS	6626S	46215	VIC	5113	46274	VIC	481181N	46305	SKF	370025A
46167	TROS	40576S	46217	VIC	415995 <sup>28</sup>	46277	VIC	3103 <sup>28</sup>	46305	SKF	380025A
4616954	ALLCH	411253 <sup>28</sup>	46217	VIC	455013	46278	VIC	471341 <sup>28</sup>	46305	SKF	386025A
4616954	ALLCH	450099	46219	VIC	450117	46279	VIC	450365	46306	C-R	370025A
46171	VIC	323138 <sup>28</sup>	46219	VIC	472572 <sup>28</sup>	46279	VIC	470898 <sup>28</sup>	46306	C-R	380025A
46172	VIC	471267 <sup>28</sup>	4621939	CHRY	710894	46280	VIC	340151	46306	C-R	386025A
46173	VIC	204020	4621939AB	CHRY	710894	462805	GMC	710304	46306	SKF	370025A
46173	VIC	204505 <sup>28</sup>	4621939AB	MOPAR	710894	46281	VIC	450066	46306	SKF	380025A
46174	VIC	471763	46220	VIC	471138 <sup>28</sup>	46281	VIC	473367 <sup>28</sup>	46306	SKF	386025A
46175	VIC	311189	46220PH	VIC	471138 <sup>28</sup>	462811	GMC	710045	46306	VIC	240119
46176	VIC	7412S	4622296	SAAB	710613	46282	VIC	352541	463064	GMC	3543
46177	VIC	203006 <sup>28</sup>	46230	VIC	472705 <sup>28</sup>	46282D	IH	452222 <sup>28</sup>	46307	VIC	470064
46179	VIC	40316S	46231	VIC	470712 <sup>28</sup>	46283	VIC	471193 <sup>28</sup>	46307	VIC	471821 <sup>28,29</sup>
4617919	CHRY	710557	4623109	SCOT	240119	462837	WHITE	410101N	46308	C-R	370025A
4617919	MITSU	710557	462316	GOODM	417196 <sup>28</sup>	46284	VIC	291295	46308	C-R	380025A
4617919	MOPAR	710557	462316	GR-DV	417196 <sup>28</sup>	46285	C-R	416158	46308	C-R	386025A
46181	HYST	50528	462320	MINMA	416047	46285	SKF	416158	46308	SKF	370025A
46181	VIC	417350 <sup>28</sup>	462320	MINMA	416332 <sup>28</sup>	462857	GMC	470682	46308	SKF	380025A
46181	VIC	455479	46239	VIC	350567	46286	VIC	415449 <sup>28</sup>	46308	SKF	386025A
46182	VIC	471652	46239	VIC	471267 <sup>28</sup>	46286	VIC	455147	46308	VIC	450472 <sup>28</sup>
46183	VIC	471341 <sup>28</sup>	46240	VIC	5113	462864	GMC	9316	46308	VIC	7751H
46186	VIC	311189	46241	TROS	6241S	46288	C-R	710901	4630820	ALLCH	450389
46188	VIC	470328	46241	VIC	342805	46288	SKF	710901	4630820	ALLCH	472492 <sup>28</sup>
46188	VIC	481213 <sup>28</sup>	46242S	TROS	6241S	46288	TIMKE	710901	4630856	ALLCH	413247 <sup>28</sup>
46189	VIC	417343 <sup>28</sup>	46243	VIC	7840S	46288	VIC	205044	46309	C-R	2505
46190	VIC	6906S	46246	VIC	451182	46289	VIC	482041N	46309	SKF	2505
46192	VIC	6863S <sup>28</sup>	46247	VIC	415013	46290	VIC	480581	46309	VIC	482253

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
46310	VIC	481181 <sup>28</sup>	4636502	CHRY	710198	4641	C-R	320457 <sup>29</sup>	46485	DANA	4857
46310	VIC	481181N	46366	VIC	340847	4641	SKF	320457	46485	SPICE	4857
46313	VIC	6988H	46368	VIC	473258 <sup>28</sup>	46410	VIC	472258 <sup>28</sup>	46485-1	DANA	4857
46314	VIC	472439	46369	VIC	8293S	46410	VIC	5872S	46485-1	SPICE	4857
46316	VIC	473235 <sup>28</sup>	46370	VIC	8610	46411	DANA	4525V	46486	VIC	470530 <sup>28</sup>
46316	VIC	8516N	46371	VIC	9015S	46411	SPICE	4525V	4648608	CHRY	320249
46317	VIC	7780N	46372	VIC	413248 <sup>28</sup>	46411	VIC	351487	46487	VIC	331301N
46318	VIC	40494S <sup>28</sup>	46373	VIC	470954 <sup>28</sup>	46411-1	SPICE	4525V	46489	VIC	471272N
46318	VIC	7834	46374	VIC	410825 <sup>28</sup>	46412	VIC	6863S <sup>28</sup>	4648B	JN-MN	471705 <sup>28,29</sup>
46319	VIC	2291	46374	VIC	475380N	4641851AA	CHRY	710501	464910R91	IH	473317
46319	VIC	416011	463748	GMC	415960	4641852AA	CHRY	223005	46494	VIC	3210
46320	VIC	39302	46375	VIC	8181NA	4641982	ALLCH	470163	464967	WHITE	473460
46320	VIC	472409 <sup>28</sup>	46376	VIC	470954 <sup>28</sup>	4641982	ALLCH	471766 <sup>28</sup>	4649B	JN-MN	471801 <sup>28</sup>
46321	VIC	51322	46377	VIC	472015 <sup>28</sup>	46423	VIC	470543	4649EL	SUL	473179 <sup>28</sup>
46322	VIC	8243	4637776	CHRY	714655	46423	VIC	474272 <sup>28,29</sup>	4650B	JN-MN	416125 <sup>28</sup>
46323	VIC	471795	46377PM	VIC	472015 <sup>28</sup>	46424	VIC	8974S	465155C1	IH	473274N
46324	C-R	415064 <sup>29</sup>	46378	VIC	415458 <sup>28</sup>	464244C1	IH	710008	4651899	SCOT	343185
46324	SKF	415064	46378	VIC	455003	464244C2	IH	710008	465.194	ELRNG	710190
46324	VIC	473517 <sup>28</sup>	46379	VIC	415995 <sup>28</sup>	464260	WHITE	417316 <sup>28</sup>	46540	TROS	410308 <sup>28</sup>
46325	VIC	330663	46379	VIC	455013	46431	VIC	471649 <sup>28</sup>	4654389	CHRY	710884
46325	VIC	472354 <sup>28</sup>	46379PM	VIC	415013N	46431S	TROS	6460S	4654389	JEEP	710884
46326	VIC	415004	46379PM	VIC	415995V	46432	VIC	481163 <sup>28</sup>	4654389AB	CHRY	710884
46326	VIC	417316 <sup>28</sup>	46380	VIC	415304	46433	VIC	9449	4654389AB	JEEP	710884
46327	SPICE	710430	46380	VIC	476470 <sup>28,29</sup>	46434	VIC	9178S	4654389AC	CHRY	710884
46327	VIC	470358	46383	VIC	471413 <sup>28</sup>	46435	VIC	5113	4654389AC	JEEP	710884
46327	VIC	473231 <sup>28,29</sup>	46383	VIC	7412S	46436	VIC	8975S	465483	GMC	710005
46327	VIC	710430	46384	VIC	470077	46438	VIC	8660S	4654F	GOODM	416666
46328	VIC	470380 <sup>28</sup>	46384	VIC	474281 <sup>28</sup>	46439	VIC	8705S	465511C91	IH	370131A
46328	VIC	9613S	46386	VIC	411253 <sup>28</sup>	46442	VIC	413246N	465511C91	NAVST	380131A
46328SF	VIC	9613S	46386SE	VIC	411253 <sup>28</sup>	46442	VIC	483246N	465611	WHITE	451583 <sup>28</sup>
4633	SPICE	450301	46388	VIC	415003	46447	VIC	471737	46565TA	TRSCM	416156
4633	SPICE	472397 <sup>28</sup>	46388	VIC	415458 <sup>28</sup>	46449	VIC	7214	4656F	GOODM	416666
46330	VIC	472287 <sup>28</sup>	4638904	AMC	4370N	46450	VIC	476838 <sup>28</sup>	466.042	ELRNG	710608
46331	VIC	473237 <sup>28</sup>	4638904	CHRY	4370N	46452	VIC	8704S	4660478	ALLCH	471689 <sup>28</sup>
46331	VIC	7486S	4638904	JEEP	4370N	46453	VIC	8974S	466174R91	IH	341022
46334	VIC	323119	4638904	MOPAR	4370N	46454	VIC	471570 <sup>28</sup>	466174R92	IH	341022
463358	VOLVO	1172	4638941	CHRY	2506	46456	VIC	8430S	4661872	ALLCH	473474
463358-2	VOLVO	1172	4638941	MOPAR	2506	46457	VIC	7687S	46626	HYST	473234 <sup>28</sup>
46336	VIC	340847	4638N	TIMKE	4638N	46461	VIC	4148	4663618	CHRY	710469
46337	VIC	340850	46390	C-R	370026A	46461	VIC	471424 <sup>28</sup>	4663618	MOPAR	710469
46338	VIC	240735	46390	SKF	370026A	464633	SPICE	410519	4663622	CHRY	710814
46340	TROS	471316	46390	VIC	474276	464633	SPICE	471271 <sup>28</sup>	4663 622AC	CHRY	710814
46340	VIC	6863S <sup>28</sup>	46392	VIC	331227H	464634	SPICE	481181 <sup>28</sup>	4663 625	CHRY	710056
463425R91	IH	204017	46393	VIC	411348	464634	SPICE	481181N	4663870	CHRY	710056
46343	VIC	471643 <sup>28</sup>	46394	VIC	312140	464649	WHITE	6863S <sup>28</sup>	4663870AB	CHRY	710840
4634303	VMM	224052	46395	C-R	7700S <sup>28</sup>	46467	VIC	3945	4663870AC	CHRY	710840
46344	VIC	471554 <sup>28</sup>	46395	SKF	7700S	46467	VIC	4131	4663870AC	MOPAR	710840
46346	VIC	471442 <sup>28</sup>	46395	VIC	471652	46469	VIC	470380 <sup>28</sup>	4 664 143	FORD	100944
46347	VIC	350414	46396	C-R	370051A	46469	VIC	472189A	46648	DANA	5778V
46347	VIC	472311 <sup>28</sup>	46396	C-R	370220A	46470	SPICE	710068	46648	SPICE	5778V
46348	VIC	450519	46396	SKF	370051A	46470	VIC	203006 <sup>28</sup>	46648	VIC	5778V
46348	VIC	471271 <sup>28</sup>	46396	SKF	370220A	46471	VIC	483054N	4664872	ALLCH	473474
46349	VIC	471264 <sup>28</sup>	46396	VIC	472015 <sup>28</sup>	46476	VIC	2043	466507XX	TIMKE	46X65X7
46350	VIC	411376 <sup>28</sup>	46397	VIC	9363S	46477	VIC	473228 <sup>28</sup>	466588	WHITE	5408
46356	VIC	8429S	46398	VIC	471538 <sup>28</sup>	46477	VIC	481837	46661TBY	TRSCM	7700S <sup>28</sup>
46358	VIC	456837V	46400D	IH	450065	46478	VIC	481163 <sup>28</sup>	46671	HYST	416380 <sup>28</sup>
46359	VIC	470954 <sup>28</sup>	46401D	IH	450260	46481	VIC	455151	4667198	CHRY	320348
4635V	TIMKE	4635V	46403	VIC	472082	46482	HYST	417181 <sup>28</sup>	4667198	MOPAR	320348
46361	VIC	411500	46404	VIC	8429S	46482	VIC	8695S	4667322	CHRY	710056
46362	VIC	40154S	46409	VIC	7934S	46483	VIC	472341 <sup>28</sup>	46676	VIC	415035

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
46676	VIC	415953	46800	SKF	415284	46901	BOSTN	471526 <sup>28</sup>	46950	BOSTN	473205 <sup>28</sup>
4667904	CHRYS	5279	46800	VIC	370048A	46902	BOSTN	471472 <sup>28</sup>	46950	C-R	417536
4667904	CHRYS	710056	46800	VIC	370182A	46903	BOSTN	471472 <sup>28</sup>	46950	SKF	417536
466809	WHITE	6270	46800	VIC	380048A	46904	BOSTN	471466 <sup>28</sup>	46951	BOSTN	473205 <sup>28</sup>
466810	WHITE	5401	46801	VIC	417600	46905	BOSTN	471466 <sup>28</sup>	46952	BOSTN	471413 <sup>28</sup>
46683	HYST	417254	46802	VIC	2218	46906	BOSTN	471264 <sup>28</sup>	46953	BOSTN	471413 <sup>28</sup>
466867	WHITE	475380N	46803	VIC	370018A	46907	BOSTN	471264 <sup>28</sup>	46954	BOSTN	471737
46688	VIC	416888 <sup>28</sup>	46804	VIC	415035 <sup>28</sup>	46908	BOSTN	471255 <sup>28</sup>	46955	BOSTN	471737
46689	VIC	416888 <sup>28</sup>	46804	VIC	415953	46909	BOSTN	471255 <sup>28</sup>	46956	BOSTN	471766 <sup>28</sup>
46690	VIC	416888 <sup>28</sup>	46808	VIC	455948	46910	BOSTN	471564	46957	BOSTN	471766 <sup>28</sup>
46691	VIC	416888 <sup>28</sup>	46809	VIC	415035	46911	BOSTN	471564	46958	BOSTN	471795
46697	HYST	471413 <sup>28</sup>	46810	VIC	415035	46912	BOSTN	470954 <sup>28</sup>	46959	BOSTN	471795
467008XX	TIMKE	46X70X8	46811	VIC	417357	46912	BOSTN	480954	46960	BOSTN	473210
4670305	ALLCH	450301	46811	VIC	455192 <sup>28</sup>	46913	BOSTN	470954 <sup>28</sup>	46960S	TROS	450185
4670305	ALLCH	472397 <sup>28</sup>	46812	VIC	417357	46914	BOSTN	471554 <sup>28</sup>	46960S	TROS	473229
4674B	JN-MN	450082	46813	VIC	415991	46915	BOSTN	471554 <sup>28</sup>	46961	BOSTN	473210
4674B	JN-MN	473238	46814	VIC	415379	46916	BOSTN	471567 <sup>28</sup>	46962	BOSTN	473211 <sup>28</sup>
4674N	TIMKE	4674N	46815	VIC	415227 <sup>28</sup>	46917	BOSTN	471567 <sup>28</sup>	46963	BOSTN	473211 <sup>28</sup>
46750	KELSE	203025	46817	VIC	416273	46917D	IH	450301	46964	BOSTN	473212 <sup>28</sup>
46751	VIC	455583N <sup>28</sup>	46817PM	VIC	416125 <sup>28</sup>	46917D	IH	472397 <sup>28</sup>	46965	BOSTN	473212 <sup>28</sup>
46752	VIC	415938	46818	VIC	455035N	46918	BOSTN	471643 <sup>28</sup>	46966	BOSTN	473213 <sup>28</sup>
46754	VIC	415725 <sup>28</sup>	46820	VIC	415498	46919	BOSTN	471643 <sup>28</sup>	46967	BOSTN	473213 <sup>28</sup>
46755	VIC	6864S	46829	VIC	3492V	4691B	JN-MN	415025 <sup>29</sup>	46968	BOSTN	472258 <sup>28</sup>
467574	WHITE	475009N	46831	HYST	415350	46920	BOSTN	471267 <sup>28</sup>	46969	BOSTN	472258 <sup>28</sup>
46758	VIC	327215	46839	VIC	415725 <sup>28</sup>	46920	C-R	45637S <sup>29</sup>	469694	ACDEL	2081
46758	VIC	415035 <sup>28</sup>	4683B	JN-MN	470219	46920	SKF	45637S	469694	GMC	2081
46759	VIC	415213N	4683B	JN-MN	471649 <sup>28</sup>	46921	BOSTN	471267 <sup>28</sup>	46970	BOSTN	471192
46763	VIC	455858	46841ST	VIC	370065A	46922	BOSTN	471570 <sup>28</sup>	46971	BOSTN	471192
46765	VIC	476842	46841ST	VIC	380065A	46923	BOSTN	471570 <sup>28</sup>	46972	BOSTN	473214 <sup>28</sup>
46767	VIC	415027	46842	VIC	370036A <sup>31</sup>	46924	BOSTN	471646 <sup>28</sup>	46973	BOSTN	473214 <sup>28</sup>
46767	VIC	415138 <sup>28</sup>	46842	VIC	370349A <sup>16</sup>	46925	BOSTN	471646 <sup>28</sup>	46974	BOSTN	473215 <sup>28</sup>
46768	VIC	416865 <sup>28</sup>	46842	VIC	380036A	46926	BOSTN	470590	46975	BOSTN	473215 <sup>28</sup>
46769	VIC	456618	46842ST	VIC	370036A	46927	BOSTN	470590	46975D	IH	410102
46769-M	VIC	370023A	46842ST	VIC	370349A	46928	BOSTN	471224 <sup>28</sup>	46976	BOSTN	473224 <sup>28</sup>
46769-M	VIC	380023A	46842ST	VIC	380036A	46929	BOSTN	471224 <sup>28</sup>	46976D	IH	473215 <sup>28</sup>
46770	VIC	415351 <sup>28</sup>	46843	VIC	415284	46930	BOSTN	471649 <sup>28</sup>	46977	BOSTN	473224 <sup>28</sup>
46773	VIC	39807	46844	VIC	455956H	46931	BOSTN	471649 <sup>28</sup>	46977D	IH	473447
46774	VIC	415697 <sup>28</sup>	46845	VIC	370036A	46932	BOSTN	471689 <sup>28</sup>	46978	BOSTN	473016 <sup>28</sup>
46774	VIC	455547	46845	VIC	370349A	46933	BOSTN	471689 <sup>28</sup>	46978D	IH	415995 <sup>28</sup>
46776	VIC	455035N	46845	VIC	380036A	46934	BOSTN	471733	46978D	IH	455013
4677B	JN-MN	471466 <sup>28</sup>	46846	VIC	415035 <sup>28</sup>	46935	BOSTN	471733	46979	BOSTN	473016 <sup>28</sup>
46780	VIC	416865 <sup>28</sup>	46846	VIC	415953	46935	C-R	417535	46979D	IH	410694 <sup>28</sup>
46780	VIC	455070	46847	VIC	370037A	46935	SKF	417535	4697B	JN-MN	470120
467807	WHITE	5403	46847	VIC	370338A	46936	BOSTN	471652	4697B	JN-MN	471224 <sup>28</sup>
467812	WHITE	6635S	46848	VIC	370107A	46936	BOSTN	482208 <sup>28</sup>	46980	BOSTN	473225
46782	VIC	415213N	46849	VIC	370027A	46937	BOSTN	471652	46980D	IH	415991
46783	VIC	415867	4684B	JN-MN	471413 <sup>28</sup>	46938	BOSTN	471692 <sup>28</sup>	46980D	IH	455146 <sup>28</sup>
46784	VIC	416339	46850	VIC	415958 <sup>28</sup>	46939	BOSTN	471692 <sup>28</sup>	46981	BOSTN	473225
46784	VIC	455031 <sup>28</sup>	46850	VIC	455958	46940	BOSTN	470712 <sup>28</sup>	46982	BOSTN	473226
46785	VIC	415295	46851	C-R	415284	46941	BOSTN	470712 <sup>28</sup>	46982D	IH	481864
467.860	ELRNG	710550	46851	SKF	415284	46942	BOSTN	471763	46983	BOSTN	473226
4678B	JN-MN	473445	46876	SPERY	204008	46943	BOSTN	471763	4698302	EIMCO	4354V
46790PM	VIC	416364 <sup>28</sup>	46876	VICK	204008	46944	BOSTN	473203	4698302	SANDV	4354V
46794	VIC	415991	468849	WHITE	473245 <sup>28</sup>	46945	BOSTN	473203	469835R91	IH	7186S
46795	VIC	416364 <sup>28</sup>	46886	SPERY	340853	46946	BOSTN	472475	46983D	IH	412119 <sup>28</sup>
46795M2	VIC	416364 <sup>28</sup>	46886	VICK	340853	46947	BOSTN	472475	46983D	IH	450101
46799	VIC	417247 <sup>28</sup>	468961R91	IH	41013S	46948	BOSTN	471765 <sup>28</sup>	46984	BOSTN	473227 <sup>28</sup>
467F	OSHKO	411253 <sup>28</sup>	46898	BOSTN	471442 <sup>28</sup>	46949	BOSTN	471765 <sup>28</sup>	469844C1	IH	370150A
467F	OSHKO	450099	46899	BOSTN	471442 <sup>28</sup>	4694B	JN-MN	470219	469845C1	IH	370169A
46800	C-R	415284	46900	BOSTN	471526 <sup>28</sup>	4694B	JN-MN	471649 <sup>28</sup>	46984D	IH	416921 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
46984D	IH	455011	470074	TIMKE	470074	470211	TIMKE	470211	47034S	TROS	412473 <sup>28</sup>
46985	BOSTN	473227 <sup>28</sup>	470077	TIMKE	470077	470213R91	IH	450301	47034S	TROS	415894
46986	BOSTN	470625 <sup>28</sup>	47008	BOSTN	473233 <sup>28</sup>	470213R91	IH	472397 <sup>28</sup>	47035	BOSTN	472319
46987	BOSTN	470625 <sup>28</sup>	47008	VIC	472354 <sup>28</sup>	470219	TIMKE	470219	470351	TIMKE	470351
46988	BOSTN	470380 <sup>28</sup>	47008	VIC	50395S	47022	BOSTN	472179	470354	TIMKE	470354
46989	BOSTN	470380 <sup>28</sup>	470086	TIMKE	470086	47022	VIC	455079 <sup>28</sup>	470358	TIMKE	470358
4698B	JN-MN	450082	470087	WMG	473313 <sup>28</sup>	47023	BOSTN	472179	47035S	TROS	411376 <sup>28</sup>
4698B	JN-MN	473238	470088	TIMKE	470088	47023	VIC	450412	47036	BOSTN	473241
46990	BOSTN	473228 <sup>28</sup>	47009	BOSTN	473233 <sup>28</sup>	470230	TIMKE	470230	47036	VIC	415196 <sup>28</sup>
46991	BOSTN	473228 <sup>28</sup>	470094	NATL	473451	470236	TIMKE	470236	470361	TIMKE	470361
46992	BOSTN	472213	47010	BOSTN	473234 <sup>28</sup>	47024	BOSTN	472439	470361V	TIMKE	470361V
46993	BOSTN	472213	47010	VIC	5115	47024	VIC	55238	470362	TIMKE	470362
46994	BOSTN	472299	47010S	TROS	45637S	470241	TIMKE	470241	47036S	TROS	415003
46995	BOSTN	472299	47011	BOSTN	473234 <sup>28</sup>	470244	TIMKE	470244	47036S	TROS	415458 <sup>28</sup>
46995	SPICE	710067	47011	TROS	204008	470245	TIMKE	470245	47037	BOSTN	473241
46995-1	SPICE	710067	470119	TIMKE	470119	47025	BOSTN	472439	47037S	TROS	415146 <sup>28</sup>
46996	BOSTN	473229 <sup>28</sup>	47012	BOSTN	473235 <sup>28</sup>	47025	TROS	205015	47037S	TROS	415991
46997	BOSTN	473229 <sup>28</sup>	47012	VIC	470351	47025	VIC	475384	47038	BOSTN	472144 <sup>28</sup>
46997S	TIMKE	46997S	47012	VIC	471504 <sup>28</sup>	47026	BOSTN	472572 <sup>28</sup>	47038	VIC	40169S
46998	BOSTN	470682	470120	TIMKE	470120	47026	TROS	204020	470380	NATL	410059
46999	BOSTN	470682	47012S	TROS	203003	47026	TROS	204505 <sup>28</sup>	470380	NATL	470059
4699B	JN-MN	55419	47013	BOSTN	473235 <sup>28</sup>	47026	VIC	455310	470380	NATL	472189A <sup>28</sup>
46X65X7SC	TRSCM	46X65X7 <sup>28</sup>	47013	VIC	450472 <sup>28</sup>	47027	BOSTN	472572 <sup>28</sup>	470380	NATL	9613S
46X65X7TC	TRSCM	46X65X7 <sup>28</sup>	470135	TIMKE	470135	47027	TROS	205035	470380	TIMKE	470380
46X70X8SC	TRSCM	46X70X8 <sup>28</sup>	470138V	TIMKE	470138V	47027	VIC	455144	470380V	TIMKE	470380V
46X70X8TC	TRSCM	46X70X8 <sup>28</sup>	47013S	TROS	203003	47028	BOSTN	473238 <sup>28</sup>	47039	BOSTN	472144 <sup>28</sup>
47000	BOSTN	473230 <sup>28</sup>	47014	BOSTN	473236 <sup>28</sup>	47028	VIC	417350 <sup>28</sup>	470390	TIMKE	470390
470004	TIMKE	470004	47014	VIC	450474	47028	VIC	455479	470394	TIMKE	470394
470005	TIMKE	470005	470140N	TIMKE	470140N	47028S	TROS	472144 <sup>28</sup>	470398	TIMKE	470398
4700052404	BUSHH	240462	470141	TIMKE	470141	47029	BOSTN	473238 <sup>28</sup>	47039S	TROS	410737 <sup>28</sup>
47000S	TROS	240009	47014S	TROS	203012	47029	VIC	415088 <sup>28</sup>	47040	BOSTN	472394
47001	BOSTN	473230 <sup>28</sup>	47015	BOSTN	473236 <sup>28</sup>	47029	VIC	455088	47040	VIC	203002
47001S	TROS	203029	47015	VIC	450621	4702994	OPEL	223552	470403	TIMKE	470403
47002	BOSTN	473231 <sup>28</sup>	47015S	TROS	203013	47030	BOSTN	473239 <sup>28</sup>	470409	TIMKE	470409
47002	VIC	471564	47016	BOSTN	473237 <sup>28</sup>	47030	VIC	455500	47040S	TROS	415086N
470027	TIMKE	470027	47016	VIC	471138 <sup>28</sup>	470304	NATL	473457 <sup>28</sup>	47040S	TROS	417487 <sup>28</sup>
47003	BOSTN	473231 <sup>28</sup>	470162	TIMKE	470162	470304SSR	NATL	473457 <sup>28</sup>	47041	BOSTN	472394
47003	VIC	471529	470163	TIMKE	470163	470308N	NATL	410308 <sup>28</sup>	47041	VIC	240009
470034	TIMKE	470034	470165	TIMKE	470165	470308N	TIMKE	470308N	47042	BOSTN	471424 <sup>28</sup>
47004	BOSTN	473010 <sup>28</sup>	470169	TIMKE	470169	47030S	TROS	210945	47043	BOSTN	471424 <sup>28</sup>
47004	VIC	353132	47016S	TROS	203016	47031	BOSTN	473239 <sup>28</sup>	47043S	TROS	415984 <sup>28</sup>
470041	TIMKE	470041	47017	BOSTN	473237 <sup>28</sup>	47031S	TROS	411376 <sup>28</sup>	47044	BOSTN	472492 <sup>28</sup>
470045	TIMKE	470045	47017	VIC	412920 <sup>28</sup>	47032	BOSTN	473240 <sup>28</sup>	47044	VIC	471526 <sup>28</sup>
470049	TIMKE	470049	47017	VIC	450132	47032	VIC	418029 <sup>28</sup>	47045	BOSTN	472492 <sup>28</sup>
47005	BOSTN	473010 <sup>28</sup>	47017S	TROS	203025	47032	VIC	455499	470451	TIMKE	470451
47005	VIC	470567	47018	BOSTN	472164 <sup>28</sup>	470328	TIMKE	470328	47045S	TROS	416404 <sup>28</sup>
47005	VIC	471267 <sup>28</sup>	470189	TIMKE	470189	47032S	TROS	415449 <sup>28</sup>	47046	BOSTN	472924 <sup>28</sup>
470050	TIMKE	470050	47018S	TROS	204002	47033	BOSTN	473240 <sup>28</sup>	470460	TIMKE	470460
470055N	TIMKE	470055N	47019	BOSTN	472164 <sup>28</sup>	47033	VIC	370036A	47046S	TROS	415498
470059	NATL	470380 <sup>28</sup>	47019S	TIMKE	47019S	47033	VIC	370349A	47047	BOSTN	472924 <sup>28</sup>
470059	TIMKE	470059	470199	TIMKE	470199	47033	VIC	380036A	47047S	TROS	35949N
47005S	TROS	340469	47019S	TROS	204013	470331N	TIMKE	470331N	47048	BOSTN	472397 <sup>28</sup>
47006	BOSTN	473232 <sup>28</sup>	4701N	TIMKE	4701N	470334	NATL	450076	47048	VIC	471224 <sup>28</sup>
470062	TIMKE	470062	47020	BOSTN	472185 <sup>28</sup>	470334	NATL	50289	470487	TIMKE	470487
470064	TIMKE	470064	47020	VIC	416271 <sup>28</sup>	470334	TIMKE	470334	470487N	NATL	470487
470066	TIMKE	470066	470207	TIMKE	470207	470336	TIMKE	470336	470487N	TIMKE	470487N
47006S	TROS	340771	47020S	TROS	204017	47033S	TROS	417343 <sup>28</sup>	47049	BOSTN	472397 <sup>28</sup>
47007	BOSTN	473232 <sup>28</sup>	47021	BOSTN	472185 <sup>28</sup>	47034	BOSTN	472319	47049	VIC	471649 <sup>28</sup>
47007	VIC	323138 <sup>28</sup>	47021	TROS	205004	47034	VIC	415295	4704B	JN-MN	470954 <sup>28</sup>
470070	NATL	472185 <sup>28</sup>	47021	VIC	412861	470347	TIMKE	470347	47050	BOSTN	473242

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
47050	VIC	450593 <sup>28</sup>	47064	BOSTN	472018	47079	BOSTN	470565 <sup>28</sup>	470954V	TIMKE	470954V
470503	TIMKE	470503	47064	VIC	472924 <sup>28</sup>	47079S	TROS	240816	47096	BOSTN	415483
470506	TIMKE	470506	470645	TIMKE	470645	47080	BOSTN	413246	47096	VIC	415836
47051	BOSTN	473242	47065	BOSTN	472018	47080	BOSTN	413246N	47096	VIC	415995 <sup>28,29</sup>
470515	TIMKE	470515	47065	VIC	450115	47080	VIC	415304	47096S	TROS	417211 <sup>28</sup>
47051S	TROS	240009	47065	VIC	473467 <sup>28,29</sup>	47080	VIC	476470 <sup>28</sup>	47097	BOSTN	415483
47052	BOSTN	473204	47065S	TROS	6703S	470806	TIMKE	470806	470974R91	IH	450301
47052	VIC	471763	47066	BOSTN	472020	470808	TIMKE	470808	470974R91	IH	472397 <sup>28</sup>
47053	BOSTN	473204	47066S	TROS	240414	47080S	TROS	240949	47097S	TROS	415437
470530	NATL	410085	47067	BOSTN	472020	47081	BOSTN	413246	47098	BOSTN	415458 <sup>28</sup>
470530	NATL	450085	47067	VIC	39302	47081	BOSTN	413246N	47098	VIC	415379
470530	TIMKE	470530	470672	TIMKE	470672	47082	BOSTN	413247 <sup>28</sup>	470987	TIMKE	470987
47054	BOSTN	470898	47068	BOSTN	473245 <sup>28</sup>	47082	VIC	416556 <sup>28</sup>	470989	TIMKE	470989
47054	VIC	471765 <sup>28</sup>	470680	TIMKE	470680	47082	VIC	472157	47099	BOSTN	415458 <sup>28</sup>
470543	TIMKE	470543	470682	TIMKE	470682	47083	BOSTN	413247 <sup>28</sup>	47099	BOSTN	475458
470547	TIMKE	470547	470687	TIMKE	470687	47084	BOSTN	416271 <sup>28</sup>	4710	C-R	12X22X7 <sup>28</sup>
470547SSR	NATL	470547	47068S	TROS	240435	47084	VIC	450040	4710	C-R	221207
470548	TIMKE	470548	47069	BOSTN	473245 <sup>28</sup>	47084S	TROS	481443 <sup>28</sup>	4710	SKF	12X22X7
47054S	TROS	240023	47069	VIC	412920 <sup>28</sup>	47085	BOSTN	416271 <sup>28</sup>	4710	SKF	221207
47055	BOSTN	470898	4707	C-R	12X22X7 <sup>28</sup>	47085S	TROS	471076	47100	BOSTN	417343 <sup>28</sup>
470553	TIMKE	470553	4707	C-R	221207	47086	BOSTN	471271 <sup>28</sup>	47101	BOSTN	417343 <sup>28</sup>
470553	WMG	471224 <sup>28</sup>	4707	SKF	12X22X7	47086	VIC	472287 <sup>28</sup>	471015	TIMKE	471015
470557	TIMKE	470557	4707	SKF	221207	47087	BOSTN	471271 <sup>28</sup>	47101S	TROS	331301N
47055S	TROS	240119	47070	BOSTN	471272 <sup>28</sup>	47087	SPICE	471419	47102	BOSTN	416664 <sup>28</sup>
47056	BOSTN	472015 <sup>28</sup>	47070	VIC	412040	47087	SPICE	473367	47103	BOSTN	416664 <sup>28</sup>
47056	VIC	410163	47070S	TROS	240462	47087	VIC	450066	47104	AMC	473440 <sup>28</sup>
47056	VIC	471766 <sup>28</sup>	47071	BOSTN	471272 <sup>28</sup>	47087	VIC	471419	47104	BOSTN	415984 <sup>28</sup>
470565	TIMKE	470565	47071	VIC	415147	47087	VIC	473367 <sup>28,29</sup>	47104	VIC	471192
470567	NATL	471267 <sup>29</sup>	47071	VIC	415449 <sup>28</sup>	47087S	TROS	410085	47105	BOSTN	415984 <sup>28</sup>
470567	TIMKE	470567	470712	TIMKE	470712	47087S	TROS	470530 <sup>28</sup>	47105	TROS	471652
470567N	TIMKE	470567N	470712V	TIMKE	470712V	47088	BOSTN	470605 <sup>28</sup>	47106	BOSTN	417316 <sup>28</sup>
47057	BOSTN	472015 <sup>28</sup>	47071S	TROS	240470	47088	VIC	473010 <sup>28</sup>	47107	BOSTN	417316 <sup>28</sup>
47057	VIC	472287 <sup>28</sup>	47072	BOSTN	471138 <sup>28</sup>	47089	BOSTN	470605 <sup>28</sup>	47107	VIC	410316
470574	NATL	413246N	47072	VIC	410708	47089S	TIMKE	470895	47107	VIC	472636 <sup>28</sup>
470574	NATL	470574N	47072S	TROS	6597S	470898	NATL	450365	471076	TIMKE	471076
470574N	TIMKE	470574N	47073	BOSTN	471138 <sup>28</sup>	470898	NATL	450867	47108	BOSTN	415960
47057S	TROS	240151	47073	VIC	415003	470898	TIMKE	470898	471084	WMG	472213
47058	BOSTN	472016 <sup>28</sup>	47073	VIC	415458 <sup>28</sup>	4708B	JN-MN	472951	47109	BOSTN	415960
47058	VIC	473215 <sup>28</sup>	470737	NATL	410737	4708B	JN-MN	474252	47109	VIC	415836
47059	BOSTN	472016 <sup>28</sup>	470737	TIMKE	470737	47090	BOSTN	415449 <sup>28</sup>	47109	VIC	415995 <sup>28,29</sup>
47059	VIC	473228 <sup>28</sup>	470737N	TIMKE	470737N	47091	BOSTN	415449 <sup>28</sup>	4711	C-R	221207
470590	TIMKE	470590	47073S	TROS	240698	47092	BOSTN	416273	4711	SKF	221207
470596	TIMKE	470596	47074	BOSTN	472636 <sup>28</sup>	47092	VIC	416444	47110	BOSTN	415303 <sup>28</sup>
470596V	TIMKE	470596V	47074S	TROS	240716	47093	BOSTN	416273	47110	VIC	415304
47060	BOSTN	473243	47075	BOSTN	472636 <sup>28</sup>	47093	VIC	415147	47110	VIC	476470 <sup>28</sup>
47060	VIC	473236 <sup>28</sup>	47075	VIC	417316 <sup>28</sup>	47093	VIC	415449 <sup>28</sup>	471103	NATL	50197S
470601	TIMKE	470601	47075S	TROS	240731	47094	BOSTN	413248	471103	TIMKE	471103
470605	NATL	470605	47076	BOSTN	412920 <sup>28</sup>	470946	TIMKE	470946	471103S	WOOL	415991
470605	TIMKE	470605	47076	VIC	204017	47094S	TROS	415836	471103S	WOOL	455146 <sup>28</sup>
470606	TIMKE	470606	47076	VIC	473117	47094S	TROS	415995 <sup>28</sup>	471105	TIMKE	471105
47061	BOSTN	473243	470764	TIMKE	470764	47095	BOSTN	413248	471106	WHITE	416339
47061	VIC	472185 <sup>28</sup>	47076S	TROS	240733	47095	VIC	417344 <sup>28</sup>	471106	WHITE	455031 <sup>28</sup>
47062	BOSTN	473244 <sup>28</sup>	47077	BOSTN	412920 <sup>28</sup>	470950	NATL	483793	47111	BOSTN	415303 <sup>28</sup>
470625	NATL	470548	47077	VIC	417351 <sup>28</sup>	470950	TIMKE	470950	47112	BOSTN	417344 <sup>28</sup>
470625	NATL	5115	470774	NATL	470403	470954	NATL	350679	47112	VIC	471526 <sup>28</sup>
470625	TIMKE	470625	470774	TIMKE	470774	470954	NATL	350954	47113	BOSTN	417344 <sup>28</sup>
470625V	TIMKE	470625V	470774V	TIMKE	470774V	470954	NATL	470954 <sup>28</sup>	471137	TIMKE	471137
47062S	TROS	240319	47077S	TROS	240735	470954	NATL	480954	471138	TIMKE	471138
47063	BOSTN	473244 <sup>28</sup>	47078	BOSTN	470565 <sup>28</sup>	470954	NATL	6835S	47114	BOSTN	417158 <sup>28</sup>
47063S	TROS	240356	47078S	TROS	240736	470954	TIMKE	470954	47114	VIC	471763

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
471141	NATL	450291	47127	BOSTN	416011	47141	BOSTN	417353 <sup>28</sup>	471535	TIMKE	471535
471141	TIMKE	471141	47127	BOSTN	417621 <sup>28</sup>	47141	VIC	417211 <sup>28</sup>	471538	NATL	471538
471115	BOSTN	417158 <sup>28</sup>	471270	TIMKE	471270	471413	NATL	7412S	471538	NATL	8773S
471115	VIC	472179	471271	NATL	410519	471413	TIMKE	471413	471538	TIMKE	471538
471116	BOSTN	416921 <sup>28</sup>	471271	NATL	450519	471413V	TIMKE	471413V	471539	NATL	450431
471116	VIC	473460	471271	TIMKE	471271	471419	TIMKE	471419	471539	TIMKE	471539
471161	LETN	473460	471271V	TIMKE	471271V	47141S	TROS	340724 <sup>28</sup>	47154	BOSTN	417196 <sup>28</sup>
471169	TIMKE	471169	471272	NATL	410520	47142	BOSTN	416294 <sup>28</sup>	471549	NATL	471549
471169N	TIMKE	471169N	471272	TIMKE	471272	47142	VIC	471829	471549	NATL	472467
47117	BOSTN	416921 <sup>28</sup>	471272N	TIMKE	471272N	471424	TIMKE	471424	471549	TIMKE	471549
47117S	TROS	34009S	471276	TIMKE	471276	471424V	TIMKE	471424V	47154S	TROS	340900
47118	BOSTN	417349 <sup>28</sup>	471276V	TIMKE	471276V	47143	BOSTN	416294 <sup>28</sup>	47155	BOSTN	417196 <sup>28</sup>
47118	VIC	417316 <sup>28</sup>	47128	BOSTN	416288 <sup>28</sup>	47143	VIC	6312	471551	TIMKE	471551
47119	BOSTN	417349 <sup>28</sup>	47128	VIC	210945	47144	BOSTN	412473 <sup>28</sup>	471553	NATL	450025
47119	VIC	415013	471281	TIMKE	471281	47144	BOSTN	415894	471553	TIMKE	471553
47119	VIC	415995 <sup>28</sup>	471288	NATL	473237 <sup>28</sup>	471442	NATL	410119	471554	NATL	470027
471192	TIMKE	471192	47128S	TROS	340356	471442	TIMKE	471442	471554	TIMKE	471554
471193	TIMKE	471193	47129	BOSTN	416288 <sup>28</sup>	471442V	TIMKE	471442V	471554V	TIMKE	471554V
471195	NATL	471195	47129	VIC	410085	471443	TIMKE	471443	471558	TIMKE	471558
471195	NATL	481195	47129	VIC	470530 <sup>28</sup>	47145	BOSTN	412473 <sup>28</sup>	47156	BOSTN	415437
471195	TIMKE	471195	47129S	TROS	350364	47145	BOSTN	415894	47156	VIC	9613S
4711B	JN-MN	415072 <sup>29</sup>	47130	BOSTN	417171 <sup>28</sup>	47145S	TROS	340787	471564	TIMKE	471564
47120	BOSTN	417350 <sup>28</sup>	47130S	TROS	340385	47146	BOSTN	417191	471567	TIMKE	471567
47120S	TROS	340120	47131	BOSTN	417171 <sup>28</sup>	471466	NATL	351466	47156S	TROS	340927
47121	BOSTN	417350 <sup>28</sup>	471316	TIMKE	471316	471466	TIMKE	471466	47157	BOSTN	415437
47121	VIC	6200	47131S	TROS	351267	471466V	TIMKE	471466V	471570	NATL	470680
47121S	TROS	340136	47131S	TROS	471267 <sup>28</sup>	47146S	TROS	340797	471570	NATL	471570
47122	BOSTN	415836	47132	BOSTN	417172	47147	BOSTN	417191	471570	TIMKE	471570
47122	BOSTN	415995 <sup>28</sup>	47132	VIC	415449 <sup>28</sup>	471472	TIMKE	471472	471570V	TIMKE	471570V
47122	VIC	350954	47132S	TROS	340400	47147S	TROS	340815	471571	TIMKE	471571
47122	VIC	470954 <sup>28</sup>	47133	BOSTN	417172	47148	BOSTN	417354 <sup>28</sup>	471571V	TIMKE	471571V
471224	NATL	350909 <sup>29</sup>	471337	TIMKE	471337	47149	BOSTN	417354 <sup>28</sup>	471579	TIMKE	471579
471224	NATL	470120	47133S	TROS	340413	47149	VIC	472185 <sup>28</sup>	47157S	TROS	350567
471224	NATL	470553	47134	BOSTN	476470	471498	TIMKE	471498	47157S	TROS	471267 <sup>28</sup>
471224	TIMKE	471224	471341	NATL	450441	47149S	TROS	340817	47158	BOSTN	416047
471224V	TIMKE	471224V	471341	TIMKE	471341	4714B	JN-MN	471750 <sup>28</sup>	47158	BOSTN	416332 <sup>28</sup>
47122S	TROS	350954	471341N	TIMKE	471341N	4715	C-R	12X24X7	47158	VIC	470565 <sup>28</sup>
47122S	TROS	470954 <sup>28</sup>	471344	TIMKE	471344	4715	SKF	12X24X7	47159	BOSTN	416047
47123	BOSTN	415836	47135	BOSTN	476470	47150	BOSTN	416624 <sup>28</sup>	47159	BOSTN	416332 <sup>28</sup>
47123	BOSTN	415995 <sup>28</sup>	471354	TIMKE	471354	47150	VIC	410708	47159S	TROS	341022
471231	NATL	471231	47136	BOSTN	417181 <sup>28</sup>	471504	NATL	470351	47160	BOSTN	415937 <sup>28</sup>
471231	TIMKE	471231	47136	VIC	415379 <sup>28</sup>	471504	TIMKE	471504	47160	VIC	473234 <sup>28</sup>
47123S	TROS	340151	47136	VIC	455379	47150S	TIMKE	47150S	47161	BOSTN	415937 <sup>28</sup>
47124	BOSTN	417351 <sup>28</sup>	47136S	TROS	340469	47150S	TROS	340823	47161	VIC	412871 <sup>28</sup>
47125	BOSTN	417351 <sup>28</sup>	47137	BOSTN	417181 <sup>28</sup>	47151	BOSTN	416624 <sup>28</sup>	47161	VIC	450329
471255	TIMKE	471255	47137	VIC	412473 <sup>28</sup>	47151	VIC	415836	471612	TIMKE	471612
471255V	TIMKE	471255V	47137	VIC	415894	47151	VIC	415995 <sup>28</sup>	471619	NATL	453165
47126	BOSTN	416011	471379	TIMKE	471379	471516	NATL	321516	471619	TIMKE	471619
47126	BOSTN	417621 <sup>28</sup>	47138	BOSTN	417352	471516	TIMKE	471516	47161S	TROS	345035
47126	VIC	452222 <sup>28</sup>	47138	BOSTN	418028 <sup>28</sup>	47151S	TROS	340853	47162	BOSTN	417355 <sup>28</sup>
471264	NATL	450535	47138	VIC	415899N	47152	BOSTN	415991 <sup>28</sup>	47162	VIC	471801 <sup>28</sup>
471264	TIMKE	471264	47138	VIC	416624N	47152	BOSTN	415991N	47162S	TROS	345146
471267	NATL	350567	47138S	TROS	340495	471526	TIMKE	471526	47163	BOSTN	417355 <sup>28</sup>
471267	NATL	351267	47139	BOSTN	417352	471529	TIMKE	471529	47163	VIC	473227 <sup>28</sup>
471267	NATL	470567	47139	BOSTN	418028 <sup>28</sup>	47152S	TROS	340872	471633	TIMKE	471633
471267	TIMKE	471267	47139	VIC	415437	47153	BOSTN	415991 <sup>28</sup>	47164	BOSTN	416125 <sup>28</sup>
471267V	TIMKE	471267V	471391	TIMKE	471391	47153	BOSTN	415991N	47164	VIC	415350
471268	WHITE	6635S	47140	BOSTN	417353 <sup>28</sup>	471530	TIMKE	471530	471642	TIMKE	471642
471268N	TIMKE	471268N	471405	TIMKE	471405	471532	TIMKE	471532	471643	TIMKE	471643
47126S	TROS	471643 <sup>28</sup>	471407	TIMKE	471407	471535	NATL	450536	471645	TIMKE	471645

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
471645V	TIMKE	471645V	47174S	TROS	470543	47184	BOSTN	417356 <sup>28</sup>	4-7198	FLXIB	416865 <sup>28</sup>
471646	NATL	471646	47174S	TROS	474272	47184	VIC	471652	4-7198	FLXIB	455070
471646	TIMKE	471646	47175	BOSTN	471211 <sup>28</sup>	471841	TIMKE	471841	4-7198	TW-CO	416865 <sup>28</sup>
471647	TIMKE	471647	471750	TIMKE	471750	471845N	TIMKE	471845N	4-7198	TW-CO	455070
471648	TIMKE	471648	471750V	TIMKE	471750V	471847N	TIMKE	471847N	47198	VIC	450133
471649	NATL	470219	47175S	TROS	350567	47185	BOSTN	417356 <sup>28</sup>	471981	TIMKE	471981
471649	NATL	471649	47175S	TROS	471267 <sup>28</sup>	47185	VIC	474255	471984	TIMKE	471984
471649	TIMKE	471649	47176	BOSTN	416345 <sup>28</sup>	471854	NATL	2692	471 9898	ROVER	3393
471649V	TIMKE	471649V	471760	TIMKE	471760	471854	TIMKE	471854	47199	BOSTN	416888 <sup>28</sup>
47165	BOSTN	416125 <sup>28</sup>	471760V	TIMKE	471760V	47185S	TROS	415082	47199	VIC	473475
47165	VIC	417481	471762	NATL	471762	47186	BOSTN	417357	47199S	TROS	451143
471650	WMG	481650	471762	TIMKE	471762	471862	TIMKE	471862	47200	BOSTN	416153 <sup>28</sup>
471651	TIMKE	471651	471763	TIMKE	471763	471866	NATL	471281	47200	VIC	413247 <sup>28</sup>
471652	NATL	482208	471763V	TIMKE	471763V	471866	TIMKE	471866	47200	VIC	450350
471652	TIMKE	471652	471764	NATL	450161	471868	TIMKE	471868	47201	BOSTN	416153 <sup>28</sup>
471652V	NATL	471652V	471764	TIMKE	471764	471869	NATL	3173	47201	VIC	471887
471652V	TIMKE	471652V	471765	TIMKE	471765	471869	NATL	710928	472012	TIMKE	472012
471653	TIMKE	471653	471766	NATL	410163	471869	TIMKE	471869	472015	TIMKE	472015
47166	BOSTN	416041	471766	NATL	470163	47186S	TROS	417350 <sup>28</sup>	472016	NATL	410312N
47166S	TROS	471413 <sup>28</sup>	471766	TIMKE	471766	47186S	TROS	455479	472016	TIMKE	472016
47167	BOSTN	416041	471766V	TIMKE	471766V	47187	BOSTN	417357	472018	TIMKE	472018
47167	VIC	415449 <sup>28</sup>	47176S	TROS	350823	47187	VIC	471413 <sup>28</sup>	47202	BOSTN	416892 <sup>28</sup>
47168	BOSTN	415379	47176S	TROS	473454	47187	VIC	7412S	47202	VIC	415082
471684	NATL	471698	47177	BOSTN	416345 <sup>28</sup>	471870	NATL	471883	472020	TIMKE	472020
471684	TIMKE	471684	47178	BOSTN	415697 <sup>28</sup>	471870	TIMKE	471870	4720277AA	CHRYS	710812
471686	TIMKE	471686	471785	TIMKE	471785	47188	BOSTN	416130 <sup>28</sup>	472029	TIMKE	472029
471688	TIMKE	471688	471787	TIMKE	471787	47188	VIC	471818	47203	BOSTN	416892 <sup>28</sup>
471689	NATL	471689	47178S	TROS	473424 <sup>28</sup>	471883	TIMKE	471883	47204	BOSTN	415138 <sup>28</sup>
471689	TIMKE	471689	47179	BOSTN	415697 <sup>28</sup>	471887	TIMKE	471887	47204	VIC	100495
471689V	TIMKE	471689V	47179	VIC	481537	47189	BOSTN	416130 <sup>28</sup>	47204	VIC	415281N
47168S	TROS	471443	471795	TIMKE	471795	47189	VIC	473423	472041	TIMKE	472041
47168S	TROS	481443 <sup>28</sup>	471795N	TIMKE	471795N	47190	BOSTN	416556 <sup>28</sup>	47205	BOSTN	415138 <sup>28</sup>
47169	BOSTN	415379	47179S	TROS	350909	47190	BOSTN	472157	47205	VIC	416404 <sup>28</sup>
471692	NATL	470189	47179S	TROS	471224 <sup>28</sup>	47190	VIC	472179	47206	BOSTN	417247 <sup>28</sup>
471692	TIMKE	471692	47180	BOSTN	417366 <sup>28</sup>	471904	TIMKE	471904	47206	VIC	473215 <sup>28</sup>
471698	TIMKE	471698	47180	VIC	471554 <sup>28</sup>	47190S	TROS	327303 <sup>28</sup>	47207	BOSTN	417247 <sup>28</sup>
47169S	TROS	471646 <sup>28</sup>	471801	TIMKE	471801	47191	BOSTN	416556 <sup>28</sup>	472070	TIMKE	472070
47170	BOSTN	417205 <sup>28</sup>	471808	TIMKE	471808	47191	BOSTN	472157	47208	BOSTN	415725 <sup>28</sup>
47170	VIC	410183N	47181	BOSTN	417366 <sup>28</sup>	47191	VIC	471984 <sup>29</sup>	47208	VIC	476470
471705	TIMKE	471705	47181	VIC	470645	471915	TIMKE	471915	472082	TIMKE	472082
471707	TIMKE	471707	471818	TIMKE	471818	47191S	TROS	365008	472082S	WMG	472082
471707N	TIMKE	471707N	47181S	TROS	350974 <sup>28</sup>	47192	BOSTN	415196 <sup>28</sup>	47209	BOSTN	415725 <sup>28</sup>
47170S	TROS	471689 <sup>28</sup>	47182	BOSTN	415035 <sup>28</sup>	47192	TROS	455197N	47209	VIC	412473 <sup>28</sup>
47171	BOSTN	417205 <sup>28</sup>	47182	BOSTN	415953	47192	VIC	472185 <sup>28</sup>	47209	VIC	415894
47171	VIC	413469 <sup>28</sup>	47182	VIC	471270 <sup>28</sup>	47193	BOSTN	415196 <sup>28</sup>	47210	C-R	
47171S	TROS	481163 <sup>28</sup>	471820	TIMKE	471820	47193	VIC	203034	120X140X13 <sup>28</sup>		
47172	BOSTN	416339	471821	NATL	470064	47194	BOSTN	416891 <sup>28</sup>	47210	C-R	710084
471729	TIMKE	471729	471821	NATL	471821	47194	VIC	472319	47210	C-R	717004
47172S	TROS	471538 <sup>28</sup>	471821	TIMKE	471821	47195	BOSTN	416891 <sup>28</sup>	47210	SKF	120X140X13
47173	BOSTN	416339	471827	NATL	8160S	47195	VIC	471391 <sup>28</sup>	47210	SKF	710084
471730	TIMKE	471730	471827	TIMKE	471827	471950	TIMKE	471950	47210	SKF	717004
471733	TIMKE	471733	471829	TIMKE	471829	471952	TIMKE	471952	47210	VIC	200640
471735	TIMKE	471735	47183	BOSTN	415035 <sup>28</sup>	471958	TIMKE	471958	47211	VIC	470351
471736	TIMKE	471736	47183	BOSTN	415953	47195S	TROS	203006 <sup>28</sup>	47211	VIC	471504 <sup>28</sup>
471737	TIMKE	471737	47183	SPICE	471689 <sup>28</sup>	47196	BOSTN	416135 <sup>28</sup>	47212	VIC	472164 <sup>28</sup>
47173S	TROS	350364	47183	VIC	471689 <sup>28</sup>	47196	VIC	471424 <sup>28</sup>	472138	TIMKE	472138
47174	BOSTN	417211 <sup>28</sup>	471831	TIMKE	471831	47197	BOSTN	416135 <sup>28</sup>	472144	TIMKE	472144
471744	TIMKE	471744	471833	TIMKE	471833	47197	VIC	471870 <sup>28</sup>	47215	VIC	473235 <sup>28</sup>
471747	NATL	472674	471835	NATL	450444	47197	VIC	471883	472150	TIMKE	472150
471747	TIMKE	471747	471835	TIMKE	471835	47198	BOSTN	416888 <sup>28</sup>	472156	ADAMS	415988

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
472156	LETN	415988	472341	TIMKE	472341	47261	VIC	40154S	47299	VIC	415098N
472157	NATL	416556	472350	TIMKE	472350	47263	VIC	6163S	472HH100	SPICE	100495
472157	NATL	455195	472354	NATL	330663	472635	TIMKE	472635	472HH101	DANA	710457
472157	TIMKE	472157	472354	NATL	352354	472636	NATL	410316	473010	NATL	450194
472164	NATL	450352	472354	NATL	50395S	472636	NATL	450316	473010	TIMKE	473010
472164	NATL	450494	472354	TIMKE	472354	472636	TIMKE	472636	473010N	TIMKE	473010N
472164	TIMKE	472164	47236	VIC	6954S	472642	TIMKE	472642	473010V	TIMKE	473010V
472164V	NATL	482164N	47238	VIC	417082	472642V	TIMKE	472642V	473016	TIMKE	473016
472164V	TIMKE	472164V	47239	VIC	470189	472644	TIMKE	472644	47304	VIC	351267
47217	VIC	450066	47239	VIC	471692 <sup>28</sup>	472644V	TIMKE	472644V	47304	VIC	471267 <sup>28</sup>
47217	VIC	473367 <sup>28</sup>	472394	TIMKE	472394	472649	TIMKE	472649	47305	VIC	6835S
472179	NATL	450183	472397	NATL	450301	47265	VIC	40316S	473096	NATL	350156
472179	TIMKE	472179	472397	TIMKE	472397	472651V	TIMKE	472651V	473096	TIMKE	473096
472185	NATL	450070	47240	VIC	480630 <sup>28</sup>	472653	TIMKE	472653	473099	NATL	253099 <sup>28</sup>
472185	TIMKE	472185	472409	NATL	450121	472655	TIMKE	472655	47311	VIC	471526 <sup>28</sup>
472189A	NATL	9613S	472409	TIMKE	472409	472658	TIMKE	472658	473117	TIMKE	473117
472189A	TIMKE	472189A	472419	TIMKE	472419	472660	TIMKE	472660	47312	VIC	7013S
47219	VIC	415857 <sup>28</sup>	472432	TIMKE	472432	47267	VIC	455556	473129	ADAMS	410190
472193	NATL	450361	472439	TIMKE	472439	472674	TIMKE	472674	473135V	TIMKE	473135V
472193	NATL	470361	472439V	TIMKE	472439V	472681	TIMKE	472681	47314-4B000	HYUND	710403
472193	TIMKE	472193	47244	VIC	205004	47269	VIC	45013S	47314-4B000	KIA	710403
47220	TROS	9568	472446	TIMKE	472446	47270	VIC	415442 <sup>28</sup>	47314-4B000A	HYUND	710659
47220	VIC	473474	47245	C-R	370220A	472705	TIMKE	472705	47314-4B000A	KIA	710659
47221	VIC	417484N	47245	SKF	370220A	472747	TIMKE	472747	473157	TIMKE	473157
47221	VIC	475322N	472452	TIMKE	472452	47276	VIC	470774 <sup>28</sup>	47316	VIC	6590S
472213	TIMKE	472213	472466	TIMKE	472466	47278	VIC	1049	47317	VIC	471854 <sup>28</sup>
472221R91	IH	200887	472467	TIMKE	472467	47279	VIC	204013	473179	NATL	6712NA
472222	TIMKE	472222	472475	TIMKE	472475	47280	VIC	451078 <sup>28</sup>	473179	TIMKE	473179
472234	TIMKE	472234	47248	VIC	450431	47280C1	VIC	451078 <sup>28</sup>	47318	VIC	455566
472238	TIMKE	472238	47248	VIC	471539 <sup>28</sup>	47281	VIC	471413 <sup>28</sup>	47319	VIC	203008
472239	TIMKE	472239	47249	BE-	710498	472810	TIMKE	472810	47319	VIC	473317
47224	VIC	416271 <sup>28</sup>	47249	VIC	240470	47282	VIC	8059S	473197	NATL	450452
47225	C-R		472492	NATL	450389	472826	TIMKE	472826	473197	NATL	472658
120X145X12 <sup>28</sup>			472492	TIMKE	472492	47283	VIC	471413 <sup>28</sup>	473197	TIMKE	473197
47225	SKF	120X145X12	4724B	JN-MN	415995 <sup>28</sup>	47284	VIC	7013S	473203	TIMKE	473203
472258	NATL	472258	4724B	JN-MN	455013	472841	ADAMS	470712 <sup>28</sup>	473204	TIMKE	473204
472258	NATL	480570	47250	C-R		472843	ADAMS	450183	473205	TIMKE	473205
472258	NATL	5872S	120X150X12 <sup>28</sup>			472843	ADAMS	472179	473210	TIMKE	473210
472258	TIMKE	472258	47250	SKF	120X150X12	472843	TIMKE	472843	473211	TIMKE	473211
472258V	TIMKE	472258V	472501	GMC	5699	47285	VIC	471413 <sup>28</sup>	473212	TIMKE	473212
472287	TIMKE	472287	47251	VIC	471076	472856	TIMKE	472856	473213	TIMKE	473213
47229	VIC	455583N <sup>28</sup>	47252	VIC	471747 <sup>28</sup>	47287	VIC	471538 <sup>28</sup>	473214	NATL	470169
472299	TIMKE	472299	47252	VIC	472674	472878	TIMKE	472878	473214	TIMKE	473214
472299V	TIMKE	472299V	47253	VIC	471192	47288	VIC	7013S	473215	NATL	3116N
47230	C-R		472535	TIMKE	472535	47289	VIC	451078 <sup>28</sup>	473215	NATL	9568
120X145X12 <sup>28</sup>			472536	TIMKE	472536	4728B	JN-MN	471570 <sup>28,29</sup>	473215	TIMKE	473215
47230	SKF	120X145X12	472538	TIMKE	472538	47290	VIC	350414	47322	VIC	7886S
47230	VIC	410085	472539	TIMKE	472539	47290	VIC	472311 <sup>28</sup>	473224	TIMKE	473224
47230	VIC	470530 <sup>28</sup>	47255	VIC	473016 <sup>28</sup>	47291	VIC	480821 <sup>28</sup>	473225	TIMKE	473225
47231	VIC	415147	472554	TIMKE	472554	472924	NATL	450083	473226	TIMKE	473226
47231	VIC	415449 <sup>28</sup>	47256	VIC	240319	472924	TIMKE	472924	473227	NATL	350394
472311	NATL	350414	472560N	NATL	352560	47293	VIC	472492 <sup>28</sup>	473227	TIMKE	473227
472311	TIMKE	472311	472560N	NATL	50151S	47294	VIC	471413 <sup>28</sup>	473227V	TIMKE	473227V
472311V	TIMKE	472311V	472560N	TIMKE	472560N	472950	TIMKE	472950	473228	NATL	450067
472319	TIMKE	472319	47257	VIC	470625 <sup>28</sup>	472951	TIMKE	472951	473228	NATL	481837
47232	VIC	44052	472572	NATL	450117	472953	TIMKE	472953	473228	NATL	51098
472324	TIMKE	472324	472572	TIMKE	472572	472954	TIMKE	472954	473228	TIMKE	473228
472324E	NATL	472324 <sup>28</sup>	47258	VIC	473228 <sup>28</sup>	472954V	TIMKE	472954V	473229	NATL	450185
472324V	TIMKE	472324V	47259	VIC	340927	47297	VIC	480210 <sup>28</sup>	473229	TIMKE	473229
47233	VIC	473241	47260	VIC	6283S	47298	VIC	7399S <sup>28</sup>	473230	TIMKE	473230

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
473231	NATL	470358	47340	VIC	442380	473458	TIMKE	473458	47367	VIC	8133S
473231	TIMKE	473231	473405	TIMKE	473405	473459	NATL	471869	473677	TIMKE	473677
473232	NATL	450069	473406	TIMKE	473406	473459	TIMKE	473459	47367S	TROS	471224 <sup>28</sup>
473232	TIMKE	473232	473407	TIMKE	473407	47346	VIC	331228H	47368S	TROS	471689 <sup>28</sup>
473233	TIMKE	473233	47341	VIC	8976S	473460	NATL	473460	473694	TIMKE	473694
473234	NATL	450154	473412	TIMKE	473412	473460	TIMKE	473460	47369S	TROS	472164 <sup>28</sup>
473234	TIMKE	473234	473413	TIMKE	473413	473461	TIMKE	473461	47370	VIC	7781S
473235	NATL	8516N	473414	TIMKE	473414	473462	NATL	450094	47371	VIC	450188
473235	TIMKE	473235	473415	TIMKE	473415	473462	NATL	473462 <sup>28</sup>	47372S	TROS	415086N
473236	TIMKE	473236	473416	TIMKE	473416	473462	TIMKE	473462	47372S	TROS	417487 <sup>28</sup>
473237	NATL	7486S	473419	NATL	450043	473463	TIMKE	473463	47373	VIC	473446
473237	TIMKE	473237	473419	TIMKE	473419	473464	NATL	450095	47374	VIC	471827 <sup>28</sup>
473237V	TIMKE	473237V	47342	VIC	417480 <sup>28</sup>	473464	NATL	473464	47374	VIC	8160S
473238	NATL	450082	47342	VIC	455860	473464	TIMKE	473464	47375	VIC	413469 <sup>28</sup>
473238	NATL	473238	473420	TIMKE	473420	473466	TIMKE	473466	47376	VIC	203025
473238	TIMKE	473238	473421	TIMKE	473421	473467	NATL	450115	47377	VIC	203029
473238V	TIMKE	473238V	473422	TIMKE	473422	473467	NATL	8650S	47378S	TROS	332062
473239	NATL	450298	473423	TIMKE	473423	473467	TIMKE	473467	47379	C-R	714750
473239	TIMKE	473239	473424	GMC	5092	473468	TIMKE	473468	47379	SKF	714750
47324	VIC	473442 <sup>28,29</sup>	473424	NATL	353137	47347	VIC	9376	473796	TIMKE	473796
473240	TIMKE	473240	473424	TIMKE	473424	473471	GMC	5072	47380	VIC	471707 <sup>28</sup>
473241	TIMKE	473241	473425	TIMKE	473425	473471	TIMKE	473471	47380	VIC	471707N
473242	TIMKE	473242	473426	TIMKE	473426	473473	TIMKE	473473	47381	VIC	9613S
473243	TIMKE	473243	473427	TIMKE	473427	473474	TIMKE	473474	473812	TIMKE	473812
473244	NATL	450489	473428	TIMKE	473428	473475	TIMKE	473475	473814	TIMKE	473814
473244	TIMKE	473244	473435	TIMKE	473435	473476	TIMKE	473476	47381S	TROS	6835S
473245	TIMKE	473245	473436	TIMKE	473436	47348	HYST	416888 <sup>28</sup>	47382	C-R	415138 <sup>28</sup>
473258	TIMKE	473258	473437	TIMKE	473437	47348	HYST	455200	47382	SKF	415138
473259	NATL	472681	473438	TIMKE	473438	47348	VIC	474260	47382	VIC	332062
473259	TIMKE	473259	473439	TIMKE	473439	47349	VIC	6832S	473823	TIMKE	473823
47326	VIC	42260S	47344	VIC	473228 <sup>28</sup>	473490	TIMKE	473490	47383	C-R	415138 <sup>28</sup>
473260	STUDE	6840S	473440	NATL	450461	47350	VIC	203016	47383	SKF	415138
47327	VIC	7929S	473440	NATL	473228	47351	VIC	203013	47383	TROS	350414
473274	TIMKE	473274	473440	TIMKE	473440	47351-39010	HYUND	710790	47383	TROS	472311 <sup>28</sup>
473274N	TIMKE	473274N	473441	TIMKE	473441	47351-39010	KIA	710790	47383	VIC	473228
47329	VIC	7937N	473442	NATL	5778	473517	TIMKE	473517	47383	VIC	51098
47330	VIC	470506 <sup>28</sup>	473442	TIMKE	473442	47352	VIC	204008	47384	VIC	8597S
47331	VIC	35949N	473443	TIMKE	473443	47352-39000	HYUND	710681	47385	VIC	6960
473313	TIMKE	473313	473444	NATL	450078	47352-39000	KIA	710681	47385S	TROS	415983N <sup>28</sup>
473317	TIMKE	473317	473444	TIMKE	473444	47352-39010	HYUND	710681	47386S	TROS	441130
47331-H1000	HYUND	710682	473444V	TIMKE	473444V	47352-39010	KIA	710681	47388	C-R	39952
47331-H1000	KIA	710682	473445	TIMKE	473445	47353	VIC	450400	47388	SKF	39952
47333	VIC	55337	473446	TIMKE	473446	47354	VIC	416071	47388	VIC	8460N
473336	TIMKE	473336	473447	TIMKE	473447	473546	TIMKE	473546	47388S	TROS	410183N
47335	VIC	473448	473448	TIMKE	473448	47355	VIC	450593 <sup>28</sup>	47389	VIC	8477S
47336	VIC	204035	473449	NATL	450118	473551	TIMKE	473551	4738N	TIMKE	4738N
47336-49500	HYUND	710403	473449	TIMKE	473449	47356	VIC	330699 <sup>28</sup>	4739	TIMKE	4739
47336-49500	KIA	710403	47345	VIC	474278 <sup>28</sup>	47356	VIC	340771	47390	VIC	473445
47336-49600	HYUND	710403	473450	NATL	473450	473560N	TIMKE	473560N	47390	VIC	480479H
47336-49600	KIA	710403	473450	TIMKE	473450	473573	TIMKE	473573	47394	C-R	415138 <sup>28</sup>
473367	NATL	450066	473450V	TIMKE	473450V	47361	VIC	7692S	47394	SKF	415138
473367	NATL	471419	473451	NATL	473451	47362	VIC	7300S	47394	VIC	470954 <sup>28</sup>
473367	TIMKE	473367	473451	TIMKE	473451	47362S	TROS	203006 <sup>28</sup>	47394	VIC	480954
473367V	TIMKE	473367V	473452	TIMKE	473452	47364	VIC	484054	47395	C-R	415138 <sup>28</sup>
47337	VIC	340900	473453	TIMKE	473453	47364S	TROS	204035	47395	SKF	415138
47337-49500	HYUND	710682	473454	NATL	350823	47365	VIC	450067	47395	VIC	8594S
47337-49500	KIA	710682	473454	NATL	472041	47365	VIC	473228	47396	VIC	6712NA
47338	VIC	471271	473454	TIMKE	473454	47365S	TROS	415725 <sup>28</sup>	47398	VIC	472082
473380	TIMKE	473380	473455	TIMKE	473455	47366	VIC	8121S	47399	VIC	8792S
47339	VIC	450118	473457	TIMKE	473457	47366S	TROS	471554 <sup>28</sup>	4740	TIMKE	4740

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
47400	VIC	6808N	474265	TIMKE	474265	474679	GMC	3667	4750	C-R	12X28X7
474018R91	IH	204038	474269	TIMKE	474269	4746B	JN-MN	417551	4750	SKF	12X28X7
47403	VIC	417267	47427	VIC	200371	47470	VIC	5109	47500	VIC	2674 <sup>28</sup>
47404	VIC	471169	474272	NATL	470543	47471	VIC	5123	47500	VIC	370054A
47405	VIC	411330 <sup>28</sup>	474272	TIMKE	474272	47473	VIC	5109	475001	TIMKE	415001
47405	VIC	411330N	474273	TIMKE	474273	47474	C-R	417247 <sup>28</sup>	475003	NATL	415458 <sup>28</sup>
474051	WHITE	46997S	474274	NATL	473443	47474	SKF	417247	475003	NATL	475458
47405HA	IH	415449 <sup>28</sup>	474274	TIMKE	474274	47475	C-R	417247 <sup>28</sup>	475003N	TIMKE	475003N
47405HA	IH	455147	474276	TIMKE	474276	47475	SKF	417247	475004H	TIMKE	475004H
47406	VIC	470687	474277	NATL	474277	474757	ADAMS	415984 <sup>28</sup>	475009N	TIMKE	475009N
47407	VIC	5666	474277	TIMKE	474277	474757	LETN	415984 <sup>28</sup>	47501	VIC	9339S
474094R91	IH	7781S	474278	NATL	480356	47476	VIC	4250	475012N	TIMKE	475012N
474099	WHITE	415085 <sup>28</sup>	474278	NATL	6859S	47477	VIC	8871	475016	WHITE	416476 <sup>28</sup>
474099	WHITE	456648	474278	TIMKE	474278	474770	ADAMS	456105	475016	WHITE	455075
4741	TIMKE	4741	47428	VIC	200763	474770	LETN	456105	47502	VIC	416273 <sup>28</sup>
47410	VIC	416271 <sup>28</sup>	474281	NATL	470077	474772	ADAMS	473460	47503	VIC	9316
474107	WHITE	5408	474281	TIMKE	474281	474772	LETN	473460	47504	VIC	486857
4741118	CHRYS	4532N	474288	TIMKE	474288	474773	BENDI	240319	47505	VIC	9943
4741118	MOPAR	4532N	47430	VIC	42101S	474774	ADAMS	471647	47506	VIC	200763
4741119	CHRYS	7300S	47431	VIC	412119 <sup>28</sup>	474774	LETN	471647	47507	DANA	9864S
4741296	CHRYS	4529N	47432	VIC	410312N	47477BV	VIC	8871	47507	SPICE	9864S
4741296	MOPAR	4529N	47433	VIC	472492 <sup>28</sup>	47478	VIC	2689S	47507	VIC	200870
47413	VIC	9569S	47435	VIC	9161	474784	ADAMS	471689 <sup>28</sup>	475080N	TIMKE	475080N
474131	TIMKE	474131	47436	ALLCH	476470	474784	LETN	471689 <sup>28</sup>	47509	VIC	200855
474133	TIMKE	474133	47436	VIC	9049N	474784	WABCO	471689 <sup>28</sup>	475095N	TIMKE	475095N
474134	TIMKE	474134	47438	VIC	473443	47479	HYST	417357	4751	C-R	12X28X7
47415	VIC	8835S	47441	C-R	417538	47479	VIC	712146	4751	SKF	12X28X7
47415SF	VIC	8835S	47441	SKF	417538	474795	BENDI	240356	47511	VIC	200895
47416	VIC	472466 <sup>28,29</sup>	474411	BENDI	350954	474798	ADAMS	416158	47512	VIC	416956
47417	VIC	8429S	474411	BENDI	470954 <sup>28</sup>	474798	LETN	416158	47513	VIC	471750 <sup>28</sup>
474176	BENDI	340151	47442	VIC	6808N	474824	ADAMS	415483 <sup>28</sup>	47515-1	VIC	5397 <sup>30</sup>
47418	VIC	8940S	47444	VIC	480844	474824	ADAMS	455368	47516	VIC	2443
47419	VIC	6815	47445	VIC	441319	474824	LETN	415483 <sup>28</sup>	47517	VIC	473467 <sup>28</sup>
4741908	CHRYS	713103	47449	VIC	3604	474824	LETN	455368	47517	VIC	8650S
4741920	CHRYS	710771	47450	VIC	8660S	474824	WABCO	415483	47518	VIC	473560N
47420	VIC	8975S	47451	VIC	8935S	47483	VIC	470625 <sup>28</sup>	47519	VIC	5131
47421	VIC	8976S	47452	VIC	472394	47483	VIC	5115	47521	VIC	477069 <sup>28</sup>
474216	TIMKE	474216	47454	VIC	200855	47484	VIC	472747	47521	VIC	712598
47423	VIC	9150S	47455	C-R	200642	47485	VIC	8521S	47522	VIC	2043
474230	TIMKE	474230	47455	SKF	200642	47489	VIC	417158 <sup>28</sup>	47523	VIC	5121
474241V	TIMKE	474241V	47455	VIC	200110	4748N	TIMKE	4748N	475234N	TIMKE	475234N
47425	VIC	204017 <sup>28</sup>	47456	VIC	6575S	47490	VIC	482267	47524	VIC	2955
47425	VIC	205017	47457	VIC	9569S	47491	VIC	415458 <sup>28,29</sup>	47525	VIC	3087
474250	TIMKE	474250	47458	VIC	9161	47491	VIC	475003N	47526	VIC	2222
474252	NATL	472951	47460	VIC	712146	47491	VIC	475458	47527	VIC	3214
474252	TIMKE	474252	47461	VIC	8660S	47492	VIC	9316	47528	VIC	4148
474253	NATL	450030	47462	VIC	6712NA	47494	HYST	415294 <sup>28</sup>	47529	VIC	3195
474253	NATL	474253	4746258	CHRYS	4333N	47494	HYST	455294	4752960AA	CHRYS	224660
474253	TIMKE	474253	4746258	MOPAR	4333N	47494	SPICE	370033A	4752960AA	JEEP	224660
474254	NATL	470347	47464	VIC	470380V	47494	VIC	370033A	47530	VIC	2286
474254	TIMKE	474254	47466	VIC	9912	47495	VIC	370023A	475316	CABOT	415437 <sup>28</sup>
474255	TIMKE	474255	47467	VIC	8516N	47495	VIC	380023A	475316	CABOT	455173
474256	NATL	472432	4746772	AMC	5778	47496	VIC	6808N	47532	VIC	3732S
474256	TIMKE	474256	4746772	AMC	5778V	47497	VIC	40316S	475322N	TIMKE	475322N
474260	NATL	474260	4746772	CHRYS	5778	47498	VIC	410059	475324	GMC	415379 <sup>28</sup>
474260	TIMKE	474260	4746772	CHRYS	5778V	47498	VIC	470380 <sup>28</sup>	475324	GMC	455379
474261	TIMKE	474261	4746772	JEEP	5778	47499	HYST	416706 <sup>28</sup>	47534	VIC	3667
474264	NATL	470062	4746772	JEEP	5778V	47499	HYST	455272	47534	VIC	473546 <sup>28</sup>
474264	TIMKE	474264	4746772	MOPAR	5778	47499	VIC	471652	475368N	TIMKE	475368N
474265	NATL	470074	4746772	MOPAR	5778V	47499	VIC	482208 <sup>28</sup>	47537	ALLCH	473205

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
47537	VIC	714470	47599	VIC	415995V	4764	TIMKE	4764	47681	VIC	712937
47538	VIC	8429S	47599	VIC	455995N	47640	VIC	470682	476820	TIMKE	476820
475380N	TIMKE	475380N	475995V	NATL	415995V	47641	VIC	3385	47683	VIC	1990
475384	TIMKE	475384	475W625	CONE	5527	47642	VIC	3199	476838	NATL	470045
47539	VIC	40389S	47600	VIC	415483	476424N	TIMKE	476424N	476838	NATL	476838
47539	VIC	472492 <sup>28</sup>	47602	VIC	415988	47645	VIC	9845	476838	TIMKE	476838
4753B	JN-MN	415047	476023N	TIMKE	476023N	47646	VIC	413470 <sup>28</sup>	47684	VIC	710051
47540	VIC	415389N	47603	VIC	4950	47647	SPICE	415082N	476842	TIMKE	476842
475423C91	IH	711552	47604	VIC	1948	47647	VIC	415082N	47685	VIC	473442 <sup>28</sup>
47543	VIC	2291	47604	VIC	50X68X8 <sup>28</sup>	476470	NATL	415304	47686	VIC	471870 <sup>28</sup>
47544	VIC	482163 <sup>28</sup>	47606	VIC	224820	476470	NATL	455018	47686	VIC	471883
47544	VIC	482163N	47606	VIC	48X62X8 <sup>28</sup>	476470	TIMKE	476470	47687	VIC	472635
47545	VIC	43290S	47606TA	TRSCM	415213N	47648	VIC	451143	47688	VIC	450307
475458	TIMKE	475458	47606TA	TRSCM	417247 <sup>28</sup>	4764B	JN-MN	473245 <sup>28</sup>	47690	C-R	370003A
475458	WMG	415458 <sup>28</sup>	47607	VIC	473812	4765	TIMKE	4765	47690	C-R	370005A
47546	VIC	3794	47608	VIC	370003A	476500N	TIMKE	476500N	47690	C-R	370181A
47547	VIC	710068	47608	VIC	380003A	476508XX	TIMKE	47X65X8	47690	C-R	380003A
47549	VIC	416273	47609	VIC	473179 <sup>28</sup>	476512	TIMKE	476512	47690	SKF	370003A
47550	VIC	8610	4760B	JN-MN	417343 <sup>28</sup>	476514	TIMKE	476514	47690	SKF	370005A
475500	TIMKE	475500	47610	VIC	471271 <sup>28</sup>	476517	TIMKE	476517	47690	SKF	370181A
47553	VIC	3357	47611	VIC	410519	476518	TIMKE	476518	47690	SKF	380003A
47556	VIC	442874	47611	VIC	471271 <sup>28</sup>	476535	TIMKE	476535	47690	VIC	474133
47557	VIC	9487	4761107	CHRY	3459	47655	VIC	1994	47691	C-R	370003A
47558	VIC	413248	4761107	MOPAR	3459	47655	VIC	48X70X9 <sup>28</sup>	47691	C-R	380003A
47559	VIC	473313 <sup>28</sup>	47612	VIC	473243	47656	VIC	1992	47691	SKF	370003A
4755B	JN-MN	417546 <sup>28</sup>	47613	VIC	470380 <sup>28</sup>	47656	VIC	45X65X8 <sup>28</sup>	47691	SKF	380003A
47562	VIC	2443	47614	VIC	411253 <sup>28</sup>	47657	VIC	473823	47691	VIC	40169S
475621	WHITE	456618	47616	VIC	471413 <sup>28</sup>	476574N	TIMKE	476574N	47692	C-R	370003A
47566	VIC	2658V	47618	VIC	473010 <sup>28</sup>	47658	VIC	1994	47692	C-R	380003A
47567	VIC	417158 <sup>28</sup>	4761B	JN-MN	50266	47658	VIC	48X70X9 <sup>28</sup>	47692	SKF	370003A
47570	VIC	2655	47620	VIC	68X90X10	47659	VIC	1992	47692	SKF	380003A
47572	VIC	3945	4762017	CHRY	39803	4765B	JN-MN	473445	47692	VIC	50266
47574	VIC	1196	476208XX	TIMKE	47X62X8	47660	C-R	6663S	47693	C-R	370003A
47575	VIC	471847N	47621	VIC	226018	47660	SKF	6663S	47693	C-R	380003A
47575TA	TRSCM	415138 <sup>28</sup>	47623	VIC	710045	47662	VIC	442251	47693	SKF	370003A
47576	VIC	1955	47624	VIC	8622	47663	VIC	8165	47693	SKF	380003A
47576	VIC	52X65X9 <sup>28</sup>	4762418	CHRY	3459	47664	VIC	473274 <sup>28</sup>	47693	VIC	487945
47577	VIC	223240	47625	VIC	251511	47664	VIC	473274N	47694	C-R	370003A
47577	VIC	32X48X8 <sup>28</sup>	47626	VIC	5699	47664	WITTE	470548	47694	C-R	380003A
47578	VIC	480479H	47628	VIC	3543	47664	WITTE	470625 <sup>28</sup>	47694	SKF	370003A
47581	VIC	416292	476281	TIMKE	476281	47665	VIC	417352	47694	SKF	380003A
47582	VIC	472572 <sup>28</sup>	476282	TRANG	416282	47665	VIC	418028 <sup>28,29</sup>	47694	VIC	200851
47583	C-R	415066	476283N	TIMKE	476283N	47666	VIC	100495	47695	C-R	370003A
47583	SKF	415066	4762899	CHRY	3946	47666	VIC	476023N	47695	C-R	380003A
47583	VIC	3946	4762899	JEEP	3946	47667	VIC	100494	47695	SKF	370003A
47584	VIC	7186S	4762899	MOPAR	3946	47667	VIC	416470N	47695	SKF	380003A
475845	TIMKE	475845	4762N	TIMKE	4762N	47668	VIC	3136N	47695	VIC	417488 <sup>28</sup>
47585	VIC	475080N	47630	VIC	722109	47669	DANA	473457	47696	C-R	370003A
47585TA	TRSCM	417538	47631	VIC	722108	47669	VIC	473457 <sup>28</sup>	47696	C-R	380003A
47587	VIC	204027	47632	VIC	2300	47670	VIC	1953	47696	SKF	370003A
47589	VIC	712625	47633	VIC	6808N	47670	VIC	42X60X7 <sup>28</sup>	47696	SKF	380003A
4758B	JN-MN	470954 <sup>28,29</sup>	47634	VIC	370004A	47671	VIC	3395 <sup>28</sup>	47696	VIC	450361
47590	VIC	2503N	47636	VIC	476574N	47673	VIC	3214	47696	VIC	470361
47593	VIC	204500 <sup>28</sup>	47637	VIC	415483 <sup>28</sup>	47674	VIC	55X70X8 <sup>28</sup>	47696	VIC	472193 <sup>28</sup>
47594	VIC	472164 <sup>28</sup>	47637	VIC	455368	47676	VIC	28X38X7	47697	C-R	370003A
47595	VIC	452742	47638	VIC	470898	47677	VIC	17X30X7 <sup>28</sup>	47697	C-R	380003A
47596	VIC	370132A	47639	VIC	471341 <sup>28</sup>	47677	VIC	221720	47697	SKF	370003A
475960	NATL	415960	4763B	JN-MN	450154	47679	VIC	3618	47697	SKF	380003A
47597	VIC	456744N	4763B	JN-MN	473234	476793	GMC	3732S	47697	VIC	252277
47598	VIC	412119 <sup>28</sup>	4763S	TIMKE	4763S	47680	VIC	3604	47698	C-R	370003A

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
47698	C-R	370006A	47740	VIC	474134	47790	VIC	455583N <sup>28</sup>	47874	VIC	370132A
47698	C-R	380003A	477-405-641	PORSC	1012N	47792	VIC	415137 <sup>29</sup>	47875	VIC	722250
47698	SKF	370003A	477-405-641	VW	1012N	47792	VIC	417352	47876	VIC	370057A
47698	SKF	370006A	477-405-641AM	PORSC	1012N	47792	VIC	418028 <sup>28</sup>	47877	VIC	370046A
47698	SKF	380003A	477-405-641AM	VW	1012N	477936H	NATL	227045	47879	VIC	370009A
47698	VIC	710044	47742	VIC	225010	477936HAR	NATL	227045	47879	VIC	380009A
47699	C-R	370005A	47742	VIC	50X65X8 <sup>28</sup>	47795	VIC	370009A	47879SF	VIC	370009A
47699	C-R	370006A	47743	VIC	223235	47795	VIC	380009A	47879SF	VIC	380009A
47699	SKF	370005A	47744	VIC	714075	47795	VIC	6864S <sup>28</sup>	47880	VIC	370047A
47699	SKF	370006A	47745	VIC	3459	47797	VIC	415036	47880	VIC	9584 <sup>28</sup>
47699	VIC	223012	47746	VIC	36X58X8 <sup>28</sup>	47798	DANA	370018A	47880SF	VIC	370047A
47700	VIC	221710	47746	VIC	474288	47798	SPICE	370018A	47881	VIC	3592
4770095	SAAB	710237	47747	VIC	222240	47798	VIC	370018A	47885	DANA	719316
477010XX	TIMKE	47X70X10	47747	VIC	22X40X7 <sup>28</sup>	47799	VIC	370012A	47885	SPICE	719316
47702	VIC	3591	47748	VIC	800450	47800	VIC	370015A	47885	VIC	719316
4770251	SAAB	714436	47749	VIC	224570	47801	VIC	2055	47887	VIC	370012A
47703	VIC	370003A	4774B	JN-MN	417181 <sup>28,29</sup>	47802	VIC	370019A	47889	VIC	370019A
47703	VIC	380003A	47751	VIC	3774	47803	VIC	370005A	47890	VIC	370195A
47703D	IH	471765 <sup>28</sup>	47752	VIC	417555 <sup>28</sup>	47805	VIC	370021A	47891	VIC	370025A
47704	VIC	8609	47753	VIC	3772	47808	VIC	7866S	47891	VIC	380025A
47705	VIC	7568	47754	VIC	710167	47809	VIC	8549S	47891	VIC	386025A
477055	TIMKE	477055	47755	VIC	2443	4780B	JN-MN	417481	47892	VIC	710056
47706	VIC	417159	47756	VIC	415551	47810	VIC	416102	47894	VIC	483488
477069	TIMKE	477069	47757	VIC	417247 <sup>28</sup>	47812	VIC	335924N	47895	VIC	417210 <sup>28</sup>
47707	VIC	3677	47759	VIC	3907	47816	VIC	335924N	47896	VIC	471869
47707	VIC	41257 <sup>28</sup>	47760	VIC	3907	4781B	JN-MN	415867 <sup>29</sup>	47896	VIC	473459 <sup>28</sup>
47708	VIC	17X30X7 <sup>28</sup>	47761	SPICE	710482	478235R91	IH	415449 <sup>28</sup>	47897	VIC	710005
47708	VIC	221720	47761	VIC	2506	47831	HYST	415350	47898	VIC	3173
47709	VIC	494122	47763	VIC	224255	4783B	JN-MN	417481	47898	VIC	710928
47710	VIC	222540	47764	VIC	223010	4784B	JN-MN	415041 <sup>29</sup>	47899	VIC	5697
47711	VIC	710222	47765	VIC	710272	4784LPD	JN-MN	415041	4789SS	JN-MN	481073
47712	VIC	223608	47767	VIC	710154	47852	VIC	9128S	4790	C-R	12X35X7 <sup>28</sup>
47712	VIC	36X52X7 <sup>28</sup>	47768	VIC	45031S	478522R91	IH	470189	4790	SKF	12X35X7
47713	VIC	17X32X7 <sup>28</sup>	47769	VIC	415991 <sup>28</sup>	478522R91	IH	471692 <sup>28</sup>	47900	VIC	473677
47713	VIC	221730	47769	VIC	415991N	47853	VIC	415983	47904	VIC	3896
47714	VIC	224255	4776B	JN-MN	417605	47853	VIC	415983N <sup>28</sup>	47905	DANA	415035 <sup>28</sup>
47714	VIC	42X65X10 <sup>28</sup>	4777086	CHRY5	320249	47854	VIC	9773	47905	DANA	455035
47715	VIC	19X32X8	4777086	MOPAR	320249	47854SF	VIC	9773	47905	VIC	710022
47716	VIC	222820	47772	VIC	417554 <sup>28</sup>	47855	VIC	9344S	479061	WHITE	417506
477163N	TIMKE	477163N	47773	VIC	342517	47856	VIC	417499	47909	VIC	341022
47717	VIC	20X35X7 <sup>28</sup>	4777311	CHRY5	5279	47857	VIC	416043	4790B	JN-MN	416865 <sup>28,29</sup>
47718	VIC	222820	47774	VIC	8660S	4785B	JN-MN	416654 <sup>28</sup>	47912	VIC	473476
47719	VIC	471652	47775	VIC	3622	4785B	JN-MN	455012	47913	VIC	455956H
47719	VIC	482208 <sup>28</sup>	47776	VIC	710067	47860	DANA	710454	47914	VIC	222820
47723	VIC	474133	47777	VIC	5487	47860	SPICE	710454	47916	VIC	3747
47724	VIC	471231 <sup>28</sup>	47778	VIC	6872S	47860	TROS	350414	47917	VIC	224045
477241R91	IH	415449 <sup>28</sup>	47779	VIC	370005A	47860	TROS	472311 <sup>28</sup>	47918	VIC	3771
47726	VIC	3946	47780	VIC	2146	47860	VIC	7208S	4791B	JN-MN	415196 <sup>28</sup>
47728	VIC	35X50X8 <sup>28</sup>	4778126	JEEP	5111S	47860-2	DANA	710454	47920	VIC	4989
47728	VIC	3771	4778126AB	CHRY5	5111S	47860-2	SPICE	710454	47921	VIC	222020
47728	VIC	713771	4778126AB	JEEP	5111S	47864	VIC	325776	4792 317	CHRY5	3638
47730	VIC	224460	47782	VIC	223014	478650C1	IH	100494	4792317AB	CHRY5	3638
4773237	CHRY5	4525V	4778228	AMC	5414	478650C1	IH	416470N	4792317AB	MOPAR	3638
4773237AB	CHRY5	4525V	4778228	CHRY5	5414	47866	VIC	416557	4792318	CHRY5	321417N
4773327	CHRY5	4525V	4778228	MOPAR	5414	47867	VIC	416556 <sup>28</sup>	4792 318AB	CHRY5	321417N
47734	VIC	224465	47783	VIC	710043	47867	VIC	472157	4792318AB	MOPAR	321417N
47738	VIC	223018	47784	VIC	710274	47868	VIC	39723	47925	VIC	412015V
47739	VIC	225010	47787	SPICE	2146	4786OS	JN-MN	415294 <sup>28</sup>	47928	VIC	710060
47739	VIC	50X65X8 <sup>28</sup>	47788	VIC	416888 <sup>28</sup>	4786OS	JN-MN	455294	47929	VIC	3655
			47789	VIC	5460	47870	VIC	455251H	47930	SPICE	4040N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
47932	VIC	417539 <sup>28</sup>	47985	VIC	455479	48011	VIC	710058	480261	C-R	418027
47934	VIC	470380 <sup>28</sup>	47988	VIC	4148	48012	VIC	3638	480261	SKF	418027
47934	VIC	472189A	47989	VIC	470672	480125	C-R	471766	480262	C-R	9773
47937	VIC	471424 <sup>28</sup>	47990	VIC	710062	480125	SKF	471766	480262	SKF	9773
4793SS	JN-MN	471538 <sup>28</sup>	47991	VIC	710403	48014	VIC	1973	48027	VIC	710213
47940	VIC	4160	47992	VIC	100263	480148	C-R	7692S	480273	C-R	475322N
47941	VIC	3909	47992	VIC	3905	480148	SKF	7692S	480273	SKF	475322N
47942	VIC	3942	47993	VIC	223420	480149	C-R	340136	480274	C-R	417316
47944	VIC	200886	47994	VIC	1987	480149	SKF	340136	480274	SKF	417316
47945	VIC	224205	47995	VIC	471950	48015	VIC	480581	480275	C-R	415009N
47946	VIC	200881	47997	VIC	710167	480150	C-R	9613S	480275	SKF	415009N
47947	VIC	200392	4799B	JN-MN	415034 <sup>28</sup>	480150	SKF	9613S	480278	C-R	416282
47948	VIC	6936S	4799B	JN-MN	455034	480151	C-R	51098	480278	SKF	416282
47949	VIC	415563	479F	OSHKO	415001 <sup>28</sup>	480151	SKF	51098	480281	NATL	7013S
47949	VIC	417433 <sup>28,29</sup>	479F	OSHKO	455001	480152	C-R	470380	480281	TIMKE	480281
4794B	JN-MN	455018	47X62X8SB	TRSCM	1949	480152	SKF	470380	48028S	TROS	442109
4794B	JN-MN	476470	47X62X8SC	TRSCM	47X62X8 <sup>28</sup>	48016	VIC	224570	48029	VIC	223800
47950	VIC	714436	47X62X8TC	TRSCM	47X62X8 <sup>28</sup>	480168	C-R	7300S	480293	C-R	35949N
47952	VIC	710164	47X65X8SC	TRSCM	47X65X8	480168	SKF	7300S	480293	C-R	4563V
47954	DANA	41461S	47X65X8TC	TRSCM	47X65X8	48017	VIC	224255	480293	SKF	35949N
47954	VIC	41461S	47X70X10SC	TRSCM	47X70X10	480173	C-R	473237	480293	SKF	4563V
47955	VIC	710046	47X70X10TC	TRSCM	47X70X10	480173	SKF	473237	480294	C-R	475012N
47956	VIC	3553	48000	C-R	370005A	480176	C-R	204038	480294	SKF	475012N
47958	VIC	8610	48000	C-R	370173A	480176	SKF	204038	480299	C-R	417349
47959	VIC	223255	48000	SKF	370005A	480177	C-R	5000	480299	SKF	417349
4795B	JN-MN	415001 <sup>28</sup>	48000	SKF	370173A	480177	C-R	88176	48029-92G00	NISSA	221820
4795B	JN-MN	455001	48001	C-R	370005A	480177	C-R	9845	48029-H5000	NISSA	221720
4795V	TIMKE	4795V	48001	SKF	370005A	48018	VIC	4244	48029-W0501	NISSA	221730
47960	VIC	5698	48002	C-R	370003A	480184	C-R	332062	4802B	JN-MN	415551
47961	VIC	3667	48002	C-R	370005A	480184	SKF	332062	480300	C-R	415013N
47962	VIC	222835	48002	C-R	370169A	480185	C-R	2692	480300	SKF	415013N
4796492	CHRYS	417158 <sup>28</sup>	48002	C-R	370173A	480185	SKF	2692	480303	C-R	415086N
47965	VIC	240385	48002	SKF	370003A	480186	C-R	2692	480303	SKF	415086N
47968	VIC	39723	48002	SKF	370005A	480186	SKF	2692	48032	VIC	4249
4796B	JN-MN	415036	48002	SKF	370169A	480187	C-R	6712NA	480325	C-R	416470N
47971	VIC	8316	48002	SKF	370173A	480187	SKF	6712NA	480325	SKF	416470N
47972	VIC	4099	48002	VIC	200752	48019	VIC	200854	48033	VIC	2260
4797334	CHRYS	3459	48003	VIC	200885	480198	C-R	331107N	48034	VIC	200861
47974	VIC	6815	48004	VIC	200887	480198	SKF	331107N	48035	VIC	451817
47976	VIC	455005	48005	VIC	455134 <sup>28</sup>	4801B	JN-MN	456105	480350	C-R	415991N
47980	VIC	203005 <sup>28</sup>	480050	C-R	8792S	48020	VIC	200861	480350	SKF	415991N
47980	VIC	204005	480050	SKF	8792S	48021	VIC	200133	480356	TIMKE	480356
4798033	CHRYS	3173	480055	NATL	473215	480210	NATL	9376	480356V	NATL	473135V
4798033	CHRYS	710928	480055	TIMKE	473215	480210	TIMKE	480210	48036	ALLCH	471647
47981	VIC	472635	48006	VIC	2007N	480219	C-R	3103	48036	VIC	471808 <sup>28</sup>
4798112	CHRYS	710046	48007	VIC	223543 <sup>28</sup>	480219	SKF	3103	48037	VIC	470163
4798112	JEEP	710046	4800724AA	CHRYS	710655	48022	VIC	225875	48038	VIC	48X90X10
4798112	MOPAR	710046	4800724AA	JEEP	710655	48023	VIC	2942	48039	VIC	314259 <sup>28</sup>
4798117	JEEP	710663	48008	VIC	320583	480233	C-R	3945	48040-82100	NISSA	710051
4798117	MOPAR	710663	48009	VIC	223605	480233	SKF	3945	48041	VIC	5645
4798125	CHRYS	3946	480097	C-R	240731	48023D	IH	473421	48044	VIC	3459
4798125	JEEP	3946	480097	SKF	240731	48024	VIC	223608	48045	VIC	313156
4798125	MOPAR	3946	480098	C-R	470120	48024	VIC	36X52X7 <sup>28</sup>	480450	C-R	455200
47982	VIC	8312	480098	SKF	470120	480249	C-R	415449	480450	SKF	455200
4798216	CHRYS	5106	480099	C-R	471224	480249	SKF	415449	48046	C-R	712449
4798216AB	CHRYS	5106	480099	SKF	471224	480250	C-R	471271	48046	SKF	712449
4798216AC	CHRYS	5106	4800B	JN-MN	417273	480250	SKF	471271	480479	NATL	480479H
4798216AC	MOPAR	5106	48010	VIC	224100	48026	VIC	471845N	480479H	CONSL	480479H
47983	VIC	370150A	48010	VIC	40X65X10	480260	C-R	475003N	480479H	TIMKE	480479H
47984	VIC	710065	<sup>28</sup>			480260	SKF	475003N	48049	VIC	710365

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
480491	TIMKE	480491	48091	VIC	380023A	48132	VIC	4503N	48145	VIC	370182A
48050	VIC	3894V	48092	VIC	370106A	48133	VIC	714503	48145	VIC	380048A
4805071	CHRYS	320348	48093	VIC	370021A	48135	VIC	4141	48146	VIC	370033A
4805071	OPEL	320348	48094	VIC	370037A	48135A	RELEE	417343 <sup>28</sup>	48147	VIC	370008A
480570	TIMKE	480570	48094	VIC	370338A	48135AD	RELEE	417366 <sup>28</sup>	48148	VIC	370006A
480574H	TIMKE	480574H	48095	VIC	370022A	48135B	RELEE	450260	481481	TIMKE	481481
480581	TIMKE	480581	48095	VIC	380022A	48135D	RELEE	473438	48149	VIC	370009A
48061	VIC	3638	480954	TIMKE	480954	48135E	RELEE	470163	48149	VIC	380009A
48063	VIC	225020	480954V	TIMKE	480954V	48135E	RELEE	471766 <sup>28</sup>	48152	VIC	480570
480630	NATL	470451	48096	VIC	370047A	48135F	RELEE	415458 <sup>28</sup>	481528	TIMKE	481528
480630	NATL	480991	48097	VIC	370131A	48135F	RELEE	455003	48153	VIC	470460
480630	TIMKE	480630	48097	VIC	380131A	48135G	RELEE	450083	481537	TIMKE	481537
48064	VIC	229005	48098	VIC	370031A	48135G	RELEE	472924 <sup>28</sup>	48154	VIC	415023
48065	C-R	455251H	48098	VIC	380031A	48135H	RELEE	413469 <sup>28</sup>	48155	VIC	417073
48065	SKF	455251H	480988H	TIMKE	480988H	48135J	RELEE	412943	48156	VIC	417171 <sup>28</sup>
48065SF	VIC	4795V	480988HC2	CATER	480988H	48135K	RELEE	473213 <sup>28</sup>	481568	TIMKE	481568
48067	VIC	39703	48099	VIC	370069A	48135L	RELEE	415001 <sup>28</sup>	48157	VIC	473451 <sup>28</sup>
48067	VIC	39813	48099	VIC	380069A	48135L	RELEE	455001	481577	AM HO	417357
48068	VIC	39807	480991	TIMKE	480991	48135M	RELEE	415960 <sup>28</sup>	481577	AM HO	455192 <sup>28</sup>
48069	VIC	710162	48101	MERIX	350954	48135M	RELEE	455009	48158	VIC	455144
48070	VIC	370065A	48101	MERIX	470954 <sup>28</sup>	48135N	RELEE	411394 <sup>28</sup>	48159	VIC	416156
48070	VIC	380065A	48101	ROCKW	350954	48135N	RELEE	450317	4815B	JN-MN	415001 <sup>28</sup>
48071	VIC	370036A	48101	ROCKW	470954 <sup>28</sup>	48135P	RELEE	450070	4815B	JN-MN	455001
48071	VIC	370349A	48103	VIC	4278	48135P	RELEE	472185 <sup>28</sup>	48160	VIC	7568
48071	VIC	380036A	481073	TIMKE	481073	48135S	RELEE	412119 <sup>28</sup>	48161	VIC	710105
48072	VIC	370037A	481076	NATL	471076	48135S	RELEE	450101	48162	TROS	416664 <sup>28</sup>
48072	VIC	370338A	48108	VIC	223750	48135T	RELEE	417073	48163	VIC	4762N
48075	VIC	370005A	4810SH	JN-MN	240119 <sup>29</sup>	48135U	RELEE	415988	48164	VIC	39703
48076	VIC	370021A	4810SS	JN-MN	471442 <sup>28,29</sup>	48135V	RELEE	450117	481644	TIMKE	481644
48077	VIC	370025A	48110	DANA	710096	48135V	RELEE	472572 <sup>28</sup>	481650	TIMKE	481650
48077	VIC	380025A	48110	VIC	710096	48136	VIC	5133	48166	VIC	4359V
48077	VIC	386025A	481100SSR	BRWNG	471652	48136X	RELEE	455018	48167	VIC	4189H
48077354	GE	471255 <sup>28</sup>	481100SSR	BRWNG	482208 <sup>28</sup>	48136X	RELEE	476470	4816B	JN-MN	415437 <sup>29</sup>
48078	VIC	370001A	48112	VIC	473814	48137	VIC	487945	4817346	OPEL	710855
48078	VIC	380001A	481134	NATL	471787 <sup>28</sup>	48137-01G00	NISSA	710051	48176	VIC	320259
4807837	OPEL	710237	481150	NATL	473231 <sup>28</sup>	48137-26760	NISSA	222540	48177	VIC	340835
48080	WAUKE	417171 <sup>28</sup>	481163	NATL	481163 <sup>28</sup>	48137-36700	NISSA	222540	48178	VIC	442109
480821	NATL	474131	481163	NATL	6759S	48137-92G00	NISSA	223400	48179	VIC	472258 <sup>28</sup>
480821	NATL	7013S	481163	TIMKE	481163	48137-H1000	NISSA	222535	481792	TIMKE	481792
480821	TIMKE	480821	481181	NATL	481181N	48137-H1001	NISSA	222535	48180	VIC	710388
48084	VIC	370023A	481181	TIMKE	481181	48137-H1002	NISSA	222535	48181	VIC	223012
48084	VIC	380023A	481181N	TIMKE	481181N	48138	VIC	416706 <sup>28</sup>	48182	VIC	7412S
480844	TIMKE	480844	481190A	FORD	5796	481384	NATL	480581	4818276	OPEL	225010
48085	VIC	370003A	481190A1	FORD	5796	48139	VIC	710179	48183	VIC	710389
48085	VIC	380003A	481190A2	FORD	5796	481397	BRWNG	481397	481834	TIMKE	481834
48086	VIC	370025A	481191V	TIMKE	481191V	481397	TIMKE	481397	481837	TIMKE	481837
48086	VIC	380025A	481195	TIMKE	481195	4813V	TIMKE	4813V	48184	VIC	7692S
48086	VIC	386025A	48120	TROS	7780N	48140	VIC	224255	481847R91	IH	203006 <sup>28</sup>
480867	NATL	470898	481213	NATL	470328	48141	VIC	710106	481859	TIMKE	481859
48087	VIC	370065A	481213	TIMKE	481213	481410	AM HO	417546 <sup>28</sup>	481859SSR	BRWNG	481859
48087	VIC	380065A	481224V	TIMKE	481224V	481413	NATL	471413 <sup>28</sup>	48186	VIC	471645
48088	VIC	370036A	48125-01E00	NISSA	221720	481420	AM HO	416107 <sup>28</sup>	481864	TIMKE	481864
48088	VIC	370349A	48125-50A00	NISSA	221540	481420	AM HO	455073	48187	VIC	204013
48088	VIC	380036A	48127	VIC	6636S	48143	VIC	710101	48189	VIC	473215 <sup>28</sup>
480889	TIMKE	480889	481272	NATL	471272 <sup>28</sup>	48144	VIC	4525V	48191	VIC	473242
48089	VIC	370003A	481279	NATL	472213	481443	NATL	471443	48192	VIC	473458 <sup>28</sup>
48089	VIC	380003A	4812899	OPEL	224200	481443	TIMKE	481443	48194	VIC	473517 <sup>28</sup>
48090	VIC	370001A	48129	VIC	3945	481446	AM HO	412871 <sup>28</sup>	48195	VIC	253099 <sup>28</sup>
48090	VIC	380001A	48130	VIC	710091	481446	AM HO	450329	48196	VIC	472287 <sup>28</sup>
48091	VIC	370023A	48131	VIC	470547	48145	VIC	370048A	48198	VIC	474256 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
48199	VIC	473205 <sup>28</sup>	48243	VIC	710182	48313	VIC	471424 <sup>28</sup>	484064V	TIMKE	484064V
481992	TIMKE	481992	482435	NATL	5397	48315	VIC	713103	4840LA	JN-MN	417082 <sup>29</sup>
4819989	ALLCH	472636 <sup>28</sup>	48245	VIC	710228	48316	VIC	710304	484156V	TIMKE	484156V
4819990	ALLCH	416556 <sup>28</sup>	48246	VIC	710199	48317	VIC	9150S	4842LA	JN-MN	470219
4819990	ALLCH	472157	48248	VIC	223253	48320	VIC	15X26X7	4842LA	JN-MN	471649 <sup>28</sup>
4819991	ALLCH	J1130	4824B	JN-MN	416888 <sup>28</sup>	48322	VIC	482041N	4843	SKIL	471231 <sup>28</sup>
48200	VIC	481792	4824B	JN-MN	455200	483230V	TIMKE	483230V	484.300	ELRNG	711028
48201	VIC	50151S	48251	VIC	223831	483238V	TIMKE	483238V	48460	TROS	472258 <sup>28</sup>
482015	NATL	472015 <sup>28</sup>	48253	VIC	4904	483246N	TIMKE	483246N	48464	TROS	450043
48202	VIC	471570 <sup>28</sup>	48254	VIC	1981	483246N	WMG	413246N	48464	TROS	473419
48203	VIC	473380	48255	VIC	3622	48326	VIC	470059	484766R91	IH	204008
48204	VIC	471633 <sup>28</sup>	48256	VIC	710103	48327	VIC	370051A	48498D	IH	416444
482041N	TIMKE	482041N	482576N	TIMKE	482576N	48328	VIC	370063A	4850132	ALLCH	415645 <sup>28</sup>
48205S	TROS	41461S	48258	VIC	710146	48329	VIC	370078A	4850132	ALLCH	455104
48206	VIC	450070	48259	VIC	225230	48330	VIC	370094A	48504	TROS	416273 <sup>28</sup>
482069N	TIMKE	482069N	4825LUP	JN-MN	476842	48331	VIC	370119A	4850LA	JN-MN	473016 <sup>28</sup>
48208	VIC	444042 <sup>28</sup>	48260	VIC	225450	48332	VIC	370199A	4850LPD	JN-MN	473016 <sup>28</sup>
48210	VIC	471808 <sup>28</sup>	48262	VIC	710241	48333	VIC	370211A	4851	DIVCO	416738 <sup>28</sup>
48211	VIC	471137	48266	VIC	4532N	48335	VIC	370219A	4851	DIVCO	450096
48212	VIC	710204	48267	VIC	370022A	48336	SPICE	370220A	48513D	IH	473215 <sup>28</sup>
482125	NATL	6835S	48267	VIC	380022A	48336	VIC	370220A	48518D	IH	410101N
482126	TIMKE	482126	48269	VIC	800550	483367V	TIMKE	483367V	48519	TROS	416339
48213	VIC	3946	48269	VIC	800551	48340	TROS	450776 <sup>28</sup>	48519	TROS	455031 <sup>28</sup>
482163	TIMKE	482163	4826B	JN-MN	450301	48341	VIC	415483	485195H	TIMKE	485195H
482163N	NATL	482163	4826B	JN-MN	472397 <sup>28</sup>	48342	AMC	8160S	48519D	IH	473228 <sup>28</sup>
482163N	TIMKE	482163N	48271	VIC	3896	48343	AMC	471141 <sup>28</sup>	4852214	ALLCH	415437
482164N	TIMKE	482164N	48272	VIC	4739	48343	VIC	15X32X8	485259	LF-PT	415259 <sup>28</sup>
48217	VIC	4333N	48273	VIC	4857	483459H	TIMKE	483459H	485306R1	IH	471643 <sup>28</sup>
48218	VIC	4370N	48274	VIC	224570	4834772	ALLCH	455151	485364N	TIMKE	485364N
4821B	JN-MN	455121	48276	VIC	710285	483481	NATL	471766 <sup>28</sup>	48539D	IH	200600
48220	VIC	240462	48277SF	VIC	9845	483488	TIMKE	483488	48549	HYST	471192
482208	TIMKE	482208	48278	VIC	370019A	4834LA	JN-MN	470059	485497	TIMKE	485497
48221	VIC	340817	4827B	JN-MN	473446 <sup>29</sup>	4834LA	JN-MN	470380 <sup>28</sup>	4855456	FORD	482041N
48222	VIC	340853	48281	VIC	710414	48351	VIC	415449 <sup>28</sup>	4856336	AMC	4857
482230N	TIMKE	482230N	48282	VIC	710413	48352	VIC	710268	4856336	CHRYSLER	4857
48224	VIC	415034 <sup>28</sup>	48284	VIC	370024A	48353	VIC	417987N	4856336	JEEP	4857
48225	DANA	719316	48285	VIC	224010	48354	VIC	710275	4856336	MOPAR	4857
48225	SPICE	719316	48286	VIC	223520 <sup>28</sup>	48355	VIC	455031 <sup>28</sup>	4856LA	JN-MN	471750 <sup>28</sup>
48225	VIC	415302	48287	VIC	2081	48356	VIC	415991	4857	TIMKE	4857
482253	TIMKE	482253	48292	DANA	710452	48358	VIC	412861	485921N	NATL	413246N
48226	VIC	450341	48292	SPICE	710452	483591	FORD	472560N <sup>28</sup>	485921N	NATL	483246N
482267	TIMKE	482267	48292	VIC	9316	483591	FORD	50151S	48600	VIC	350364
48227	VIC	450362	48297	C-R	370027A	48361	VIC	710279	48605SA	TRSCM	455091
48229	VIC	471612	48297	SKF	370027A	48362	VIC	711553	48606	VIC	6863S <sup>28</sup>
48230	VIC	471736	48298	C-R	370004A	48363	VIC	710171	48607	VIC	6863S <sup>28</sup>
482309	TIMKE	482309	48298	SKF	370004A	48365	VIC	473336	48609	VIC	320457
48231	VIC	471887	48299	C-R	370027A	48373	VIC	324204	4860SCR	NATL	8312
482310	TIMKE	482310	48299	C-R	370195A	483793	TIMKE	483793	48610	VIC	470004 <sup>28</sup>
48233	VIC	472954	48299	SKF	370027A	4837B	JN-MN	455136	48612	VIC	320457
48234	VIC	473225 <sup>28</sup>	48299	SKF	370195A	4838	HYST	415035 <sup>28</sup>	48613	VIC	471526 <sup>28</sup>
48235	VIC	473233 <sup>28</sup>	483	KRSE	411376 <sup>28</sup>	4838	HYST	455035	48615	VIC	471472 <sup>28</sup>
48236	VIC	473450 <sup>28</sup>	48300	VIC	2457	48382	VIC	9845	48615TA	TRSCM	417267
48237	VIC	473455 <sup>28</sup>	48302	VIC	473442 <sup>28</sup>	48383	VIC	39803	48617	VIC	471549 <sup>28</sup>
48238	VIC	473474	48304	VIC	482163N	48384	VIC	710473	48618	VIC	471442 <sup>28</sup>
48239	VIC	474261	48305	VIC	4528N	483856	ALLCH	415577	48619	VIC	471530
482393R1	IH	240735	483054N	TIMKE	483054N	4838563	ALLCH	415577	4862	MERIX	410496 <sup>28</sup>
482401	NATL	471419	48307	VIC	714679	4838B	JN-MN	473450	4862	ROCKW	410496 <sup>28</sup>
482401	NATL	473367	48308	VIC	714598	48392	VIC	320249	486208XX	TIMKE	48X62X8
482415	TIMKE	482415	48311	WAUKE	471570 <sup>28</sup>	484054	TIMKE	484054	48620S	TROS	474276 <sup>28</sup>
48242	VIC	710136	48312	VIC	224250	484058	TIMKE	484058	48622	VIC	472705 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
48623	VIC	471535 <sup>28</sup>	48676	VIC	471272 <sup>28</sup>	48731	TROS	474274	48777	VIC	471391 <sup>28</sup>
48624	VIC	471551 <sup>28</sup>	48677	VIC	471651	487324	GR-DV	417205 <sup>28</sup>	48779	VIC	450389
48625	VIC	471532	48678	VIC	471705 <sup>28</sup>	487324	HYST	417205 <sup>28</sup>	48779	VIC	472492 <sup>28</sup>
48625TA	TRSCM	417269 <sup>28</sup>	48679	VIC	471735	487328	GR-DV	417211 <sup>28</sup>	48781	VIC	473242
48626	VIC	473405	4867B	JN-MN	417507 <sup>28</sup>	48733	TROS	416345 <sup>28</sup>	48783	VIC	450311
48627	VIC	471558	4867B	JN-MN	455513	48733	TROS	455033	48785	VIC	473471
48628	VIC	481073	4867D5	DIA	415086N	48733	VIC	472299	48786	VIC	410520
48629	VIC	471538 <sup>28</sup>	4867D5	DIA	417487 <sup>28</sup>	48734	VIC	472299	48786	VIC	471272 <sup>28</sup>
4862LA	JN-MN	450494	48680	VIC	450342	48736	VIC	482253	48787	VIC	455136
4862LA	JN-MN	472164 <sup>28</sup>	48681	VIC	471762 <sup>28</sup>	48737	VIC	451469	48788	VIC	415234 <sup>28</sup>
48630	VIC	471579	48682	VIC	471762 <sup>28</sup>	48738	TROS	471570 <sup>28</sup>	48789	AM WH	472439
48632	VIC	350679	48683	VIC	450044	48738	VIC	450194	48789	VIC	55337
48632	VIC	350954	486857	TIMKE	486857	48738	VIC	473010	4879	HEIL	415449 <sup>28</sup>
48634	VIC	480821 <sup>28</sup>	48686	VIC	450159	48739	VIC	474274	4879	HEIL	455147
48636	VIC	471498	48687	VIC	350974 <sup>28</sup>	48739TV	TIMKE	48739TV	4879	STN-S	415449 <sup>28</sup>
48637	VIC	471684 <sup>28</sup>	48688	VIC	470712 <sup>28</sup>	4873LA	JN-MN	417570	4879	STN-S	455147
48637	VIC	471698	48689	VIC	471747 <sup>28</sup>	4873LUP	JN-MN	417570	48790	AM WH	470088
48639	VIC	481443 <sup>28</sup>	48689	VIC	472674	4874	GR-DV	415187	48790	VIC	411394 <sup>28</sup>
4863LA	JN-MN	450291	4868B	JN-MN	450316	4874	HU-WR	415187	48790	VIC	450317
4863LA	JN-MN	471141 <sup>28</sup>	4868B	JN-MN	472636 <sup>28</sup>	48741	VIC	450260	487908	GMC	332062
48640	VIC	481568 <sup>28</sup>	48690	C-R	370195A	48743	VIC	450073	48791	VIC	411394 <sup>28</sup>
48640S	TROS	415449 <sup>28</sup>	48690	SKF	370195A	4874477	JEEP	710068	48791	VIC	450317
48641	VIC	471337	48690	VIC	471785 <sup>28</sup>	4874477	MOPAR	710068	48792	C-R	370007A
48642	VIC	474273	48691	C-R	370057A	48746	VIC	473446	48792	C-R	370057A
48643	VIC	471645	48691	C-R	370195A	4874694	FORD	710709	48792	SKF	370007A
48644	VIC	471686	48691	SKF	370057A	48747	VIC	470086	48792	SKF	370057A
48645	VIC	473412	48691	SKF	370195A	48748	VIC	450068	48792	VIC	416444
48646	VIC	473413	48691	VIC	473428	4874G	CLARK	415187	48793	VIC	416271 <sup>28</sup>
48647	VIC	473414	4869-10-602	MAZDA	8316	4874N	TIMKE	4874N	48794	C-R	370007A
4864784	CHRYSLER	710691	48692	VIC	450161	48750	VIC	50081	48794	C-R	370057A
4864784	JEEP	710691	48692	VIC	471764 <sup>28</sup>	48751	VIC	450400	48794	SKF	370007A
48649	VIC	473415	48693	C-R	416167 <sup>28,29</sup>	48752	VIC	451147H	48794	SKF	370057A
4864LA	JN-MN	455583N <sup>28</sup>	48693	SKF	416167	48753	VIC	450291	48794	VIC	470605 <sup>28</sup>
4864LUP	JN-MN	455583N <sup>28</sup>	4869546	GE	481073	48753	VIC	471141 <sup>28</sup>	487945	TIMKE	487945
48650	VIC	470567	48696	VIC	473205	48754	VIC	473313	48795	VIC	417079
48650	VIC	471267 <sup>28</sup>	48697	VIC	470347	48755	VIC	50266	48796	C-R	370005A
48651	VIC	471633 <sup>28</sup>	48697	VIC	474254 <sup>28,29</sup>	48756	VIC	450269	48796	C-R	370057A
48652	VIC	470590	48698	VIC	450173	48757	VIC	450285	48796	SKF	370005A
48653	VIC	471137	48699	TROS	473239 <sup>28</sup>	48759	VIC	450089	48796	SKF	370057A
48654	VIC	471730	487009XX	TIMKE	48X70X9	48760	VIC	472070	48796	VIC	417343 <sup>28</sup>
48654S	TROS	417344 <sup>28</sup>	48702	VIC	471787 <sup>28</sup>	48761	VIC	450118	48798	VIC	455005
48654S	TROS	455006	48703	VIC	450177	48761	VIC	473449 <sup>28</sup>	48799	VIC	417134
48655	VIC	471730	48704	VIC	470050	48763	VIC	450090	48800	VIC	417486
48657	VIC	470219	48705	VIC	473424 <sup>28</sup>	48763S	TROS	485195H	48801	VIC	415995 <sup>28</sup>
48657	VIC	471649 <sup>28</sup>	4870SCR	NATL	710091	48764	VIC	473451 <sup>28</sup>	48801	VIC	455013
48659	VIC	450038	48710	VIC	473421	48766	VIC	470331N	48802	VIC	417351 <sup>28</sup>
48660	VIC	471571	48711	VIC	473212 <sup>28</sup>	48766	VIC	714675	48802	VIC	455154
48661	VIC	471647	48713	VIC	473436	48767	VIC	473453	48803	VIC	417488 <sup>28</sup>
48662	VIC	472951	48715	VIC	450054	48768	C-R	417269 <sup>28</sup>	48804	VIC	415088 <sup>28</sup>
48662	VIC	474252	48716	VIC	470774 <sup>28</sup>	48768	SKF	417269	48804	VIC	455088
48664	VIC	451583 <sup>28</sup>	487207XX	TIMKE	48X72X7	48769	C-R	417269 <sup>28,29</sup>	48806	VIC	455015
48665	VIC	471648	48722	VIC	473016 <sup>28</sup>	48769	SKF	417269	48808	VIC	417490
48666	VIC	471688	48724	VIC	470062	48769	VIC	471868	48809	VIC	416292
48667	VIC	350414	48724	VIC	474264	4876N	TIMKE	4876N	4880LA	JN-MN	471255 <sup>28</sup>
48667	VIC	472311 <sup>28</sup>	48726	C-R	417267	48771	VIC	473240 <sup>28</sup>	4880LUP	JN-MN	471255 <sup>28</sup>
48668	VIC	471733	48726	SKF	417267	48772	VIC	410524	48810	VIC	417491
48669	VIC	471744 <sup>28</sup>	48726	VIC	473439 <sup>28</sup>	48773	SPICE	710492	48811	VIC	415085 <sup>28</sup>
4866B	JN-MN	472029 <sup>29</sup>	48727	VIC	470548	48776	VIC	473461 <sup>28</sup>	48811	VIC	456648
48671	VIC	481650	48727	VIC	470625 <sup>28,29</sup>	48776D	IH	417316 <sup>28</sup>	48812	VIC	417191
48676	VIC	410520	48730	TROS	471763	48776D	IH	455004	48812	VIC	455165 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
48813	VIC	55419	48882	C-R	370005A	48924	VIC	417269 <sup>2B</sup>	49	UNIVE	474277
48814	VIC	240435	48882	C-R	370121A	48925	VIC	417539 <sup>2B</sup>	49001	VIC	5070
48816	VIC	240435	48882	SKF	370005A	48926	VIC	417273	4901	TIMKE	4901
48817	VIC	340385	48882	SKF	370121A	48927	VIC	415645 <sup>2B</sup>	49011	VIC	473450 <sup>2B</sup>
48819	VIC	340771	48883	C-R	7866S	48927	VIC	455104	4901LA	JN-MN	455509
4881A	HERCU	450316	48883	SKF	7866S	48929	VIC	417556	4902	KELSE	200354
4881A	HERCU	472636 <sup>2B</sup>	48883	VIC	415142	48931	VIC	417562	49022	TROS	5M81
4881LA	JN-MN	417551	48884	C-R	370057A	48932	VIC	417563	49023110	WHITE	370023A
48821	VIC	41264S	48884	C-R	370121A	48933	VIC	417298	49023110	WHITE	380023A
48824	VIC	40208	48884	SKF	370057A	48934	VIC	417596	49024	VIC	416738 <sup>2B</sup>
48825	VIC	340120	48884	SKF	370121A	48935	VIC	455584	49025	VIC	450066
48827	VIC	340151	48884	VIC	417512	48935K	IH	50081	49025	VIC	473367 <sup>2B</sup>
48829	VIC	43076S	48885	VIC	455203	48936	VIC	416077	49026	VIC	415007
48830	VIC	40652S	48886	C-R	370003A	48937	VIC	415116	49027	VIC	416921 <sup>2B</sup>
48832	VIC	471192	48886	C-R	370057A	48938	VIC	455117	49027	VIC	455011
48836	VIC	40568S	48886	C-R	380003A	48939	VIC	415551	49029	TROS	5M89
48837	VIC	470543	48886	SKF	370003A	48940	VIC	417598	49029	VIC	450044
48837	VIC	474272 <sup>2B,29</sup>	48886	SKF	370057A	48941	VIC	455406 <sup>2B</sup>	4902LA	JN-MN	417546 <sup>2B</sup>
4883964AA	CHRY	800550	48886	SKF	380003A	48942	VIC	455121	4902LUP	JN-MN	417546 <sup>2B</sup>
4883964AA	JEEP	800550	48886	VIC	455056	48943	VIC	417602 <sup>2B</sup>	49035	VIC	450298
4883964AA	MOPAR	800550	48887	VIC	455194	48944	VIC	455123	49035	VIC	473239
4883966AA	CHRY	714675	48888	HYST	330385 <sup>2B</sup>	48946	VIC	417604	49038204	WHITE	370030A
4883966AA	JEEP	714675	48888	VIC	417513	48947	VIC	417567	49039	VIC	7600S
4883B	JN-MN	413478 <sup>29</sup>	48889	VIC	417514	48948	VIC	415128	4904	TIMKE	4904
48841	VIC	412920 <sup>2B</sup>	4889	TIMKE	4889	48949	VIC	415090	49041	VIC	471750 <sup>2B</sup>
48841	VIC	450132	48890	VIC	417515	48951	VIC	415219	49042	CATER	470590
4884B	JN-MN	473461 <sup>2B</sup>	48891	VIC	472157	48953	VIC	417606	49042	VIC	471354 <sup>2B</sup>
48850	VIC	455019 <sup>2B</sup>	48891	VIC	485195H	48954D	IH	472287 <sup>2B</sup>	49050	C-R	370003A
48851	VIC	470165	48892	VIC	415196 <sup>2B</sup>	48956D	IH	471649 <sup>2B</sup>	49050	C-R	370028A
48852	VIC	455024	48893	VIC	416891 <sup>2B</sup>	48957	VIC	417020	49050	C-R	380003A
48853	VIC	417354 <sup>2B</sup>	48894	VIC	415045 <sup>2B</sup>	48958	VIC	417570	49050	SKF	370003A
48854	VIC	417493	48895	VIC	416137	48959	VIC	415227 <sup>2B</sup>	49050	SKF	370028A
48855	VIC	455026	48896	VIC	455197N	48961	VIC	415482	49050	SKF	380003A
48856	VIC	415711	48897	VIC	417520	48962	VIC	415076	490576C92	IH	370124A
48857	VIC	417497	48898	VIC	455026	48963	VIC	417608	490577C92	IH	370131A
48858	VIC	417498	48899	VIC	417238	48967	VIC	450361	490577C92	NAVST	380131A
48859	VIC	417498	4890	MID	240735	48967	VIC	470361	49061	VIC	470380 <sup>2B</sup>
4885B	JN-MN	473313	4890	TIMKE	4890	48967	VIC	472193 <sup>2B,29</sup>	49070	TROS	5M289
48860	VIC	415937 <sup>2B</sup>	489010XX	TIMKE	48X90X10	48968	VIC	340385	49071	TROS	5M293
48861	VIC	417501	48903	VIC	415047	4896902	ALLCH	411376 <sup>2B</sup>	49071	VIC	40337S
48863	VIC	55030	48904	VIC	416149	48971	VIC	415064	4907118	ALLCH	416297
48864	VIC	415379 <sup>2B</sup>	48905	VIC	415060	4897297AA	CHRY	713103	49075	VIC	8160S
48864	VIC	455379	48907	VIC	417525	4897298AA	CHRY	710691	49081	VIC	473471
48865	VIC	417205 <sup>2B</sup>	48908	VIC	417526	4897298AA	JEEP	710691	49086	VIC	470954 <sup>2B</sup>
48866	VIC	415150 <sup>2B</sup>	48909	VIC	415351 <sup>2B</sup>	4897298AA	MOPAR	710691	49089	VIC	411253 <sup>2B</sup>
48868	VIC	417504	48910	VIC	416153 <sup>2B</sup>	4898	TIMKE	4898	49089	VIC	450099
48869	VIC	455032 <sup>2B</sup>	48911	VIC	416154 <sup>2B</sup>	4899	TIMKE	4899	4909	C-R	342805
48870	C-R	370005A	48913	VIC	417533	48X62X8	NATL	1188	4909	SKF	342805
48870	SKF	370005A	48914	VIC	417534	48X62X8	TIMKE	48X62X8	49092	VIC	481864
48870	VIC	417210 <sup>2B</sup>	48915	VIC	457585	48X62X8SB	TRSCM	1188	49094	TROS	5M403
48871	VIC	417366 <sup>2B</sup>	48916	VIC	416158	48X62X8SC	TRSCM	48X62X8 <sup>2B</sup>	49098	VIC	450593 <sup>2B</sup>
48872	VIC	455186	48917	VIC	415064	48X62X8TC	TRSCM	48X62X8 <sup>2B</sup>	49099	VIC	450084 <sup>2B</sup>
48873	VIC	455191	48918	NEWPR	710598	48X70X9	TIMKE	48X70X9	49101	VIC	414045 <sup>2B</sup>
48874	VIC	417357	48918	VIC	417535	48X70X9SC	TRSCM	48X70X9 <sup>2B</sup>	49106	VIC	472394
48874	VIC	455192 <sup>2B</sup>	48919	VIC	417536	48X70X9TC	TRSCM	48X70X9 <sup>2B</sup>	49109	VIC	450666
48875	VIC	417357	48920	VIC	416163	48X72X7SC	TRSCM	48X72X7 <sup>2B</sup>	4910B	JN-MN	455356
48875	VIC	455192 <sup>2B</sup>	48921	VIC	456890	48X72X7TC	TRSCM	1208	4911	C-R	342805
48876	VIC	415036	48922	VIC	416167 <sup>2B</sup>	48X72X7TC	TRSCM	48X72X7 <sup>2B</sup>	4911	LABEQ	471760
48877	VIC	417509	48922	VIC	455091	48X90X10SC	TRSCM	48X90X10	4911	SKF	342805
48879	VIC	455037	48923	VIC	417267	48X90X10TC	TRSCM	48X90X10	49110	VIC	40154S

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
49111	VIC	470680	49172	TROS	5MR1008	49226	VIC	6064	492805	WHITE	415147
49111	VIC	471570 <sup>28</sup>	49173	TROS	5MR1009	4923	C-R	312196 <sup>28</sup>	492805	WHITE	415449 <sup>28</sup>
49112	VIC	450078	49173	VIC	473473	4923	SKF	312196	49282	VIC	473473
49112	VIC	473444	49174	VIC	417073	49230	VIC	7216	49283	VIC	472144 <sup>28</sup>
49113	SUL	450083	49176	TROS	5MR1300	492300C1	IH	446927 <sup>28</sup>	49285	VIC	473438
49113	SUL	472924 <sup>28</sup>	49176	VIC	5756	49232	VIC	450274	49287	VIC	473426
49113	VIC	472924 <sup>28</sup>	49177	VIC	471795	49233	VIC	473228 <sup>28</sup>	49288	VIC	471466 <sup>28</sup>
49114	VIC	470074	49177D	IH	472439	49234	ALLCH	471570 <sup>28</sup>	49289	VIC	470045
49114	VIC	474265	49178	VIC	40769S	49234	VIC	473179 <sup>28</sup>	49289	VIC	476838 <sup>28</sup>
49114-56B00	SUZUK	221730	49180	VIC	450073	49235	VIC	5070	49290	C-R	
49114-56B20	SUZUK	221730	49182	VIC	415960	49236	VIC	6064	125X170X15 <sup>29</sup>		
49114-60A00	SUZUK	221730	49182	VIC	455009	49237	VIC	5836	49290	SKF	125X170X15
49116	TROS	5M466	49184	VIC	410190	49238	VIC	450094	49290	VIC	415001 <sup>28</sup>
4911630	ALLCH	6988H	49187	VIC	5796	49238	VIC	473462	49290	VIC	455001
4911B	JN-MN	455032 <sup>28</sup>	49189	VIC	473215 <sup>28</sup>	49239	VIC	471442 <sup>28</sup>	49291	VIC	417344 <sup>28</sup>
4912	C-R	340847 <sup>28</sup>	4918LA	JN-MN	470027	49240	VIC	41787S	49291	VIC	455006
4912	LABEQ	415449 <sup>28</sup>	4918LA	JN-MN	471554 <sup>28</sup>	49242	VIC	415449 <sup>28</sup>	49293	VIC	471442 <sup>28</sup>
4912	LABEQ	455147	49191	VIC	450065	49247	VIC	8160S	49294	VIC	470027
4912	SKF	340847	49193	TROS	415196 <sup>28</sup>	4925	C-R	342613	49294	VIC	471554 <sup>28</sup>
49120	TROS	440265	49195	VIC	450461	4925	EATON	412871 <sup>28</sup>	49295	VIC	470120
49122	VIC	473441	49195	VIC	473440	4925	EATON	450329	49295	VIC	471224 <sup>28</sup>
49124	VIC	473450 <sup>28</sup>	49197	VIC	473450	4925	FULLE	412871 <sup>28</sup>	49296	VIC	450043
49128	VIC	470077	49198	VIC	415001 <sup>28</sup>	4925	FULLE	450329	49296	VIC	473419
49128	VIC	474281 <sup>28</sup>	49198	VIC	455001	4925	SKF	342613	49297	VIC	450076
4912B	JN-MN	415442 <sup>28</sup>	49199	VIC	450316	49251	C-R	417539 <sup>28</sup>	49297	VIC	470334 <sup>28</sup>
4913	C-R	340847	49199	VIC	472636 <sup>28</sup>	49251	SKF	417539	49298	VIC	415988
4913	C-R	43095S <sup>28</sup>	4919B	JN-MN	470074	49252	VIC	450765 <sup>28</sup>	49299	SPICE	710453
4913	LABEQ	473236 <sup>28</sup>	4919B	JN-MN	474265	49257	VIC	471103 <sup>28</sup>	49300	VIC	473211 <sup>28</sup>
4913	SKF	340847	49202	VIC	240023	49257	VIC	50197S	49301	C-R	417273
4913	SKF	43095S	49203	VIC	471571	49258	VIC	40286	49301	SKF	417273
49130	VIC	473442 <sup>28</sup>	49206	VIC	413469 <sup>28</sup>	49259	VIC	40370S	49301	VIC	50468
49133	VIC	472287 <sup>28</sup>	49208	C-R	710405	49263	VIC	410496 <sup>28</sup>	49302	VIC	470682
49138	TROS	5M643	49208	SKF	710405	49264S	TROS	416271 <sup>28</sup>	49304	VIC	473235 <sup>28</sup>
4914	LABEQ	415991	49208	VIC	455280	49268	C-R		49305	VIC	450070
4914	LABEQ	455146 <sup>28</sup>	49209	VIC	6241S	125X160X12 <sup>28</sup>			49305	VIC	472185 <sup>28</sup>
49140	VIC	471866 <sup>28</sup>	49210	C-R		49268	SKF	125X160X12	49306	VIC	473225 <sup>28</sup>
49141	VIC	450441	125X150X12 <sup>28</sup>			49268	VIC	455008	49307	VIC	450494
49141	VIC	471341 <sup>28</sup>	49210	C-R	231250	49269	VIC	410987 <sup>28</sup>	49307	VIC	472164 <sup>28</sup>
49143	VIC	470950 <sup>28</sup>	49210	SKF	125X150X12	49269	VIC	450103	4931	C-R	330699 <sup>28</sup>
49143	VIC	6241S	49210	SKF	231250	49270	C-R	125X160X12	4931	SKF	330699
49144	VIC	450111	49211	VIC	470169	49270	SKF	125X160X12	49311	VIC	411500
49146	VIC	471868	49211	VIC	473214 <sup>28,29</sup>	49270	VIC	473447	49313	VIC	5872S
49149	VIC	450115	49212	VIC	470354	492702	NATL	4148	49314	VIC	450867
49149	VIC	473467 <sup>28</sup>	49214	VIC	473450 <sup>28</sup>	49271	VIC	410694 <sup>28</sup>	49314	VIC	470898
49150	VIC	473228 <sup>28</sup>	49215	C-R		49272	VIC	450069	49315	VIC	450085
49150	VIC	51098	125X150X12 <sup>28</sup>			49272	VIC	473232	49315	VIC	470530 <sup>28</sup>
49150SF	VIC	473228 <sup>28</sup>	49215	SKF	125X150X12	49273	VIC	450082	49316	VIC	417316 <sup>28</sup>
49150SF	VIC	51098	49215	VIC	5827	49273	VIC	473238	49316	VIC	455004
49153	SPICE	714675	49216	VIC	455336	49274	VIC	416921 <sup>28</sup>	49317	VIC	410308 <sup>28</sup>
49160	TROS	471192	49218	VIC	43071S	49274	VIC	455011	49317	VIC	450308
49161	VIC	5778	49219	VIC	471141 <sup>28</sup>	49276	VIC	412119 <sup>28</sup>	49317C1	VIC	450308
49164	VIC	450095	4921B	JN-MN	470027	49276	VIC	450101	49318	VIC	8160S
49164	VIC	473464 <sup>28</sup>	4921B	JN-MN	471554 <sup>28</sup>	49276	VIC	472856	49319	VIC	472560N <sup>28</sup>
491656C1	IH	3292	49222	VIC	450365	49277	VIC	415995 <sup>28</sup>	49319	VIC	50151S
49168	VIC	415458 <sup>28</sup>	49222	VIC	470898	49277	VIC	455013	49320	VIC	473458
49168	VIC	455003	49223	VIC	450121	49278	VIC	473427	49321	VIC	471103 <sup>28</sup>
49170	VIC	415007	49223	VIC	472409 <sup>28</sup>	49279	VIC	416738 <sup>28</sup>	49321	VIC	50197S
49171	TROS	5MR71	49224	VIC	450070	49279	VIC	450096	49324	VIC	5877
49171	VIC	450076	49224	VIC	472185 <sup>28</sup>	49280	VIC	450085	49324C1	VIC	5877
49171	VIC	470334 <sup>28</sup>	49225	VIC	414045 <sup>28</sup>	49280	VIC	470530 <sup>28</sup>	49328	VIC	710606

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
493287	WHITE	415351 <sup>28</sup>	4939	C-R	330699 <sup>28</sup>	49439	VIC	473457 <sup>28</sup>	49501	VIC	418028
493291	TIMKE	493291	4939	SKF	330699	4943B	JN-MN	473420	49501	VIC	455137 <sup>28</sup>
49330	VIC	416654 <sup>28</sup>	49390	VIC	455151	49440	VIC	472394	49503	VIC	450082
49330	VIC	455012	49391	VIC	415041	49442	VIC	472394	49503	VIC	473238
49336	VIC	471192	49395	VIC	472439	49444	VIC	410085	49504	VIC	418028
49337	VIC	470088	49397	VIC	411245 <sup>28</sup>	49444	VIC	470530 <sup>28</sup>	49504	VIC	455137 <sup>28</sup>
49338	VIC	450291	49397	VIC	455096	49445	VIC	471689 <sup>28</sup>	495045	WHITE	470004 <sup>28</sup>
49338	VIC	471141 <sup>28</sup>	49398	VIC	472810 <sup>28</sup>	49446	VIC	415001 <sup>28</sup>	49505	VIC	470163
4934	TIMKE	4934	49399	VIC	470898	49447	VIC	40576S	49505	VIC	471766 <sup>28</sup>
49340	VIC	450083	4940	C-R	712019	49448	VIC	40140S	49507	VIC	450335
49340	VIC	472924 <sup>28</sup>	4940	SKF	712019	49449	VIC	353141 <sup>28</sup>	49508	VIC	410101N
49341	VIC	471801 <sup>28</sup>	49400	VIC	450194	49451	VIC	410316	49509	VIC	452554N
49342	VIC	415984 <sup>28</sup>	49400	VIC	473010	49451	VIC	472636 <sup>28</sup>	4950D5	DIA	476574N
49344	VIC	450301	49401	VIC	470219	49452	VIC	475012N	49510	VIC	323138 <sup>28</sup>
49344	VIC	472397 <sup>28</sup>	49401	VIC	471649 <sup>28</sup>	49453	VIC	415009	49512	VIC	410737 <sup>28</sup>
49347	VIC	471765 <sup>28</sup>	49402	VIC	472012	49453	VIC	475009N	49512	VIC	450737
49349	VIC	455151	49403	VIC	471255 <sup>28</sup>	49454	VIC	6835S	49514	VIC	471820
49350	VIC	473245 <sup>28</sup>	49407	VIC	472826 <sup>28</sup>	49457	VIC	471787 <sup>28</sup>	49515	VIC	350954
49351	VIC	450115	49408	VIC	450154	49458	VIC	450025	49515	VIC	470954 <sup>28</sup>
49351	VIC	473467 <sup>28</sup>	49408	VIC	473234	49458	VIC	471553 <sup>28</sup>	49517	VIC	417181 <sup>28</sup>
49352	VIC	471271 <sup>28</sup>	4940LA	JN-MN	415995 <sup>28</sup>	49459	VIC	472164 <sup>28</sup>	49518	VIC	473228 <sup>28</sup>
493524	TIMKE	493524	4940LA	JN-MN	455013	49460	VIC	473227 <sup>28</sup>	49518	VIC	51098
49353	VIC	240319	4940LUP	JN-MN	415995 <sup>28</sup>	49462	VIC	6090S	49519	VIC	472810 <sup>28</sup>
49355	VIC	450452	4940LUP	JN-MN	455013	49463	VIC	416011	49520	VIC	413246
49355	VIC	473197	49410	VIC	8139	49463	VIC	417621 <sup>28</sup>	49520	VIC	413246N
49357901	CORTE	710773	494117	TIMKE	494117	49466	VIC	42763	49521	VIC	6186
49358	VIC	471231 <sup>28</sup>	49412	VIC	6064	49469	VIC	472015 <sup>28</sup>	49522	VIC	410085
49359	VIC	474278 <sup>28</sup>	494122	TIMKE	494122	49470	VIC	412943	49522	VIC	470530 <sup>29</sup>
49359	VIC	6859S	494123	TIMKE	494123	49472	VIC	417191	49523	VIC	410520
49360	VIC	471466 <sup>28</sup>	49413	VIC	470548	49475	VIC	450030	49523	VIC	471272 <sup>28</sup>
49361	VIC	417158 <sup>28</sup>	49413	VIC	470625 <sup>28</sup>	49475	VIC	474253 <sup>28,29</sup>	49526	VIC	481644
49361	VIC	455355	49414	VIC	472475	49476	VIC	450117	49527	VIC	340413
49362	VIC	480210 <sup>28</sup>	49415	VIC	471829	49476	VIC	472572 <sup>28</sup>	49529	VIC	340787
49363	VIC	473236 <sup>28</sup>	49417	VIC	470403	49477	VIC	473016 <sup>28</sup>	49530	VIC	40566S
493637	TIMKE	493637	49417	VIC	470774 <sup>28</sup>	49478	VIC	473243	49531	DANA	4525V
49364	VIC	5756	49418	VIC	40395	49479	VIC	450313	49531	SPICE	4525V
49365-V0229	NISSA	221820	49418	VIC	40395S	49479C1	VIC	450313	495311	DANA	4525V
49368	VIC	240414	4941LA	JN-MN	415991	49480	VIC	412871 <sup>28</sup>	49533	VIC	41787S
49369	VIC	6064	4941LA	JN-MN	455146 <sup>28</sup>	49480	VIC	450329	49534	VIC	473458
49372	VIC	450185	4941LUP	JN-MN	415991	49481	VIC	450039	49535	VIC	8370S
49372	VIC	473229 <sup>28</sup>	4941LUP	JN-MN	455146 <sup>28</sup>	49482	VIC	471264	49540	VIC	483054N
49373	VIC	470543	4941V	TIMKE	4941V	49483	VIC	450183	49540S	TROS	8160S
49373	VIC	474272 <sup>28</sup>	49420	VIC	453165	49483	VIC	472179 <sup>28,29</sup>	49541	HYST	471750 <sup>28</sup>
49374	VIC	450803	49420	VIC	471619 <sup>28</sup>	49483	WABCO	240009	49542	VIC	330663
49376	VIC	50468	49421	VIC	410102	49484	VIC	411376 <sup>28</sup>	49542	VIC	472354 <sup>28</sup>
49378	VIC	415483 <sup>28</sup>	49422	VIC	470358	49484	VIC	455093	49543	VIC	410085
49378	VIC	455368	49422	VIC	473231 <sup>28</sup>	49485	SPICE	710565	49543	VIC	470530 <sup>28</sup>
49379	VIC	6460S	49424	VIC	473435	49485	VIC	450040	49546	VIC	415013
4938	C-R	342614	49426	VIC	417485	49486	VIC	41075S	49546	VIC	415995 <sup>28</sup>
4938	C-R	43080S	49426C1	VIC	417485	49487	VIC	471760	49547	VIC	472015 <sup>28</sup>
4938	SKF	342614	49427	VIC	46997S	49488	VIC	471795	49548	VIC	43086S
4938	SKF	43080S	49428	VIC	411330N	49489	VIC	415302	49552	VIC	2081
49380	VERSA	416047	49429	VIC	475234N	49491	VIC	5865	49552SF	VIC	2081
49380	VERSA	416332 <sup>28</sup>	49430	VIC	473213 <sup>28</sup>	49492	VIC	417485	49554	VIC	472644
49383	VIC	450115	49431	VIC	450467	49494	VIC	3210	49555	VIC	40468
49383	VIC	473467 <sup>28</sup>	49432	VIC	410312N	49495	VIC	493291	49557	VIC	470062
49385	VIC	470606 <sup>28</sup>	49433	VIC	450307	49499	VIC	417344 <sup>28</sup>	49557	VIC	474264
49388	VIC	5924	49434	VIC	471646 <sup>28</sup>	4950	C-R	471442	49560S	TROS	6760S
49389	VIC	416738 <sup>28</sup>	49435	VIC	416273 <sup>28</sup>	4950	SKF	471442	49561	VIC	417159
49389	VIC	450096	49438	VIC	473463	4950	TIMKE	4950	49563	VIC	6241S

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
49565-37700	HYUND	710221	49649	VIC	6988H	49720	VIC	473234 <sup>28</sup>	49822	VIC	45637S
49566	VIC	415003	49653	VIC	471571	49722	VIC	473461 <sup>28</sup>	498281	WHITE	472705 <sup>28</sup>
49566	VIC	415458 <sup>28</sup>	49654	VIC	350954	49723	VIC	340151	49829	VIC	456865N
49567	VIC	410059	49654	VIC	470954 <sup>28</sup>	49723	VIC	352560	49830	VIC	5751
49567	VIC	470380 <sup>28</sup>	49655	VIC	351267	49725	VIC	7929S	49831	VIC	415066
49570	VIC	470403	49655	VIC	471267 <sup>28</sup>	49727	VIC	2291	49833	VIC	415437
49570	VIC	470774 <sup>28</sup>	49656	VIC	40401	49727	VIC	417621 <sup>28</sup>	49834	VIC	417516
49572	VIC	6460S	49657	VIC	410987 <sup>28</sup>	4972785	GMC	415035 <sup>28</sup>	49835	VIC	417223
49573	VIC	450776 <sup>28</sup>	49657	VIC	450686	4972785	GMC	455035	49836	VIC	415351 <sup>28</sup>
49575	VIC	470351	49659	VIC	473235 <sup>28</sup>	49729	VIC	472319	49837	VIC	370019A
49575	VIC	471504 <sup>28</sup>	4965961	GMC	417254	49731	VIC	470954 <sup>28</sup>	4984	C-R	471442
49577	VIC	450776 <sup>28</sup>	49663	VIC	471316	49733	VIC	410308 <sup>28</sup>	4984	SKF	471442
49578	VIC	240356	4966340	GMC	417273	49733	VIC	473468	49841	VIC	455189
49579	VIC	340151	49666	VIC	410737 <sup>28</sup>	49734	VIC	474131	49843	VIC	415085 <sup>28</sup>
49582	VIC	450444	496679C1	IH	450316	49735	VIC	6703S	49843	VIC	456648
49582	VIC	471835 <sup>28</sup>	496679C1	IH	472636 <sup>28</sup>	49736	VIC	6781	49844	VIC	416125 <sup>28</sup>
49583	VIC	450539	49668	VIC	450117	49737	VIC	450194	49845	VIC	415138 <sup>28</sup>
49584	VIC	410101N	49668	VIC	472572 <sup>28</sup>	49737	VIC	473010 <sup>28,29</sup>	49846	VIC	370036A
49585	VIC	440265	496680C1	IH	472164V	49738	VIC	39302	49846	VIC	370349A
49585C1	VIC	440265	496680C1	IH	482164N	49739	VIC	203034	49846	VIC	380036A
49587	VIC	5827	49669	VIC	450143	49740	TROS	5414	49848	VIC	415023
49591	VIC	471862	49671	VIC	340400	49740	VIC	472179	4985	C-R	471442 <sup>28</sup>
49598	VIC	417172	49672	VIC	200354	49741	VIC	6818	4985	SKF	471442
49600	VIC	475380N	49674	VIC	416664 <sup>28</sup>	49742	VIC	353120	49852	VIC	417355 <sup>28</sup>
49602	VIC	471526 <sup>28</sup>	49674	VIC	455364	49743	VIC	9613S	49853	VIC	415021
496028	WHITE	417316 <sup>28</sup>	49675	VIC	471466 <sup>28</sup>	49744	VIC	6879H	49856	VIC	415991
49603	VIC	40769S	49676	VIC	6336S	49745	VIC	7581H	49856	VIC	455146 <sup>28</sup>
49605	VIC	471281 <sup>28</sup>	49686	VIC	471192	49746	VIC	6840S	49860	VIC	415437 <sup>28</sup>
49606	VIC	471785 <sup>28</sup>	49687	VIC	340413	49747	VIC	9613S	49860	VIC	455173
49607	VIC	415086N	49688	VIC	240414	49748	VIC	6985	49865	VIC	416229
49607	VIC	417487 <sup>28</sup>	49689	VIC	340356	49760	NEWPR	710627	49866	VIC	455022
49608	VIC	456105	4968SS	JN-MN	340797	49761S	TROS	471765 <sup>28</sup>	49867	VIC	415284
49609	VIC	471567 <sup>28</sup>	49690	VIC	471224 <sup>28</sup>	49767	VIC	7600S	49868	VIC	415041
49610	VIC	472636 <sup>28</sup>	49692	VIC	351267	4976LPD	JN-MN	472234	49869	VIC	416047
49611	VIC	476283N	49692	VIC	471267 <sup>28</sup>	497.750	ELRNG	710363	49869	VIC	416332 <sup>28</sup>
49612	VIC	471344	49693	VIC	240735	4978410	C-R	710906	49870	VIC	416345 <sup>28</sup>
49616	VIC	473238 <sup>28</sup>	49695	VIC	450095	4978410	SKF	710906	49870	VIC	455033
49617	VIC	351487	49695	VIC	473464 <sup>28</sup>	49792	VIC	455249 <sup>28</sup>	49871	VIC	415187
49618	VIC	417316 <sup>28</sup>	49696	VIC	470120	49794	VIC	417171 <sup>28</sup>	49872	VIC	416888 <sup>28</sup>
4961G	GOODM	457874	49696	VIC	471224 <sup>28</sup>	49796	VIC	418028	49872	VIC	455200
49620	VIC	415016N	49697	VIC	6847S	49796	VIC	455137 <sup>28</sup>	49873	VIC	416892 <sup>28</sup>
49620S	TROS	350936	49699	VIC	6370N	4980	C-R	471442V	49874	VIC	417538
49624	VIC	417316 <sup>28</sup>	4969LA	JN-MN	470548	4980	SKF	471442V	49876	VIC	417546 <sup>28</sup>
49625TA	TRSCM	417273	4969LA	JN-MN	470625 <sup>28</sup>	49800	VIC	417487 <sup>28</sup>	49877	VIC	416107 <sup>28</sup>
49627	VIC	481073	49701	VIC	340797	49800	VIC	455086	49877	VIC	455073
49630	VIC	415442 <sup>28</sup>	49702	VIC	410987 <sup>28</sup>	49805	VIC	415371	49878	VIC	416666
496311C91	IH	476283N	49703	VIC	472560N <sup>28</sup>	49806	VIC	415025	49879	VIC	416476 <sup>28</sup>
496312C1	IH	3591	49703	VIC	50151S	4980629	GMC	416294 <sup>28</sup>	49879	VIC	455075
49632	VIC	200600	49705	VIC	6703S	49807	VIC	415027 <sup>28</sup>	49881	VIC	415124
49633	VIC	481181 <sup>28</sup>	49707	VIC	7600S	49807	VIC	455027	49882	VIC	55028
49633	VIC	481181N	49709	VIC	472179	49808	VIC	415043	49883	VIC	416229
4963475	GMC	417205 <sup>28</sup>	4970LA	JN-MN	450067	49809	VIC	415072	49884	VIC	417356 <sup>28</sup>
49635	VIC	340151	4970LA	JN-MN	473228	49812	VIC	455035N	49884	VIC	455188
49636	VIC	240731	49711	VIC	8139	49815	VIC	415196 <sup>28</sup>	49885	VIC	415058
49637	VIC	240736	49713	VIC	6712NA	49815	VIC	416380	49888	VIC	417507 <sup>28</sup>
49638	VIC	472439	49715	VIC	6636S	49816	VIC	417537	49888	VIC	455513
49644	VIC	6090S	49716	VIC	471344	49818	VIC	415034 <sup>28</sup>	49889926	ALLCH	470351
49646	VIC	3173	49717	VIC	471643 <sup>28</sup>	49818	VIC	455034	4988LA	JN-MN	471652 <sup>29</sup>
49646	VIC	710928	49718	VIC	451078 <sup>28</sup>	4981V	TIMKE	4981V	4989	TIMKE	4989
49647	VIC	475380N	49719	VIC	342517	49821	VIC	455134 <sup>28</sup>	49891	VIC	416070

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
49893	VIC	7208S	49967	VIC	327303 <sup>28</sup>	4B9371	CATER	455027	4DKB-0644	WHITE	450082
49894	VIC	415394	49968	VIC	415064	4B9372	CATER	416339	4DKB-0644	WHITE	473238
49896	VIC	415137 <sup>28</sup>	49969	VIC	5313 <sup>30</sup>	4B9372	CATER	455031 <sup>28</sup>	4E12560	HU-WR	450441
49896	VIC	418028	4996B	JN-MN	471354 <sup>28,29</sup>	4BB476	STERL	415449 <sup>28</sup>	4E12560	HU-WR	471341 <sup>28</sup>
4990	C-R	471442 <sup>28</sup>	49971	VIC	6329S	4BB476	STERL	455147	4E12564	HU-WR	474278 <sup>28</sup>
4990	SKF	471442	49971906	ALLCH	471554 <sup>28</sup>	4BL-0412	WHITE	370036A	4E12564	HU-WR	480356
4990	TIMKE	4990	4997LA	JN-MN	415138 <sup>28</sup>	4BL-0412	WHITE	370349A	4E13392	HU-WR	415294 <sup>28</sup>
49901	VIC	370022A	49984	C-R	416865 <sup>28</sup>	4BL-0412	WHITE	380036A	4E13392	HU-WR	455294
49901	VIC	380022A	49984	SKF	416865	4BL084	WHITE	470059	4E13457	HU-WR	416345 <sup>28</sup>
49902	VIC	417518	49985	C-R	416865 <sup>28</sup>	4BL084	WHITE	470380 <sup>28</sup>	4E13457	HU-WR	455033
49904	VIC	6358	49985	SKF	416865	4BM-0412	WHITE	5751	4E13759	HU-WR	417343 <sup>28</sup>
49909	VIC	415697 <sup>28</sup>	49990	C-R	456865N	4BM-0470	WHITE	473215 <sup>28</sup>	4E13760	HU-WR	415036
49909	VIC	455547	49990	SKF	456865N	4BM-084	WHITE	473215 <sup>28</sup>	4E13872	HU-WR	415991
49910	VIC	412473 <sup>28</sup>	49993	VIC	345035	4C1R-7048-AA	FORD	711027	4E13872	HU-WR	455146 <sup>28</sup>
49910	VIC	415894	49994	HYST	472951	4C3W1177AA	FORD	370247A	4E14664	HU-WR	450441
49911	VIC	416339	49994	HYST	474252	4C3W-1177-BA	FORD	370247A	4E14664	HU-WR	471341 <sup>28</sup>
49911	VIC	455031 <sup>28</sup>	49995	VIC	415991	4C3Z-1S177-A	FORD	370247A	4E14766	HU-WR	474278 <sup>28</sup>
49912	VIC	6270	49996	VIC	415991	4C40-1177-AA	FORD	370023A	4E14766	HU-WR	480356
49915	VIC	416130 <sup>28</sup>	49996	VIC	455146 <sup>28</sup>	4C40-1177-AA	FORD	380023A	4E14999	HU-WR	450040
49916D	IH	417351 <sup>28</sup>	49998	C-R	416865 <sup>28,29</sup>	4C40-1177-BA	FORD	370003A	4E15000	HU-WR	470189
49916D	IH	455154	49998	SKF	416865	4C40-1177-BA	FORD	380003A	4E15000	HU-WR	471692 <sup>28</sup>
49917	VIC	415058	49998	VIC	417355 <sup>28</sup>	4C40-1177-CA	FORD	370065A	4E15001	HU-WR	450082
49920	C-R	3492V	49998	VIC	485497	4C40-1177-CA	FORD	380065A	4E15001	HU-WR	473238
49920	SKF	3492V	49KH257	MACK	713750	4C40-1177-DA	FORD	370003A	4E15002	HU-WR	413247 <sup>28</sup>
49920	VIC	456618	4A-0412	WHITE	417563	4C40-1177-DA	FORD	380003A	4E15002	HU-WR	450350
49927	C-R	39801	4A0-598-625	VW	1962	4C40-1177-EA	FORD	370169A	4E15003	HU-WR	415449 <sup>28</sup>
49927	SKF	39801	4A0-598-625A	AUDI	1962	4C40-1190-AA	FORD	370150A	4E15003	HU-WR	455147
49928	C-R	415725 <sup>28</sup>	4A143	FAIRB	471571	4C40-1190-BA	FORD	370001A	4E15010	HU-WR	415379 <sup>28</sup>
49928	SKF	415725	4A322	C-R	155PKG	4C40-1190-BA	FORD	380001A	4E15010	HU-WR	455379
49929	C-R	415725 <sup>28</sup>	4A322	SKF	155PKG	4C40-1190-CA	FORD	370001A	4EQB-0644	WHITE	415458 <sup>28</sup>
49929	SKF	415725	4A5X328	FWD	5M466	4C40-1190-CA	FORD	380001A	4EQB-0644	WHITE	455003
49931	DANA	100552	4AK-084	WHITE	475012N	4C40-1190-DA	FORD	370150A	4F2090	CATER	416364 <sup>28</sup>
49931	SPICE	100552	4-AL1327	MACK	240023	4C4Z-1177-AC	FORD	370023A	4F2103	CATER	415938
49932	VIC	5401 <sup>30</sup>	4-AL1328	MACK	471571	4C4Z-1177-AC	FORD	380023A	4F2285	CATER	471532
49933	VIC	5403 <sup>30</sup>	4AR72510121	IH	473466	4C4Z-1177-BB	FORD	370003A	4F2E-6700AA	FORD	2692
49935	C-R	39801	4B-1241	WHITE	470163	4C4Z-1177-BB	FORD	380003A	4F2Z-6700AA	FORD	712692
49935	SKF	39801	4B-1241	WHITE	471766 <sup>28</sup>	4C4Z-1177-CB	FORD	370065A	4F4584	CATER	470954 <sup>28</sup>
49937	VIC	415351 <sup>28</sup>	4B2225	CATER	471137	4C4Z-1177-CB	FORD	380065A	4F4584	CATER	480954
49938K	IH	471747 <sup>28</sup>	4B2396	CATER	473460	4C4Z-1177-DB	FORD	370003A	4F4780	CATER	415295
49938K	IH	472674	4B2396	WESTR	473460	4C4Z-1177-DB	FORD	380003A	4F4896	CATER	450069
49939	VIC	417541	4B3421	CATER	450117	4C4Z-1177-EB	FORD	370169A	4F4896	CATER	473232
4994	HU-WR	415035	4B3421	CATER	472572 <sup>28</sup>	4C4Z-1190-AA	FORD	370150A	4F5122	CATER	416476 <sup>28</sup>
4994	HU-WR	415953	4B3675	CATER	472179	4C4Z-1190-BA	FORD	370001A	4F5122	CATER	455075
49941	VIC	417506	4B40-26-154	MAZDA	223550	4C4Z-1190-BA	FORD	380001A	4F549	CATER	411394 <sup>28</sup>
49943	VIC	416125 <sup>28</sup>	4B4371	CATER	415027 <sup>28</sup>	4C4Z-1190-CA	FORD	370001A	4F549	CATER	450317
49944887	ALLCH	416130 <sup>28</sup>	4B4371	CATER	455027	4C4Z-1190-CA	FORD	380001A	4F6888	CATER	450412
49947	VIC	6638S	4B4529	CATER	416011	4C4Z-1190-DA	FORD	370150A	4F7500	CATER	417525
49948	VIC	6635S	4B4529	CATER	417621 <sup>28</sup>	4D1608	CATER	450593 <sup>28</sup>	4F7Z6700AA	FORD	712692
49949	VIC	417353 <sup>28</sup>	4B4865	CATER	473016 <sup>28</sup>	4D2657	CATER	471267 <sup>28</sup>	4FD-0644	WHITE	415023
49953	VIC	370002A	4B4967	CATER	415013	4D3034	CATER	455117	4FE-0644A	WHITE	416288 <sup>28</sup>
49958	VIC	416297	4B4967	CATER	415995 <sup>28</sup>	4D3587	CATER	416339	4FE-0936	WHITE	415458 <sup>28</sup>
49958A	OSHKO	417247 <sup>28</sup>	4B5171	CATER	7208S	4D3587	CATER	455031 <sup>28</sup>	4FE-0936	WHITE	455003
49959	VIC	471760	4B5432	CATER	450536	4D6592	CATER	472164 <sup>28</sup>	4FKA-084	WHITE	415001 <sup>28</sup>
49960	C-R	417584	4B5432	CATER	471535 <sup>28</sup>	4D6996	CATER	415227 <sup>28</sup>	4FKW-084	WHITE	475009N
49960	SKF	417584	4B8024	CATER	417344 <sup>28</sup>	4D8576	CATER	471271 <sup>28</sup>	4FKW-08	WHITE	475009N
49962	VIC	471267 <sup>28</sup>	4B8024	CATER	455006	4DG-0383	WHITE	450066	4G-0383	WHITE	410102
49963	VIC	370002A	4B8024	WESTR	417344 <sup>28</sup>	4DG-0383	WHITE	473367 <sup>28</sup>	4G-0395	WHITE	450076
49966	C-R	416865 <sup>28</sup>	4B8024	WESTR	455006	4DG-0395	WHITE	450118	4G-0395	WHITE	470334 <sup>28</sup>
49966	SKF	416865	4B8396	CATER	415036	4DG-0395	WHITE	473449	4G43-27-10483	ASTON	225530
49966	VIC	471763	4B9371	CATER	415027 <sup>28</sup>	4DK-0644	WHITE	470088	4G43-27-10604	ASTON	710279

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
4G43-42-10267	ASTON	<b>710487</b>	4K7463	CATER	<b>455479</b>	4SK-0730	WHITE	<b>450316</b>	500094	WHITE	<b>450291</b>
4G43-42-10979	ASTON	<b>224460</b>	4K9610	CATER	<b>415995<sup>28</sup></b>	4SK-0730	WHITE	<b>472636<sup>28</sup></b>	500094	WHITE	<b>471141<sup>28</sup></b>
4G43-7A238-AA	ASTON	<b>224510</b>	4K9610	CATER	<b>455013</b>	4SK-08	WHITE	<b>475012N</b>	5000978A	WHITE	<b>J1138</b>
4G43-7Z036-AA	ASTON	<b>710780</b>	4L34-7E182AA	FORD	<b>710690</b>	4SK-084	WHITE	<b>475012N</b>	500117701	WHITE	<b>471570<sup>28</sup></b>
4GCT-0396	WHITE	<b>411500</b>	4L4360	CATER	<b>455121</b>	4TA17	STERL	<b>415458<sup>28</sup></b>	5001177B	WHITE	<b>471570<sup>28</sup></b>
4GCT-0936	WHITE	<b>411500</b>	4L5Z-7052-AA	FORD	<b>2655</b>	4TA17	STERL	<b>455003</b>	500118001	WHITE	<b>472164<sup>28</sup></b>
4GE-0395A	WHITE	<b>415137<sup>28</sup></b>	4L6942	CATER	<b>471224<sup>28</sup></b>	4TCP-084	WHITE	<b>476283N</b>	5001180B	WHITE	<b>472164<sup>28</sup></b>
4GE-0395A	WHITE	<b>418028</b>	4L7019	CATER	<b>6863S<sup>28</sup></b>	4U-01430	WHITE	<b>475012N</b>	500122	GMC	<b>5877</b>
4GE-0618	WHITE	<b>417159</b>	4L7248	CATER	<b>415984<sup>28</sup></b>	4UG-0730	WHITE	<b>450291</b>	500134	SELAS	<b>5118</b>
4GE-0618A	WHITE	<b>417159</b>	4L7336	CATER	<b>415437</b>	4UG-0730	WHITE	<b>471141<sup>28</sup></b>	500135	MACK	<b>410312N</b>
4GE-0936	WHITE	<b>412119<sup>28</sup></b>	4LD482	WITTE	<b>411245<sup>28</sup></b>	4UG-084	WHITE	<b>415086N</b>	5001363A	WHITE	<b>J1103</b>
4GE-0936	WHITE	<b>450101</b>	4LD482	WITTE	<b>455096</b>	4UG-084	WHITE	<b>417487<sup>28</sup></b>	5001377A	WHITE	<b>J1107</b>
4GEO395	WHITE	<b>415137<sup>28</sup></b>	4M2343	CATER	<b>470774<sup>28</sup></b>	4UK-084	WHITE	<b>415960<sup>28</sup></b>	500143	CHRYS	<b>450316</b>
4GEO395	WHITE	<b>418028</b>	4M2444	CATER	<b>415213N</b>	4UK-084	WHITE	<b>455009</b>	500143	CHRYS	<b>472636<sup>28</sup></b>
4GTCC0396	WHITE	<b>411500</b>	4M5G-6K292-CB	FORD	<b>711001</b>	4W0452	CATER	<b>39885</b>	500144	SELAS	<b>5117</b>
4H1722	CATER	<b>471281<sup>28</sup></b>	4M9148	CATER	<b>470163</b>	4W2606	CATER	<b>39900</b>	50015	GEM	<b>450352</b>
4H1723	CATER	<b>471442<sup>28</sup></b>	4M9148	CATER	<b>471766<sup>28</sup></b>	4W2607	CATER	<b>39899</b>	50015	GEM	<b>472164<sup>28</sup></b>
4H572	CATER	<b>472397<sup>28</sup></b>	4M9149	CATER	<b>450185</b>	4W8133	CATER	<b>39890</b>	500151	CONTI	<b>412119<sup>28</sup></b>
4H8101	CATER	<b>415995V</b>	4M9149	CATER	<b>473229</b>	4W8134	CATER	<b>39889</b>	500151	CONTI	<b>450101</b>
4H9484	CATER	<b>472572<sup>28</sup></b>	4N0636	CATER	<b>471224<sup>28</sup></b>	4WB151	STERL	<b>415090</b>	50015A	GEM	<b>450389</b>
4H9836	CATER	<b>450069</b>	4N0848	CATER	<b>J1842</b>	4WB156	STERL	<b>416229</b>	50015A	GEM	<b>472492<sup>28</sup></b>
4H9836	CATER	<b>473232</b>	4N1584	CATER	<b>471649<sup>28</sup></b>	4X5763	CATER	<b>455191</b>	500169E	OLIVE	<b>204002</b>
4H9836	WESTR	<b>450069</b>	4N636	CATER	<b>471224<sup>28</sup></b>	4ZDK-0395	WHITE	<b>450083</b>	500169E	WHITE	<b>204002</b>
4H9836	WESTR	<b>473232</b>	4N848	CATER	<b>J1842</b>	4ZDK-0395	WHITE	<b>472924<sup>28</sup></b>	50017	HYST	<b>473405</b>
4J2683	CATER	<b>470565<sup>28</sup></b>	4NFG-0395	WHITE	<b>415001<sup>28</sup></b>	500	UNIVE	<b>416865<sup>28</sup></b>	500170	SELAS	<b>5116</b>
4J3043	CATER	<b>471466<sup>28</sup></b>	4NFG-0395	WHITE	<b>455001</b>	500	UNIVE	<b>455070</b>	500176	OLIVE	<b>416654<sup>28</sup></b>
4J3923	CATER	<b>471224<sup>28</sup></b>	4NFG-0395A	WHITE	<b>415001<sup>28</sup></b>	5000	TIMKE	<b>5000</b>	500176	OLIVE	<b>455012</b>
4J6716	CATER	<b>471539<sup>28</sup></b>	4NFG-0395A	WHITE	<b>455001</b>	50000	CHRYS	<b>471466<sup>28</sup></b>	500178E	WHITE	<b>204027</b>
4J7441	CATER	<b>471413<sup>28</sup></b>	4NK-0730	WHITE	<b>450085</b>	500007	CHRYS	<b>471466<sup>28</sup></b>	5001871290	RENAU	<b>710434</b>
4J7557	CATER	<b>471554<sup>28</sup></b>	4NK-0730	WHITE	<b>470530<sup>28</sup></b>	500007	GMC	<b>471466<sup>28</sup></b>	500188905	EATON	<b>471466<sup>28</sup></b>
4J793	CATER	<b>470680</b>	4NK-084	WHITE	<b>415960<sup>28</sup></b>	500010901	EATON	<b>411245<sup>28</sup></b>	500208	BOWEN	<b>417546<sup>28</sup></b>
4J793	CATER	<b>471570<sup>28</sup></b>	4NK-084	WHITE	<b>455009</b>	500010901	EATON	<b>455096</b>	500213	NAPCO	<b>416404<sup>28</sup></b>
4J8980	CATER	<b>710013</b>	4P1142	ADAMS	<b>416921<sup>28</sup></b>	500010901	Y-T	<b>411245<sup>28</sup></b>	500223	FT-WA	<b>471103<sup>28</sup></b>
4J8982	CATER	<b>710014</b>	4P1142	ADAMS	<b>455011</b>	500010901	Y-T	<b>455096</b>	500223	FT-WA	<b>50197S</b>
4JA108	STERL	<b>417352</b>	4P1355	ADAMS	<b>471137</b>	500010902	EATON	<b>472439</b>	500226	GMC	<b>470954<sup>28</sup></b>
4JA108	STERL	<b>418028</b>	4P1355	WABCO	<b>471137</b>	500010902	Y-T	<b>472439</b>	500238	CHRYS	<b>417357</b>
4JA109	STERL	<b>416345<sup>28</sup></b>	4P1569	ADAMS	<b>450593<sup>28</sup></b>	500012	CONTI	<b>470027</b>	500238	CHRYS	<b>455192<sup>28</sup></b>
4JA109	STERL	<b>455033</b>	4P1569	LETN	<b>450593<sup>28</sup></b>	500012	CONTI	<b>471554<sup>28</sup></b>	500241	CHRYS	<b>471567<sup>28</sup></b>
4JA16	STERL	<b>411253<sup>28</sup></b>	4P2524	ADAMS	<b>471744<sup>28</sup></b>	500022	GMC	<b>471689<sup>28</sup></b>	500241	CONTI	<b>471567<sup>28</sup></b>
4JA16	STERL	<b>450099</b>	4P2524	LETN	<b>471744<sup>28</sup></b>	500026	BL-KN	<b>472560N<sup>28</sup></b>	500254	ALLCH	<b>450095</b>
4JA19	STERL	<b>415379<sup>28</sup></b>	4P2524	WABCO	<b>471744<sup>28</sup></b>	500026	BL-KN	<b>50151S</b>	500254	ALLCH	<b>473464<sup>28</sup></b>
4JA19	STERL	<b>455379</b>	4P2723	CATER	<b>39887</b>	500026901	WHITE	<b>J1127</b>	500257	GMC	<b>5070</b>
4JA21	STERL	<b>415449<sup>28</sup></b>	4P2734	CATER	<b>39888</b>	5000273409	RENAU	<b>223010</b>	500262	CHRYS	<b>417196<sup>28</sup></b>
4JA21	STERL	<b>455147</b>	4PA6	STERL	<b>418028</b>	500039	NAPCO	<b>450073</b>	500263	GMC	<b>415379<sup>28</sup></b>
4JB36	STERL	<b>416921<sup>28</sup></b>	4PA6	STERL	<b>455137<sup>28</sup></b>	500046	GMC	<b>5872S</b>	500263	GMC	<b>455379</b>
4JB36	STERL	<b>455011</b>	4R1978	GMC	<b>415683</b>	500046	OLIVE	<b>5872S</b>	500263	MASSE	<b>415379<sup>28</sup></b>
4K1372	CATER	<b>471692<sup>28</sup></b>	4R26	CATER	<b>416273<sup>28</sup></b>	500046	WHITE	<b>5872S</b>	500263	MASSE	<b>455379</b>
4K4114	CATER	<b>471267<sup>28</sup></b>	4R32	CATER	<b>415379<sup>28</sup></b>	500048	CHRYS	<b>471192</b>	500274	GMC	<b>415045<sup>28</sup></b>
4K4320	CATER	<b>472020</b>	4R32	CATER	<b>455379</b>	500048	CONTI	<b>471192</b>	500282	CHRYS	<b>416865<sup>28</sup></b>
4K4376	CATER	<b>476470</b>	4R33-7052-AA	FORD	<b>710802</b>	500050101	WHITE	<b>J1121</b>	500282	GMC	<b>416865<sup>28</sup></b>
4K4390	CATER	<b>411500<sup>29</sup></b>	4R33-7052-CA	FORD	<b>221410</b>	500061	B-L-H	<b>450067</b>	50-028423-00	GOETZ	<b>710550</b>
4K4845	CATER	<b>473214<sup>28</sup></b>	4R3Z-7052-AA	FORD	<b>710802</b>	500061	B-L-H	<b>473228</b>	500286	CHRYS	<b>471765<sup>28</sup></b>
4K4845	JOHND	<b>473214<sup>28</sup></b>	4R3Z-7052-CA	FORD	<b>221410</b>	500063	ALLCH	<b>410190</b>	500286	CONTI	<b>471765<sup>28</sup></b>
4K5076	CATER	<b>470954<sup>28</sup></b>	4R526	CATER	<b>470027</b>	50006901	WHITE	<b>J1127</b>	500287	CEMAC	<b>450085</b>
4K5438	CATER	<b>473244<sup>28</sup></b>	4R526	CATER	<b>471554<sup>28</sup></b>	5000876C	WHITE	<b>473214<sup>28</sup></b>	500287	CEMAC	<b>470530<sup>28</sup></b>
4K7461	CATER	<b>416888<sup>28</sup></b>	4R8831	CATER	<b>39882</b>	500089401	WHITE	<b>473464</b>	500298	NAPCO	<b>415437<sup>28</sup></b>
4K7461	CATER	<b>455200</b>	4S6752	CATER	<b>2791</b>	5000894B	WHITE	<b>473464</b>	500298	NAPCO	<b>455173</b>
4K7462	CATER	<b>416345<sup>28</sup></b>	4S7756	CATER	<b>471442<sup>28</sup></b>	500090	NAPCO	<b>470120</b>	5003	FAIRB	<b>455019<sup>28</sup></b>
4K7462	CATER	<b>455033</b>	4S9006	CATER	<b>710019</b>	500090	NAPCO	<b>471224<sup>28</sup></b>	50030007.5	TROS	<b>455019<sup>28</sup></b>
4K7463	CATER	<b>417350<sup>28</sup></b>	4SC28CR	DEMPC	<b>340927</b>	5000938A	WHITE	<b>J1128</b>	50030807.5	TROS	<b>415021</b>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
500310	GOODM	455024	500591	SKF	370023A	50-101-107F	PUL	370007A	5012454AA	CHRY	5778
500310K	GOODM	455024	500591	SKF	380023A	50-101-107G	PUL	370018A	5012454AA	CHRY	5778V
500312	GR-DV	415025	500596	C-R	370036A	50-101-107H	PUL	370020A	5012454AA	JEEP	5778
50031207.5	TROS	370012A	500596	C-R	370349A	50-101-107J	PUL	370022A	5012454AA	JEEP	5778V
500316	B-L-H	415027 <sup>28</sup>	500596	C-R	380036A	50-101-107K	PUL	370015A	5012454AB	CHRY	5778
500316	B-L-H	455027	500596	SKF	370036A	50-101-107L	PUL	370107A	5012454AB	CHRY	5778V
500316	CABOT	415027 <sup>28</sup>	500596	SKF	370349A	50-101-107M	PUL	370349A	5012454AB	JEEP	5778
500316	CABOT	455027	500596	SKF	380036A	50-101-107N	PUL	370001A	5012454AB	JEEP	5778V
500316	GOODM	415027 <sup>28</sup>	50060	GARLK	471442 <sup>28</sup>	50-101-107P	PUL	370006A	5012454AB	MOPAR	5778
500316	GOODM	455027	500600	UNIVE	415725 <sup>28</sup>	50-101-107R	PUL	370012A	5012454AB	MOPAR	5778V
50031607.5	TROS	415034 <sup>28</sup>	500625	FAIRB	416865 <sup>28</sup>	50-101-107T	PUL	370019A	50126	TIMKE	50126
50031607.5	TROS	455034	500625	FAIRB	455070	50-101-107U	TRMBL	370021A	5012813AA	CHRY	714675
50032	NOVI	330385 <sup>28</sup>	500625	UNIVE	416865 <sup>28</sup>	50-101-107V	PUL	370023A	5012813AA	JEEP	714675
500320	HU-WR	416125 <sup>28</sup>	500625	UNIVE	455070	50-101-107W	TRMBL	370030A	5012813AA	MOPAR	714675
500320	MINMA	416125 <sup>28</sup>	500640	SELAS	5108	50-101-16	TRMBL	370036A	5012824AA	CHRY	2146
50032007.5	TROS	455024	500650	UNIVE	417541	50-101-16	TRMBL	370349A	5012824AA	MOPAR	2146
500321	NOVI	340385	500675	WHITE	470334 <sup>28</sup>	50-101-16D	TRMBL	370036A	5012846AA	CHRY	719316
500324	GOODM	416339	500675	WHITE	50289	50-101-16D	TRMBL	370349A	5012846AA	JEEP	719316
500324	GOODM	455031 <sup>28</sup>	50068	IRON	471192	50-101-23	TRMBL	370036A	5012846AB	CHRY	5778V
500324	GR-DV	416339	500680	WHITE	416125 <sup>28</sup>	50-101-23	TRMBL	370349A	5012846AB	JEEP	5778V
500324	GR-DV	455031 <sup>28</sup>	500683	WHITE	473460	50-101-23D	TRMBL	370036A	5012846AB	MOPAR	5778V
50032407.5	TROS	415025	50069	IRON	472658	50-101-23D	TRMBL	370349A	50130	C-R	417278
500325	NOVI	240385	50069	IRON	473197	50-101-3	TRMBL	370036A	50130	SKF	417278
500326	NOVI	472810 <sup>28</sup>	500690E	OLIVE	471424 <sup>28</sup>	50-101-3	TRMBL	370349A	5013019AA	CHRY	710835
500327	NOVI	350936	500690E	WHITE	471424 <sup>28</sup>	50-101-54	TRMBL	370065A	5013019AA	DTCOM	710835
500328	B-L-H	416345 <sup>28</sup>	50070	C-R	204509 <sup>28</sup>	50-101-54	TRMBL	376590A	5013019AA	MOPAR	710835
500328	B-L-H	455033	50070	IRON	473215 <sup>28</sup>	50-101-80A	TRMBL	370025A	5013019AB	CHRY	710835
500328	FAIRB	416345 <sup>28</sup>	5-0070	SKF	204509	50-101-80B	TRMBL	370025A	501350	C-R	340797
500328	FAIRB	455033	50072	GARLK	471526 <sup>28</sup>	50-101-80C	TRMBL	370025A	501350	SKF	340797
50033207.5	TROS	415027	500725	CEMAC	455018	50-101-80D	TRMBL	370025A	501379E	OLIVE	450765 <sup>28</sup>
50033607.5	TROS	55028	500725	CEMAC	476470	50-101-80F	TRMBL	370025A	501379E	WHITE	450765 <sup>28</sup>
50033608	TROS	55028	500728	CEMAC	450083	50-101-94	TRMBL	370025A	5014046AA	CHRY	710597
50034007.5	TROS	370011A	500728	CEMAC	472924 <sup>28</sup>	50-101-95	PUL	370037A	5014046AA	JEEP	710597
50034011.5	TROS	416125 <sup>28</sup>	500735	CEMAC	471192	50-101-96	TRMBL	370025A	5014046AA	MOPAR	710597
5003408AA	CHRY	2506	500736	CEMAC	450066	50-101B	TRMBL	370025A	50148	C-R	417541
5003408AA	MOPAR	2506	500736	CEMAC	473367 <sup>28</sup>	50-101-C	TRMBL	370025A	50148	NATL	473463
5003419AA	CHRY	710496	500750	C-R	370002A	501028	MAGAM	471255	50148	SKF	417541
5003419AA	MOPAR	710496	500750	SKF	370002A	50105	NATL	414045 <sup>28</sup>	5014852AA	CHRY	710863
50034407.5	TROS	55030	500755	OLIVE	471442 <sup>28</sup>	5010B	JN-MN	470088 <sup>29</sup>	5014852AB	CHRY	710863
5003464AA	CHRY	4250	5007555	FORD	224235	5011035	WOOL	455480 <sup>28</sup>	5014852AB	MOPAR	710863
50034807.5	TROS	416339	500778	WHITE	470950 <sup>28</sup>	50113	TROS	417353 <sup>28</sup>	5014852AC	CHRY	710863
50034807.5	TROS	455031 <sup>28</sup>	500778	WHITE	6241S	50115	ESSIC	450441	5014852AC	MOPAR	710863
50034810	TROS	416339	500783	CONTI	455024	50115	ESSIC	471341 <sup>28</sup>	501493	ALLCH	473215 <sup>28</sup>
50034810	TROS	455031 <sup>28</sup>	500799	WHITE	455005	501196	SELAS	2146	5015198AA	CHRY	710565
50035	CLARK	450365	5008	C-R	324234V	501197	SELAS	2146	5015198AA	MOPAR	710565
50035	CLARK	470898 <sup>28</sup>	5008	SKF	324234V	5011LA	JN-MN	416011	50151S	TIMKE	50151S
50035607.5	TROS	416345 <sup>28</sup>	50081	GARLK	471472 <sup>28</sup>	5011LA	JN-MN	417621 <sup>28</sup>	5015201AA	CHRY	710566
50035607.5	TROS	455033	50081	TIMKE	50081	5011LUP	JN-MN	416011	5015201AA	MOPAR	710566
50036007.5	TROS	415034 <sup>28</sup>	500894	CHRY	450291	5011LUP	JN-MN	417621 <sup>28</sup>	5015214AA	CHRY	223801
50036007.5	TROS	455034	500894	CHRY	471141 <sup>28</sup>	5012115AA	CHRY	4638N	50156	NATL	350156
5003600X01	WHITE	470380 <sup>28</sup>	5009	NATL	471141	501229	C-R	340495	50156	NATL	473096
50038	GR-DV	415023	50092	SPICE	710482	501229	SKF	340495	5015705AA	CHRY	710473
50040007.5	TROS	415035	5010107A	PUL	370036A	5012290AA	CHRY	39803	5015705AA	MOPAR	710473
50040007.5	TROS	415953	5010107U	PUL	370021A	5012290AA	JEEP	39803	5015847AA	CHRY	710657
500483	C-R	370030A	5010107W	PUL	370030A	50124	C-R	370028A	5015847AA	JEEP	710657
500483	SKF	370030A	50-101-107A	TRMBL	370036A	50124	C-R	370069A	5015847AA	MOPAR	710657
500485	GMC	450173	50-101-107B	PUL	370065A	50124	C-R	380069A	50167	C-R	8126S
500509902	EATON	417082	50-101-107C	PUL	370338A	50124	SKF	370028A	50167	SKF	8126S
500591	C-R	370023A	50-101-107D	PUL	376590A	50124	SKF	370069A	5016760AA	CHRY	7300S
500591	C-R	380023A	50-101-107E	PUL	370003A	50124	SKF	380069A	50168	C-R	417542

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
50168	DANA	4525V	501969	CONTI	471539 <sup>28</sup>	50269	CLARK	450083	50-302158-00	GOETZ	46X65X7 <sup>29</sup>
50168	SKF	417542	50197S	TIMKE	50197S	50269	CLARK	472924 <sup>28</sup>	50-302183-00	GOETZ	145X175X15
50168	SPICE	4525V	5019843AA	CHRYS	100715V	5026LA	JN-MN	470163	50-302294-00	GOETZ	50X72X8
501690911AM	CHALL	471272 <sup>28</sup>	5019843AA	MOPAR	100715V	5026LA	JN-MN	471766 <sup>28</sup>	50-302323-00	GOETZ	50X80X8
501690993	CHALL	415303 <sup>28</sup>	50199S	NATL	6863S	5027	TIMKE	5027	50-302436-00	GOETZ	55X72X8
5016LA	JN-MN	416891 <sup>28,29</sup>	502	UNIVE	417546 <sup>28</sup>	502726	ALLCH	411253 <sup>28</sup>	50-302483-00	GOETZ	55X90X13
50172	C-R	417542 <sup>28</sup>	50200	NATL	320457	502726	ALLCH	450099	50-302581-10	GOETZ	80X105X13
50172	SKF	417542	502000	CONTI	416956	50279	CLARK	470163	50-302617-00	GOETZ	60X85X8
50175	TROS	7600S	50201	GARLK	471466 <sup>28</sup>	50279	CLARK	471766 <sup>28</sup>	50-302666-10	GOETZ	62X85X8
50176	AM WH	417316 <sup>28</sup>	502021	CHRYS	475003N	5027LUP	JN-MN	415563	50-302714-00	GOETZ	65X80X8
50177	AM WH	50528	502021	CONTI	415458 <sup>28</sup>	5027LUP	JN-MN	417433 <sup>28</sup>	50-302838-00	GOETZ	6X16X7
501811E	MINNM	471887	502021	CONTI	455003	50280	CLARK	473243	50-302915-00	GOETZ	75X95X10
501811E	OLIVE	471887	502021	H-S	415458 <sup>28</sup>	502832	NAPCO	471341 <sup>28</sup>	50-302928-00	GOETZ	55X70X8
5018200	CALI	417223	502021	H-S	455003	50289	TIMKE	50289	50-302960-00	GOETZ	75X105X13
50183	ESSIC	450183	502038	CONTI	417158 <sup>28</sup>	50290	TROS	472492 <sup>28</sup>	50-303038-00	GOETZ	80X110X10
50183	ESSIC	472179	502038	CONTI	455355	50292	TROS	473238 <sup>28</sup>	50-303065-00	GOETZ	82X105X13
501847	C-R	471076	50207	NATL	470207	502929800	EATON	473231 <sup>28</sup>	50-303114-00	GOETZ	85X115X13
501847	SKF	471076	502083	CONTI	471466 <sup>28</sup>	502993	C-R	470236	50-303148-00	GOETZ	90X110X12
50185	C-R	417544	502083	H-S	471466 <sup>28</sup>	502993	SKF	470236	50-303185-50	GOETZ	3476
50185	SKF	417544	502090M1	MASSE	470543	50299S	TROS	473241	50-303204-00	GOETZ	95X115X12
501854	CHRYS	472432	502090M1	MASSE	474272	50-300035-00	GOETZ	7X16X7	50-303208-00	GOETZ	95X120X12
501854	CHRYS	474256	502100	CONTI	471648	50-300249-00	GOETZ	12X32X7	50-303253-00	GOETZ	100X120X10
5018594AA	CHRYS	5174	502104	AVCO	471765 <sup>28</sup>	50-300266-00	GOETZ	13X22X6	50-303290-00	GOETZ	100X130X12
5018594AA	JEEP	5174	502104	CONTI	471765 <sup>28</sup>	50-300288-00	GOETZ	14X24X7	50-303363-00	GOETZ	222820
5018594AB	CHRYS	5174	502104	H-S	471765 <sup>28</sup>	50-300324-00	GOETZ	15X24X7	50-303370-00	GOETZ	10X19X7
5018594AB	JEEP	5174	502104	HERCU	471765 <sup>28</sup>	50-300354-00	GOETZ	15X30X7	50-303449-00	GOETZ	120X150X12
5018594AB	MOPAR	5174	502110	SKF	417603	50-300445-00	GOETZ	16X35X7	50-303477-00	GOETZ	125X150X12
5019020AA	CHRYS	710627	502126	CONTI	471192	50-300469-00	GOETZ	17X28X7	50-303483-00	GOETZ	70X90X10
5019020AA	JEEP	710627	50213	GARLK	471264 <sup>28</sup>	50-300513-00	GOETZ	17X40X7	50-303495-00	GOETZ	45X85X10
5019020AB	CHRYS	710627	50216S	TROS	455037	50-300535-00	GOETZ	18X30X7	50-303571-00	GOETZ	140X160X12
5019020AB	JEEP	710627	502192	CONTI	470169	50-300623-00	GOETZ	20X32X7	50-303596-10	GOETZ	145X170X12
5019020AB	MOPAR	710627	502192	CONTI	473214 <sup>28</sup>	50-300633-00	GOETZ	20X35X7	50-303642-00	GOETZ	17X35X7
5019026AA	CHRYS	710660	50225	GARLK	471255 <sup>28</sup>	50-300655-10	GOETZ	20X37X7	50-303686-00	GOETZ	170X200X15
5019026AA	MOPAR	710660	502276	CONTI	450185	50-300693-10	GOETZ	40X55X8	50-303782-00	GOETZ	240X270X15
5019154AA	CHRYS	5778	502276	CONTI	473229	50-300698-00	GOETZ	20X47X7	50-303829-00	GOETZ	45X60X7
5019154AA	CHRYS	5778V	502280	H-S	240356	50-300749-00	GOETZ	222020	50-303903-00	GOETZ	150X180X12
5019154AA	JEEP	5778	502285	AVCO	472150	50-300933-00	GOETZ	25X42X6	50-303991-00	GOETZ	30X42X7
5019154AA	JEEP	5778V	502285	CONTI	472150	50-301064-00	GOETZ	8X14X4 <sup>29</sup>	50-304033-00	GOETZ	8X16X7
501922903	EATON	415213N	502285	H-S	472150	50-301078-00	GOETZ	222820	50-304101-00	GOETZ	27X37X7
501922904	EATON	455134 <sup>28</sup>	502285	HERCU	472150	50-301120-00	GOETZ	28X52X7	50-304126-00	GOETZ	38X55X7 <sup>29</sup>
501923902	Y-T	417366 <sup>28</sup>	5022LA	JN-MN	473466	50-301156-00	GOETZ	223005	50-304140-00	GOETZ	160X190X15
501925901	Y-T	J1127	5022LPD	JN-MN	473466	50-301196-00	GOETZ	30X47X7	50-304251-10	GOETZ	85X105X10
501925902	EATON	J1105	5022LUP	JN-MN	473466	5030128	EATON	473237 <sup>28</sup>	50-304279-00	GOETZ	55X80X8
501925903	EATON	J1111	50230	ESSIC	471689 <sup>28</sup>	50-301320-00	GOETZ	32X45X7	50-304381-00	GOETZ	100X125X12
501925905	EATON	J1134	50237	GARLK	471564	50-301349-00	GOETZ	32X52X7	50-304413-00	GOETZ	58X80X8
501925906	EATON	J1132	5023LA	JN-MN	411245 <sup>28</sup>	50-301398-00	GOETZ	28X47X7	50-304488-00	GOETZ	25X52X7
501925908	EATON	J1136	5023LA	JN-MN	455096	50-301534-00	GOETZ	35X56X10	503044R1	BUC-E	412040
501925910	Y-T	J1129 <sup>29</sup>	502441	AVCO	471567 <sup>28</sup>	50-301538-00	GOETZ	35X58X10	50-304514-00	GOETZ	12X28X7
501943	CONTI	471651	502441	CONTI	471567 <sup>28</sup>	50-301640-00	GOETZ	38X50X7	50-304524-00	GOETZ	110X130X12
501944	CONTI	471267 <sup>28</sup>	502441	H-S	471567 <sup>28</sup>	50-301647-00	GOETZ	38X52X7	50-304592-00	GOETZ	50X65X8
501946	CONTI	473414	502441	HERCU	471567 <sup>28</sup>	50-301696-00	GOETZ	30X45X8	50-304604-00	GOETZ	40X90X8 <sup>29</sup>
50195	C-R	417545	50245S	HERCU	471795	50-301835-10	GOETZ	40X65X10	50-304714-00	GOETZ	90X120X12
50195	NATL	470195 <sup>28</sup>	502565	CONTI	450078	50-301860-00	GOETZ	40X80X10	50-304747-00	GOETZ	15X35X7
50195	SKF	417545	502565	CONTI	473444	50-301860-00	GOETZ	40X80X10	50-304879-00	GOETZ	75X100X10
501962	CONTI	481650	5026	TIMKE	5026	29			50-304883-00	GOETZ	40X60X10
501963	CONTI	450025	502639	CONTI	471192	50-301891-00	GOETZ	42X55X7	50-304890-00	GOETZ	16X30X7
501963	CONTI	471553 <sup>28</sup>	502649	AVCO	471192	50-301907-00	GOETZ	224235	50-305087-00	GOETZ	68X90X10
501964	CONTI	410520	502649	CONTI	471192	50-301920-00	GOETZ	224250	50-305099-00	GOETZ	60X80X8
501964	CONTI	471272 <sup>28</sup>	502649	H-S	471192	50-301952-00	GOETZ	42X72X10	50-305247-00	GOETZ	8X14X4
501969	CONTI	450431	50266	TIMKE	50266	50-302084-00	GOETZ	45X65X8	50-305276-00	GOETZ	710190

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
50-305461-00	GOETZ	40X62X7	50-319179-00	GOETZ	229005	50356	NATL	474278 <sup>28</sup>	504281	C-R	710028
50-305478-00	GOETZ	148X170X15	50-319183-00	GOETZ	716102	50356	NATL	480356	504281	SKF	710028
50-305521-00	GOETZ	50X90X10	50-319197-00	GOETZ	100X120X12	50356	WMG	474278 <sup>28</sup>	504285	C-R	710030
50-305535-00	GOETZ	85X110X12	50-319204-00	GOETZ	710681	50356	WMG	480356	504285	SKF	710030
50-305538-00	GOETZ	710681	50-319207-00	GOETZ	224235	5037300AA	CHRY	710698	50433	GEHL	450431
50-305650-00	GOETZ	12X22X7	50-319217-00	GOETZ	48X72X7	5037300AA	MOPAR	710698	50433	GEHL	471539 <sup>28</sup>
50-305910-50	GOETZ	710289	50-319223-00	GOETZ	45X62X8	50381	SPICE	710413	504332	GMC	6064
50-305914-50	GOETZ	710288	50-319229-00	GOETZ	120X140X13	50385S	NATL	240385	50435	NATL	350435
50-305940-50	GOETZ	713087	50-319231-00	GOETZ	105X130X12	50385S	NATL	330385	50442	WHITE	410708
50-306045-50	GOETZ	710288	50-319234-00	GOETZ	42X62X8	5039	TIMKE	5039	50445	TIMKE	50445
50-306056-00	GOETZ	45X60X10	50-319248-00	GOETZ	40X62X8	50391	CLARK	450185	50446	GARLK	471554 <sup>28</sup>
50-306067-50	GOETZ	710618	50-319261-00	GOETZ	50X70X9	50391	CLARK	473229	5045	C-R	471526
50-306091-50	GOETZ	229005	50-319266-00	GOETZ	710308	50393	CLARK	471765 <sup>28</sup>	5045	SKF	471526
50-306111-00	GOETZ	65X85X8	50-319273-00	GOETZ	228008	503936M1	MASSE	JV1166	50458	GARLK	471567 <sup>28</sup>
50-306126-00	GOETZ	8X18X5	50-319275-00	GOETZ	30X40X7	503939M1	MASSE	200851	5046	C-R	471526 <sup>28</sup>
50-306195-00	GOETZ	25X42X8	50-319280-00	GOETZ	130X160X12	50394	CLARK	450444	5046	SKF	471526
50-306211-70	GOETZ	3774	50-319281-00	GOETZ	56X80X8	50394	CLARK	471835 <sup>28</sup>	50460	CLARK	40395
50-306222-50	GOETZ	716484	50-319289-00	GOETZ	32X50X8	50395	NOK	710262	50460	CLARK	40395S
50-306223-50	GOETZ	710332	50-319289-00	GOETZ	710415	50395S	TIMKE	50395S	504631	SPICE	473215 <sup>28</sup>
50-306228-00	GOETZ	65X85X10	50-319296-00	GOETZ	80X100X10	50396	NOK	710263	504632	SPICE	450316
50-306261-50	GOETZ	710232	50-319297-00	GOETZ	120X145X12	503VB7	MARI	416865 <sup>28</sup>	504632	SPICE	472636 <sup>28</sup>
50-306264-00	GOETZ	35X52X7	50-319303-00	GOETZ	35X54X8	503VB7	MARI	455070	504636	MAGAM	471554
50-306315-00	GOETZ	42X56X7	50-319304-00	GOETZ	110X140X13	504	UNIVE	415645 <sup>28</sup>	504637	MAGAM	470120
50-306364-00	GOETZ	224010	50-319313-00	GOETZ	8X16X7 <sup>29</sup>	504	UNIVE	455104	504637	MAGAM	471224
50-306386-00	GOETZ	110X150X12 <sup>28</sup>	50-319323-00	GOETZ	710550	504003	ROSS	472560N <sup>28</sup>	504637	UNIVE	417546 <sup>28</sup>
50-306429-00	GOETZ	42X60X7	50-319334-00	GOETZ	223020	504003	ROSS	50151S	504638	MICH	417546 <sup>28</sup>
50-306498-00	GOETZ	10X26X7	50-319352-00	GOETZ	710790	504004	ROSS	474278 <sup>28</sup>	50468	TIMKE	50468
50-306503-00	GOETZ	6X16X7	50-319354-00	GOETZ	710669	504004	ROSS	480356	50470	BORGW	472560N <sup>28</sup>
50-306512-00	GOETZ	25X47X7	50-319367-00	GOETZ	711002	504005	ROSS	323138 <sup>28</sup>	50470	BORGW	50151S
50-306515-00	GOETZ	35X62X7	50-319380-00	GOETZ	1172	504006	ROSS	40382	50471	BORGW	351267
50-306521-50	GOETZ	30X52X7	50-319388-00	GOETZ	716484	504007	ROSS	450400	50471	BORGW	471267 <sup>28</sup>
50-306542-50	GOETZ	42X58X7	50-319389-00	GOETZ	229005	50405	TIMKE	50405	5047167AA	CHRY	710767
50-306551-50	GOETZ	710824	50-319392-00	GOETZ	224200	50408	CLARK	450291	5047167AA	JEEP	710767
50-306552-00	GOETZ	710237	50-319396-00	GOETZ	710812	50408	CLARK	471141 <sup>28</sup>	5047372AA	CHRY	224200
50-306553-50	GOETZ	710403	50-319406-00	GOETZ	223035	504081	C-R	370022A	50476	NATL	471344
50-306609-50	GOETZ	26X37X7	50-319423-00	GOETZ	320348	504081	C-R	380022A	504781	C-R	6936S
50-306622-00	GOETZ	231003	50-319430-00	GOETZ	710618	504081	SKF	370022A	504781	SKF	6936S
50-306695-50	GOETZ	223542	50-319433-00	GOETZ	3476	504081	SKF	380022A	50479SA	Y-T	480479H
50-306704-00	GOETZ	710399	50-319434-00	GOETZ	710617	50409	CLARK	450291	50480S	NATL	323138 <sup>28</sup>
50-306756-00	GOETZ	22X45X7	50-319437-00	GOETZ	710813	50409	CLARK	471141 <sup>28</sup>	504847	SPICE	370001A
50-306762-00	GOETZ	16X24X5	50-319441-00	GOETZ	710600	50409	NATL	470409 <sup>28</sup>	504847	SPICE	380001A
50-306799-50	GOETZ	710290	50-319442-00	GOETZ	223750	50413	NATL	353132	504851	SPICE	370065A
50-306821-70	GOETZ	42X55X8	50-319448-00	GOETZ	710848	5041320	GMC	471466 <sup>28</sup>	504851	SPICE	380065A
50-307047-70	GOETZ	35X47X7	50-319450-00	GOETZ	710056	50415	CLARK	450365	504859	SPICE	370025A
50-307050-80	GOETZ	710580	50-319469-00	GOETZ	710799	50415	CLARK	470898 <sup>28</sup>	504859	SPICE	380025A
50-307063-50	GOETZ	227409	50-319470-00	GOETZ	223020	50417	CLARK	410694 <sup>28</sup>	504861	SPICE	370003A
50-307065-70	GOETZ	115X140X12	50-319480-00	GOETZ	710790	504208	BORGW	340151	504861	SPICE	380003A
50-319010-00	GOETZ	710613	50-319481-00	GOETZ	710788	504238	ALLCH	471762 <sup>28</sup>	50491	NATL	480491
50-319023-10	GOETZ	710803	50-319499-00	GOETZ	710465	504239	ALLCH	450154	50491	SPICE	710493
50-319033-00	GOETZ	25X40X7	50-319537-00	GOETZ	710764	504239	ALLCH	473234	50492	SPICE	710453
50-319078-00	GOETZ	35X50X7 <sup>29</sup>	50-319551-00	GOETZ	711007	504239-C1	IH	471267 <sup>28</sup>	5049B	JN-MN	481864
50-319078-00	GOETZ	35X50X8	50322R1	IH	6090S	50424	CUMMI	473228	504VB7	MARI	417546 <sup>28</sup>
50-319109-00	GOETZ	239146	50327	TIMKE	50327	50424	CUMMI	51098	505000	AT IM	415281N
50-319142-00	GOETZ	48X62X8	50328	ESSIC	470328	50424	OLIVE	473228	505003	AT IM	352541
50-319155-00	GOETZ	35X48X8	50328	ESSIC	481213 <sup>28</sup>	50424	OLIVE	51098	50501	SPICE	714675
50-319161-00	GOETZ	1108	50331	HYST	473473	50424	WHITE	473228	5051B	JN-MN	415458 <sup>28</sup>
50-319164-00	GOETZ	55X68X8	503495	C-R	450588 <sup>28</sup>	50424	WHITE	51098	5051B	JN-MN	455003
50-319166-00	GOETZ	35X45X7	503495	SKF	450588	50427	GARLK	470954 <sup>28</sup>	50521	CUMMI	472164 <sup>28</sup>
50-319173-00	GOETZ	716484	503549	ALLCH	450291	504275	C-R	710041	50521	OLIVE	450070
			503549	ALLCH	471141 <sup>28</sup>	504275	SKF	710041	50521	OLIVE	472185 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
50522	GEHL	472258 <sup>28</sup>	50642	DANA	710461	507208XX	TIMKE	50X72X8	508587	FWD	415449 <sup>28</sup>
50524	OLIVE	473228	50642	SPICE	710461	5072265AA	CHRY	100712V	50860	TROS	471571
50524	OLIVE	51098	50644	GMC	416273 <sup>28</sup>	5072265AA	JEEP	100712V	5086054AA	CHRY	710771
50525	NATL	471887	50645TA	TRSCM	417541	5072265AB	CHRY	100712V	5086054AA	MOPAR	710771
50528	TIMKE	50528	5065	TIMKE	5065	5072265AB	JEEP	100712V	5086089AA	CHRY	2027
505.293	ELRNG	710334	50650	C-R	455290 <sup>29</sup>	5072265AB	MOPAR	100712V	50861	TROS	1037
50531	DANA	710461	50650	SKF	455290	5072307AA	CHRY	710662	50862	OLIVE	450083
50531	SPICE	710461	506508XX	TIMKE	50X65X8	5072307AA	JEEP	710662	50862	OLIVE	472924 <sup>28</sup>
505317E	OLIVE	455820	5066	C-R	471526 <sup>28</sup>	5072307AA	MOPAR	710662	5086315AA	CHRY	710652
505322E	OLIVE	455079 <sup>28</sup>	5066	SKF	471526	5072473AA	JEEP	710461	5086341AA	CHRY	710902
5053B	JN-MN	417511	5066	TIMKE	5066	5072473AA	MOPAR	710461	5086341AA	MOPAR	710902
5054601	CALI	416666	50660	DANA	4434V	5072896AA	CHRY	710771	5086343AA	CHRY	710653
5054621	CALI	455330 <sup>28</sup>	50660	SPICE	4434V	50730	GARLK	470590	5086343AA	MOPAR	710653
5054821	CALI	415295	5066053AA	CHRY	710593	5073564AA	CHRY	710461	50865	AM WH	470163
5055403	CALI	415009	5066053AA	MOPAR	710593	5073564AA	JEEP	710461	50865	AM WH	471766 <sup>28</sup>
5055403	CALI	415960 <sup>28</sup>	5066066AA	CHRY	710624	5073592AA	CHRY	710472	508650	MICH	415645 <sup>28</sup>
50563	SPICE	100727	5066066AA	MOPAR	710624	5073675AA	CHRY	710289	508650	MICH	455104
50565S	TROS	417352	5066446AA	CHRY	4434V	5073675AB	CHRY	710289	508650	UNIVE	415645 <sup>28</sup>
50565S	TROS	418028	5066446AA	JEEP	4434V	5073675AB	JEEP	710289	508650	UNIVE	455104
50568	TIMKE	50568	5066446AA	MOPAR	710461	5073675AB	MOPAR	710289	5086697AA	CHRY	710558
50569	TIMKE	50569	506654	C-R	480581	5073676AA;	CHRY	710289	5086697AB	CHRY	710558
50569	TROS	472299	506654	SKF	480581	5073887AA	CHRY	710812	5086697AB	MOPAR	710558
50574	DANA	100712V	5066763AA	CHRY	710812	5073887AB	CHRY	710812	5086773AA	CHRY	710564
50574	SPICE	100712V	5066850AA	CHRY	223020	5073887AC	CHRY	710812	5086773AB	CHRY	710564
5057LA	JN-MN	412473 <sup>28</sup>	5066850AA	JEEP	223020	5073944AA	CHRY	100727	5086773AB	MOPAR	710564
5057LA	JN-MN	415894	5066850AB	CHRY	223020	5073944AA	MOPAR	100727	5086773AC	CHRY	710564
5058140	TAYLR	415447	5066850AB	JEEP	223020	507507XX	TIMKE	50X75X7	5086773AC	MOPAR	710564
50585	CLARK	240151	5066958AA	CHRY	223020	507512XX	TIMKE	50X75X12	5086789	CHRY	710508
50588	GARLK	471643 <sup>28</sup>	5066958AA	JEEP	223020	5076	NATL	370008A	5086789AA	CHRY	710508
505892C1	IH	416288 <sup>28</sup>	506697C1	IH	710006	50764	NATL	470764 <sup>28</sup>	5086789AA	MOPAR	710508
505VB7	MARI	416107 <sup>28</sup>	5067	C-R	471526 <sup>28</sup>	5076546	GMC	470954 <sup>28</sup>	5086813AA	CHRY	39803
505VB7	MARI	455073	5067	SKF	471526	507718	MAGAM	472164	5086983AA	CHRY	710563
506	UNIVE	415938	50675TA	TRSCM	417542	5078684AA	CHRY	710628	5086983AA	MOPAR	710563
506003-A	WHITE	370001A	50678	GARLK	471267 <sup>28</sup>	5078784AA	CHRY	710628	5086LA	JN-MN	412871 <sup>28</sup>
506003-A	WHITE	380001A	50679	NATL	470954 <sup>28</sup>	5079B	JN-MN	455022	5086LA	JN-MN	450329
50605TA	TRSCM	415725 <sup>28</sup>	5068	C-R	471526 <sup>28</sup>	507VB7	MARI	415938	50878	HYST	450082
50606	NATL	470606 <sup>28</sup>	5068	SKF	471526	508	UNIVE	416107 <sup>28</sup>	50878	HYST	473238
50608	SPICE	710624	506808XX	TIMKE	50X68X8	508	UNIVE	455073	508831	ALLCH	471785 <sup>28</sup>
5060D	GOODM	455480 <sup>28</sup>	50687	GARLK	471570 <sup>28</sup>	508008XX	TIMKE	50X80X8	50883271	IG-RA	415725 <sup>28</sup>
5060LA	JN-MN	450593 <sup>28</sup>	5068773	GMC	471686	5080155AA	CHRY	710683	5089	NATL	370009A
50610H	IH	471820	50688	NATL	410737 <sup>28</sup>	5081	FULLE	416921 <sup>28</sup>	5089	TIMKE	5089
5061100	CALI	415234 <sup>28</sup>	5069	C-R	471526 <sup>28</sup>	5081	FULLE	455011	5089	WOODB	471762 <sup>28</sup>
5061101	CALI	415234 <sup>28</sup>	5069	SKF	471526	508180	CLARK	450183	5089821	EATON	331228H
50619	DANA	710593	5069052AA	CHRY	710797	508180	CLARK	472179	5089OSR	JN-MN	455406 <sup>28,29</sup>
50619	SPICE	472015 <sup>28</sup>	5069052AA	MOPAR	710797	5081B	JN-MN	415023	508VB7	MARI	417556
50619	SPICE	710593	506989	CHRY	471271 <sup>28</sup>	5082B	JN-MN	455008 <sup>29</sup>	5090012	ONAN	450188
5061LA	JN-MN	470045	506VB7	MARI	415645 <sup>28</sup>	50835610	TROS	370033A	5090016	ONAN	472287 <sup>28</sup>
5061LA	JN-MN	476838 <sup>28</sup>	506VB7	MARI	455104	5083952AA	CHRY	223535	5090045	ONAN	471766 <sup>28</sup>
5062	C-R	471526 <sup>28</sup>	5070	TIMKE	5070	5083953AA	CHRY	223010	5090046	ONAN	471442 <sup>28</sup>
5062	SKF	471526	507008XX	TIMKE	50X70X8	50839D	IH	471419	5090058	ONAN	450269
506207XX	TIMKE	50X62X7	507009E	MINNM	471570 <sup>28</sup>	50839D	IH	473367	5090059	ONAN	471554 <sup>28</sup>
50625SA	TRSCM	455070	507009XX	TIMKE	50X70X9	50840010	TROS	417356 <sup>28</sup>	5090097	ONAN	471268N
50625SA	TRSCM	456865N	5070888	EATON	415938	50840010	TROS	455188	5090098	ONAN	472658
50625TA	TRSCM	416865 <sup>28</sup>	5070888	Y-T	415938	508.489	ELRNG	223005	5090098	ONAN	473197
5062MG	GOODM	415035 <sup>28</sup>	507126	C-R	340009S	5084SH	JN-MN	340009S	509010A	HARWA	50X90X10
5062MG	GOODM	455035	507126	SKF	340009S	5084SS	JN-MN	471466 <sup>28</sup>	509010XX	TIMKE	50X90X10
50635TA	TRSCM	417278	50715	GARLK	471646 <sup>28</sup>	5085	C-R	471526 <sup>28</sup>	5090138	ONAN	472179
50637	DANA	100715V	50715	GMC	450085	5085	SKF	471526	5090139	ONAN	417474
50637	SPICE	100715V	50715	GMC	470530 <sup>28</sup>	508508XX	TIMKE	50X85X8	5090300	CALI	415991
5064	TIMKE	5064	5072	TIMKE	5072	508587	FWD	415147	5090300	CALI	455146 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
509053	C-R	370018A	5099346AB	CHRY	710813	50X80X8SC	TRSCM	50X80X8	51113	GARLK	471652
509053	SKF	370018A	5099347AA	CHRY	710813	50X80X8TC	TRSCM	50X80X8	511144	SKF	417603
50910	ONAN	472560N <sup>28</sup>	5099837AA	CHRY	710758	50X85X8SC	TRSCM	50X85X8	51115	CLARK	450067
50910	ONAN	50151S	5099839AA	CHRY	224250	50X85X8TC	TRSCM	50X85X8	51115	CLARK	473228
509154C91	IH	370057A	509A1	ONAN	470358	50X90X10	FORSH	50X90X10	51117	GARLK	471692 <sup>28</sup>
50917	ONAN	470605 <sup>28</sup>	509A1	ONAN	473231 <sup>28</sup>	50X90X10	SIMRT	50X90X10	5111S	TIMKE	5111S
50919	ONAN	410520	509A11	ONAN	471765 <sup>28</sup>	50X90X10	TIMKE	50X90X10	51125	C-R	130X160X12
50919	ONAN	471272 <sup>28</sup>	509A12S	ONAN	450188	50X90X10SC	TRSCM	50X90X10	51125	SKF	130X160X12
5091933	O-M	470120	509A2	ONAN	470120	50X90X10TC	TRSCM	50X90X10	51128	GARLK	470712 <sup>28</sup>
5091933	O-M	471224 <sup>28</sup>	509A2	ONAN	471224 <sup>28</sup>	51	UNIVE	471535 <sup>28</sup>	5112808	EATON	472439
5091933	SCOT	470120	509A41	ONAN	473231 <sup>28</sup>	510	UNIVE	417556	5113	TIMKE	5113
5091933	SCOT	471224 <sup>28</sup>	509A48	ONAN	470605 <sup>28</sup>	5100	NATL	370046A	51130	C-R	
5092	NATL	3698	509A59	ONAN	471554 <sup>28</sup>	51004	GARLK	471224 <sup>28</sup>	130X160X12 <sup>28</sup>		
5092	TIMKE	5092	509A64	ONAN	470605 <sup>28</sup>	5100408	GMC	204017	51130	SKF	130X160X12
5092400	CALI	415219	509A97	ONAN	471268N	5100650	GMC	470169	511344	C-R	205015
5092401	CALI	415219	509A98	ONAN	472658	5100650	GMC	473214	511344	SKF	205015
5092502	CALI	416154 <sup>28</sup>	509A98	ONAN	473197	5101	FBG	710237	51135	C-R	
5092LA	JN-MN	471763	509B1	ONAN	470358	51015	NATL	471015 <sup>28</sup>	130X160X12 <sup>28</sup>		
5093109	SCOT	471255 <sup>28</sup>	509B1	ONAN	473231 <sup>28</sup>	510160	LAU	240735	51135	SKF	130X160X12
50934	ONAN	471442 <sup>28</sup>	509B11	ONAN	471765 <sup>28</sup>	51020	GARLK	471649 <sup>28</sup>	51138	GARLK	471763
5093400	CALI	415036	509B12	ONAN	450188	510247	VICK	481163 <sup>28</sup>	51139	CLARK	470163
5093403	CALI	416892 <sup>28</sup>	509B16	ONAN	472287 <sup>28</sup>	51028	GARLK	471689 <sup>28</sup>	51139	CLARK	471766 <sup>28</sup>
5093407	CALI	7354N	509B87	ONAN	473227 <sup>28</sup>	51030	TROS	471267 <sup>28</sup>	5114	NATL	2146
5094005604	DAEWO	3774	509P44	ONAN	471442 <sup>28</sup>	51035	THEW	450335	51140	C-R	130X170X12
50945	ONAN	470163	509P46	ONAN	471442 <sup>28</sup>	5103566AA	CHRY	710462	51140	SKF	130X170X12
50945	ONAN	471766 <sup>28</sup>	509P49	ONAN	473225 <sup>28</sup>	5103566AB	CHRY	710462	5114 027AA	CHRY	710473
50946	ONAN	471442 <sup>28</sup>	509P50	ONAN	415303 <sup>28</sup>	5103601AA	CHRY	710468	51143	C-R	
5095	TIMKE	5095	509P64	ONAN	470605 <sup>28</sup>	5103901AA	CHRY	710467	130X170X15 <sup>28</sup>		
509526	C-R	475004H	509VB7	MARI	416666	5103901AB	CHRY	710467	51143	CLARK	471765 <sup>28</sup>
509526	SKF	475004H	50A2402	MINNM	450183	510391M1	MASSE	352560	51143	SKF	130X170X15
50957	ONAN	470163	50A2402	MINNM	472179	510391M1	MASSE	472560N <sup>28</sup>	5114802	GMC	455956H
50957	ONAN	471766 <sup>28</sup>	50A2403	MINNM	473227	5103LA	JN-MN	417484N	5115	TIMKE	5115
509578	CATER	473245 <sup>28</sup>	50-S350	LETN	413247 <sup>28</sup>	5103LA	JN-MN	455322	51150	CLARK	450316
50958	ONAN	450269	50-S350	LETN	450350	51040	GARLK	471733	51150	CLARK	472636 <sup>28</sup>
50959	ONAN	470027	50-S441	LETN	450441	5104566AA	CHRY	710468	511542	Y-T	415064
50959	ONAN	471554 <sup>28</sup>	50-S441	LETN	471341 <sup>28</sup>	5104LA	JN-MN	415995 <sup>28</sup>	5115454	GMC	455006N
5-09625-002-0	ISUZU	473258	50-S476	LETN	471344	5104LA	JN-MN	455013	5116	TIMKE	5116
5-09625002-1	ISUZU	473258 <sup>28</sup>	50X62X7	TIMKE	50X62X7	5104LPD	JN-MN	415836	5116224	GMC	482041N
5096250022	ISUZU	473258 <sup>28</sup>	50X62X7SC	TRSCM	50X62X7 <sup>28</sup>	5104LPD	JN-MN	415995 <sup>28</sup>	5116229	GMC	710022
509625-0080	ISUZU	17X27X7	50X62X7TC	TRSCM	50X62X7 <sup>28</sup>	510515	WHITE	370003A	511643	BORGW	441148
5-09625018-0	ISUZU	1990	50X65X8	NATL	1209	510515	WHITE	380003A	511655	STUDE	5778
5-09625-022-0	ISUZU	224205	50X65X8	TIMKE	50X65X8	5106	TIMKE	5106	511687	IH	470954 <sup>28</sup>
5-09625-029-0	ISUZU	227040	50X65X8SC	TRSCM	50X65X8 <sup>28</sup>	510624	MAGAM	470954	511687	IH	480954
5-09625-034-0	ISUZU	221720	50X65X8TC	TRSCM	50X65X8 <sup>28</sup>	510678	MAGAM	471801	511694R91	IH	450044
5-09625-036-0	ISUZU	228480	50X68X8	NATL	1948	510710	STUDE	473442 <sup>28</sup>	5117	TIMKE	5117
5-09625-053-1	ISUZU	222860	50X68X8	TIMKE	50X68X8	5107OSR	JN-MN	417362 <sup>28,29</sup>	511716	ALLCH	471413 <sup>28</sup>
5-09625-053-2	ISUZU	222860	50X68X8SB	TRSCM	225020	5108	TIMKE	5108	51172	C-R	39805
5-09625-053-8	ISUZU	222860	50X68X8SC	TRSCM	50X68X8 <sup>28</sup>	5108219	GMC	205017	51172	C-R	710473
5-09625-059-0	ISUZU	224045	50X68X8TC	TRSCM	50X68X8 <sup>28</sup>	5108369A	GMC	205035	51172	SKF	39805
5-09625-064-0	ISUZU	710167	50X70X8SC	TRSCM	50X70X8 <sup>28</sup>	51086VX	IH	481864	51172	SKF	710473
5-09625-079-0	ISUZU	225020	50X70X8TC	TRSCM	50X70X8 <sup>28</sup>	5108OSR	JN-MN	416888 <sup>28</sup>	51172V	IH	470059
5-09625-083-0	ISUZU	712005	50X70X9	TIMKE	50X70X9	5108OSR	JN-MN	455200	51172V	IH	470380 <sup>28</sup>
5-09625-092-0	ISUZU	710147	50X70X9SC	TRSCM	50X70X9	5109	TIMKE	5109	51176	CLARK	450070
5-09625-280-0	ISUZU	712005	50X70X9TC	TRSCM	50X70X9	51098	TIMKE	51098	51176	CLARK	472185 <sup>28</sup>
509648	ALLCH	471801 <sup>28</sup>	50X72X8	TIMKE	50X72X8	5110	NATL	370124A	5117983	GMC	470954 <sup>28</sup>
50965	HYST	455195	50X72X8SC	TRSCM	50X72X8	511023	MAGAM	473214	5118	TIMKE	5118
50965	HYST	472157 <sup>28</sup>	50X72X8TC	TRSCM	50X72X8	511035	WOOL	415295	51180	C-R	130X170X15
5098	ONAN	340385	50X75X12SC	TRSCM	50X75X12	511073	ALLCH	471192	51180	SKF	130X170X15
50992	ONAN	471466 <sup>28</sup>	50X75X12TC	TRSCM	50X75X12	5110874	GMC	6329S	51180	SPICE	100727
5099346AA	CHRY	710813	50X80X8	TIMKE	50X80X8	5111035	WOOL	40401	51182	C-R	

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51182	C-R	710556	5128B	JN-MN	450094	513915	VICK	455858	5145LA	JN-MN	450311
51182	SKF	130X150X10	5128B	JN-MN	473462	51392	CLARK	450067	5145LUP	JN-MN	450311
51182	SKF	710556	5128LPD	JN-MN	450094	51392	CLARK	473228	5146	TIMKE	5146
511878	ALLCH	472070	5128LPD	JN-MN	473462	5139505	GMC	472164V	51460	CLARK	450082
5118SS	JN-MN	340483	5128N	TIMKE	5128N	5139505	GMC	482164N	51460	CLARK	473238
511D5	DIA	475012N	5129	NATL	5108	51397	CLARK	470169	51462	GARLK	470625 <sup>28</sup>
511D5	WHITE	475012N	512952	STUDE	450067	51397	CLARK	473214 <sup>28</sup>	51466	MASTE	473427
511H	BRAD	472439	512952	STUDE	473228	5139857AA	CHRY	223235	514680	ALLCH	450083
511VB7	MARI	417542	5129B	JN-MN	471192	5139857AA	MOPAR	223235	514680	ALLCH	472924 <sup>28</sup>
512	UNIVE	416666	5130	NATL	39813	514	UNIVE	416476 <sup>28</sup>	514693	GMC	455186
51201	TRANS	3543	5131	TIMKE	5131	514	UNIVE	455075	51472	GARLK	470380 <sup>28</sup>
5121	TIMKE	5121	5131329	GMC	470625 <sup>28</sup>	5140028AA	CHRY	710841	5147LA	JN-MN	417596
5121601	CALI	415577	51314	CLARK	473446	5140028AA	JEEP	710841	51482	CITRO	470074
51220	CLARK	417267	5131698	GMC	416271 <sup>28</sup>	5140028AA	MOPAR	710841	51482	CITRO	474265
51224	GARLK	471413 <sup>28</sup>	51319	CLARK	416271 <sup>28</sup>	51403	TROS	6818	51482	MASSE	470074
51228D	IH	415371	51322	TIMKE	51322	5140SS	JN-MN	456744N	51482	MASSE	474265
5123	TIMKE	5123	51329	TROS	415876	5141050	GMC	370018A	51482	MASTE	470074
51232	GARLK	471737	5132909	GMC	471649V	5141050	GMC	418028	51482	MASTE	474265
51235	CLARK	240119	5132SS	JN-MN	481650	5141050	GMC	455137 <sup>28</sup>	51482	PEUGE	470074
5123501	CALI	412943	5133	C-R	471472 <sup>28</sup>	51412	CLARK	472015 <sup>28</sup>	51482	PEUGE	474265
5123802	CALI	416008	5133	SKF	471472	51420	PEUGE	228009	5148314	GMC	482041N
51240	C-R	416557	5133	TIMKE	5133	51420	TALBO	228009	5148LA	JN-MN	455290 <sup>29</sup>
51240	SKF	416557	5133000	CALI	455005	5142723AA	CHRY	710906	5148LPD	JN-MN	455290
5124200	CALI	417604	513320	MAGAM	471442	5142723AB	CHRY	710906	51492	GARLK	473228 <sup>28</sup>
51246	GARLK	471766 <sup>28</sup>	51343	CLARK	470064	5142723AB	MOPAR	710906	51492D	IH	473421
51247	C-R	416557	51343	CLARK	471821 <sup>28</sup>	5142724AA	CHRY	710905	51492DA	IH	473421
51247	SKF	416557	5134351	GMC	471652V	5142724AA	MOPAR	710905	51492L	IH	473421
51248	C-R	417546 <sup>28</sup>	51348	GARLK	472258 <sup>28</sup>	5142735AA	CHRY	710904	51494DA	IH	6163S
51248	SKF	417546	5134924	GMC	482069N	5142R	JN-MN	415034 <sup>28</sup>	514963	GMC	455186
5125	NATL	4148	51353-2	SPICE	100712V	5142R	JN-MN	455034	51498	GARLK	473228 <sup>28</sup>
51252	C-R	417258	51356	CLARK	240319	5143480AA	CHRY	710894	5149LA	JN-MN	471466 <sup>28</sup>
51252	SKF	417258	51357	CLARK	471141 <sup>28</sup>	5143481AA	CHRY	710302	515	C-R	5MR71
51254	CLARK	471192	5135SS	JN-MN	471472 <sup>28</sup>	51435	NATL	484054	515	SKF	5MR71
5126	TIMKE	5126	51360	GARLK	471192	51435	WMG	484054	5150	C-R	471549 <sup>29</sup>
51262	GARLK	471795	51364	CLARK	470712 <sup>28</sup>	5143658AA	CHRY	710961	5150	SKF	471549
51262	TROS	41787S	51368	GARLK	473214 <sup>28</sup>	5143659AA	CHRY	710678	51501	SPICE	714675
512657C1	IH	370025A	513702	JNSON	482309	5143659AA	MOPAR	710678	51501S	TROS	415147
512657C1	NAVST	380025A	51375	CLARK	340151	5143660AA	CHRY	710962	51501S	TROS	415449 <sup>28</sup>
512657C1	NAVST	386025A	5137587AA	CHRY	710067	5143660AA	MOPAR	710962	5150220	GMC	483054N
512662	UNIVE	415938	5137587AA	MOPAR	710067	5143714AA	CHRY	710684	51503S	TROS	7038SA
512663	MICH	415938	51376	WAUKE	450070	5143714AA	JEEP	710684	5150790	GMC	471765 <sup>28</sup>
5127119	GMC	471689 <sup>28</sup>	51376	WAUKE	472185 <sup>28</sup>	5143715AA	CHRY	710694	5150791	GMC	471647
5127119A	GMC	471689 <sup>28</sup>	51377	CLARK	450316	5143715AA	JEEP	710694	5150846	GMC	415284
5127238	EATON	410308 <sup>28</sup>	51377	CLARK	472636 <sup>28</sup>	5143733AA	CHRY	710654	5150863	GMC	450083
5127238	EATON	450308	51378	GARLK	473215 <sup>28</sup>	5143733AA	JEEP	710654	5150863	GMC	472924 <sup>28</sup>
512723800	EATON	410308 <sup>28</sup>	5137SH	JN-MN	350364	5143733AB	CHRY	710654	5150SS	JN-MN	350414
512723800	EATON	450308	51382	CLARK	470027	5143733AB	JEEP	710654	5150SS	JN-MN	472311 <sup>28</sup>
512726	VICK	44052	51382	CLARK	471554 <sup>28</sup>	5143743AA	CHRY	710655	5151090	GMC	417485
51276	C-R	417547	51383	CLARK	471765 <sup>28</sup>	5143743AA	JEEP	710655	5151392	GMC	417344 <sup>28</sup>
51276	SKF	417547	51384	CLARK	473205	5143832AA	CHRY	711027	5151392	GMC	455006
5127821	CUMMI	6329S	51385	CLARK	470163	5143845AA	CHRY	710909	5151SH	JN-MN	340469
5128	NATL	710077	51385	CLARK	471766 <sup>28</sup>	5143R	JN-MN	417273	5151SS	JN-MN	340469
51282	WAYNE	415263	51386	CLARK	470059	51440	PEUGE	716102	51524	CLARK	472810 <sup>28</sup>
512830	GERL	450083	51386	CLARK	470380 <sup>28</sup>	51446	MASTE	473427	5152LA	JN-MN	471466 <sup>28</sup>
512830	GERL	472924 <sup>28</sup>	51387	CLARK	473446	51448	MASTE	471567 <sup>28</sup>	5152LUP	JN-MN	471466 <sup>28</sup>
512839	ALLCH	473211 <sup>28</sup>	5138710	GMC	483054N	51449	MASTE	473215 <sup>28</sup>	5153373	GMC	417344 <sup>28</sup>
512840	ALLCH	470169	5138796	GMC	6879H	5144LUP	JN-MN	412028	5153560	GMC	415284
512840	ALLCH	473214 <sup>28</sup>	51388	CLARK	416271 <sup>28</sup>	51450	PEUGE	228010	5153SH	JN-MN	40169S <sup>29</sup>
512886R91	IH	45013S	51389	CLARK	471141 <sup>28</sup>	51454	GARLK	473227 <sup>28</sup>	5153SS	JN-MN	473214 <sup>28</sup>
512887R91	IH	40101S	5138SS	JN-MN	471558 <sup>29</sup>	51455	CLARK	472636 <sup>28</sup>	5154224	GMC	471076

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
5154314	GMC	416271 <sup>2B</sup>	51611176-05-005	ALLCH	450070	51657301-020	ALLCH	472258 <sup>2B</sup>	5175829AB	MOPAR	710814
5154315	ALLCH	416271 <sup>2B</sup>	51611176-05-005	ALLCH	472185 <sup>2B</sup>	51657301-03-009	ALLCH	450161	5175836	OLIVE	416654 <sup>2B</sup>
5154315	GMC	416271 <sup>2B</sup>	51611176-05-011	ALLCH	415082	51657301-03-009	ALLCH	471764 <sup>2B</sup>	5175836	OLIVE	455012
515440	ALLCH	474278 <sup>2B</sup>	51611176-05-012	ALLCH	411394 <sup>2B</sup>	5165958	EUCLD	471442 <sup>2B</sup>	5176287	GMC	450039
515440	ALLCH	480356	51611176-05-012	ALLCH	450317	5165958	GMC	471442 <sup>2B</sup>	5176288	GMC	471255 <sup>2B</sup>
51546	CLARK	5872S	51611176-05-013	ALLCH	473243	5166	TIMKE	5166	5176552	GMC	417548
5154791	GMC	415284	51611176-06-002	ALLCH	471705 <sup>2B</sup>	5166003	GMC	415449 <sup>2B</sup>	5176B	JN-MN	480210 <sup>2B</sup>
51548	CLARK	5872S	51611176-06-003	ALLCH	470163	5166003	GMC	455147	517716	CATER	415041
5154LA	JN-MN	470169	51611176-06-003	ALLCH	471766 <sup>2B</sup>	516650	GERL	473463	5178219	GMC	350364
5154LA	JN-MN	473214	51611176-06-004	ALLCH	473016 <sup>2B</sup>	516675	MICH	416107 <sup>2B</sup>	5178989	GMC	415284
5155226	GMC	450117	5161543AA	CHRY	710904	516675	MICH	455073	5179506	GMC	481163 <sup>2B</sup>
5155226	GMC	472572 <sup>2B</sup>	51625TA	TRSCM	417258	516675	UNIVE	416107 <sup>2B</sup>	5179736AA	CHRY	710904
51553	AM WH	417316 <sup>2B</sup>	5163	TIMKE	5163	516675	UNIVE	455073	5179736AA	MOPAR	710904
51553	AM WH	455004	516302C1	IH	456618	5166SH	JN-MN	350954	5179985	GMC	455956H
5155300	CALI	416107 <sup>2B</sup>	51632408	TROS	416327	5166SH	JN-MN	470954 <sup>2B</sup>	51802	GARLK	472439
5155300	CALI	455073	516329	STUDE	42763	5166SS	JN-MN	470954 <sup>2B</sup>	5180285	GMC	410312N
5155445	GMC	470059	51633D	IH	415991	5167	TIMKE	5167	5180521	GMC	410694 <sup>2B</sup>
5155445	GMC	470380 <sup>2B</sup>	51633D	IH	455146 <sup>2B</sup>	5168	TIMKE	5168	518055R91	IH	203003
5155462	GMC	470548	51635607.5	TROS	417366 <sup>2B</sup>	516839	C-R	370005A	51814	GARLK	472572 <sup>2B</sup>
5155462	GMC	470625 <sup>2B</sup>	516393	GERL	416892 <sup>2B</sup>	516839	SKF	370005A	5182365	GMC	472012
5155621	GMC	471224 <sup>2B</sup>	51640010	TROS	417357	5168647	GMC	416125 <sup>2B</sup>	51826	GARLK	473238 <sup>2B</sup>
5155786	GMC	455144	51640010	TROS	455192 <sup>2B</sup>	5169	TIMKE	5169	51830-44000	HYUND	225010
51558	CLARK	470059	51640808	TROS	415142	51690	GARLK	473237 <sup>2B</sup>	5183507	GMC	416888 <sup>2B</sup>
51558	CLARK	470380 <sup>2B</sup>	51641208	TROS	455194	51690	SPICE	710577	5183507	GMC	455200
5156309	GMC	450593 <sup>2B</sup>	5164157	GMC	416921 <sup>2B</sup>	5170	TIMKE	5170	5183524AA	CHRY	710877
51566	GARLK	473230 <sup>2B</sup>	5164157	GMC	455011	51704	GARLK	472164 <sup>2B</sup>	51838	GARLK	473239 <sup>2B</sup>
515672	C-R	455035N	51641607.5	TROS	455195	5170539AA	CHRY	710645	5183965	GMC	450095
515672	SKF	455035N	51641607.5	TROS	472157 <sup>2B</sup>	5170540AA	CHRY	710668	5183965	GMC	473464 <sup>2B</sup>
5157536	GMC	450115	51641608	TROS	455195	517064	ALLCH	470120	5184	C-R	472467
5157536	GMC	473467	51641608	TROS	472157 <sup>2B</sup>	517064	ALLCH	471224 <sup>2B</sup>	5184	EIMCO	473451 <sup>2B</sup>
5157574	GMC	417134	5164463	GMC	415164N	5170LA	JN-MN	415991	5184	SKF	472467
51576	GARLK	473231 <sup>2B</sup>	5164468	GMC	417191	5170LA	JN-MN	455146 <sup>2B</sup>	51840S	TROS	350679
5157948	GMC	471646 <sup>2B</sup>	5164474	GMC	470163	51713-11000	HYUND	1196	51840S	TROS	470954 <sup>2B</sup>
5158063	GMC	450083	5164474	GMC	471766 <sup>2B</sup>	51713-21000	HYUND	229522	5184285AF	CHRY	711030
5158063	GMC	472924 <sup>2B</sup>	51645TA	TRSCM	417547	51713-21100	HYUND	229522	5184285AG	CHRY	711030
5158446	GMC	471787 <sup>2B</sup>	5164SS	JN-MN	471833 <sup>29</sup>	51713-21100	MITSU	229522	5184 441	FORD	223750
51585	CLARK	340151	5165357	GMC	415284	51713-31000	HYUND	224020	518449R91	IH	471737
51590	GARLK	473010 <sup>2B</sup>	5165359	GMC	415284	51713-36000	HYUND	225082	5184541AB	CHRY	710937
51598	GARLK	473232 <sup>2B</sup>	51657301-001	ALLCH	415458 <sup>2B</sup>	51713-37000	HYUND	710182	5184541AC	CHRY	710937
5161028	GMC	471570 <sup>2B</sup>	51657301-001	ALLCH	455003	51713-37100	HYUND	225450	5184576	GMC	455290
51611176001	ALLCH	471646 <sup>2B</sup>	5165730100100	ALLCH	415458 <sup>2B</sup>	51714	GARLK	472185 <sup>2B</sup>	51848	GARLK	473240 <sup>2B</sup>
51611176-002	ALLCH	471705 <sup>2B</sup>	51657301-001-003	ALLCH	415458 <sup>2B</sup>	51714-36000	HYUND	225230	5185065	GMC	350364
51611176-004	ALLCH	473016 <sup>2B</sup>	51657301-001-003	ALLCH	455003	51714-37000	HYUND	710183	51852	C-R	455956H
51611176-005	ALLCH	450070	51657301-002	ALLCH	416345 <sup>2B</sup>	51718	HYST	455189	51852	SKF	455956H
51611176-005	ALLCH	472185 <sup>2B</sup>	51657301-002	ALLCH	455033	5172000	GMC	6329S	518674	C-R	370037A
51611176006	ALLCH	471795	51657301-003	ALLCH	455134 <sup>2B</sup>	5172164	GMC	450030	518674	C-R	370338A
51611176-007	ALLCH	472475	51657301-004	ALLCH	412871 <sup>2B</sup>	5172164	GMC	474253	518674	SKF	370037A
51611176-008	ALLCH	415281N	51657301-004	ALLCH	450329	51726	GARLK	472179	518674	SKF	370338A
51611176-009	ALLCH	471647	51657301-005	ALLCH	416288 <sup>2B</sup>	517274A1	FORD	471231 <sup>2B</sup>	518680	C-R	370021A
51611176-010	ALLCH	415991	51657301-008	ALLCH	451948	517274A2	FORD	471231 <sup>2B</sup>	518680	SKF	370021A
51611176-010	ALLCH	455146 <sup>2B</sup>	51657301-009	ALLCH	450161	5173384	GMC	5872S	518682	C-R	370019A
51611176-011	ALLCH	415082	51657301-009	ALLCH	471764 <sup>2B</sup>	5173B	JN-MN	417600	518682	SKF	370019A
51611176-012	ALLCH	411394 <sup>2B</sup>	51657301-010	ALLCH	472144 <sup>2B</sup>	5174	TIMKE	5174	518683	C-R	370021A
51611176-012	ALLCH	450317	51657301-011	ALLCH	415035 <sup>2B</sup>	51749	GMC	410102	518683	SKF	370021A
51611176-013	ALLCH	473243	51657301-011	ALLCH	455035	5175136	GMC	470189	51869	GMC	473458
5161117605001	ALLCH	471646 <sup>2B</sup>	51657301-013	ALLCH	415725 <sup>2B</sup>	5175136	GMC	471692 <sup>2B</sup>	5186F	OSHKO	415995 <sup>2B</sup>
51611176-05-002	ALLCH	471705 <sup>2B</sup>	51657301-016	ALLCH	415991	5175276	GMC	472705 <sup>2B</sup>	5186F	OSHKO	455013
51611176-05-003	ALLCH	470163	51657301-016	ALLCH	455146 <sup>2B</sup>	517536	GERL	455019 <sup>2B</sup>	5187281	GMC	416107 <sup>2B</sup>
51611176-05-003	ALLCH	471766 <sup>2B</sup>	51657301-019	ALLCH	417344 <sup>2B</sup>	5175829AA	CHRY	710814	5187281	GMC	455073
51611176-05-004	ALLCH	473016 <sup>2B</sup>	51657301-019	ALLCH	455006	5175 829AB	CHRY	710814	51875	MASTE	481568 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
5188	TIMKE	5188	5194527	GMC	415991	51X1085	GARLK	450117	51X1242	GARLK	473464 <sup>28</sup>
518821R91	IH	6590S	5194527	GMC	455146 <sup>28</sup>	51X1085	GARLK	472572 <sup>28</sup>	51X1246	GARLK	412027 <sup>29</sup>
5189	TIMKE	5189	519471	ALLCH	471570 <sup>28</sup>	51X1086	GARLK	450117	51X1247	GARLK	412027 <sup>29</sup>
5189835AA	CHRYSLER	710598	5194955	GMC	415995 <sup>28</sup>	51X1086	GARLK	472572 <sup>28</sup>	51X1248	GARLK	412027
5189836AA	CHRYSLER	710923	5194955	GMC	455013	51X1090	GARLK	414045 <sup>28,29</sup>	51X1257	GARLK	473466
5189989AA	CHRYSLER	710598	5194959	GMC	416288 <sup>28</sup>	51X1091	GARLK	414045 <sup>28,29</sup>	51X1259	GARLK	472012 <sup>29</sup>
5189989AA	JEEP	710598	5195SS	JN-MN	1049	51X1092	GARLK	414045 <sup>28,29</sup>	51X1262	GARLK	450307 <sup>29</sup>
5189989AA	MITSU	710598	5196038	DETRO	471570V	51X110	GARLK	471529	51X1265	GARLK	450311 <sup>29</sup>
5189989AA	MOPAR	710598	5196633	GMC	340847	51X1105	GARLK	473240 <sup>28,29</sup>	51X1271	GARLK	416738 <sup>28</sup>
5190	ROTO	471281 <sup>28</sup>	5196852	GMC	710022	51X1106	GARLK	473240 <sup>28,29</sup>	51X1271	GARLK	450096
51901S	TROS	350394	51969	GMC	471551 <sup>28</sup>	51X1107	GARLK	473240 <sup>28</sup>	51X1272	GARLK	416738 <sup>28</sup>
51901S	TROS	473227	5197159	GMC	5460 <sup>30</sup>	51X1133	GARLK	473460	51X1272	GARLK	450096
519042	ALLCH	453165	5197860	GMC	455251H <sup>30</sup>	51X1136	GARLK	472394 <sup>29</sup>	51X1282	GARLK	451948
519042	ALLCH	471619 <sup>28</sup>	5197860	GMC	5460	51X1140	GARLK	473461 <sup>28</sup>	51X1283	GARLK	451948
5190707	GMC	417191	51983D	IH	416288 <sup>28</sup>	51X1151	GARLK	450472 <sup>28</sup>	51X1284	GARLK	451948
5190707	GMC	455165 <sup>28</sup>	5198502	FPDSL	J1107	51X1152	GARLK	450472 <sup>28</sup>	51X1285	GARLK	473466 <sup>29</sup>
5191189	GMC	415995 <sup>28</sup>	5198502	GMC	J1107	51X1153	GARLK	473241	51X1286	GARLK	473466 <sup>29</sup>
5191189	GMC	455013	5198503	GMC	452261H	51X1154	GARLK	473241 <sup>29</sup>	51X1287	GARLK	473466
5191190	GMC	450067	5198645	GMC	455956H	51X1155	GARLK	473241 <sup>29</sup>	51X1288	GARLK	472012 <sup>29</sup>
5191190	GMC	473228	5198LA	JN-MN	415047 <sup>29</sup>	51X1163	GARLK	450474 <sup>29</sup>	51X1289	GARLK	472012 <sup>29</sup>
5191214	GMC	415027 <sup>28</sup>	5198LUP	JN-MN	415047	51X1164	GARLK	450474 <sup>29</sup>	51X1290	GARLK	472012
5191214	GMC	455027	5199366	GMC	39910	51X1167	GARLK	50528	51X1291	GARLK	450307 <sup>29</sup>
5191357AA	CHRYSLER	710732	5199B	JN-MN	455576 <sup>28,29</sup>	51X1171	GARLK	473461 <sup>28</sup>	51X1292	GARLK	450307 <sup>29</sup>
5191357AA	JEEP	710732	51A-EX6	ALLCH	417267	51X1172	GARLK	473461 <sup>28</sup>	51X1293	GARLK	450307
5191358AA	CHRYSLER	223010	51A-MX7	ALLCH	450467	51X1173	GARLK	473461 <sup>28</sup>	51X1294	GARLK	450311 <sup>29</sup>
5191358AA	JEEP	223010	51A-TX4	ALLCH	200354	51X1174	GARLK	471391 <sup>28,29</sup>	51X1295	GARLK	450311 <sup>29</sup>
5191359AA	CHRYSLER	710733	51JG-1	KEN	450352	51X1175	GARLK	471391 <sup>28,29</sup>	51X1296	GARLK	450311
5191359AA	JEEP	710733	51JG-1	KEN	472164 <sup>28</sup>	51X1176	GARLK	471391 <sup>28</sup>	51X1300	GARLK	416738 <sup>28</sup>
5191600	GMC	416288 <sup>28</sup>	51X100	GARLK	481537	51X1180	GARLK	450094	51X1300	GARLK	450096
5191707	GMC	410694 <sup>28</sup>	51X1006	GARLK	473451 <sup>28</sup>	51X1180	GARLK	473462	51X1301	GARLK	416738 <sup>28</sup>
5191708	GMC	470088	51X1007	GARLK	473451 <sup>28</sup>	51X1181	GARLK	450094	51X1301	GARLK	450096
5191745	GMC	415025	51X1008	GARLK	473451 <sup>28</sup>	51X1181	GARLK	473462	51X1302	GARLK	416738 <sup>28</sup>
5191843	GMC	471526 <sup>28</sup>	51X101	GARLK	481537	51X1182	GARLK	450094	51X1302	GARLK	450096
5191923	GMC	415035 <sup>28</sup>	51X1012	GARLK	473452 <sup>29</sup>	51X1182	GARLK	473462	51X1306	GARLK	450313 <sup>29</sup>
5191923	GMC	455035	51X1013	GARLK	473452 <sup>29</sup>	51X1202	GARLK	470530 <sup>28</sup>	51X1307	GARLK	450313 <sup>29</sup>
5191925	GMC	412473 <sup>28</sup>	51X1014	GARLK	473452	51X1208	GARLK	473463	51X1308	GARLK	450313
5191925	GMC	415894	51X102	GARLK	481073 <sup>29</sup>	51X122	GARLK	470506 <sup>28</sup>	51X1312	GARLK	450343 <sup>29</sup>
5192250	GMC	471442 <sup>28</sup>	51X1022	GARLK	473453 <sup>29</sup>	51X1222	GARLK	450083	51X1313	GARLK	450343 <sup>29</sup>
5192267	GMC	471466 <sup>28</sup>	51X1023	GARLK	473453 <sup>29</sup>	51X1222	GARLK	472924 <sup>28</sup>	51X1314	GARLK	450343 <sup>29</sup>
5192438	GMC	6370N	51X1049	GARLK	450117	51X1223	GARLK	450083	51X1331	GARLK	410308 <sup>28</sup>
5192505	GMC	68635 <sup>28</sup>	51X1049	GARLK	472572 <sup>28</sup>	51X1223	GARLK	472924 <sup>28</sup>	51X1331	GARLK	450308
5192617	GMC	416666	51X105	GARLK	481397 <sup>29</sup>	51X1224	GARLK	450083	51X1332	GARLK	410308 <sup>28</sup>
5192620	GMC	471466 <sup>28</sup>	51X1055	GARLK	414045 <sup>28,29</sup>	51X1224	GARLK	472924 <sup>28</sup>	51X1332	GARLK	450308
5192776	GMC	455251H	51X1056	GARLK	414045 <sup>28,29</sup>	51X1225	GARLK	470530 <sup>28</sup>	51X1334	GARLK	410312N
519289	C-R	481181N	51X106	GARLK	481397	51X1226	GARLK	470530 <sup>28,29</sup>	51X1339	GARLK	450121
519289	SKF	481181N	51X1064	GARLK	450298	51X1227	GARLK	470530 <sup>28,29</sup>	51X1339	GARLK	472409 <sup>28</sup>
5193122	GMC	471138 <sup>28</sup>	51X1064	GARLK	473239	51X1228	GARLK	450301	51X1340	GARLK	450121
5193274	GMC	415991	51X1067	GARLK	473457 <sup>28</sup>	51X1228	GARLK	472397 <sup>28</sup>	51X1340	GARLK	472409 <sup>28</sup>
5193274	GMC	455146 <sup>28</sup>	51X1068	GARLK	473457 <sup>28</sup>	51X1229	GARLK	450301	51X1358	GARLK	416267 <sup>28,29</sup>
5193413	GMC	5460 <sup>30</sup>	51X1070	GARLK	473240 <sup>28,29</sup>	51X1229	GARLK	472397 <sup>28</sup>	51X1361	GARLK	450867
5193599	GMC	471255 <sup>28</sup>	51X1071	GARLK	473240 <sup>28</sup>	51X1230	GARLK	450301	51X1361	GARLK	470898
5193684	DETROIT	471733	51X1077	GARLK	473458 <sup>29</sup>	51X1230	GARLK	472397 <sup>28</sup>	51X1362	GARLK	450365
5193684	GMC	471733	51X1078	GARLK	472439 <sup>29</sup>	51X1231	GARLK	473463 <sup>29</sup>	51X1362	GARLK	470898
5193LPD	JN-MN	416156	51X1079	GARLK	472439 <sup>29</sup>	51X1232	GARLK	473463 <sup>29</sup>	51X1363	GARLK	450115
5194019	GMC	450083	51X1080	GARLK	472439	51X1233	GARLK	473463	51X1363	GARLK	473467
5194019	GMC	472924 <sup>28</sup>	51X1081	GARLK	471868 <sup>29</sup>	51X1240	GARLK	450095	51X1364	GARLK	450115
5194233	GMC	412871 <sup>28</sup>	51X1082	GARLK	471868 <sup>29</sup>	51X1240	GARLK	473464 <sup>28</sup>	51X1364	GARLK	473467
5194233	GMC	450329	51X1083	GARLK	471868	51X1241	GARLK	450095	51X1365	GARLK	450115
5194382	GMC	450352	51X1084	GARLK	450117	51X1241	GARLK	473464 <sup>28</sup>	51X1365	GARLK	473467
5194382	GMC	472164 <sup>28</sup>	51X1084	GARLK	472572 <sup>28</sup>	51X1242	GARLK	450095	51X1366	GARLK	472015 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X1367	GARLK	472015 <sup>28</sup>	51X1531	GARLK	450099	51X1665	GARLK	450103	51X1829	GARLK	455079 <sup>28,29</sup>
51X1368	GARLK	472015 <sup>28</sup>	51X1532	GARLK	411253 <sup>28</sup>	51X1667	GARLK	416271 <sup>28,29</sup>	51X184	GARLK	471645
51X1369	GARLK	410308 <sup>28</sup>	51X1532	GARLK	450099	51X1673	GARLK	410825	51X1840	GARLK	450519
51X1369	GARLK	450308	51X1533	GARLK	411253 <sup>28</sup>	51X1674	GARLK	410825 <sup>29</sup>	51X1840	GARLK	471271 <sup>28</sup>
51X1370	GARLK	410308 <sup>28</sup>	51X1533	GARLK	450099	51X1676	GARLK	416071 <sup>29</sup>	51X1841	GARLK	450519
51X1370	GARLK	450308	51X1534	GARLK	412920 <sup>28</sup>	51X1687	GARLK	473475 <sup>29</sup>	51X1841	GARLK	471271 <sup>28</sup>
51X1371	GARLK	410308 <sup>28</sup>	51X1534	GARLK	450132	51X1688	GARLK	473475	51X1842	GARLK	450519
51X1371	GARLK	450308	51X1535	GARLK	412920 <sup>28</sup>	51X1689	GARLK	473475 <sup>29</sup>	51X1842	GARLK	471271 <sup>28</sup>
51X1372	GARLK	410312N	51X1535	GARLK	450132	51X169	GARLK	474273	51X1852	GARLK	415449 <sup>28</sup>
51X1373	GARLK	410312N	51X1536	GARLK	412920 <sup>28</sup>	51X1693	GARLK	413246	51X1852	GARLK	455147
51X1374	GARLK	410312N	51X1536	GARLK	450132	51X1693	GARLK	413246N	51X1853	GARLK	415449 <sup>28</sup>
51X1379	GARLK	450621	51X1537	GARLK	455136 <sup>29</sup>	51X1694	GARLK	413246	51X1853	GARLK	455147
51X1380	GARLK	450621 <sup>29</sup>	51X1538	GARLK	455136 <sup>29</sup>	51X1694	GARLK	413246N	51X1854	GARLK	415449 <sup>28</sup>
51X1386	GARLK	450869 <sup>29</sup>	51X1539	GARLK	455136	51X1695	GARLK	413246	51X1854	GARLK	455147
51X1396	GARLK	416267 <sup>28,29</sup>	51X154	GARLK	470390	51X1695	GARLK	413246N	51X1855	GARLK	415001 <sup>28</sup>
51X1397	GARLK	416267 <sup>28,29</sup>	51X1540	GARLK	411376 <sup>28</sup>	51X1696	GARLK	412119 <sup>28</sup>	51X1855	GARLK	455001
51X1398	GARLK	416267 <sup>28</sup>	51X1540	GARLK	455093	51X1696	GARLK	450101	51X1856	GARLK	415001 <sup>28</sup>
51X1407	GARLK	473471 <sup>29</sup>	51X1541	GARLK	411376 <sup>28</sup>	51X1697	GARLK	412119 <sup>28</sup>	51X1856	GARLK	455001
51X1409	GARLK	472020 <sup>29</sup>	51X1541	GARLK	455093	51X1697	GARLK	450101	51X1857	GARLK	415001 <sup>28</sup>
51X1424	GARLK	412943 <sup>29</sup>	51X1542	GARLK	411376 <sup>28</sup>	51X1698	GARLK	412119 <sup>28</sup>	51X1857	GARLK	455001
51X1435	GARLK	472234 <sup>29</sup>	51X1542	GARLK	455093	51X1698	GARLK	450101	51X1858	GARLK	416273 <sup>28</sup>
51X1436	GARLK	472234 <sup>29</sup>	51X1546	GARLK	415234 <sup>28,29</sup>	51X1699	GARLK	413247 <sup>28</sup>	51X1859	GARLK	416273 <sup>28</sup>
51X1437	GARLK	472234	51X1547	GARLK	415234 <sup>28,29</sup>	51X1699	GARLK	450350	51X186	GARLK	471686
51X1438	GARLK	472018 <sup>29</sup>	51X1548	GARLK	415234 <sup>28,29</sup>	51X170	GARLK	474273	51X1860	GARLK	416273 <sup>28</sup>
51X1439	GARLK	472018	51X1549	GARLK	415259 <sup>28,29</sup>	51X1700	GARLK	413247 <sup>28</sup>	51X1861	GARLK	455079 <sup>28,29</sup>
51X1440	GARLK	472018 <sup>29</sup>	51X1550	GARLK	415259 <sup>28,29</sup>	51X1700	GARLK	450350	51X1862	GARLK	455079 <sup>28,29</sup>
51X1441	GARLK	473471 <sup>29</sup>	51X1551	GARLK	415259 <sup>28</sup>	51X1701	GARLK	413247 <sup>28</sup>	51X1863	GARLK	455079 <sup>28</sup>
51X1442	GARLK	473471	51X1562	GARLK	472150 <sup>29</sup>	51X1701	GARLK	450350	51X187	GARLK	473412 <sup>29</sup>
51X1443	GARLK	473471 <sup>29</sup>	51X1574	GARLK	411394 <sup>28</sup>	51X1705	GARLK	416271 <sup>28,29</sup>	51X188	GARLK	473412
51X1444	GARLK	472020 <sup>29</sup>	51X1574	GARLK	450317	51X1706	GARLK	416271 <sup>28,29</sup>	51X1882	GARLK	413479 <sup>29</sup>
51X1445	GARLK	472020 <sup>29</sup>	51X1577	GARLK	410694 <sup>28,29</sup>	51X1707	GARLK	416271 <sup>28</sup>	51X1883	GARLK	413479 <sup>29</sup>
51X1446	GARLK	472020	51X1579	GARLK	450133 <sup>29</sup>	51X1714	GARLK	416071 <sup>29</sup>	51X1884	GARLK	413479
51X1450	GARLK	470354 <sup>29</sup>	51X1580	GARLK	450133 <sup>29</sup>	51X1715	GARLK	416071 <sup>29</sup>	51X1886	GARLK	415302 <sup>29</sup>
51X1451	GARLK	470354	51X1586	GARLK	416444 <sup>29</sup>	51X1716	GARLK	416071	51X1887	GARLK	415302
51X1452	GARLK	470354 <sup>29</sup>	51X159	GARLK	481443 <sup>28</sup>	51X1724	GARLK	471887 <sup>29</sup>	51X1889	GARLK	455311 <sup>29</sup>
51X1472	GARLK	471341 <sup>28</sup>	51X1595	GARLK	455321 <sup>29</sup>	51X1736	GARLK	412040 <sup>29</sup>	51X189	GARLK	471729 <sup>29</sup>
51X1478	GARLK	473473	51X1596	GARLK	455321	51X1748	GARLK	411245 <sup>28</sup>	51X1890	GARLK	455311
51X1479	GARLK	473473	51X160	GARLK	481443 <sup>28,29</sup>	51X1748	GARLK	455096	51X1891	GARLK	415988 <sup>29</sup>
51X1487	GARLK	410737 <sup>28</sup>	51X1600	GARLK	472150 <sup>29</sup>	51X175	GARLK	450431	51X1892	GARLK	415988 <sup>29</sup>
51X1487	GARLK	450737	51X1601	GARLK	472150 <sup>29</sup>	51X175	GARLK	471539 <sup>28</sup>	51X1893	GARLK	415988 <sup>29</sup>
51X1488	GARLK	410737 <sup>28</sup>	51X1602	GARLK	472150	51X176	GARLK	450431	51X1894	GARLK	417481 <sup>29</sup>
51X1502	GARLK	455136 <sup>29</sup>	51X161	GARLK	481568 <sup>28</sup>	51X176	GARLK	471539 <sup>28</sup>	51X1895	GARLK	417481 <sup>29</sup>
51X1503	GARLK	455136	51X1612	GARLK	411394 <sup>28</sup>	51X1771	GARLK	412040 <sup>29</sup>	51X1896	GARLK	417481 <sup>29</sup>
51X1507	GARLK	472299 <sup>29</sup>	51X1612	GARLK	450317	51X1772	GARLK	412040 <sup>29</sup>	51X1897	GARLK	455280 <sup>29</sup>
51X1508	GARLK	472299 <sup>29</sup>	51X1613	GARLK	411394 <sup>28</sup>	51X1773	GARLK	412040	51X1898	GARLK	455280 <sup>29</sup>
51X1509	GARLK	450441	51X1613	GARLK	450317	51X178	GARLK	471231 <sup>28</sup>	51X1899	GARLK	455280 <sup>29</sup>
51X1509	GARLK	471341 <sup>28</sup>	51X1614	GARLK	411394 <sup>28</sup>	51X1780	GARLK	450104 <sup>29</sup>	51X190	GARLK	471729
51X1510	GARLK	410520	51X1614	GARLK	450317	51X1781	GARLK	450104 <sup>29</sup>	51X1909	GARLK	411330N
51X1510	GARLK	471272 <sup>28</sup>	51X162	GARLK	481568 <sup>28,29</sup>	51X1782	GARLK	450104	51X1910	GARLK	411330N
51X1511	GARLK	410520	51X1633	GARLK	455321 <sup>29</sup>	51X1783	GARLK	411245 <sup>28</sup>	51X1911	GARLK	411330N
51X1511	GARLK	471272 <sup>28</sup>	51X1634	GARLK	455321 <sup>29</sup>	51X1783	GARLK	455096	51X1912	GARLK	415302 <sup>29</sup>
51X1512	GARLK	410520	51X1635	GARLK	455321	51X1784	GARLK	411245 <sup>28</sup>	51X1913	GARLK	415302 <sup>29</sup>
51X1512	GARLK	471272 <sup>28</sup>	51X1640	GARLK	473474 <sup>29</sup>	51X1784	GARLK	455096	51X1914	GARLK	415302
51X1518	GARLK	471138 <sup>28</sup>	51X1643	GARLK	470565 <sup>28,29</sup>	51X1785	GARLK	411245 <sup>28</sup>	51X1915	GARLK	455311 <sup>29</sup>
51X1522	GARLK	410737 <sup>28</sup>	51X1649	GARLK	473475	51X1785	GARLK	455096	51X1916	GARLK	455311 <sup>29</sup>
51X1522	GARLK	450737	51X1655	GARLK	413246	51X179	GARLK	474253	51X1917	GARLK	455311
51X1523	GARLK	410737 <sup>28</sup>	51X1655	GARLK	413246N	51X180	GARLK	472394 <sup>29</sup>	51X1918	GARLK	415988 <sup>29</sup>
51X1523	GARLK	450737	51X166	GARLK	481644 <sup>29</sup>	51X181	GARLK	450588 <sup>29</sup>	51X1919	GARLK	415988 <sup>29</sup>
51X1524	GARLK	410737 <sup>28</sup>	51X1664	GARLK	410987 <sup>28</sup>	51X1811	GARLK	410496 <sup>28</sup>	51X1920	GARLK	415988 <sup>29</sup>
51X1531	GARLK	411253 <sup>28</sup>	51X1665	GARLK	410987 <sup>28</sup>	51X182	GARLK	450588	51X1921	GARLK	417481 <sup>29</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X1922	GARLK	417481 <sup>29</sup>	51X2057	GARLK	455364	51X2157	GARLK	416956 <sup>29</sup>	51X2994	GARLK	417258
51X1923	GARLK	417481	51X2058	GARLK	416664 <sup>28</sup>	51X2158	GARLK	416956 <sup>29</sup>	51X2995	GARLK	417258 <sup>29</sup>
51X1924	GARLK	455280 <sup>29</sup>	51X2058	GARLK	455364	51X2159	GARLK	416956	51X300	GARLK	471744 <sup>28</sup>
51X1925	GARLK	455280 <sup>29</sup>	51X2059	GARLK	417484N	51X2160	GARLK	417159 <sup>29</sup>	51X301	GARLK	471760 <sup>29</sup>
51X1926	GARLK	455280 <sup>29</sup>	51X2059	GARLK	455322	51X2161	GARLK	417159 <sup>29</sup>	51X302	GARLK	471760
51X1931	GARLK	412871 <sup>28</sup>	51X2060	GARLK	417484N	51X2162	GARLK	417159 <sup>29</sup>	51X303	GARLK	453165
51X1931	GARLK	450329	51X2060	GARLK	455322	51X2163	GARLK	416654 <sup>28</sup>	51X303	GARLK	471619 <sup>28</sup>
51X1934	GARLK	413248	51X2061	GARLK	417484N	51X2163	GARLK	455012	51X304	GARLK	453165
51X1937	GARLK	450412 <sup>29</sup>	51X2061	GARLK	455322	51X2164	GARLK	416654 <sup>28</sup>	51X304	GARLK	471619 <sup>28</sup>
51X1938	GARLK	450412	51X2062	GARLK	415984 <sup>28</sup>	51X2164	GARLK	455012	51X308	GARLK	481650 <sup>29</sup>
51X1947	GARLK	415458 <sup>28</sup>	51X2063	GARLK	415984 <sup>28</sup>	51X2165	GARLK	416654 <sup>28</sup>	51X341	GARLK	450044 <sup>29</sup>
51X1947	GARLK	455003	51X2064	GARLK	415984 <sup>28</sup>	51X2165	GARLK	455012	51X342	GARLK	450044
51X1949	GARLK	417343 <sup>28,29</sup>	51X2065	GARLK	417316 <sup>28</sup>	51X2166	GARLK	417486 <sup>29</sup>	51X347	GARLK	450159 <sup>29</sup>
51X1953	GARLK	415007 <sup>29</sup>	51X2065	GARLK	455004	51X2167	GARLK	417486 <sup>29</sup>	51X348	GARLK	450159
51X1956	GARLK	417082 <sup>29</sup>	51X2066	GARLK	417316 <sup>28</sup>	51X2190	GARLK	55548 <sup>29</sup>	51X3596	GARLK	417600 <sup>29</sup>
51X196	GARLK	473414 <sup>29</sup>	51X2066	GARLK	455004	51X2191	GARLK	55548 <sup>29</sup>	51X3597	GARLK	417600
51X1960	GARLK	413248	51X2067	GARLK	417316 <sup>28</sup>	51X2196	GARLK	455820 <sup>29</sup>	51X3600	GARLK	417601 <sup>29</sup>
51X1961	GARLK	413248	51X2067	GARLK	455004	51X2197	GARLK	455820 <sup>29</sup>	51X3601	GARLK	417601
51X1962	GARLK	413248	51X2068	GARLK	415960	51X2223	GARLK	455020 <sup>29</sup>	51X3609	GARLK	417022 <sup>29</sup>
51X1966	GARLK	415483 <sup>28</sup>	51X2068	GARLK	455009	51X2224	GARLK	455020 <sup>29</sup>	51X3610	GARLK	417604 <sup>29</sup>
51X1966	GARLK	455368	51X2069	GARLK	415960	51X241	GARLK	450038 <sup>29</sup>	51X3611	GARLK	417567 <sup>29</sup>
51X1967	GARLK	415483 <sup>28</sup>	51X2069	GARLK	455009	51X242	GARLK	450038	51X3619	GARLK	455462
51X1967	GARLK	455368	51X2070	GARLK	415960	51X2436	GARLK	415832 <sup>29</sup>	51X3623	GARLK	415090
51X1968	GARLK	415483 <sup>28</sup>	51X2070	GARLK	455009	51X2437	GARLK	415832 <sup>29</sup>	51X364	GARLK	471736
51X1968	GARLK	455368	51X2086	GARLK	455005 <sup>29</sup>	51X257	GARLK	472951	51X3647	GARLK	417606 <sup>29</sup>
51X1972	GARLK	415458 <sup>28</sup>	51X2087	GARLK	455005 <sup>29</sup>	51X257	GARLK	474252	51X3648	GARLK	417606
51X1972	GARLK	455003	51X2088	GARLK	455005	51X258	GARLK	472951	51X366	GARLK	473428
51X1973	GARLK	415458 <sup>28</sup>	51X2089	GARLK	417485 <sup>29</sup>	51X258	GARLK	474252	51X3660	GARLK	417605 <sup>29</sup>
51X1973	GARLK	455003	51X2090	GARLK	417485 <sup>29</sup>	51X259	GARLK	450039 <sup>29</sup>	51X3673	GARLK	417020
51X1974	GARLK	415458 <sup>28</sup>	51X2091	GARLK	417485 <sup>29</sup>	51X260	GARLK	450039	51X368	GARLK	450161
51X1974	GARLK	455003	51X2092	GARLK	475384 <sup>29</sup>	51X269	GARLK	451583 <sup>28,29</sup>	51X368	GARLK	471764 <sup>28</sup>
51X1975	GARLK	417343 <sup>28,29</sup>	51X2093	GARLK	475384 <sup>29</sup>	51X270	GARLK	451583 <sup>28,29</sup>	51X3680	GARLK	415227 <sup>28</sup>
51X1976	GARLK	417343 <sup>28,29</sup>	51X2094	GARLK	475384 <sup>29</sup>	51X2706	GARLK	417238	51X3694	GARLK	415482
51X1977	GARLK	417343 <sup>28</sup>	51X2101	GARLK	455005 <sup>29</sup>	51X2707	GARLK	417238 <sup>29</sup>	51X37	GARLK	68635 <sup>28</sup>
51X1978	GARLK	415007 <sup>29</sup>	51X2102	GARLK	455005 <sup>29</sup>	51X271	GARLK	450545 <sup>29</sup>	51X3705	GARLK	415076 <sup>29</sup>
51X1979	GARLK	415007 <sup>29</sup>	51X2103	GARLK	455005	51X272	GARLK	450545	51X375	GARLK	450362
51X1980	GARLK	415007 <sup>29</sup>	51X2104	GARLK	417485 <sup>29</sup>	51X273	GARLK	471648 <sup>29</sup>	51X376	GARLK	450362 <sup>29</sup>
51X1981	GARLK	417082 <sup>29</sup>	51X2105	GARLK	417485 <sup>29</sup>	51X274	GARLK	471648 <sup>29</sup>	51X38	GARLK	68635 <sup>28</sup>
51X1982	GARLK	417082 <sup>29</sup>	51X2106	GARLK	417485 <sup>29</sup>	51X276	GARLK	471688	51X385	GARLK	473426 <sup>29</sup>
51X1983	GARLK	417082 <sup>29</sup>	51X2116	GARLK	415303 <sup>28</sup>	51X277	GARLK	450040 <sup>29</sup>	51X3863	GARLK	350435
51X1995	GARLK	455434	51X2119	GARLK	417344 <sup>28</sup>	51X278	GARLK	450040	51X3869	GARLK	472705 <sup>28</sup>
51X200	GARLK	473414 <sup>29</sup>	51X2119	GARLK	455006	51X279	GARLK	451082 <sup>29</sup>	51X3871	GARLK	450342
51X2014	GARLK	455434 <sup>29</sup>	51X2130	GARLK	415303 <sup>28</sup>	51X280	GARLK	451082	51X3874	GARLK	471747 <sup>28</sup>
51X2015	GARLK	455434 <sup>29</sup>	51X2131	GARLK	415303 <sup>28</sup>	51X285	GARLK	450339 <sup>29</sup>	51X3874	GARLK	472674
51X2016	GARLK	455434	51X2132	GARLK	417344 <sup>28</sup>	51X286	GARLK	450339	51X3882	GARLK	471344 <sup>29</sup>
51X2023	GARLK	455151 <sup>29</sup>	51X2132	GARLK	455006	51X287	GARLK	471224 <sup>28</sup>	51X3886	GARLK	450090 <sup>29</sup>
51X2024	GARLK	455151 <sup>29</sup>	51X2133	GARLK	417344 <sup>28</sup>	51X288	GARLK	470120	51X3889	GARLK	450965 <sup>29</sup>
51X2025	GARLK	455151	51X2133	GARLK	455006	51X288	GARLK	471224 <sup>28</sup>	51X39	GARLK	474277
51X2026	GARLK	455008 <sup>29</sup>	51X2134	GARLK	417344 <sup>28</sup>	51X289	GARLK	473380 <sup>29</sup>	51X3902	GARLK	455080 <sup>29</sup>
51X2027	GARLK	455008 <sup>29</sup>	51X2134	GARLK	455006	51X290	GARLK	473380	51X3905	GARLK	472234 <sup>29</sup>
51X2028	GARLK	455008 <sup>29</sup>	51X2135	GARLK	416404 <sup>28,29</sup>	51X291	GARLK	471649 <sup>28</sup>	51X3906	GARLK	472234
51X2033	GARLK	480491 <sup>29</sup>	51X2136	GARLK	416404 <sup>28,29</sup>	51X292	GARLK	470219	51X3909	GARLK	416921 <sup>28</sup>
51X2034	GARLK	480491	51X2137	GARLK	416404 <sup>28,29</sup>	51X292	GARLK	471649 <sup>28</sup>	51X3909	GARLK	455011
51X204	GARLK	473415	51X2138	GARLK	416921 <sup>28</sup>	51X293	GARLK	471689 <sup>28</sup>	51X3910	GARLK	417486 <sup>29</sup>
51X2042	GARLK	415984 <sup>28</sup>	51X2138	GARLK	455011	51X294	GARLK	471689 <sup>28</sup>	51X3912	GARLK	415995 <sup>28</sup>
51X2051	GARLK	416706 <sup>28</sup>	51X2139	GARLK	416921 <sup>28</sup>	51X295	GARLK	450593 <sup>28,29</sup>	51X3912	GARLK	455013
51X2051	GARLK	455272	51X2139	GARLK	455011	51X296	GARLK	450593 <sup>28</sup>	51X3924	GARLK	417602 <sup>28</sup>
51X2056	GARLK	416664 <sup>28</sup>	51X2140	GARLK	416921 <sup>28</sup>	51X297	GARLK	471733 <sup>29</sup>	51X3932	GARLK	455123
51X2056	GARLK	455364	51X2140	GARLK	455011	51X298	GARLK	471733	51X3983	GARLK	417606 <sup>29</sup>
51X2057	GARLK	416664 <sup>28</sup>	51X2156	GARLK	417486 <sup>29</sup>	51X299	GARLK	471744 <sup>28,29</sup>	51X40	GARLK	474277

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X403	GARLK	450048 <sup>29</sup>	51X4688	GARLK	455104	51X4842	GARLK	471472 <sup>28</sup>	51X4982	GARLK	417547 <sup>29</sup>
51X404	GARLK	450048	51X4691	GARLK	473475 <sup>29</sup>	51X4844	GARLK	415001 <sup>28</sup>	51X4987	GARLK	415458 <sup>28</sup>
51X405	GARLK	450173 <sup>29</sup>	51X4693	GARLK	472144 <sup>28,29</sup>	51X4844	GARLK	455001	51X4987	GARLK	455003
51X406	GARLK	450173	51X4695	GARLK	416229 <sup>29</sup>	51X4847	GARLK	450431	51X4988	GARLK	470403
51X425	GARLK	471750 <sup>28</sup>	51X4704	GARLK	471785 <sup>28</sup>	51X4847	GARLK	471539 <sup>28</sup>	51X4988	GARLK	470774 <sup>28</sup>
51X434	GARLK	450177 <sup>29</sup>	51X4710	GARLK	455026 <sup>29</sup>	51X485	GARLK	472826 <sup>28</sup>	51X4991	GARLK	455480 <sup>28</sup>
51X435	GARLK	450177 <sup>29</sup>	51X4712	GARLK	456105 <sup>29</sup>	51X4854	GARLK	415035	51X4992	GARLK	473237 <sup>28</sup>
51X444	GARLK	471808 <sup>28</sup>	51X4717	GARLK	455019 <sup>28</sup>	51X4854	GARLK	415953	51X4998	GARLK	417486 <sup>29</sup>
51X4483	GARLK	415442 <sup>28</sup>	51X4718	GARLK	473212 <sup>28</sup>	51X4855	GARLK	481537 <sup>29</sup>	51X5	GARLK	350364
51X4484	GARLK	455396 <sup>29</sup>	51X4720	GARLK	416107 <sup>28</sup>	51X4861	GARLK	473226 <sup>29</sup>	51X5002	GARLK	415683 <sup>29</sup>
51X449	GARLK	470050	51X4720	GARLK	455073	51X4862	GARLK	471870 <sup>28</sup>	51X5005	GARLK	450183
51X450	GARLK	470050 <sup>29</sup>	51X4723	GARLK	417134	51X4862	GARLK	471883	51X5005	GARLK	472179
51X452	GARLK	473424 <sup>28</sup>	51X4727	GARLK	416865 <sup>28,29</sup>	51X4865	GARLK	417254 <sup>29</sup>	51X5007	GARLK	472287 <sup>28,29</sup>
51X4560	GARLK	415294 <sup>28</sup>	51X4729	GARLK	457874	51X487	GARLK	473421 <sup>29</sup>	51X5008	GARLK	415437 <sup>28</sup>
51X4560	GARLK	455294	51X4732	GARLK	417196 <sup>28,29</sup>	51X4871	GARLK	470954 <sup>28,29</sup>	51X5008	GARLK	455173
51X4579	GARLK	470088	51X4734	GARLK	415082 <sup>29</sup>	51X4872	GARLK	417597 <sup>29</sup>	51X5025	GARLK	416288 <sup>28,29</sup>
51X4580	GARLK	415023	51X4735	GARLK	411376 <sup>28</sup>	51X4873	GARLK	416888 <sup>28</sup>	51X5028	GARLK	455476 <sup>29</sup>
51X4586	GARLK	471570 <sup>28</sup>	51X4735	GARLK	455093	51X4873	GARLK	455200	51X5030	GARLK	415023
51X4589	GARLK	450400 <sup>29</sup>	51X4736	GARLK	55028 <sup>29</sup>	51X4876	GARLK	455406 <sup>28,29</sup>	51X5031	GARLK	415072 <sup>29</sup>
51X4590	GARLK	450352	51X4738	GARLK	416011	51X4878	GARLK	417602 <sup>28</sup>	51X5041	GARLK	471538 <sup>28,29</sup>
51X4590	GARLK	472164 <sup>28</sup>	51X4738	GARLK	417621 <sup>28</sup>	51X488	GARLK	473421 <sup>29</sup>	51X5043	GARLK	415371 <sup>29</sup>
51X4592	GARLK	450365	51X4740	GARLK	414045 <sup>28,29</sup>	51X4882	GARLK	417262 <sup>28</sup>	51X5049	GARLK	415034 <sup>28</sup>
51X4592	GARLK	470898	51X4745	GARLK	415991	51X4882	GARLK	455448	51X5049	GARLK	455034
51X4593	GARLK	411330N	51X4745	GARLK	455146 <sup>28</sup>	51X4883	GARLK	417269 <sup>28</sup>	51X5050	GARLK	350364 <sup>29</sup>
51X46	GARLK	470004 <sup>28</sup>	51X4752	GARLK	417512 <sup>29</sup>	51X489	GARLK	473421 <sup>29</sup>	51X5051	GARLK	417539 <sup>28,29</sup>
51X4600	GARLK	472432	51X4754	GARLK	470027	51X4891	GARLK	471862 <sup>29</sup>	51X5053	GARLK	473242 <sup>29</sup>
51X4600	GARLK	474256	51X4754	GARLK	471554 <sup>28</sup>	51X4897	GARLK	415025 <sup>29</sup>	51X5059	GARLK	417351 <sup>28</sup>
51X4603	GARLK	471231 <sup>28</sup>	51X4766	GARLK	450069	51X4899	GARLK	455536 <sup>29</sup>	51X5059	GARLK	455154
51X4605	GARLK	470027	51X4766	GARLK	473232	51X490	GARLK	473211 <sup>28,29</sup>	51X5060	GARLK	455336 <sup>29</sup>
51X4605	GARLK	471554 <sup>28</sup>	51X4768	GARLK	415482 <sup>29</sup>	51X4900	GARLK	471391 <sup>28,29</sup>	51X5061	GARLK	415483 <sup>28</sup>
51X4610	GARLK	415871 <sup>29</sup>	51X4771	GARLK	416892 <sup>28</sup>	51X4902	GARLK	417269 <sup>28</sup>	51X5061	GARLK	455368
51X4640	GARLK	415991	51X4772	GARLK	416345 <sup>28</sup>	51X4904	GARLK	416556 <sup>28</sup>	51X5063	GARLK	55028 <sup>29</sup>
51X4640	GARLK	455146 <sup>28</sup>	51X4772	GARLK	455033	51X4904	GARLK	472157	51X5066	GARLK	415045 <sup>28</sup>
51X4645	GARLK	450143	51X4774	GARLK	550785 <sup>29</sup>	51X491	GARLK	473211 <sup>28</sup>	51X5078	GARLK	450301
51X4646	GARLK	412119 <sup>28</sup>	51X4775	GARLK	417526 <sup>29</sup>	51X4912	GARLK	415150 <sup>28</sup>	51X5078	GARLK	472397 <sup>28</sup>
51X4646	GARLK	450101	51X4780	GARLK	416892 <sup>28</sup>	51X4914	GARLK	416271 <sup>28,29</sup>	51X5079	GARLK	416339
51X4651	GARLK	415035 <sup>28</sup>	51X4781	GARLK	471549 <sup>28</sup>	51X4916	GARLK	450365	51X5079	GARLK	455031 <sup>28</sup>
51X4651	GARLK	455035	51X4783	GARLK	417541 <sup>29</sup>	51X4916	GARLK	470898	51X511	GARLK	473435 <sup>29</sup>
51X4652	GARLK	416239 <sup>28,29</sup>	51X4784	GARLK	415072 <sup>29</sup>	51X492	GARLK	473211 <sup>28,29</sup>	51X512	GARLK	473435 <sup>29</sup>
51X4654	GARLK	417172 <sup>29</sup>	51X4785	GARLK	415124 <sup>29</sup>	51X4924	GARLK	417597 <sup>29</sup>	51X513	GARLK	473435 <sup>29</sup>
51X4659	GARLK	450489	51X4787	GARLK	476470	51X4925	GARLK	417606 <sup>29</sup>	51X514	GARLK	473436 <sup>29</sup>
51X4659	GARLK	473244	51X4788	GARLK	415066 <sup>29</sup>	51X4928	GARLK	416154 <sup>28,29</sup>	51X515	GARLK	473436
51X4662	GARLK	470506 <sup>28</sup>	51X4789	GARLK	415327 <sup>29</sup>	51X4929	GARLK	455462 <sup>29</sup>	51X516	GARLK	473436 <sup>29</sup>
51X4665	GARLK	450316	51X4790	GARLK	416288 <sup>28,29</sup>	51X493	GARLK	473212 <sup>28</sup>	51X520	GARLK	450054 <sup>29</sup>
51X4665	GARLK	472636 <sup>28</sup>	51X4792	GARLK	471354 <sup>28,29</sup>	51X4934	GARLK	415066 <sup>29</sup>	51X521	GARLK	450054 <sup>29</sup>
51X4667	GARLK	55548 <sup>29</sup>	51X4800	GARLK	417020 <sup>29</sup>	51X4938	GARLK	412920 <sup>28</sup>	51X522	GARLK	450054
51X4668	GARLK	417541 <sup>29</sup>	51X4801	GARLK	415227 <sup>28,29</sup>	51X4938	GARLK	450132	51X540	GARLK	472287 <sup>28,29</sup>
51X4669	GARLK	416892 <sup>28</sup>	51X4804	GARLK	417487	51X494	GARLK	473212 <sup>28</sup>	51X558	GARLK	450444
51X4670	GARLK	450083	51X4804	GARLK	455086	51X4945	GARLK	416738 <sup>28</sup>	51X558	GARLK	471835 <sup>28</sup>
51X4670	GARLK	472924 <sup>28</sup>	51X4806	GARLK	455129 <sup>29</sup>	51X4945	GARLK	450096	51X560	GARLK	472843 <sup>29</sup>
51X4671	GARLK	470351	51X4808	GARLK	417247 <sup>28,29</sup>	51X495	GARLK	473212 <sup>28</sup>	51X561	GARLK	472843
51X4671	GARLK	471504 <sup>28</sup>	51X4809	GARLK	415294 <sup>28</sup>	51X4958	GARLK	411394 <sup>28</sup>	51X5886	GARLK	455008 <sup>29</sup>
51X4672	GARLK	450352	51X4809	GARLK	455294	51X4958	GARLK	450317	51X5887	GARLK	473446 <sup>29</sup>
51X4672	GARLK	472164 <sup>28</sup>	51X4825	GARLK	417254 <sup>29</sup>	51X4959	GARLK	416268	51X5892	GARLK	416888 <sup>28</sup>
51X4681	GARLK	415124 <sup>29</sup>	51X4828	GARLK	416865 <sup>28,29</sup>	51X4966	GARLK	417247 <sup>28,29</sup>	51X5892	GARLK	455200
51X4682	GARLK	417351 <sup>28</sup>	51X4832	GARLK	415303 <sup>28</sup>	51X4967	GARLK	417549 <sup>28,29</sup>	51X5893	GARLK	472810 <sup>28</sup>
51X4682	GARLK	455154	51X4836	GARLK	417247 <sup>28,29</sup>	51X4968	GARLK	416144 <sup>29</sup>	51X5897	GARLK	455080 <sup>29</sup>
51X4686	GARLK	417344 <sup>28</sup>	51X4837	GARLK	415196 <sup>28,29</sup>	51X497	GARLK	323138 <sup>28,29</sup>	51X5900	GARLK	473466 <sup>29</sup>
51X4686	GARLK	455006	51X4838	GARLK	413469 <sup>28,29</sup>	51X4976	GARLK	472843 <sup>29</sup>	51X5906	GARLK	417020 <sup>29</sup>
51X4688	GARLK	415645 <sup>28</sup>	51X484	GARLK	472826 <sup>28</sup>	51X498	GARLK	473213 <sup>28</sup>	51X5907	GARLK	416404 <sup>28,29</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X5912	GARLK	417548 <sup>29</sup>	51X6335	GARLK	455583N	51X6468	GARLK	416071 <sup>29</sup>	51X6568	GARLK	455035
51X5913	GARLK	472018 <sup>29</sup>	28,29			51X6469	GARLK	472394 <sup>29</sup>	51X6573	GARLK	415090 <sup>29</sup>
51X5914	GARLK	450194	51X6340	GARLK	417600 <sup>29</sup>	51X6471	GARLK	417316 <sup>28</sup>	51X6576	GARLK	470403
51X5914	GARLK	473010	51X6353	GARLK	473405 <sup>29</sup>	51X6471	GARLK	455004	51X6576	GARLK	470774 <sup>28</sup>
51X5920	GARLK	417567 <sup>29</sup>	51X6356	GARLK	476470 <sup>29</sup>	51X6474	GARLK	470682 <sup>29</sup>	51X6578	GARLK	415449 <sup>28</sup>
51X5922	GARLK	415281N	51X6358	GARLK	455146 <sup>28</sup>	51X6475	GARLK	450444	51X6578	GARLK	455147
51X5925	GARLK	417486 <sup>29</sup>	51X6359	GARLK	416047	51X6475	GARLK	471835 <sup>28</sup>	51X6580	GARLK	450593 <sup>28</sup>
51X5929	GARLK	415551 <sup>29</sup>	51X6359	GARLK	416047	51X6478	GARLK	410520	51X6581	GARLK	417603 <sup>28,29</sup>
51X5930	GARLK	417211 <sup>28</sup>	51X6359	GARLK	416332 <sup>28</sup>	51X6478	GARLK	471272 <sup>28</sup>	51X6584	GARLK	455018
51X5933	GARLK	55301S <sup>29</sup>	51X6360	GARLK	415035 <sup>28</sup>	51X6479	GARLK	471192	51X6584	GARLK	476470
51X5938	GARLK	415371 <sup>29</sup>	51X6360	GARLK	455035	51X6484	GARLK	416666 <sup>29</sup>	51X6585	GARLK	455655 <sup>28,29</sup>
51X5945	GARLK	417278 <sup>29</sup>	51X6361	GARLK	415196 <sup>28,29</sup>	51X6487	GARLK	471887 <sup>29</sup>	51X6586	GARLK	415090 <sup>29</sup>
51X5947	GARLK	411253 <sup>28</sup>	51X6363	GARLK	416888 <sup>28</sup>	51X6489	GARLK	455018	51X6588	GARLK	416654 <sup>28</sup>
51X5947	GARLK	450099	51X6363	GARLK	455200	51X6489	GARLK	476470	51X6588	GARLK	455012
51X5948	GARLK	415984 <sup>28</sup>	51X6365	GARLK	415725 <sup>28</sup>	51X6497	GARLK	417487	51X6590	GARLK	416047
51X5953	GARLK	417357	51X6366	GARLK	417549 <sup>28,29</sup>	51X6497	GARLK	455014	51X6590	GARLK	416332 <sup>28</sup>
51X5953	GARLK	455192 <sup>28</sup>	51X6369	GARLK	417515 <sup>29</sup>	51X6499	GARLK	417487	51X6592	GARLK	473450
51X5957	GARLK	471413 <sup>28</sup>	51X6370	GARLK	416229 <sup>29</sup>	51X6499	GARLK	455014	51X6593	GARLK	472015 <sup>28</sup>
51X5959	GARLK	415090 <sup>29</sup>	51X6374	GARLK	416364 <sup>28,29</sup>	51X6500	GARLK	471267 <sup>28,29</sup>	51X6599	GARLK	416921 <sup>28</sup>
51X5960	GARLK	417606 <sup>29</sup>	51X6375	GARLK	416239 <sup>28,29</sup>	51X6502	GARLK	416288 <sup>28,29</sup>	51X6599	GARLK	455011
51X5966	GARLK	450183	51X6378	GARLK	415867 <sup>29</sup>	51X6506	GARLK	450519	51X6600	GARLK	416345 <sup>28</sup>
51X5966	GARLK	472179	51X6385	GARLK	417603 <sup>28</sup>	51X6506	GARLK	471271 <sup>28</sup>	51X6600	GARLK	455033
51X5968	GARLK	473474	51X6387	GARLK	55301S <sup>29</sup>	51X651	GARLK	471820 <sup>29</sup>	51X6602	GARLK	455018
51X5969	GARLK	455509	51X6391	GARLK	417605 <sup>29</sup>	51X6510	GARLK	417600 <sup>29</sup>	51X6602	GARLK	476470
51X5978	GARLK	473380 <sup>29</sup>	51X6395	GARLK	415482 <sup>29</sup>	51X6511	GARLK	415088 <sup>28</sup>	51X6603	GARLK	415725 <sup>28</sup>
51X5980	GARLK	412119 <sup>28</sup>	51X6413	GARLK	417247 <sup>28,29</sup>	51X6511	GARLK	455088	51X6604	GARLK	472015 <sup>28</sup>
51X5980	GARLK	450101	51X6414	GARLK	473460 <sup>29</sup>	51X6513	GARLK	416167 <sup>28</sup>	51X6605	GARLK	473243 <sup>29</sup>
51X5981	GARLK	55078S <sup>29</sup>	51X6415	GARLK	470027	51X6513	GARLK	455091	51X6608	GARLK	471870 <sup>28</sup>
51X5983	GARLK	415036 <sup>29</sup>	51X6415	GARLK	471554 <sup>28</sup>	51X6515	GARLK	455434 <sup>29</sup>	51X6608	GARLK	471883
51X6	GARLK	350364 <sup>29</sup>	51X6418	GARLK	415295 <sup>29</sup>	51X6516	GARLK	470358	51X6610	GARLK	450067
51X60	GARLK	471530	51X6422	GARLK	417598 <sup>29</sup>	51X6516	GARLK	473231	51X6610	GARLK	473228
51X6062	GARLK	472810 <sup>28</sup>	51X6430	GARLK	471785 <sup>28</sup>	51X6517	GARLK	471808 <sup>28,29</sup>	51X6616	GARLK	455476 <sup>29</sup>
51X6099	GARLK	481397 <sup>29</sup>	51X6431	GARLK	455022 <sup>29</sup>	51X6521	GARLK	455462 <sup>29</sup>	51X663	GARLK	470487N
51X610	GARLK	473437 <sup>29</sup>	51X6433	GARLK	416364 <sup>28,29</sup>	51X6522	GARLK	471984 <sup>29</sup>	51X6632	GARLK	455151
51X611	GARLK	473437 <sup>29</sup>	51X6434	GARLK	417357	51X6523	GARLK	471267 <sup>28,29</sup>	51X6634	GARLK	415116 <sup>29</sup>
51X612	GARLK	473437	51X6434	GARLK	455192 <sup>28</sup>	51X6528	GARLK	418028	51X6635	GARLK	417542 <sup>29</sup>
51X6127	GARLK	471231 <sup>28</sup>	51X6437	GARLK	416239 <sup>28,29</sup>	51X6528	GARLK	455137 <sup>28</sup>	51X6637	GARLK	471466 <sup>28</sup>
51X614	GARLK	471862 <sup>29</sup>	51X6438	GARLK	450301	51X6529	GARLK	473224 <sup>28,29</sup>	51X6638	GARLK	473240 <sup>28,29</sup>
51X615	GARLK	471862	51X6438	GARLK	472397 <sup>28</sup>	51X6530	GARLK	415072 <sup>29</sup>	51X6639	GARLK	472658
51X619	GARLK	473438 <sup>29</sup>	51X6439	GARLK	417350 <sup>28</sup>	51X6534	GARLK	415991	51X6639	GARLK	473197
51X6192	GARLK	470806 <sup>29</sup>	51X6439	GARLK	455479	51X6534	GARLK	455146 <sup>28</sup>	51X6640	GARLK	415725 <sup>28</sup>
51X620	GARLK	473438 <sup>29</sup>	51X6440	GARLK	410520	51X6541	GARLK	411245 <sup>28</sup>	51X6644	GARLK	457874
51X621	GARLK	473438	51X6440	GARLK	471272 <sup>28</sup>	51X6541	GARLK	455096	51X6645	GARLK	415991
51X6224	GARLK	480630 <sup>28</sup>	51X6444	GARLK	416654 <sup>28</sup>	51X6545	GARLK	415711 <sup>29</sup>	51X6645	GARLK	455146 <sup>28</sup>
51X6224	GARLK	480991	51X6444	GARLK	455012	51X6546	GARLK	472439 <sup>29</sup>	51X6651	GARLK	417343 <sup>28,29</sup>
51X6230	GARLK	470358	51X6446	GARLK	412473 <sup>28</sup>	51X6547	GARLK	473237 <sup>28</sup>	51X6652	GARLK	417496 <sup>29</sup>
51X6230	GARLK	473231	51X6446	GARLK	415894	51X6548	GARLK	473243 <sup>29</sup>	51X666	GARLK	473440 <sup>28</sup>
51X6231	GARLK	470358	51X6450	GARLK	453165	51X6549	GARLK	473405 <sup>29</sup>	51X6664	GARLK	415379 <sup>28</sup>
51X6231	GARLK	473231	51X6450	GARLK	471619 <sup>28</sup>	51X6550	GARLK	417605 <sup>29</sup>	51X6664	GARLK	455379
51X6245	GARLK	450400 <sup>29</sup>	51X6451	GARLK	417488 <sup>28,29</sup>	51X6551	GARLK	450067	51X6665	GARLK	417541 <sup>29</sup>
51X6252	GARLK	450494	51X6456	GARLK	415449 <sup>28</sup>	51X6551	GARLK	473228	51X6667	GARLK	470059
51X6252	GARLK	472164 <sup>28</sup>	51X6456	GARLK	455147	51X6554	GARLK	473236 <sup>28,29</sup>	51X6667	GARLK	470380 <sup>28</sup>
51X6266	GARLK	417474 <sup>29</sup>	51X6457	GARLK	472826 <sup>28</sup>	51X6556	GARLK	417357	51X6668	GARLK	413478 <sup>29</sup>
51X6271	GARLK	470625 <sup>28,29</sup>	51X6461	GARLK	456105 <sup>29</sup>	51X6556	GARLK	455192 <sup>28</sup>	51X6670	GARLK	415294 <sup>28</sup>
51X6272	GARLK	450389	51X6462	GARLK	473225 <sup>28,29</sup>	51X6560	GARLK	412040 <sup>29</sup>	51X6670	GARLK	455294
51X6272	GARLK	472492 <sup>28</sup>	51X6465	GARLK	415147	51X6563	GARLK	415045 <sup>28</sup>	51X6674	GARLK	471795
51X6289	GARLK	471498 <sup>29</sup>	51X6465	GARLK	415449 <sup>28</sup>	51X6564	GARLK	415551 <sup>29</sup>	51X6675	GARLK	471801 <sup>28</sup>
51X6328	GARLK	416011	51X6466	GARLK	471763 <sup>29</sup>	51X6565	GARLK	417357	51X6678	GARLK	417082 <sup>29</sup>
51X6328	GARLK	417621 <sup>28</sup>	51X6467	GARLK	417316 <sup>28</sup>	51X6565	GARLK	455192 <sup>28</sup>	51X6679	GARLK	417191
51X6333	GARLK	455330 <sup>28</sup>	51X6467	GARLK	455004	51X6568	GARLK	415035 <sup>28</sup>	51X6680	GARLK	416921 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X6680	GARLK	455011	51X6795	GARLK	471341 <sup>28</sup>	51X6927	GARLK	471554 <sup>28</sup>	51X7125	GARLK	470358
51X6682	GARLK	450316	51X6796	GARLK	417362 <sup>28,29</sup>	51X693	GARLK	473440 <sup>28</sup>	51X7125	GARLK	473231
51X6682	GARLK	472636 <sup>28</sup>	51X6797	GARLK	455330 <sup>28</sup>	51X6934	GARLK	473235 <sup>28</sup>	51X7128	GARLK	416666 <sup>29</sup>
51X6687	GARLK	415077 <sup>29</sup>	51X6798	GARLK	415559 <sup>29</sup>	51X6937	GARLK	470548	51X7130	GARLK	471316
51X669	GARLK	470077	51X6799	GARLK	415035	51X6937	GARLK	470625 <sup>28</sup>	51X7134	GARLK	416154 <sup>28,29</sup>
51X669	GARLK	474281 <sup>28</sup>	51X6799	GARLK	415953	51X6938	GARLK	417269 <sup>28</sup>	51X7137	GARLK	470059
51X6692	GARLK	417355 <sup>28,29</sup>	51X6800	GARLK	417082 <sup>29</sup>	51X6939	GARLK	417541 <sup>29</sup>	51X7137	GARLK	470380 <sup>28</sup>
51X670	GARLK	470548	51X6806	GARLK	416339	51X6946	GARLK	417539 <sup>28,29</sup>	51X7140	GARLK	472029 <sup>29</sup>
51X670	GARLK	470625 <sup>28</sup>	51X6806	GARLK	455031 <sup>28</sup>	51X6947	GARLK	416364 <sup>28,29</sup>	51X7141	GARLK	416556 <sup>28</sup>
51X6700	GARLK	415302 <sup>29</sup>	51X6832	GARLK	450183	51X6949	GARLK	415138 <sup>28</sup>	51X7141	GARLK	472157
51X6701	GARLK	470169	51X6832	GARLK	472179	51X6950	GARLK	450869 <sup>29</sup>	51X7145	GARLK	472012 <sup>29</sup>
51X6701	GARLK	473214	51X6833	GARLK	417606 <sup>29</sup>	51X6952	GARLK	417362 <sup>28,29</sup>	51X7146	GARLK	350435 <sup>29</sup>
51X6705	GARLK	470064	51X6835	GARLK	417509 <sup>29</sup>	51X6955	GARLK	450291	51X7152	GARLK	450066
51X6705	GARLK	471821 <sup>28</sup>	51X6838	GARLK	9568 <sup>29</sup>	51X6955	GARLK	471141 <sup>28</sup>	51X7152	GARLK	473367 <sup>28</sup>
51X6706	GARLK	450095	51X6839	GARLK	476470 <sup>29</sup>	51X6957	GARLK	470354 <sup>29</sup>	51X7153	GARLK	417350 <sup>28</sup>
51X6706	GARLK	473464 <sup>28</sup>	51X6840	GARLK	417506 <sup>29</sup>	51X6959	GARLK	455476 <sup>29</sup>	51X7153	GARLK	455479
51X6707	GARLK	417554 <sup>28,29</sup>	51X6842	GARLK	417020 <sup>29</sup>	51X6961	GARLK	470062	51X7154	GARLK	415036 <sup>29</sup>
51X6708	GARLK	455018	51X6847	GARLK	417526 <sup>29</sup>	51X6961	GARLK	474264	51X7155	GARLK	415072 <sup>29</sup>
51X6708	GARLK	476470	51X6853	GARLK	472394 <sup>29</sup>	51X6966	GARLK	455655 <sup>28,29</sup>	51X7159	GARLK	455005 <sup>29</sup>
51X671	GARLK	470548	51X6856	GARLK	471255 <sup>28</sup>	51X6968	GARLK	415021 <sup>29</sup>	51X716	GARLK	470682 <sup>29</sup>
51X671	GARLK	470625 <sup>28</sup>	51X6857	GARLK	470189	51X6971	GARLK	471558 <sup>29</sup>	51X7160	GARLK	410312N
51X6711	GARLK	415725 <sup>28</sup>	51X6857	GARLK	471692 <sup>28</sup>	51X6975	GARLK	9568 <sup>29</sup>	51X7162	GARLK	415351 <sup>28</sup>
51X6713	GARLK	417601 <sup>29</sup>	51X6860	GARLK	450194	51X6978	GARLK	415196 <sup>28,29</sup>	51X7165	GARLK	416891 <sup>28,29</sup>
51X6714	GARLK	415988 <sup>29</sup>	51X6860	GARLK	473010	51X6981	GARLK	455194 <sup>29</sup>	51X7174	GARLK	472018 <sup>29</sup>
51X672	GARLK	470548	51X6864	GARLK	417073 <sup>29</sup>	51X6982	GARLK	416345 <sup>28</sup>	51X7176	GARLK	471192
51X672	GARLK	470625 <sup>28</sup>	51X6865	GARLK	417481 <sup>29</sup>	51X6982	GARLK	455033	51X7177	GARLK	416706 <sup>28</sup>
51X6722	GARLK	417601 <sup>29</sup>	51X6866	GARLK	412871 <sup>28</sup>	51X6984	GARLK	471564 <sup>29</sup>	51X7177	GARLK	455272
51X6723	GARLK	417488 <sup>28,29</sup>	51X6866	GARLK	450329	51X6990	GARLK	415035	51X7186	GARLK	471760 <sup>29</sup>
51X6730	GARLK	417344 <sup>28</sup>	51X6868	GARLK	417351 <sup>28</sup>	51X6990	GARLK	415953	51X7187	GARLK	415483 <sup>28</sup>
51X6730	GARLK	455006	51X6868	GARLK	455154	51X6991	GARLK	416125 <sup>28,29</sup>	51X7187	GARLK	455368
51X6732	GARLK	471760 <sup>29</sup>	51X6870	GARLK	455134 <sup>28,29</sup>	51X6992	GARLK	470045	51X7192	GARLK	415379 <sup>28</sup>
51X6733	GARLK	330385 <sup>28</sup>	51X6871	GARLK	417515 <sup>29</sup>	51X6992	GARLK	476838 <sup>28</sup>	51X7192	GARLK	455379
51X6734	GARLK	416154 <sup>28,29</sup>	51X6872	GARLK	417362 <sup>28,29</sup>	51X6993	GARLK	471765 <sup>28</sup>	51X7194	GARLK	412473 <sup>28</sup>
51X6739	GARLK	416011	51X6888	GARLK	417584 <sup>29</sup>	51X6995	GARLK	471138 <sup>28</sup>	51X7194	GARLK	415894
51X6739	GARLK	417621 <sup>28</sup>	51X689	GARLK	470487N	51X7007	GARLK	472810 <sup>28</sup>	51X7195	GARLK	480630 <sup>28</sup>
51X6741	GARLK	417254 <sup>29</sup>	51X6892	GARLK	416239 <sup>28,29</sup>	51X7039	GARLK	450431	51X7196	GARLK	415960
51X6745	GARLK	470163	51X6893	GARLK	416865 <sup>28,29</sup>	51X7039	GARLK	471539 <sup>28</sup>	51X7196	GARLK	455009
51X6745	GARLK	471766 <sup>28</sup>	51X6895	GARLK	455406 <sup>28,29</sup>	51X705	GARLK	472299	51X7197	GARLK	415995 <sup>28</sup>
51X6746	GARLK	415683 <sup>29</sup>	51X6896	GARLK	481073 <sup>29</sup>	51X7060	GARLK	472432	51X7197	GARLK	455013
51X6749	GARLK	471255 <sup>28</sup>	51X6898	GARLK	470565 <sup>28,29</sup>	51X7060	GARLK	474256	51X7199	GARLK	417487
51X6750	GARLK	415645 <sup>28</sup>	51X6899	GARLK	450185	51X7069	GARLK	470403	51X7199	GARLK	455014
51X6750	GARLK	455104	51X6899	GARLK	473229	51X7069	GARLK	470774 <sup>28</sup>	51X720	GARLK	471316
51X6753	GARLK	470074	51X690	GARLK	470487N	51X7072	GARLK	470062	51X7205	GARLK	416153 <sup>28</sup>
51X6753	GARLK	474265	51X6900	GARLK	417316 <sup>28</sup>	51X7072	GARLK	474264	51X7206	GARLK	415711 <sup>29</sup>
51X6757	GARLK	411376 <sup>28</sup>	51X6900	GARLK	455004	51X7081	GARLK	473237 <sup>28</sup>	51X7210	GARLK	455151 <sup>29</sup>
51X6757	GARLK	455093	51X6901	GARLK	416047	51X7090	GARLK	450519	51X722	GARLK	473441 <sup>29</sup>
51X6760	GARLK	417603 <sup>28,29</sup>	51X6901	GARLK	416332 <sup>28</sup>	51X7090	GARLK	471271 <sup>28</sup>	51X7220	GARLK	455191 <sup>29</sup>
51X6762	GARLK	417134 <sup>29</sup>	51X6904	GARLK	450301	51X7091	GARLK	415082 <sup>29</sup>	51X7221	GARLK	416313 <sup>29</sup>
51X6764	GARLK	455015 <sup>29</sup>	51X6904	GARLK	472397 <sup>28</sup>	51X7099	GARLK	450083	51X7223	GARLK	472319 <sup>29</sup>
51X6765	GARLK	417278 <sup>29</sup>	51X6907	GARLK	415027 <sup>29</sup>	51X7099	GARLK	472924 <sup>28</sup>	51X7224	GARLK	415001 <sup>28</sup>
51X6767	GARLK	415035	51X6914	GARLK	416476 <sup>28</sup>	51X7101	GARLK	417604	51X7224	GARLK	455001
51X6767	GARLK	415953	51X6914	GARLK	455075	51X7104	GARLK	415458 <sup>28</sup>	51X7226	GARLK	470062
51X6768	GARLK	417020 <sup>29</sup>	51X6917	GARLK	417525 <sup>29</sup>	51X7104	GARLK	455003	51X7226	GARLK	474264
51X6770	GARLK	417604 <sup>29</sup>	51X692	GARLK	473440 <sup>28,29</sup>	51X7110	GARLK	416888 <sup>28</sup>	51X7229	GARLK	455189 <sup>29</sup>
51X6773	GARLK	415551 <sup>29</sup>	51X6920	GARLK	415294 <sup>28</sup>	51X7110	GARLK	455200	51X7230	GARLK	415437 <sup>28</sup>
51X6774	GARLK	470169	51X6920	GARLK	455294	51X7114	GARLK	415551 <sup>29</sup>	51X7230	GARLK	455173
51X6774	GARLK	473214	51X6921	GARLK	455462 <sup>29</sup>	51X7115	GARLK	415991	51X7231	GARLK	417354 <sup>28,29</sup>
51X6794	GARLK	450066	51X6923	GARLK	415711 <sup>29</sup>	51X7115	GARLK	455146 <sup>28</sup>	51X7233	GARLK	415551 <sup>29</sup>
51X6794	GARLK	473367 <sup>28</sup>	51X6924	GARLK	416666 <sup>29</sup>	51X7120	GARLK	417366 <sup>28</sup>	51X7238	GARLK	450104 <sup>29</sup>
51X6795	GARLK	450441	51X6927	GARLK	470027	51X7121	GARLK	473437 <sup>29</sup>	51X7241	GARLK	455406 <sup>28,29</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X7245	GARLK	415371 <sup>29</sup>	51X7350	GARLK	455146 <sup>28</sup>	51X7562	GARLK	415219 <sup>29</sup>	51X7723	GARLK	450316
51X7247	GARLK	417562 <sup>29</sup>	51X7353	GARLK	417601 <sup>29</sup>	51X7563	GARLK	450389	51X7723	GARLK	472636 <sup>28</sup>
51X7248	GARLK	471869	51X7357	GARLK	412473 <sup>28</sup>	51X7563	GARLK	472492 <sup>28</sup>	51X7745	GARLK	417556 <sup>29</sup>
51X7248	GARLK	473459	51X7357	GARLK	415894	51X7564	GARLK	450519	51X7747	GARLK	417484N
51X7249	GARLK	415960	51X7358	GARLK	471646 <sup>28</sup>	51X7564	GARLK	471271 <sup>28</sup>	51X7747	GARLK	455322
51X7249	GARLK	455009	51X7364	GARLK	455019 <sup>28</sup>	51X7566	GARLK	416865 <sup>28,29</sup>	51X7749	GARLK	417534 <sup>29</sup>
51X7253	GARLK	415027 <sup>28</sup>	51X7366	GARLK	417550 <sup>29</sup>	51X7568	GARLK	470548	51X7752	GARLK	471760 <sup>29</sup>
51X7253	GARLK	455027	51X7368	GARLK	455480 <sup>28</sup>	51X7568	GARLK	470625 <sup>28</sup>	51X7758	GARLK	417601 <sup>29</sup>
51X7254	GARLK	450154	51X7371	GARLK	415551 <sup>29</sup>	51X7572	GARLK	417316 <sup>28</sup>	51X7759	GARLK	457874
51X7254	GARLK	473234	51X7372	GARLK	471808 <sup>28,29</sup>	51X7572	GARLK	455004	51X7764	GARLK	416273 <sup>28</sup>
51X7255	GARLK	417351 <sup>28</sup>	51X7374	GARLK	476470	51X7574	GARLK	415303 <sup>28</sup>	51X7765	GARLK	418028
51X7255	GARLK	455154	51X7375	GARLK	417596 <sup>29</sup>	51X7578	GARLK	417522	51X7765	GARLK	455137 <sup>28</sup>
51X7258	GARLK	416892 <sup>28</sup>	51X7382	GARLK	411253 <sup>28</sup>	51X7590	GARLK	455195	51X7768	GARLK	450307 <sup>29</sup>
51X7259	GARLK	450133 <sup>29</sup>	51X7382	GARLK	450099	51X7590	GARLK	472157 <sup>28</sup>	51X7772	GARLK	455820 <sup>29</sup>
51X726	GARLK	450273	51X7386	GARLK	472258 <sup>28,29</sup>	51X7594	GARLK	416271 <sup>28,29</sup>	51X7774	GARLK	415227 <sup>28,29</sup>
51X7262	GARLK	474274	51X7389	GARLK	415379 <sup>28</sup>	51X7603	GARLK	416476 <sup>28</sup>	51X7775	GARLK	455556 <sup>29</sup>
51X7265	GARLK	417362 <sup>28,29</sup>	51X7389	GARLK	455379	51X7603	GARLK	455075	51X7776	GARLK	415458 <sup>28</sup>
51X7269	GARLK	415437 <sup>28</sup>	51X7390	GARLK	470163	51X7610	GARLK	417549 <sup>28,29</sup>	51X7776	GARLK	455003
51X7269	GARLK	455173	51X7390	GARLK	471766 <sup>28</sup>	51X7611	GARLK	417198 <sup>29</sup>	51X7780	GARLK	415128 <sup>29</sup>
51X7270	GARLK	417181 <sup>28,29</sup>	51X7391	GARLK	474255	51X7612	GARLK	415072 <sup>29</sup>	51X7783	GARLK	417604 <sup>29</sup>
51X7272	GARLK	450389	51X740	GARLK	482253 <sup>29</sup>	51X7615	GARLK	415027 <sup>28</sup>	51X7784	GARLK	417181 <sup>28,29</sup>
51X7272	GARLK	472492 <sup>28</sup>	51X7402	GARLK	415088 <sup>28</sup>	51X7615	GARLK	455027	51X7785	GARLK	455123 <sup>29</sup>
51X7276	GARLK	416077 <sup>29</sup>	51X7402	GARLK	455088	51X7616	GARLK	416047	51X7786	GARLK	455123 <sup>29</sup>
51X7277	GARLK	417474	51X7409	GARLK	416107 <sup>28</sup>	51X7616	GARLK	416332 <sup>28</sup>	51X7787	GARLK	417351 <sup>28</sup>
51X7280	GARLK	470064	51X7409	GARLK	455073	51X7626	GARLK	417549 <sup>28,29</sup>	51X7787	GARLK	455154
51X7280	GARLK	471821 <sup>28</sup>	51X741	GARLK	482253	51X7629	GARLK	417562 <sup>29</sup>	51X779	GARLK	474274
51X7282	GARLK	416339	51X7418	GARLK	415683 <sup>29</sup>	51X7633	GARLK	471887 <sup>29</sup>	51X7791	GARLK	416339
51X7282	GARLK	455031 <sup>28</sup>	51X7419	GARLK	455018	51X7642	GARLK	416294 <sup>28,29</sup>	51X7791	GARLK	455031 <sup>28</sup>
51X7284	GARLK	417539 <sup>28,29</sup>	51X7419	GARLK	476470	51X7646	GARLK	472041	51X7795	GARLK	417247 <sup>28,29</sup>
51X7285	GARLK	411245 <sup>28</sup>	51X7420	GARLK	472029 <sup>29</sup>	51X7646	GARLK	473454	51X7796	GARLK	455584 <sup>29</sup>
51X7285	GARLK	455096	51X7423	GARLK	6936S	51X7649	GARLK	472018 <sup>29</sup>	51X7803	GARLK	415196 <sup>28,29</sup>
51X7289	GARLK	417191	51X743	GARLK	451469 <sup>29</sup>	51X7652	GARLK	417541 <sup>29</sup>	51X7812	GARLK	416345 <sup>28</sup>
51X7291	GARLK	416891 <sup>28,29</sup>	51X7433	GARLK	415072 <sup>29</sup>	51X7653	GARLK	415076 <sup>29</sup>	51X7812	GARLK	455033
51X7292	GARLK	417316 <sup>28</sup>	51X7435	GARLK	472020 <sup>29</sup>	51X7659	GARLK	415034 <sup>28</sup>	51X7814	GARLK	415035
51X7292	GARLK	455004	51X7436	GARLK	415327 <sup>29</sup>	51X7659	GARLK	455034	51X7814	GARLK	415953
51X7299	GARLK	471529 <sup>29</sup>	51X7440	GARLK	415379 <sup>28</sup>	51X7661	GARLK	471192	51X7819	GARLK	416167 <sup>28</sup>
51X7307	GARLK	450352	51X7440	GARLK	455379	51X7668	GARLK	417316 <sup>28</sup>	51X7819	GARLK	455091
51X7307	GARLK	472164 <sup>28</sup>	51X7447	GARLK	470059	51X7668	GARLK	455004	51X7824	GARLK	415090 <sup>29</sup>
51X7313	GARLK	418028	51X7447	GARLK	470380 <sup>28</sup>	51X7669	GARLK	417298 <sup>29</sup>	51X7825	GARLK	417597 <sup>29</sup>
51X7313	GARLK	455137 <sup>28</sup>	51X7448	GARLK	415036 <sup>29</sup>	51X7670	GARLK	455018	51X7829	GARLK	416664 <sup>28</sup>
51X7317	GARLK	417562 <sup>29</sup>	51X7510	GARLK	350414	51X7670	GARLK	476470	51X7829	GARLK	455364
51X7318	GARLK	455406 <sup>28,29</sup>	51X7510	GARLK	472311 <sup>28</sup>	51X7671	GARLK	415259 <sup>28,29</sup>	51X7831	GARLK	471646 <sup>28</sup>
51X732	GARLK	451817	51X7516	GARLK	474278 <sup>28</sup>	51X7675	GARLK	471787 <sup>28</sup>	51X7837	GARLK	417513 <sup>29</sup>
51X7320	GARLK	471424 <sup>28</sup>	51X7516	GARLK	480356	51X7677	GARLK	472319 <sup>29</sup>	51X7839	GARLK	417252 <sup>29</sup>
51X7324	GARLK	415027 <sup>29</sup>	51X7518	GARLK	471766 <sup>28</sup>	51X7684	GARLK	450154	51X7840	GARLK	55357 <sup>29</sup>
51X7327	GARLK	471887 <sup>29</sup>	51X7523	GARLK	471862 <sup>29</sup>	51X7684	GARLK	473234	51X7842	GARLK	472020 <sup>29</sup>
51X7328	GARLK	415995 <sup>28</sup>	51X753	GARLK	450274	51X7685	GARLK	415938 <sup>29</sup>	51X7861	GARLK	415196 <sup>28,29</sup>
51X7328	GARLK	455013	51X7542	GARLK	415281N	51X7686	GARLK	415041 <sup>29</sup>	51X7864	GARLK	450285 <sup>29</sup>
51X7332	GARLK	415027 <sup>29</sup>	51X7544	GARLK	415437 <sup>28</sup>	51X7687	GARLK	481792	51X7873	GARLK	470358
51X7334	GARLK	455144 <sup>29</sup>	51X7544	GARLK	455173	51X7689	GARLK	416158 <sup>29</sup>	51X7873	GARLK	473231
51X734	GARLK	450065 <sup>29</sup>	51X7549	GARLK	413246	51X7690	GARLK	415187 <sup>29</sup>	51X7877	GARLK	415066 <sup>29</sup>
51X7342	GARLK	415645 <sup>28</sup>	51X7549	GARLK	413246N	51X7695	GARLK	470077	51X7879	GARLK	417780 <sup>29</sup>
51X7342	GARLK	455104	51X7551	GARLK	415088 <sup>28</sup>	51X7695	GARLK	474281 <sup>28</sup>	51X7880	GARLK	416556 <sup>28</sup>
51X7346	GARLK	451948	51X7551	GARLK	455088	51X770	GARLK	450194	51X7880	GARLK	472157
51X7347	GARLK	415027 <sup>28</sup>	51X7554	GARLK	415683 <sup>29</sup>	51X770	GARLK	473010	51X790	GARLK	470358
51X7347	GARLK	455027	51X7555	GARLK	471984 <sup>29</sup>	51X7700	GARLK	413246	51X790	GARLK	473231
51X7348	GARLK	417535 <sup>29</sup>	51X7559	GARLK	417356 <sup>28</sup>	51X7700	GARLK	413246N	51X7907	GARLK	470950 <sup>28</sup>
51X7349	GARLK	475384 <sup>29</sup>	51X7559	GARLK	455188	51X7717	GARLK	417171 <sup>28,29</sup>	51X7907	GARLK	6241S
51X735	GARLK	450065 <sup>29</sup>	51X7560	GARLK	416154 <sup>28,29</sup>	51X7722	GARLK	455195	51X7909	GARLK	417602 <sup>28</sup>
51X7350	GARLK	415991	51X7561	GARLK	417602 <sup>28</sup>	51X7722	GARLK	472157 <sup>28</sup>	51X791	GARLK	470358

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X791	GARLK	473231	51X8245	GARLK	417487	51X8466	GARLK	417509 <sup>29</sup>	51X8700	GARLK	418028
51X7915	GARLK	450444	51X8245	GARLK	455086	51X8469	GARLK	415871 <sup>29</sup>	51X8700	GARLK	455137 <sup>28</sup>
51X7915	GARLK	471835 <sup>28</sup>	51X8248	GARLK	470950 <sup>28</sup>	51X8470	GARLK	417159 <sup>29</sup>	51X8704	GARLK	470548
51X792	GARLK	470358	51X8248	GARLK	6241S	51X8471	GARLK	417556 <sup>29</sup>	51X8704	GARLK	470625 <sup>28</sup>
51X792	GARLK	473231	51X825	GARLK	414268 <sup>28</sup>	51X8477	GARLK	455026 <sup>29</sup>	51X8705	GARLK	480281 <sup>28</sup>
51X793	GARLK	450066	51X825	GARLK	450539	51X8488	GARLK	455566 <sup>29</sup>	51X8708	GARLK	417780 <sup>29</sup>
51X793	GARLK	473367 <sup>28</sup>	51X8251	GARLK	417596 <sup>29</sup>	51X8494	GARLK	415482 <sup>29</sup>	51X871	GARLK	450068 <sup>29</sup>
51X7937	GARLK	2081	51X8252	GARLK	415294 <sup>28</sup>	51X8498	GARLK	450441	51X8712	GARLK	415645 <sup>28</sup>
51X794	GARLK	450066	51X8252	GARLK	455294	51X8498	GARLK	471341 <sup>28</sup>	51X8712	GARLK	455104
51X794	GARLK	473367 <sup>28</sup>	51X8262	GARLK	415124 <sup>29</sup>	51X8521	GARLK	412040 <sup>29</sup>	51X872	GARLK	450068 <sup>29</sup>
51X795	GARLK	450066	51X8265	GARLK	481792 <sup>29</sup>	51X8530	GARLK	416664 <sup>28</sup>	51X8724	GARLK	473463 <sup>29</sup>
51X795	GARLK	473367 <sup>28</sup>	51X8266	GARLK	450078	51X8530	GARLK	455364	51X8726	GARLK	415281N
51X799	GARLK	450260 <sup>29</sup>	51X8266	GARLK	473444	51X8551	GARLK	416149 <sup>29</sup>	51X8728	GARLK	470605 <sup>28,29</sup>
51X7993	GARLK	417273 <sup>29</sup>	51X8267	GARLK	471551 <sup>28</sup>	51X8556	GARLK	417507 <sup>28</sup>	51X873	GARLK	450068
51X800	GARLK	450260 <sup>29</sup>	51X8270	GARLK	410308 <sup>28</sup>	51X8556	GARLK	455513	51X8731	GARLK	417356 <sup>28</sup>
51X801	GARLK	450260	51X8270	GARLK	450308	51X8560	GARLK	417604 <sup>29</sup>	51X8731	GARLK	455188
51X805	GARLK	450073 <sup>29</sup>	51X8272	GARLK	471472 <sup>28</sup>	51X8566	GARLK	455576 <sup>28,29</sup>	51X8732	GARLK	450298
51X806	GARLK	450073 <sup>29</sup>	51X8274	GARLK	450298	51X8569	GARLK	471818 <sup>29</sup>	51X8732	GARLK	473239
51X807	GARLK	450073	51X8274	GARLK	473239	51X8570	GARLK	415263 <sup>29</sup>	51X8734	GARLK	471820 <sup>29</sup>
51X8102	GARLK	455556 <sup>29</sup>	51X8275	GARLK	471801 <sup>28</sup>	51X8571	GARLK	413248	51X8736	GARLK	415072 <sup>29</sup>
51X8104	GARLK	472299 <sup>29</sup>	51X8278	GARLK	416153 <sup>28</sup>	51X8572	GARLK	472029 <sup>29</sup>	51X8738	GARLK	470565 <sup>28,29</sup>
51X8111	GARLK	417196 <sup>28,29</sup>	51X8280	GARLK	415379 <sup>28</sup>	51X8573	GARLK	415001 <sup>28</sup>	51X8744	GARLK	417357
51X8112	GARLK	417511 <sup>29</sup>	51X8280	GARLK	455379	51X8573	GARLK	455001	51X8744	GARLK	455192 <sup>28</sup>
51X8117	GARLK	415023	51X8284	GARLK	472432	51X8579	GARLK	417601 <sup>29</sup>	51X8745	GARLK	416891 <sup>28,29</sup>
51X8120	GARLK	415371 <sup>29</sup>	51X8284	GARLK	474256	51X8585	GARLK	415072 <sup>29</sup>	51X8747	GARLK	415867 <sup>29</sup>
51X8127	GARLK	416891 <sup>28,29</sup>	51X8292	GARLK	473458 <sup>29</sup>	51X8591	GARLK	415871 <sup>29</sup>	51X8752	GARLK	417362 <sup>28,29</sup>
51X8128	GARLK	417355 <sup>28,29</sup>	51X8293	GARLK	473238 <sup>28,29</sup>	51X8592	GARLK	417211 <sup>28</sup>	51X8756	GARLK	417020 <sup>29</sup>
51X8129	GARLK	470403	51X830	GARLK	473445	51X8596	GARLK	455584 <sup>29</sup>	51X8757	GARLK	417494 <sup>29</sup>
51X8129	GARLK	470774 <sup>28</sup>	51X8300	GARLK	415327 <sup>29</sup>	51X8608	GARLK	455022 <sup>29</sup>	51X8758	GARLK	417020 <sup>29</sup>
51X8131	GARLK	450285 <sup>29</sup>	51X8306	GARLK	416107 <sup>28</sup>	51X862	GARLK	50327 <sup>29</sup>	51X8775	GARLK	417298 <sup>29</sup>
51X8135	GARLK	473227	51X8306	GARLK	455073	51X8628	GARLK	417542 <sup>29</sup>	51X8778	GARLK	416163 <sup>29</sup>
51X8140	GARLK	455462 <sup>29</sup>	51X8309	GARLK	417538 <sup>29</sup>	51X8629	GARLK	417539 <sup>28,29</sup>	51X8780	GARLK	415991
51X8151	GARLK	415991	51X831	GARLK	473445	51X8631	GARLK	416167 <sup>28</sup>	51X8780	GARLK	455146 <sup>28</sup>
51X8151	GARLK	455146 <sup>28</sup>	51X8310	GARLK	417539 <sup>28,29</sup>	51X8631	GARLK	455091	51X8787	GARLK	415259 <sup>28,29</sup>
51X8153	GARLK	415458 <sup>28</sup>	51X8311	GARLK	415437 <sup>28</sup>	51X8633	GARLK	416154 <sup>28,29</sup>	51X8790	GARLK	473441 <sup>29</sup>
51X8153	GARLK	455003	51X8311	GARLK	455173	51X8635	GARLK	455197N <sup>29</sup>	51X8797	GARLK	413247 <sup>28</sup>
51X8154	GARLK	416404 <sup>28,29</sup>	51X8314	GARLK	471765 <sup>28</sup>	51X8636	GARLK	415196 <sup>28,29</sup>	51X8797	GARLK	450350
51X8156	GARLK	417171 <sup>28,29</sup>	51X8328	GARLK	455197N <sup>29</sup>	51X8638	GARLK	417205 <sup>28,29</sup>	51X8819	GARLK	455406 <sup>28,29</sup>
51X8161	GARLK	415045 <sup>28</sup>	51X8330	GARLK	416154 <sup>28,29</sup>	51X864	GARLK	50327 <sup>29</sup>	51X8824	GARLK	417254 <sup>29</sup>
51X8165	GARLK	415066 <sup>29</sup>	51X8331	GARLK	417258 <sup>29</sup>	51X8640	GARLK	415984 <sup>28</sup>	51X8825	GARLK	416891 <sup>28,29</sup>
51X8169	GARLK	457874 <sup>29</sup>	51X8384	GARLK	415867 <sup>29</sup>	51X8643	GARLK	450117	51X8828	GARLK	455462 <sup>29</sup>
51X8173	GARLK	416077 <sup>29</sup>	51X839	GARLK	473235 <sup>28</sup>	51X8643	GARLK	472572 <sup>28</sup>	51X8830	GARLK	415559 <sup>29</sup>
51X8187	GARLK	472475 <sup>29</sup>	51X8396	GARLK	415937 <sup>28,29</sup>	51X8646	GARLK	450068 <sup>29</sup>	51X8833	GARLK	416664 <sup>28</sup>
51X8188	GARLK	455019 <sup>28</sup>	51X8400	GARLK	415142 <sup>29</sup>	51X8657	GARLK	417262 <sup>28</sup>	51X8833	GARLK	455364
51X8192	GARLK	417273 <sup>29</sup>	51X8401	GARLK	472041	51X8657	GARLK	455448	51X8836	GARLK	417171 <sup>28,29</sup>
51X820	GARLK	450415 <sup>29</sup>	51X8401	GARLK	473454	51X8662	GARLK	417020 <sup>29</sup>	51X8845	GARLK	417541 <sup>29</sup>
51X8205	GARLK	417596	51X8404	GARLK	413469 <sup>28,29</sup>	51X8663	GARLK	417541 <sup>29</sup>	51X8846	GARLK	417547 <sup>29</sup>
51X8208	GARLK	417513 <sup>29</sup>	51X8409	GARLK	471633 <sup>28</sup>	51X8665	GARLK	417603 <sup>28,29</sup>	51X8847	GARLK	417497 <sup>29</sup>
51X821	GARLK	450415 <sup>29</sup>	51X8410	GARLK	417512 <sup>29</sup>	51X8668	GARLK	455685 <sup>29</sup>	51X8848	GARLK	410987 <sup>28,29</sup>
51X8213	GARLK	450316	51X8416	GARLK	410737 <sup>28</sup>	51X8676	GARLK	417159	51X8856	GARLK	417537 <sup>29</sup>
51X8213	GARLK	472636 <sup>28</sup>	51X8416	GARLK	450737	51X8678	GARLK	417366 <sup>28</sup>	51X886	GARLK	50081 <sup>29</sup>
51X8214	GARLK	455820 <sup>29</sup>	51X8417	GARLK	455584 <sup>29</sup>	51X8679	GARLK	455151 <sup>29</sup>	51X8864	GARLK	418028
51X822	GARLK	450415	51X8419	GARLK	415138 <sup>28</sup>	51X8680	GARLK	415227 <sup>28,29</sup>	51X8864	GARLK	455137 <sup>28</sup>
51X8222	GARLK	416011	51X8423	GARLK	415072 <sup>29</sup>	51X8681	GARLK	417501 <sup>29</sup>	51X8868	GARLK	417605 <sup>29</sup>
51X8222	GARLK	417621 <sup>28</sup>	51X8430	GARLK	456105 <sup>29</sup>	51X8682	GARLK	470645 <sup>29</sup>	51X887	GARLK	50081 <sup>29</sup>
51X8224	GARLK	455191 <sup>29</sup>	51X8437	GARLK	55301S <sup>29</sup>	51X8683	GARLK	417511 <sup>29</sup>	51X8870	GARLK	415683 <sup>29</sup>
51X8231	GARLK	417191	51X8442	GARLK	417252 <sup>29</sup>	51X8687	GARLK	415128 <sup>29</sup>	51X8875	GARLK	50327 <sup>29</sup>
51X8233	GARLK	476470 <sup>29</sup>	51X8443	GARLK	416229 <sup>29</sup>	51X8696	GARLK	417485 <sup>29</sup>	51X8879	GARLK	450593 <sup>28</sup>
51X8238	GARLK	417606 <sup>29</sup>	51X8460	GARLK	416891 <sup>28,29</sup>	51X8697	GARLK	417509 <sup>29</sup>	51X888	GARLK	50081 <sup>29</sup>
51X8243	GARLK	415072 <sup>29</sup>	51X8462	GARLK	415090 <sup>29</sup>	51X8698	GARLK	455297 <sup>29</sup>	51X8881	GARLK	416556 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
51X8881	GARLK	472157	5202OSR	JN-MN	470074	52067595	MOPAR	8516N	52107898AB	CHRY5	224200
51X8886	GARLK	470596 <sup>29</sup>	5202OSR	JN-MN	474265	52067596	CHRY5	5126	52107898AB	JEEP	224200
51X8903	GARLK	417191	5203	SEALD	5203	52067596	MOPAR	5126	52108424AA	CHRY5	224200
51X8904	GARLK	416107 <sup>28</sup>	5203	TIMKE	5203	52068230	JEEP	710068	52108424AA	JEEP	224200
51X8904	GARLK	455073	520317	CLARK	7412S	52068535	CHRY5	710502	52108424AA	MOPAR	224200
51X8907	GARLK	415045 <sup>28</sup>	5203465	CHRY5	3655	520687	UNIVE	417556	52108428AA	CHRY5	224250
51X8912	GARLK	417542 <sup>29</sup>	52035	GARLK	472924 <sup>28</sup>	520688	MICH	417556	52108428AA	JEEP	224250
51X8917	GARLK	415090 <sup>29</sup>	5203590	CHRY5	710056	52069260	CHRY5	710502	52108428AB	CHRY5	224250
51X895	GARLK	470086 <sup>29</sup>	5203603	CLARK	473232 <sup>28</sup>	52069700	CHRY5	710476	52108428AB	MOPAR	224250
51X897	GARLK	470086	5203611	CLARK	416339	52069700	JEEP	710476	52111198AA	CHRY5	710498
51X9009	GARLK	471688 <sup>29</sup>	5203613	CLARK	417538	52069700	MITSU	710476	52111198AA	JEEP	710498
51X9013	GARLK	352541 <sup>29</sup>	5203614	CLARK	455566	52069700	MOPAR	710476	52111198AB	CHRY5	710498
51X917	GARLK	473447 <sup>29</sup>	5203618	CLARK	417551	52069706	CHRY5	710489	52111198AB	JEEP	710498
51X920	GARLK	470334 <sup>28</sup>	5203620	CLARK	470898	52069706	JEEP	710489	52111198AB	MOPAR	710498
51X920	GARLK	50289	5203645	CLARK	415938	52069706	MITSU	710489	52111338AA	CHRY5	710872
51X929	GARLK	471984 <sup>29</sup>	5203648	CLARK	415035 <sup>28</sup>	52069706AB	CHRY5	710489	52111338AB	CHRY5	710872
51X932	GARLK	473313	5203648	CLARK	415953	52069706AB	JEEP	710489	52111338AC	CHRY5	710872
51X941	GARLK	50266 <sup>29</sup>	5203649	CLARK	417546 <sup>28</sup>	52069706AB	MITSU	710489	52111338AC	MOPAR	710872
51X942	GARLK	50266	5203651	CLARK	472016 <sup>28</sup>	52069706AB	MOPAR	710489	52111953AA	CHRY5	710839
51X944	GARLK	450269 <sup>29</sup>	5203655	CLARK	455290	52070339AA	CHRY5	710480	52111953AB	CHRY5	710839
51X945	GARLK	450269	5203661	CLARK	416956	52070339AA	JEEP	710480	52111953AC	CHRY5	710839
51X947	GARLK	450285 <sup>29</sup>	5203683	CLARK	470625 <sup>28</sup>	52070339AA	MITSU	710480	52111953AC	MOPAR	710839
51X948	GARLK	450285	5203686	CLARK	415027	52070339AB	CHRY5	710480	521162	C-R	370015A
51X950	GARLK	471866 <sup>28,29</sup>	5203687	CLARK	471466 <sup>28</sup>	52070339AB	JEEP	710480	521162	SKF	370015A
51X9501	GARLK	330385 <sup>28</sup>	5203688	CLARK	416624 <sup>28</sup>	52070339AB	MITSU	710480	521192	CONTI	470027
51X9515	GARLK	471267 <sup>28,29</sup>	5203689	CLARK	415085 <sup>28</sup>	52070339AC	CHRY5	710480	521192	CONTI	471554 <sup>28</sup>
51X958	GARLK	473448 <sup>29</sup>	5203692	CLARK	471138 <sup>28</sup>	52070339AC	JEEP	710480	5211B	JN-MN	470682 <sup>29</sup>
51X959	GARLK	473448 <sup>29</sup>	5203693	CLARK	417343 <sup>28</sup>	52070339AC	MITSU	710480	52120	TR0S	40438S
51X960	GARLK	473448	5203695	CLARK	473237 <sup>28</sup>	52070339AC	MOPAR	710480	5212B	JN-MN	471736
51X961	GARLK	471984 <sup>29</sup>	5203696	CLARK	470954 <sup>28</sup>	52070340	CHRY5	710481	5212LUP	JN-MN	471736
51X962	GARLK	471984 <sup>29</sup>	5203699	CLARK	472015 <sup>28</sup>	52070340AA	CHRY5	710481	521315	C-R	370048A
51X963	GARLK	471984	5203703	CLARK	472020	52070340AA	JEEP	710481	521315	C-R	370182A
51X964	GARLK	473313	5203903	CLARK	412040	52070340AA	MITSU	710481	521315	C-R	380048A
51X965	GARLK	473313	520402	CONTI	473211 <sup>28</sup>	52070340AB	CHRY5	710481	521315	SKF	370048A
51X966	GARLK	473313	520428	CONTI	415003	52070340AB	JEEP	710481	521315	SKF	370182A
51X977	GARLK	472070 <sup>29</sup>	520428	CONTI	415458 <sup>28</sup>	52070340AB	MITSU	710481	521315	SKF	380048A
51X980	GARLK	471866 <sup>28</sup>	5204620	CLARK	415559	52070427AA	CHRY5	8835S	521317	CONTI	417344 <sup>28</sup>
51X981	GARLK	471866 <sup>28</sup>	5204633	CLARK	470354	52070427AA	JEEP	8835S	521317	CONTI	455006
51X983	GARLK	450118	5204691	CLARK	415294 <sup>28</sup>	52070427AB	CHRY5	8835S	5213271	VICK	470712 <sup>28</sup>
51X983	GARLK	473449	5204LA	JN-MN	472432	52070427AB	JEEP	8835S	521351	CONTI	417191
51X987	GARLK	480281 <sup>28</sup>	5204LA	JN-MN	474256	52070427AB	MITSU	8835S	521351	CONTI	455165 <sup>28</sup>
51X992	GARLK	473450	5204LPD	JN-MN	472432	52070427AB	MOPAR	8835S	521371	ALLCH	450070
51X993	GARLK	473450	5204LPD	JN-MN	474256	52070457AA	CHRY5	710836	521371	ALLCH	472185 <sup>28</sup>
5200	SEALD	5200	5205591	CHRY5	3459	52070457AA	MOPAR	710836	52148	SPICE	710492
5200	TIMKE	5200	52056	GARLK	472397 <sup>28</sup>	520709	CONTI	6863S <sup>28</sup>	5214OSR	JN-MN	415035 <sup>28</sup>
52006	GARLK	471424 <sup>28</sup>	5205717	CLARK	473224 <sup>28</sup>	52071	GARLK	473242	5214OSR	JN-MN	455035
52007658	CHRY5	4739 <sup>29</sup>	5205865	CLARK	5965	520777	CONTI	473473	52159	GARLK	473204
52007658	MOPAR	4739	5205963	CLARK	412040	5208	TIMKE	5208	52164282	IG-RA	416153 <sup>28</sup>
52007661	CHRY5	4740	5205B	JN-MN	416404 <sup>28,29</sup>	5208359	CLARK	J1122	52171	GARLK	470898
5201	SEALD	5201	5206	SEALD	5206	5208J	OSHKO	417351 <sup>28</sup>	5217B	JN-MN	415483 <sup>28</sup>
5201	TIMKE	5201	5206	TIMKE	5206	5208J	OSHKO	455154	5217B	JN-MN	455368
5202	SEALD	5202	5206032	CLARK	450461	5209514	CLARK	470605 <sup>28</sup>	52186	GARLK	472015 <sup>28</sup>
5202	TIMKE	5202	5206032	CLARK	473440	521	C-R	5M81	52187-3E000	HYUND	223840
520226	NATL	470590	5206279	CLARK	472572 <sup>28</sup>	521	SKF	5M81	521883	ALLCH	450765 <sup>28</sup>
52023	GARLK	472492 <sup>28</sup>	5206513	CLARK	415449 <sup>28</sup>	5210	DICO	203005 <sup>28</sup>	521925	CONTI	474260
520269	FULLE	450494	5206542	CLARK	415147	5210	DICO	205005	52198	GARLK	472016 <sup>28</sup>
520280	AVCO	240356	5206542	CLARK	415449 <sup>28</sup>	521012	CONTI	474278 <sup>28</sup>	522068	ADAMS	411253 <sup>28</sup>
520280	CONTI	240356	52066	NATL	484058	521012	CONTI	480356	522068	ADAMS	450099
520280	HERCU	240356	5206673	CLARK	470954 <sup>28</sup>	52107898AA	CHRY5	224200	5221	C-R	13X26X7
520282	GMC	9613S	52067595	CHRY5	8516N	52107898AA	JEEP	224200	5221	SKF	13X26X7

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
52210	GARLK	473243	522D6	WHITE	5403	5246317	SPICE	240319	52633	WAYNE	415041
52-21-0135	FIRES	7022S	5230	NATL	39813	5246318	SPICE	416921 <sup>28</sup>	52644	GARLK	415458 <sup>28</sup>
52-21-0186	FIRES	8121S	5230007	GMC	471526 <sup>28</sup>	5246318	SPICE	455011	52648	C-R	417549 <sup>28</sup>
52-21-0208	FIRES	6840S	523010	STUDE	470120	5246319	SPICE	5872S	52648	SKF	417549
52-21-0216	FIRES	8705S	523010	STUDE	471224 <sup>28</sup>	5246320	SPICE	240319	5264G	GOODM	416229
52-21-0224	FIRES	8705S	523027R91	IH	204008	5246328	SPICE	340151	526509XX	TIMKE	52X65X9
52-21-0240	FIRES	7607	52303	GARLK	471272 <sup>28</sup>	5247	NATL	39809	52656	GARLK	417343 <sup>28</sup>
52-21-0267	FIRES	29129S	523047	ADAMS	470169	524700	MICH	416666	52658	C-R	370069A
52-21-0275	FIRES	6960	523047	ADAMS	473214 <sup>28</sup>	524700	UNIVE	416666	52658	C-R	380069A
52-21-0305	FIRES	7934S	523047	LETN	470169	52475	C-R	447060	52658	SKF	370069A
52-21-0313	FIRES	4148	523047	LETN	473214	52475	SKF	447060	52658	SKF	380069A
52-21-0313	FIRES	471424 <sup>28</sup>	523061	ADAMS	472924 <sup>28</sup>	52479D	IH	472070	5265B	JN-MN	415021 <sup>29</sup>
52-21-0348	FIRES	6815	523061	LETN	472924 <sup>28</sup>	52488	C-R	415645 <sup>28,29</sup>	52660	C-R	370069A
52-21-0356	FIRES	6815	523088	ADAMS	415984 <sup>28</sup>	52488	SKF	415645	52660	C-R	380069A
52-21-0364	FIRES	5121	5231	NATL	39807	5248B	JN-MN	473420 <sup>29</sup>	52660	SKF	370069A
52-21-0372	FIRES	8871	52317	GARLK	471138 <sup>28</sup>	524B41608	TROS	415196 <sup>28</sup>	52660	SKF	380069A
52-21-0410	FIRES	9406S	523192	ADAMS	340120	5250	C-R	13X28X7 <sup>28</sup>	52664	C-R	370043A
52-21-0437	FIRES	331301N	5232	NATL	39723	5250	SKF	13X28X7	52664	C-R	370069A
52-21-0704	FIRES	3087	52329	GARLK	472636 <sup>28</sup>	5252053	CHRY5	223253	52664	C-R	380069A
52-21-0801	FIRES	6954S	5233	NATL	39705	5252499	CHRY5	4857	52664	SKF	370043A
52-21-1018	FIRES	5109	523325R91	IH	40101S	525324	MINMA	415150 <sup>28</sup>	52664	SKF	370069A
52-21-1506	FIRES	5123	5234	NATL	39701	52536	GARLK	471271 <sup>28</sup>	52664	SKF	380069A
5221412000	HYUND	1955	52341	GARLK	412920 <sup>28</sup>	5254	C-R	13X28X7 <sup>28</sup>	52675TA	TRSCM	417549 <sup>28</sup>
5221412000	HYUND	52X65X9 <sup>28</sup>	52348D	IH	412473 <sup>28</sup>	5254	SKF	13X28X7	52683	GARLK	416664 <sup>28</sup>
52214-31100	HYUND	2146	52348D	IH	415894	52544	MARI	415142	52689	GARLK	415984 <sup>28</sup>
52214585	FIRES	224045	5234LA	JN-MN	471192	52548	GARLK	470605 <sup>28</sup>	5269	ROTO	450095
522146	ADAMS	470027	523517	STUDE	473016 <sup>28</sup>	5254SH	JN-MN	340151	5269	ROTO	473464 <sup>28</sup>
522146	ADAMS	471554 <sup>28</sup>	5236	SABO	710551	5254SS	JN-MN	352560	52698	GARLK	415984 <sup>28</sup>
52-21-5234	FIRES	484058	523620	CONTI	471270 <sup>28</sup>	5254SS	JN-MN	472560N <sup>28</sup>	5269LPD	JN-MN	471744 <sup>28,29</sup>
52-21-5269	FIRES	8594S	523700	ADAMS	471192	52551	GARLK	415449 <sup>28</sup>	527008XX	TIMKE	52X70X8
52-21-5323	FIRES	9569S	523700	LETN	471192	52557	GARLK	415449 <sup>28</sup>	5270SS	JN-MN	471103 <sup>28</sup>
52-21-5439	FIRES	8660S	5237486	GMC	450115	5256	SKIL	41264S	5270SS	JN-MN	50197S
52-21-5536	FIRES	473228 <sup>28</sup>	5237486	GMC	473467	525606	ALLCH	350414	52710	GARLK	417316 <sup>28</sup>
52-21-5625	FIRES	8695S	5239SS	JN-MN	471281 <sup>28,29</sup>	525606	ALLCH	472311 <sup>28</sup>	52713-21000	HYUND	1196
52-21-5668	FIRES	8835S	523D6	WHITE	5401	52569	GARLK	416273	52713-21100	HYUND	1174
52-21-5692	FIRES	2146	5240542	CHRY5	3476	5256B	JN-MN	412920 <sup>28</sup>	52713-24000	HYUND	710404
52-21-5714	FIRES	9912	5241	DIVCO	6460S	5256B	JN-MN	450132	52713-24000	MITSU	710404
52-21-5730	FIRES	2689S	524109	CONTI	470189	5257169	GMC	455858	52713-28000	HYUND	1196
52-21-5749	FIRES	8704S	524109	CONTI	471692 <sup>28</sup>	5257224	GMC	5487	5271336000	HYUND	494122
52218-3E000	KIA	223840	524.215	ELRNG	710813	5257225	GMC	455858	527176	C-R	370023A
5221LA	JN-MN	450307	52422	GARLK	470565 <sup>28</sup>	52573	HYST	473227 <sup>28</sup>	527176	C-R	380023A
522241	CONTI	474255	52434	GARLK	413246	5257B	JN-MN	417350 <sup>28</sup>	527176	SKF	370023A
5222SS	JN-MN	471354 <sup>28,29</sup>	52434	GARLK	413246N	5257B	JN-MN	455479	527176	SKF	380023A
522309	WOOL	417205 <sup>28</sup>	52436008.5	TROS	370008A	52583	OLIVE	353132	52719	GARLK	415960
522467	CONTI	471442 <sup>28</sup>	52440008	TROS	370015A	525.871	ELRNG	710642	5271SS	JN-MN	472258 <sup>28</sup>
5224B	JN-MN	450593 <sup>28</sup>	52441608	TROS	415196 <sup>28</sup>	52 58 967	SAAB	710484	527208XX	TIMKE	52X72X8
52257	ALLCH	416865 <sup>28</sup>	52445	C-R	417262 <sup>28,29</sup>	5259	ROTO	471466 <sup>28</sup>	5273	TIMKE	5273
52257	ALLCH	455070	52445	C-R	455448	525978	ALLCH	411253 <sup>28</sup>	527302	CLARK	417562
52260	TROS	471787 <sup>28</sup>	52445	SKF	417262	525978	ALLCH	450099	5273B	JN-MN	417780 <sup>29</sup>
522678	ADAMS	450441	52445	SKF	455448	525H	CHRY5	473426	5274	TIMKE	5274
522678	ADAMS	471341 <sup>28</sup>	52446	GARLK	413247 <sup>28</sup>	525H	DURA	473426	5274A	TIMKE	5274A
52278318	GMC	710780	5245135	CHRY5	471424V	5260939	CLARK	415036	5276	TMTR	473215 <sup>28</sup>
522887	ADAMS	473464	524569	LETN	415836	5260F	GOODM	415294 <sup>28</sup>	52765	DANA	710869
522887	LETN	410059	524569	LETN	415995 <sup>28</sup>	5260F	GOODM	455294	52765	SPICE	710869
522887	LETN	470380 <sup>28</sup>	52461	GARLK	416271 <sup>28</sup>	52617	GARLK	413248	5276LA	JN-MN	471391 <sup>28</sup>
522958	ADAMS	472015 <sup>28</sup>	5246314	SPICE	450067	526199	ALLCH	204008	5277	TIMKE	5277
522958	LETN	472015 <sup>28</sup>	5246314	SPICE	473228	52623	HYST	40337S	52770	GARLK	415303 <sup>28</sup>
522959	ADAMS	455655 <sup>28</sup>	5246315	SPICE	415449 <sup>28</sup>	52625TA	TRSCM	417262 <sup>28</sup>	527739R91	IH	473225
522959	WABCO	455655 <sup>28</sup>	5246315	SPICE	455147	52625TA	TRSCM	455448	5278	SABO	710603
522D6	DIA	5403	5246316	SPICE	5872S	52632	GARLK	415483	5278	TIMKE	5278

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
52782	GARLK	417344 <sup>28</sup>	5292SS	JN-MN	471539 <sup>28</sup>	53005629	CHRY	713103	53021585AC	CHRY	710842
527.858	ELRNG	710651	52931D	IH	450048	53005630	CHRY	713103	53021585AC	JEEP	710842
5278LA	JN-MN	416167 <sup>28</sup>	52940S	TROS	450066	53005837	CHRY	710885	53021585AD	CHRY	710842
5278LA	JN-MN	455091	52940S	TROS	473367 <sup>28</sup>	530060	CHRY	473471	53021585AD	JEEP	710842
5279	TIMKE	5279	529443R91	IH	471442 <sup>28</sup>	53006828	CHRY	710885	53021585AD	MOPAR	710842
52791	GARLK	417158 <sup>28</sup>	529466R91	IH	417698	53009	GARLK	417349 <sup>28</sup>	5-3023	IPS	1183
52797	MASTE	471570 <sup>28</sup>	529484	WHITE	417344 <sup>28</sup>	530102R91	IH	416664 <sup>28</sup>	53024	IPS	1174
5279A	TIMKE	5279A	529485	WHITE	J1119	53011	IPS	1012N	5-3025	IPS	1188
527H2	WHITE	450066	5294B	JN-MN	417520 <sup>29</sup>	53011	IPS	45X62X8 <sup>28</sup>	53027	IPS	1973
527H2	WHITE	473367 <sup>28</sup>	529582	STUDE	450867	53013D	IH	415379	5-3028	IPS	2002
528	C-R	5M89	529582	STUDE	470898	5-3014	IPS	1949	530289	CONTI	451583 <sup>28</sup>
528	SKF	5M89	5295B	JN-MN	416892 <sup>28</sup>	5-3015	IPS	1196	5-3029	IPS	4990
5280	C-R	13X30X7 <sup>28</sup>	5296B	JN-MN	417273	5-3016	IPS	494122	5-3031	IPS	4990
5280	SKF	13X30X7	5297073	CLARK	417496	530165	CHRY	415449 <sup>28</sup>	5303144	GMC	471466 <sup>28</sup>
528010A	HARWA	52X80X10	52975D	IH	470074	530165	CHRY	455147	53032	ALLCH	415960 <sup>28</sup>
528010XX	TIMKE	52X80X10	52975D	IH	474265	5301691	EATON	471255 <sup>28</sup>	53032	ALLCH	455009
5280B	JN-MN	55301S <sup>29</sup>	5297SH	JN-MN	417267	5-3017	IPS	474134	53033	GARLK	415836
52810-43000	HYUND	223550	5298SS	JN-MN	470712 <sup>28</sup>	53018	GARLK	417350 <sup>28</sup>	53033	GARLK	415995 <sup>28</sup>
52810-44100	HYUND	225875	52D3	WHITE	471442 <sup>28</sup>	53020488	CHRY	713103	5-3036	IPS	1999
52812	GARLK	416921 <sup>28</sup>	52X17925A	JOHND	240435	53020488AB	CHRY	713103	5303625	CLARK	412473 <sup>28</sup>
52820-43000	HYUND	710484	52X65X9	TIMKE	52X65X9	53020599AB	CHRY	5174	5303625	CLARK	415894
528367	C-R	370021A	52X65X9SC	TRSCM	52X65X9 <sup>28</sup>	5302 0599AB	JEEP	5174	5303635	CLARK	471424 <sup>28</sup>
528367	SKF	370021A	52X65X9TC	TRSCM	52X65X9 <sup>28</sup>	53020788	CHRY	710471	5303655	CLARK	455290
528370	C-R	370019A	52X70X8SC	TRSCM	52X70X8 <sup>28</sup>	53020788	JEEP	710471	530370	FRUEH	370065A
528370	SKF	370019A	52X70X8TC	TRSCM	52X70X8 <sup>28</sup>	53020788	MITSU	710471	530370	FRUEH	376590A
528507XX	TIMKE	52X85X7	52X72X8	TIMKE	52X72X8	53020788AB	CHRY	710471	530370	FRUEH	380065A
52852	MASTE	450133	52X72X8SC	TRSCM	52X72X8 <sup>28</sup>	53020788AB	JEEP	710471	5-3038	IPS	472213
52852	RELEE	450133	52X72X8TC	TRSCM	52X72X8 <sup>28</sup>	53020788AB	MITSU	710471	5-3039	IPS	223535
52854126AA	CHRY	100796	52X80X10	SIMRT	52X80X10	53020788AB	MOPAR	710471	5-3041	IPS	1992
52854126AA	MOPAR	100796	52X80X10SC	TRSCM	52X80X10	53020790	CHRY	710472	53042	GARLK	417351 <sup>28</sup>
52854578AA	CHRY	710780	52X80X10TC	TRSCM	52X80X10	53020790	JEEP	710472	530475	ALLCH	450361
52854578AA	JEEP	710780	53	UNIVE	450025	53021103	CHRY	710885	530475	ALLCH	472193 <sup>28</sup>
528576	ACF	41264S	53	UNIVE	471553 <sup>28</sup>	53021303AA	CHRY	710842	5-3048	IPS	1943
52869D	IH	415836	530000	GEHL	472439	53021303AA	JEEP	710842	530480	FRUEH	370065A
52869D	IH	415995 <sup>28</sup>	53000237	CHRY	4019N	53021313AA	CHRY	710472	530480	FRUEH	376590A
5287	TIMKE	5287	53000239	AMC	470547	53021313AA	JEEP	710472	530480	FRUEH	380065A
528712	UNIVE	416476 <sup>28</sup>	530003	GEHL	473016 <sup>28</sup>	53021313AA	MITSU	710472	530488	CHRY	450095
528712	UNIVE	455075	53000476	CHRY	473212 <sup>28</sup>	53021313AA	MOPAR	710472	530488	CHRY	473464 <sup>28</sup>
528713	MICH	416476 <sup>28</sup>	53000477	JEEP	2146	53021335AB	CHRY	710841	530489	CHRY	411253 <sup>28</sup>
528713	MICH	455075	53000477	MOPAR	2146	53021335AB	JEEP	710841	530489	CHRY	450099
5287A	TIMKE	5287A	530006	GEHL	471138 <sup>28</sup>	53021335AC	CHRY	710841	530520	CONTI	340385
5288	TIMKE	5288	530008	GEHL	471276	53021335AC	JEEP	710841	530573	AVANT	40769S
5289	ROTO	450415	530009	GEHL	291099	53021335AD	CHRY	710841	530573	STUDE	40769S
528942	C-R	370065A <sup>16</sup>	530012	GEHL	471760	53021335AD	JEEP	710841	53058	IPS	1012N
528942	C-R	376590A <sup>31</sup>	530013	GEHL	240319	53021335AE	CHRY	710841	53058	IPS	45X62X8 <sup>28</sup>
528942	C-R	380065A	530014	GEHL	481163 <sup>28</sup>	53021335AE	JEEP	710841	5305SS	JN-MN	471529
528942	SKF	370065A	530016	GEHL	473225 <sup>28</sup>	53021335BA	CHRY	710841	5307SS	JN-MN	471652
528942	SKF	376590A	530017	GEHL	450083	53021335BA	JEEP	710841	530859	CONTI	416956
528942	SKF	380065A	530017	GEHL	472924 <sup>28</sup>	53021337AB	CHRY	710841	53088	IPS	225230
529023	ALLCH	412473 <sup>28</sup>	530019	GEHL	472041	53021337AB	JEEP	710841	53088	IPS	52X72X8 <sup>28</sup>
529023	ALLCH	415894	530019	GEHL	473454	53021338AA	CHRY	710841	53089	IPS	54X72X10
529029	ALLCH	472354 <sup>28</sup>	5-3002	IPS	58X72X8	53021338AA	JEEP	710841	53091	IPS	225110
529029	ALLCH	50395S	530021	GEHL	474278 <sup>28</sup>	53021338AB	CHRY	710841	5-3092	IPS	224015
529046	ALLCH	471737	530021	GEHL	480356	53021338AB	JEEP	710841	5-3093	IPS	1950
529057	ALLCH	470954 <sup>28</sup>	530022	GEHL	471272 <sup>28</sup>	5302 1339AC	CHRY	710841	53094	IPS	224820
5291	TIMKE	5291	5300241	EATON	J1126	5302 1339AC	JEEP	710841	53094	IPS	48X62X8 <sup>28</sup>
5291LA	JN-MN	416102	53002642	AMC	470331N	53021585AA	CHRY	710842	53096	IPS	226285
5291LUP	JN-MN	416102	5300331	EATON	J1136	53021585AA	JEEP	710842	53096	IPS	62X85X8 <sup>28</sup>
5292722	CLARK	415559	5300381	EATON	415725 <sup>28</sup>	53021585AB	CHRY	710842	53096	IPS	62X85X8 <sup>28</sup>
5292736	CLARK	472020	530038100	EATON	415725 <sup>28</sup>	53021585AB	JEEP	710842	530969R91	IH	471419

INTERCHANGE SECTION

<sup>16</sup>Spindle Mount; <sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>31</sup>Hub Mount

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
530969R91	IH	473367	53243209	TROS	416888 <sup>28</sup>	534604	STUDE	471413 <sup>28</sup>	536778	CHRYS	455009
5-3099	IPS	480630 <sup>28</sup>	53243209	TROS	455200	53461	HYST	450352	536810A	HARWA	53X68X10
5-3099	IPS	480991	53243210	TROS	416888 <sup>28</sup>	53461	HYST	472164 <sup>28</sup>	536810XX	TIMKE	53X68X10
531	C-R	5M89	532467	CONTI	450441	534641	STUDE	471466 <sup>28</sup>	53688	C-R	417551
531	SKF	5M89	532467	CONTI	471341 <sup>28</sup>	534655	STUDE	351267	53688	SKF	417551
53102	IPS	224045	532471	CONTI	471529	534655	STUDE	471267 <sup>28</sup>	53692	C-R	455576 <sup>28</sup>
53102	TROS	7934S	532489	CONTI	470045	534798	CONTI	450431	53692	SKF	455576
53102S	TROS	7934S	532489	CONTI	476838 <sup>28</sup>	534798	CONTI	471539 <sup>28</sup>	536D4	WHITE	415001 <sup>28</sup>
53103173	SEAT	716102	5324SH	JN-MN	40208 <sup>29</sup>	534938	CONTI	450588 <sup>28</sup>	536D4	WHITE	455001
531032	STUDE	8160S	5324SS	JN-MN	472324 <sup>28</sup>	534939	CATER	J1117	53701	C-R	415938 <sup>29</sup>
53104	GARLK	416011	532506	CONTI	471647	534956	CONTI	471538 <sup>28</sup>	53701	SKF	415938
53104	GARLK	417621 <sup>28</sup>	532508	CONTI	471571	534957	CONTI	471538 <sup>28</sup>	53715V	IH	475003N
53106	IPS	1174	532509	C-R	370003A	53499	GARLK	417196 <sup>28</sup>	5371B	JN-MN	471652 <sup>29</sup>
5-3109	IPS	1209	532509	C-R	380003A	53502S	TROS	6712NA	53721	GARLK	417211 <sup>28</sup>
5-3111	IPS	1984	532509	SKF	370003A	53503	TROS	472164 <sup>28</sup>	53732	MASTE	417172
5-3113	IPS	482126	532509	SKF	380003A	535065	CATER	J1121	53733	GARLK	416345 <sup>28</sup>
5-3116	IPS	444116	532510	CONTI	471551 <sup>28</sup>	5351	UNIVE	370021A	5373B	JN-MN	415035 <sup>28</sup>
53119	IPS	224045	532534	CONTI	450030	5351142	AMC	472635	5373B	JN-MN	455035
53120	IPS	225010	532534	CONTI	474253 <sup>28</sup>	535121	ALLCH	412871 <sup>28</sup>	53745	GARLK	415697 <sup>28</sup>
53120	IPS	50X65X8 <sup>28</sup>	532663	WHITE	455022	535121	ALLCH	450329	5374B	JN-MN	417511
5313	TIMKE	5313	532664	WHITE	418028	5351OS	JN-MN	455018	537.510	ELRNG	710618
53135	C-R	135X160X13	532664	WHITE	455137 <sup>28</sup>	5351OS	JN-MN	476470	5375R	JN-MN	450389
53135	SKF	135X160X13	532665	COC	416339	535208R92	IH	471413 <sup>28</sup>	5375R	JN-MN	472492 <sup>28</sup>
531378	CONTI	471526 <sup>28</sup>	532665	COC	455031 <sup>28</sup>	535209R91	IH	471424V	53763	GARLK	417366 <sup>28</sup>
531379	CONTI	450188	532665	WHITE	416339	535209R92	IH	471424 <sup>28</sup>	53763	HYST	6872S
5313OSR	JN-MN	416047	532665	WHITE	455031 <sup>28</sup>	5352171	AMC	442380	53764	HYST	6481S
5313OSR	JN-MN	416332 <sup>28</sup>	53275	GARLK	417353 <sup>28</sup>	5352609	AMC	471271 <sup>28</sup>	537696	ALLCH	350936
53140	C-R	135X160X13	5329	TIMKE	5329	5352786	AMC	417480 <sup>28</sup>	5377	FULLE	415836
53140	SKF	135X160X13	532957	C-R	340872	5352786	AMC	455860	5377	FULLE	415995 <sup>28</sup>
5-3142	IPS	5696	532957	SKF	340872	535554	CONTI	470189	53770D	IH	415836
53143	GARLK	417171 <sup>28</sup>	532990	CONTI	472354 <sup>28</sup>	535554	CONTI	471692 <sup>28</sup>	53770D	IH	415995 <sup>28</sup>
5314B	JN-MN	416167 <sup>28</sup>	532990	CONTI	50395S	535604	STUDE	340771	53775	C-R	417554 <sup>28</sup>
5314B	JN-MN	455091	532GC220A	MACK	5645 <sup>30</sup>	5356675	AMC	442874	53775	SKF	417554
53151	C-R	417550	53320	TROS	415060	535667R91	IH	477055	53790	C-R	3292
53151	SKF	417550	533225	CONTI	473441	535674	FRUEH	455260	53790	SKF	3292
531690569	CHALL	415013	533226	CONTI	417474	53568	GARLK	416047	53799	C-R	416112
531690569	CHALL	415995 <sup>28</sup>	53326D	IH	410312N	53568	GARLK	416332 <sup>28</sup>	53799	SKF	416112
531813	CHRYS	415988	5334	C-R	471530 <sup>29</sup>	5358980	AMC	482267	53806D	IH	415437
5318LA	JN-MN	470059	5334	SKF	471530	5359457	AMC	3173	5381-26-157	VILA	710150
5318LA	JN-MN	470380 <sup>28</sup>	53346	GARLK	416294 <sup>28</sup>	5359457	AMC	710928	53825	HYST	410308 <sup>28</sup>
5320B	JN-MN	471391 <sup>28</sup>	5335	LAU	471570 <sup>28</sup>	53596HB	IH	412871 <sup>28</sup>	53825	HYST	473468
532101	BENDI	350435	53351-M2000	HYUND	710396	53596HB	IH	450329	538283	GE	340009S
5321B	JN-MN	472319 <sup>29</sup>	53351-M2000	KIA	710396	5359703	AMC	471271 <sup>28</sup>	5386LA	JN-MN	55301S <sup>29</sup>
53220	TROS	416297	53352-43000	HYUND	224255	53601	GARLK	417355 <sup>28</sup>	53872D	IH	410708
53221	TROS	415960	53352-44000	HYUND	224570	53613	GARLK	416125 <sup>28</sup>	53877	SPICE	710701
53221	TROS	455009	53352-4A000	HYUND	224570	536144R91	IH	413246N	53888D	IH	472924 <sup>28</sup>
53222	TROS	415857 <sup>28</sup>	53358DA	IH	210945	536144R91	IH	470574N	538948	CONTI	471442 <sup>28</sup>
5322B	JN-MN	416167 <sup>28</sup>	53364	GARLK	412473 <sup>28</sup>	536282	ALLCH	470358	5389LA	JN-MN	471413 <sup>28</sup>
5322B	JN-MN	455091	53364	GARLK	415894	536282	ALLCH	473231 <sup>28</sup>	5389LUP	JN-MN	471413 <sup>28</sup>
53234409	TROS	417502	53366	NATL	39719	53634D	IH	8650S	53902	HYST	455858
53236	GARLK	417181 <sup>28</sup>	53379	GARLK	417191	5363713	GMC	470605 <sup>28</sup>	53912	HYST	6988H
53236009	TROS	417506	5338	NATL	5095	53640S	TROS	6636S	539161	GMC	291295
53240009	TROS	415036	53394	GARLK	417354 <sup>28</sup>	53646	GARLK	416041	539226	CONTI	450441
53240310	TROS	370024A	5340B	JN-MN	455290 <sup>29</sup>	53646	HYST	415725 <sup>28</sup>	539226	CONTI	471341 <sup>28</sup>
53240409	TROS	455037	53449	BORGW	450291	5365082	AMC	3945	53925	HYST	470898
532404X09	TROS	370009A	53449	BORGW	471141 <sup>28</sup>	5365G	GOODM	417298	5394B	JN-MN	473215 <sup>28</sup>
532404X09	TROS	380009A	5344R	JN-MN	416071	53660	TROS	472164 <sup>28</sup>	539.580	ELRNG	473677
53241010	TROS	9128S	5345B	JN-MN	417350 <sup>28</sup>	53667	GARLK	417205 <sup>28</sup>	539.580	ELRNG	710808
53241609	TROS	416891 <sup>28</sup>	5345B	JN-MN	455479	53675TA	TRSCM	417554 <sup>28</sup>	53967D	IH	473215 <sup>28</sup>
53243208	TROS	416888 <sup>28</sup>	53460	GARLK	416624 <sup>28</sup>	536778	CHRYS	415960 <sup>28</sup>	53968D	IH	473228

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
53968D	IH	51098	53X2251	GARLK	456105	53X2330	GARLK	416321	53X2417	GARLK	416047
5397	TIMKE	5397	53X2252	GARLK	417490 <sup>29</sup>	53X2336	GARLK	415025	53X2417	GARLK	416332 <sup>28</sup>
5399	C-R	471281	53X2253	GARLK	417490 <sup>29</sup>	53X2337	GARLK	415025 <sup>29</sup>	53X2418	GARLK	416047
5399	SKF	471281	53X2254	GARLK	417490	53X2338	GARLK	415025 <sup>29</sup>	53X2418	GARLK	416332 <sup>28</sup>
5399	TIMKE	5399	53X2255	GARLK	455336 <sup>29</sup>	53X2342	GARLK	416327	53X2419	GARLK	416047
53H027	SHOV	450301	53X2256	GARLK	455336 <sup>29</sup>	53X2345	GARLK	55419	53X2419	GARLK	416332 <sup>28</sup>
53H027	SHOV	472397 <sup>28</sup>	53X2257	GARLK	455336 <sup>29</sup>	53X2346	GARLK	55419	53X2420	GARLK	415937 <sup>28</sup>
53H039	SHOV	474276 <sup>28</sup>	53X2260	GARLK	6358	53X2347	GARLK	55419	53X2421	GARLK	415937 <sup>28</sup>
53R012	SHOV	415001 <sup>28</sup>	53X2261	GARLK	417490	53X2348	GARLK	417493 <sup>29</sup>	53X2422	GARLK	415937 <sup>28</sup>
53R012	SHOV	455001	53X2267	GARLK	455022 <sup>29</sup>	53X2349	GARLK	417493 <sup>29</sup>	53X2423	GARLK	417355 <sup>28</sup>
53W005	SHOV	415007	53X2268	GARLK	455022 <sup>29</sup>	53X2350	GARLK	417493	53X2424	GARLK	417355 <sup>28,29</sup>
53X2174	GARLK	415836	53X2269	GARLK	455022 <sup>29</sup>	53X2354	GARLK	417494 <sup>29</sup>	53X2425	GARLK	417355 <sup>28</sup>
53X2174	GARLK	415995 <sup>28</sup>	53X2270	GARLK	476470	53X2355	GARLK	417494 <sup>29</sup>	53X2426	GARLK	416125 <sup>28</sup>
53X2177	GARLK	417351 <sup>28</sup>	53X2271	GARLK	476470	53X2356	GARLK	417494	53X2427	GARLK	416125 <sup>28,29</sup>
53X2178	GARLK	417351 <sup>28</sup>	53X2272	GARLK	455018	53X2357	GARLK	455026 <sup>29</sup>	53X2428	GARLK	416125 <sup>28,29</sup>
53X2178	GARLK	455154	53X2272	GARLK	476470	53X2358	GARLK	455026 <sup>29</sup>	53X2432	GARLK	417499
53X2180	GARLK	415086N	53X2273	GARLK	417181 <sup>28</sup>	53X2359	GARLK	455026 <sup>29</sup>	53X2435	GARLK	415832
53X2180	GARLK	417487 <sup>28</sup>	53X2274	GARLK	417181 <sup>28,29</sup>	53X2363	GARLK	455471 <sup>29</sup>	53X2441	GARLK	417501 <sup>29</sup>
53X2181	GARLK	417487	53X2275	GARLK	417181 <sup>28</sup>	53X2364	GARLK	455471 <sup>29</sup>	53X2442	GARLK	417501 <sup>29</sup>
53X2181	GARLK	455014	53X2276	GARLK	418028	53X2365	GARLK	455471 <sup>29</sup>	53X2443	GARLK	417501
53X2182	GARLK	417487	53X2277	GARLK	418028	53X2366	GARLK	415991	53X2447	GARLK	55030 <sup>29</sup>
53X2182	GARLK	455014	53X2277	GARLK	455137 <sup>28</sup>	53X2366	GARLK	455146 <sup>28</sup>	53X2448	GARLK	55030 <sup>29</sup>
53X2183	GARLK	417488 <sup>28</sup>	53X2278	GARLK	418028	53X2367	GARLK	415991	53X2449	GARLK	55030 <sup>29</sup>
53X2184	GARLK	417488 <sup>28,29</sup>	53X2278	GARLK	455137 <sup>28</sup>	53X2367	GARLK	455146 <sup>28</sup>	53X2453	GARLK	416670 <sup>29</sup>
53X2185	GARLK	417488 <sup>28</sup>	53X2279	GARLK	417353 <sup>28</sup>	53X2368	GARLK	415991	53X2454	GARLK	416670 <sup>29</sup>
53X2186	GARLK	415088	53X2280	GARLK	417353 <sup>28</sup>	53X2368	GARLK	455146 <sup>28</sup>	53X2455	GARLK	416670 <sup>29</sup>
53X2187	GARLK	415088 <sup>28</sup>	53X2281	GARLK	417353 <sup>28</sup>	53X2369	GARLK	417196 <sup>28,29</sup>	53X2459	GARLK	417502 <sup>29</sup>
53X2187	GARLK	455088	53X2282	GARLK	456305	53X2370	GARLK	417196 <sup>28,29</sup>	53X2462	GARLK	415379 <sup>28</sup>
53X2188	GARLK	455019 <sup>28</sup>	53X2284	GARLK	416865 <sup>28</sup>	53X2371	GARLK	417196 <sup>28</sup>	53X2462	GARLK	455379
53X2189	GARLK	55548	53X2288	GARLK	415023	53X2372	GARLK	415437	53X2463	GARLK	415379
53X2192	GARLK	416370 <sup>28</sup>	53X2289	GARLK	415023	53X2373	GARLK	415437 <sup>28</sup>	53X2464	GARLK	415379 <sup>28</sup>
53X2195	GARLK	455820 <sup>29</sup>	53X2290	GARLK	415023	53X2373	GARLK	455173	53X2464	GARLK	455379
53X2198	GARLK	455019 <sup>28</sup>	53X2294	GARLK	455328 <sup>29</sup>	53X2374	GARLK	415437 <sup>28</sup>	53X2465	GARLK	417205 <sup>28</sup>
53X2199	GARLK	455019 <sup>28</sup>	53X2295	GARLK	455328 <sup>29</sup>	53X2374	GARLK	455173	53X2466	GARLK	417205 <sup>28,29</sup>
53X2200	GARLK	455019 <sup>28</sup>	53X2296	GARLK	455328 <sup>29</sup>	53X2375	GARLK	417198 <sup>29</sup>	53X2467	GARLK	417205 <sup>28</sup>
53X2204	GARLK	455015 <sup>29</sup>	53X2298	GARLK	417491 <sup>29</sup>	53X2376	GARLK	417198 <sup>29</sup>	53X2468	GARLK	416339
53X2205	GARLK	455015 <sup>29</sup>	53X2299	GARLK	417491	53X2377	GARLK	417198	53X2469	GARLK	416339
53X2206	GARLK	455015	53X2300	GARLK	415085 <sup>28</sup>	53X2378	GARLK	415027	53X2469	GARLK	455031 <sup>28</sup>
53X2222	GARLK	455020 <sup>29</sup>	53X2300	GARLK	456648	53X2379	GARLK	415027 <sup>28</sup>	53X2470	GARLK	416339 <sup>29</sup>
53X2225	GARLK	416011	53X2306	GARLK	416313	53X2379	GARLK	455027	53X2474	GARLK	415150 <sup>28</sup>
53X2225	GARLK	417621 <sup>28</sup>	53X2307	GARLK	416313 <sup>29</sup>	53X2380	GARLK	415027	53X2475	GARLK	415150 <sup>28</sup>
53X2226	GARLK	416011	53X2308	GARLK	416313	53X2381	GARLK	417495 <sup>29</sup>	53X2476	GARLK	415150 <sup>28</sup>
53X2226	GARLK	417621 <sup>28</sup>	53X2312	GARLK	455024	53X2382	GARLK	417495 <sup>29</sup>	53X2477	GARLK	416127
53X2227	GARLK	416011	53X2313	GARLK	455024 <sup>29</sup>	53X2383	GARLK	417495	53X2480	GARLK	417503 <sup>29</sup>
53X2227	GARLK	417621 <sup>28</sup>	53X2314	GARLK	455024 <sup>29</sup>	53X2384	GARLK	415559 <sup>29</sup>	53X2484	GARLK	417504 <sup>29</sup>
53X2228	GARLK	416288 <sup>28</sup>	53X2321	GARLK	412473 <sup>28</sup>	53X2385	GARLK	415559 <sup>29</sup>	53X2485	GARLK	417504
53X2229	GARLK	416288 <sup>28,29</sup>	53X2321	GARLK	415894	53X2386	GARLK	415559 <sup>29</sup>	53X2486	GARLK	455032 <sup>28,29</sup>
53X2230	GARLK	416288 <sup>28,29</sup>	53X2322	GARLK	412473 <sup>28</sup>	53X2390	GARLK	417496 <sup>29</sup>	53X2487	GARLK	455032 <sup>28,29</sup>
53X2231	GARLK	417171 <sup>28</sup>	53X2322	GARLK	415894	53X2391	GARLK	417496	53X2488	GARLK	455032 <sup>28,29</sup>
53X2232	GARLK	417171 <sup>28,29</sup>	53X2323	GARLK	412473 <sup>28</sup>	53X2392	GARLK	417496 <sup>29</sup>	53X2492	GARLK	455189 <sup>29</sup>
53X2233	GARLK	417171 <sup>28</sup>	53X2323	GARLK	415894	53X2393	GARLK	415711 <sup>29</sup>	53X2493	GARLK	455189 <sup>29</sup>
53X2234	GARLK	417172 <sup>29</sup>	53X2324	GARLK	417191	53X2394	GARLK	415711 <sup>29</sup>	53X2494	GARLK	455189 <sup>29</sup>
53X2235	GARLK	417172 <sup>29</sup>	53X2324	GARLK	455165 <sup>28</sup>	53X2395	GARLK	415711	53X2501	GARLK	417211 <sup>28</sup>
53X2236	GARLK	417172 <sup>29</sup>	53X2325	GARLK	417191	53X2396	GARLK	417497 <sup>29</sup>	53X2502	GARLK	417211 <sup>28</sup>
53X2237	GARLK	416297 <sup>29</sup>	53X2325	GARLK	455165 <sup>28</sup>	53X2397	GARLK	417497 <sup>29</sup>	53X2503	GARLK	417211 <sup>28</sup>
53X2246	GARLK	415021	53X2326	GARLK	417191	53X2398	GARLK	417497	53X2504	GARLK	416345 <sup>28</sup>
53X2247	GARLK	415021 <sup>29</sup>	53X2326	GARLK	455165 <sup>28</sup>	53X2399	GARLK	417498 <sup>29</sup>	53X2505	GARLK	416345 <sup>28</sup>
53X2248	GARLK	415021 <sup>29</sup>	53X2327	GARLK	417354 <sup>28,29</sup>	53X2400	GARLK	417498 <sup>29</sup>	53X2505	GARLK	455033
53X2249	GARLK	456105 <sup>29</sup>	53X2328	GARLK	417354 <sup>28,29</sup>	53X2401	GARLK	417498	53X2506	GARLK	416345 <sup>28</sup>
53X2250	GARLK	456105 <sup>29</sup>	53X2329	GARLK	417354 <sup>28</sup>	53X2402	GARLK	55028 <sup>29</sup>	53X2506	GARLK	455033

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
53X2507	GARLK	415697 <sup>28</sup>	53X2567	GARLK	417223 <sup>29</sup>	53X2682	GARLK	415058	53X2780	GARLK	417533 <sup>29</sup>
53X2507	GARLK	455547	53X2568	GARLK	417223	53X2683	GARLK	415058 <sup>29</sup>	53X2781	GARLK	417533
53X2508	GARLK	415697 <sup>28</sup>	53X2569	GARLK	417223 <sup>29</sup>	53X2684	GARLK	456141	53X2782	GARLK	417533 <sup>29</sup>
53X2508	GARLK	455547	53X2579	GARLK	455037 <sup>29</sup>	53X2687	GARLK	455197N <sup>29</sup>	53X2786	GARLK	417534 <sup>29</sup>
53X2509	GARLK	415697 <sup>28</sup>	53X2580	GARLK	455037	53X2688	GARLK	455197N	53X2787	GARLK	417534 <sup>29</sup>
53X2509	GARLK	455547	53X2581	GARLK	455037 <sup>29</sup>	53X2689	GARLK	455197N <sup>29</sup>	53X2788	GARLK	417534
53X2510	GARLK	417366 <sup>28</sup>	53X2600	GARLK	417511	53X2693	GARLK	417520 <sup>29</sup>	53X2792	GARLK	457585 <sup>29</sup>
53X2511	GARLK	417366 <sup>28</sup>	53X2601	GARLK	417511 <sup>29</sup>	53X2694	GARLK	417520	53X2798	GARLK	416156
53X2512	GARLK	417366 <sup>28</sup>	53X2602	GARLK	417511	53X2695	GARLK	417520 <sup>29</sup>	53X2799	GARLK	416156
53X2513	GARLK	415958 <sup>28</sup>	53X2603	GARLK	415142 <sup>29</sup>	53X2699	GARLK	416144 <sup>29</sup>	53X2801	GARLK	415371
53X2513	GARLK	455958	53X2604	GARLK	415142 <sup>29</sup>	53X2700	GARLK	416144 <sup>29</sup>	53X2802	GARLK	415371
53X2516	GARLK	417505	53X2605	GARLK	415142 <sup>29</sup>	53X2701	GARLK	416144	53X2803	GARLK	415371 <sup>29</sup>
53X2519	GARLK	415034 <sup>28</sup>	53X2609	GARLK	417512 <sup>29</sup>	53X2705	GARLK	417238	53X2804	GARLK	455685 <sup>29</sup>
53X2520	GARLK	415034 <sup>28</sup>	53X2610	GARLK	417512	53X2708	GARLK	415425	53X2805	GARLK	455685 <sup>29</sup>
53X2520	GARLK	455034	53X2611	GARLK	417512 <sup>29</sup>	53X2711	GARLK	416380 <sup>28</sup>	53X2806	GARLK	455685
53X2521	GARLK	415304	53X2615	GARLK	415043 <sup>29</sup>	53X2712	GARLK	415196 <sup>28</sup>	53X2807	GARLK	416158 <sup>29</sup>
53X2521	GARLK	476470 <sup>28</sup>	53X2616	GARLK	415043	53X2713	GARLK	415196 <sup>28,29</sup>	53X2808	GARLK	416158 <sup>29</sup>
53X2525	GARLK	455191 <sup>29</sup>	53X2617	GARLK	415043 <sup>29</sup>	53X2717	GARLK	415047 <sup>29</sup>	53X2809	GARLK	416158
53X2527	GARLK	455191 <sup>29</sup>	53X2621	GARLK	455203 <sup>29</sup>	53X2718	GARLK	415047	53X2813	GARLK	415064 <sup>29</sup>
53X2528	GARLK	415263	53X2622	GARLK	455203 <sup>29</sup>	53X2719	GARLK	415047 <sup>29</sup>	53X2814	GARLK	415064
53X2529	GARLK	415263 <sup>29</sup>	53X2623	GARLK	455203	53X2723	GARLK	416149 <sup>29</sup>	53X2815	GARLK	415064 <sup>29</sup>
53X2530	GARLK	415263 <sup>29</sup>	53X2627	GARLK	455056 <sup>29</sup>	53X2724	GARLK	416149 <sup>29</sup>	53X2825	GARLK	417535
53X2531	GARLK	417506 <sup>29</sup>	53X2628	GARLK	455056	53X2725	GARLK	416149	53X2826	GARLK	417535 <sup>29</sup>
53X2532	GARLK	417506	53X2629	GARLK	455056 <sup>29</sup>	53X2726	GARLK	417522	53X2827	GARLK	417535
53X2533	GARLK	417506 <sup>29</sup>	53X2630	GARLK	455194 <sup>29</sup>	53X2729	GARLK	415060 <sup>29</sup>	53X2831	GARLK	417536
53X2537	GARLK	415035	53X2631	GARLK	455194 <sup>29</sup>	53X2730	GARLK	415060	53X2832	GARLK	417536
53X2537	GARLK	415953	53X2632	GARLK	455194 <sup>29</sup>	53X2731	GARLK	415060 <sup>29</sup>	53X2833	GARLK	417536 <sup>29</sup>
53X2538	GARLK	415035 <sup>28</sup>	53X2636	GARLK	417513 <sup>29</sup>	53X2738	GARLK	417525 <sup>29</sup>	53X2834	GARLK	417537
53X2538	GARLK	455035	53X2637	GARLK	417513	53X2739	GARLK	417525	53X2835	GARLK	417537 <sup>29</sup>
53X2539	GARLK	415035	53X2638	GARLK	417513 <sup>29</sup>	53X2740	GARLK	417525 <sup>29</sup>	53X2836	GARLK	417537
53X2539	GARLK	415953	53X2642	GARLK	417514 <sup>29</sup>	53X2744	GARLK	417526 <sup>29</sup>	53X2837	GARLK	415138 <sup>28</sup>
53X2540	GARLK	417356 <sup>28</sup>	53X2643	GARLK	417514	53X2745	GARLK	417526 <sup>29</sup>	53X2838	GARLK	415138 <sup>28</sup>
53X2540	GARLK	455188	53X2644	GARLK	417514 <sup>29</sup>	53X2746	GARLK	417526	53X2839	GARLK	415138 <sup>28</sup>
53X2541	GARLK	417356 <sup>28</sup>	53X2648	GARLK	417515 <sup>29</sup>	53X2750	GARLK	415351 <sup>28</sup>	53X2840	GARLK	417538 <sup>29</sup>
53X2541	GARLK	455188	53X2654	GARLK	417516	53X2751	GARLK	415351 <sup>28</sup>	53X2842	GARLK	417538
53X2542	GARLK	417356 <sup>28</sup>	53X2655	GARLK	417516	53X2752	GARLK	415351 <sup>28</sup>	53X2843	GARLK	417247 <sup>28</sup>
53X2542	GARLK	455188	53X2656	GARLK	417516 <sup>29</sup>	53X2753	GARLK	416888 <sup>28</sup>	53X2844	GARLK	417247 <sup>28,29</sup>
53X2543	GARLK	417357	53X2657	GARLK	455195	53X2754	GARLK	416888 <sup>28</sup>	53X2845	GARLK	417247 <sup>28</sup>
53X2543	GARLK	455192 <sup>28</sup>	53X2657	GARLK	472157 <sup>28</sup>	53X2754	GARLK	455200	53X2846	GARLK	417252 <sup>29</sup>
53X2544	GARLK	417357	53X2658	GARLK	455195	53X2755	GARLK	416888 <sup>28</sup>	53X2847	GARLK	417252 <sup>29</sup>
53X2544	GARLK	455192 <sup>28</sup>	53X2658	GARLK	472157 <sup>28</sup>	53X2755	GARLK	455200	53X2848	GARLK	417252
53X2545	GARLK	417357	53X2659	GARLK	416556 <sup>28</sup>	53X2756	GARLK	416153 <sup>28</sup>	53X2849	GARLK	415066 <sup>29</sup>
53X2546	GARLK	416130 <sup>28</sup>	53X2659	GARLK	472157	53X2757	GARLK	416153 <sup>28</sup>	53X2850	GARLK	415066
53X2547	GARLK	416130 <sup>28,29</sup>	53X2660	GARLK	415196 <sup>28</sup>	53X2758	GARLK	416153 <sup>28</sup>	53X2851	GARLK	415066 <sup>29</sup>
53X2548	GARLK	416130 <sup>28,29</sup>	53X2661	GARLK	415196 <sup>28,29</sup>	53X2759	GARLK	416892 <sup>28</sup>	53X2858	GARLK	416163 <sup>29</sup>
53X2549	GARLK	415036 <sup>29</sup>	53X2662	GARLK	415196 <sup>28,29</sup>	53X2760	GARLK	416892 <sup>28</sup>	53X2859	GARLK	416163 <sup>29</sup>
53X2550	GARLK	415036	53X2663	GARLK	416891 <sup>28</sup>	53X2761	GARLK	416892 <sup>28</sup>	53X2860	GARLK	416163
53X2551	GARLK	415036 <sup>29</sup>	53X2664	GARLK	416891 <sup>28</sup>	53X2762	GARLK	417531	53X2864	GARLK	456890
53X2552	GARLK	417507 <sup>28</sup>	53X2665	GARLK	416891 <sup>28,29</sup>	53X2765	GARLK	416154 <sup>28,29</sup>	53X2865	GARLK	456890
53X2552	GARLK	455513	53X2666	GARLK	416135 <sup>28</sup>	53X2766	GARLK	416154 <sup>28,29</sup>	53X2866	GARLK	456890
53X2553	GARLK	417507 <sup>28</sup>	53X2669	GARLK	415045 <sup>28</sup>	53X2767	GARLK	416154 <sup>28</sup>	53X2873	GARLK	416167 <sup>28</sup>
53X2553	GARLK	455513	53X2670	GARLK	415045 <sup>28</sup>	53X2768	GARLK	416070	53X2873	GARLK	455091
53X2554	GARLK	417507 <sup>28</sup>	53X2671	GARLK	415045 <sup>28</sup>	53X2769	GARLK	416070	53X2874	GARLK	416167 <sup>28</sup>
53X2554	GARLK	455513	53X2675	GARLK	416137 <sup>29</sup>	53X2770	GARLK	416070 <sup>29</sup>	53X2874	GARLK	455091
53X2555	GARLK	415041 <sup>29</sup>	53X2676	GARLK	416137 <sup>29</sup>	53X2771	GARLK	415351 <sup>28</sup>	53X2875	GARLK	416167 <sup>28</sup>
53X2556	GARLK	415041	53X2677	GARLK	416137	53X2772	GARLK	415351 <sup>28</sup>	53X2875	GARLK	455091
53X2557	GARLK	415041 <sup>29</sup>	53X2678	GARLK	417518 <sup>29</sup>	53X2773	GARLK	415351 <sup>28</sup>	53X2876	GARLK	417267 <sup>29</sup>
53X2561	GARLK	417509 <sup>29</sup>	53X2679	GARLK	417518 <sup>29</sup>	53X2774	GARLK	417532 <sup>29</sup>	53X2877	GARLK	417267 <sup>29</sup>
53X2562	GARLK	417509 <sup>29</sup>	53X2680	GARLK	417518	53X2775	GARLK	417532 <sup>29</sup>	53X2878	GARLK	417267
53X2563	GARLK	417509	53X2681	GARLK	415058 <sup>29</sup>	53X2776	GARLK	417532	53X2879	GARLK	417269 <sup>28</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
53X2880	GARLK	417269 <sup>28</sup>	53X3071	GARLK	417549 <sup>28,29</sup>	53X3348	GARLK	417780	53X3536	GARLK	455117 <sup>29</sup>
53X2881	GARLK	417269 <sup>28</sup>	53X3095	GARLK	417550	53X3349	GARLK	417780 <sup>29</sup>	53X3537	GARLK	455117
53X2894	GARLK	417539 <sup>28,29</sup>	53X3096	GARLK	417550 <sup>29</sup>	53X3355	GARLK	415683	53X3538	GARLK	415317 <sup>29</sup>
53X2900	GARLK	417273 <sup>29</sup>	53X3097	GARLK	417550	53X3356	GARLK	415683 <sup>29</sup>	53X3539	GARLK	415317
53X2901	GARLK	417273	53X3122	GARLK	417551	53X3357	GARLK	415683 <sup>29</sup>	53X3544	GARLK	415867 <sup>29</sup>
53X2902	GARLK	417273 <sup>29</sup>	53X3123	GARLK	417551 <sup>29</sup>	53X3358	GARLK	417365	53X3545	GARLK	415867
53X2903	GARLK	417540 <sup>29</sup>	53X3124	GARLK	417551	53X3359	GARLK	417365	53X3552	GARLK	415551 <sup>29</sup>
53X2904	GARLK	417540 <sup>29</sup>	53X3125	GARLK	455576 <sup>28</sup>	53X3360	GARLK	417365	53X3553	GARLK	415551
53X2905	GARLK	417540	53X3126	GARLK	455576 <sup>28,29</sup>	53X3367	GARLK	415072 <sup>29</sup>	53X3557	GARLK	415116
53X2915	GARLK	415725 <sup>28</sup>	53X3127	GARLK	455576 <sup>28</sup>	53X3368	GARLK	415072	53X3558	GARLK	416102
53X2916	GARLK	415725 <sup>28</sup>	53X3128	GARLK	415938 <sup>29</sup>	53X3369	GARLK	415072 <sup>29</sup>	53X3566	GARLK	417598 <sup>29</sup>
53X2917	GARLK	415725 <sup>28</sup>	53X3129	GARLK	415938 <sup>29</sup>	53X3370	GARLK	415072 <sup>29</sup>	53X3567	GARLK	417598
53X2918	GARLK	417584 <sup>29</sup>	53X3130	GARLK	415938	53X3375	GARLK	455330 <sup>28</sup>	53X3578	GARLK	455406 <sup>28,29</sup>
53X2921	GARLK	416865 <sup>28</sup>	53X3131	GARLK	417554 <sup>28,29</sup>	53X3376	GARLK	455330 <sup>28</sup>	53X3579	GARLK	455406 <sup>28</sup>
53X2922	GARLK	416865 <sup>28</sup>	53X3132	GARLK	417554 <sup>28,29</sup>	53X3377	GARLK	455330 <sup>28</sup>	53X3588	GARLK	455121 <sup>29</sup>
53X2922	GARLK	455070	53X3133	GARLK	417554 <sup>28</sup>	53X3384	GARLK	415074 <sup>29</sup>	53X3589	GARLK	455121
53X2923	GARLK	416865 <sup>28</sup>	53X3155	GARLK	55357 <sup>29</sup>	53X3385	GARLK	415074	53X3592	GARLK	415656 <sup>29</sup>
53X2924	GARLK	417278	53X3156	GARLK	55357 <sup>29</sup>	53X3386	GARLK	415074 <sup>29</sup>	53X3593	GARLK	415656
53X2926	GARLK	417278	53X3157	GARLK	55357	53X3387	GARLK	415074 <sup>29</sup>	53X3596	GARLK	417600 <sup>29</sup>
53X2927	GARLK	417541	53X3176	GARLK	417254 <sup>29</sup>	53X3394	GARLK	455480 <sup>28</sup>	53X3597	GARLK	417600
53X2928	GARLK	417541 <sup>29</sup>	53X3177	GARLK	417254 <sup>29</sup>	53X3395	GARLK	455480 <sup>28</sup>	53X3600	GARLK	417601 <sup>29</sup>
53X2929	GARLK	417541	53X3178	GARLK	417254	53X3396	GARLK	455480 <sup>28</sup>	53X3601	GARLK	417601
53X2933	GARLK	417542 <sup>29</sup>	53X3179	GARLK	417360	53X3397	GARLK	455480 <sup>28</sup>	53X3602	GARLK	417602 <sup>28</sup>
53X2934	GARLK	417542 <sup>29</sup>	53X3180	GARLK	417360	53X3402	GARLK	417562 <sup>29</sup>	53X3607	GARLK	415124 <sup>29</sup>
53X2935	GARLK	417542	53X3181	GARLK	417360	53X3403	GARLK	417562 <sup>29</sup>	53X3609	GARLK	417022 <sup>29</sup>
53X2936	GARLK	417543 <sup>29</sup>	53X3182	GARLK	416107 <sup>28</sup>	53X3404	GARLK	417562 <sup>29</sup>	53X3610	GARLK	417604 <sup>29</sup>
53X2937	GARLK	417543 <sup>29</sup>	53X3183	GARLK	416107 <sup>28</sup>	53X3405	GARLK	417562 <sup>29</sup>	53X3611	GARLK	417567 <sup>29</sup>
53X2938	GARLK	417543	53X3183	GARLK	455073	53X3421	GARLK	417563 <sup>29</sup>	53X3613	GARLK	415128 <sup>29</sup>
53X2941	GARLK	417544	53X3184	GARLK	416107 <sup>28</sup>	53X3422	GARLK	417563 <sup>29</sup>	53X3614	GARLK	455129 <sup>29</sup>
53X2951	GARLK	417545 <sup>29</sup>	53X3184	GARLK	455073	53X3423	GARLK	417563 <sup>29</sup>	53X3615	GARLK	55301S
53X2960	GARLK	455290 <sup>29</sup>	53X3185	GARLK	417361	53X3424	GARLK	417563	53X3617	GARLK	455476
53X2961	GARLK	455290 <sup>29</sup>	53X3190	GARLK	415610	53X3426	GARLK	415294 <sup>28</sup>	53X3618	GARLK	456462
53X2962	GARLK	455290	53X3200	GARLK	456192	53X3426	GARLK	455294	53X3619	GARLK	455462
53X2990	GARLK	416557	53X3228	GARLK	417555 <sup>28,29</sup>	53X3427	GARLK	415294 <sup>28</sup>	53X3623	GARLK	415090
53X2992	GARLK	416557	53X3229	GARLK	417555 <sup>28,29</sup>	53X3427	GARLK	455294	53X3624	GARLK	415090 <sup>29</sup>
53X2993	GARLK	417258 <sup>29</sup>	53X3230	GARLK	417555 <sup>28</sup>	53X3434	GARLK	416229 <sup>29</sup>	53X3633	GARLK	415219 <sup>29</sup>
53X2996	GARLK	417546 <sup>28,29</sup>	53X3234	GARLK	417556 <sup>29</sup>	53X3435	GARLK	416229	53X3634	GARLK	415871
53X2997	GARLK	417546 <sup>28,29</sup>	53X3235	GARLK	416288 <sup>28,29</sup>	53X3444	GARLK	417298 <sup>29</sup>	53X3646	GARLK	417606 <sup>29</sup>
53X2998	GARLK	417546 <sup>28</sup>	53X3236	GARLK	417556	53X3445	GARLK	417298	53X3648	GARLK	417606
53X2999	GARLK	417547 <sup>29</sup>	53X3240	GARLK	417040	53X3460	GARLK	415327 <sup>29</sup>	53X3654	GARLK	55078S
53X3000	GARLK	417547 <sup>29</sup>	53X3275	GARLK	417362 <sup>28,29</sup>	53X3461	GARLK	415327	53X3660	GARLK	417605
53X3001	GARLK	417547	53X3276	GARLK	417362 <sup>28,29</sup>	53X3464	GARLK	417596	53X3673	GARLK	417020
53X3030	GARLK	417548	53X3277	GARLK	417362 <sup>28</sup>	53X3465	GARLK	417596	53X3676	GARLK	417570 <sup>29</sup>
53X3032	GARLK	417548 <sup>29</sup>	53X3278	GARLK	417363	53X3474	GARLK	455948	53X3677	GARLK	417570
53X3033	GARLK	417548 <sup>29</sup>	53X3281	GARLK	416666 <sup>29</sup>	53X3482	GARLK	455584	53X3680	GARLK	415227 <sup>28</sup>
53X3034	GARLK	417548	53X3282	GARLK	416666 <sup>29</sup>	53X3483	GARLK	455584	53X3694	GARLK	415482
53X3059	GARLK	417262 <sup>28</sup>	53X3283	GARLK	416666	53X3492	GARLK	416364 <sup>28</sup>	53X3705	GARLK	415076 <sup>29</sup>
53X3060	GARLK	417262 <sup>28</sup>	53X3284	GARLK	417364	53X3493	GARLK	416364 <sup>28</sup>	53X3737	GARLK	55103S
53X3060	GARLK	455448	53X3293	GARLK	416039	53X3496	GARLK	417597 <sup>29</sup>	53X3775	GARLK	455330 <sup>28</sup>
53X3061	GARLK	417262 <sup>28</sup>	53X3296	GARLK	416039	53X3497	GARLK	417597	53X3924	GARLK	417602 <sup>28</sup>
53X3061	GARLK	455448	53X3322	GARLK	416476 <sup>28</sup>	53X3500	GARLK	416239 <sup>28</sup>	53X3925	GARLK	417602 <sup>28</sup>
53X3062	GARLK	417358	53X3322	GARLK	455075	53X3501	GARLK	416239 <sup>28</sup>	53X3932	GARLK	455123 <sup>29</sup>
53X3065	GARLK	415645 <sup>28</sup>	53X3323	GARLK	416476 <sup>28</sup>	53X3504	GARLK	417564 <sup>29</sup>	53X3937	GARLK	417603 <sup>28</sup>
53X3065	GARLK	455104	53X3323	GARLK	455075	53X3505	GARLK	417564	53X3945	GARLK	417567
53X3066	GARLK	415645 <sup>28</sup>	53X3324	GARLK	416476 <sup>28</sup>	53X3514	GARLK	416077 <sup>29</sup>	53X3949	GARLK	455966
53X3066	GARLK	455104	53X3324	GARLK	455075	53X3515	GARLK	416077	53X3951	GARLK	415128
53X3067	GARLK	415645 <sup>28</sup>	53X3331	GARLK	455297 <sup>29</sup>	53X3518	GARLK	416044	53X3954	GARLK	455462
53X3067	GARLK	455104	53X3332	GARLK	455297	53X3519	GARLK	416044	53X3965	GARLK	416257
53X3068	GARLK	417359	53X3333	GARLK	455297 <sup>29</sup>	53X3526	GARLK	415116 <sup>29</sup>	53X3967	GARLK	415219
53X3070	GARLK	417359	53X3347	GARLK	417780 <sup>29</sup>	53X3527	GARLK	415116	53X3975	GARLK	415871

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
53X3984	GARLK	417606	53X7289F1	GARLK	417191	54046	IPS	1953	54127	SPICE	710919
53X3996	GARLK	417020 <sup>29</sup>	53X7402F1	GARLK	415088	54046	IPS	42X60X7 <sup>28</sup>	5-4128	IPS	473238 <sup>28</sup>
53X3998	GARLK	417020 <sup>29</sup>	53X7433F1	GARLK	415072	5-4047	IPS	494117	5-4129	IPS	473238 <sup>28</sup>
53X4016	GARLK	415227 <sup>28,29</sup>	53X7433R1	GARLK	415072	54050600	AJUSA	710237	5413	C-R	14X25X5 <sup>28</sup>
53X4057	GARLK	415077 <sup>29</sup>	53X7436F1	GARLK	415327	54053	IPS	473823	5413	C-R	710116
53X4058	GARLK	415077	53X7448F1	GARLK	415036	54055	GARLK	417357	5413	SKF	14X25X5
53X4059	GARLK	415077 <sup>29</sup>	53X7670F1	GARLK	415304	5-4056	IPS	494117	5413	SKF	710116
53X4062	GARLK	415076	53X7670F1	GARLK	476470 <sup>28</sup>	5406	BORGW	323138 <sup>28</sup>	54131	IPS	239146
53X4184	GARLK	55103S	53X7673F1	GARLK	417020	5406	NATL	6481S	54131	IPS	38X54X7 <sup>28</sup>
53X4502	GARLK	417603 <sup>28</sup>	53X7686F1	GARLK	415041	54060	IPS	224045	54134	IPS	1213N
53X4503	GARLK	417940 <sup>28</sup>	53X7880F1	GARLK	416556 <sup>28</sup>	540603	SPERY	471231 <sup>28</sup>	5414	TIMKE	5414
53X4503	GARLK	55301S <sup>29</sup>	53X7880F1	GARLK	472157	5-4064	IPS	473234 <sup>28</sup>	54140	TROS	6781
53X4505	GARLK	455476 <sup>29</sup>	53X7909F1	GARLK	417606	540708	C-R	370132A	541478	C-R	1999
53X4506	GARLK	456462	53X7953	GARLK	415577 <sup>29</sup>	540708	SKF	370132A	541478	SKF	1999
53X4507	GARLK	455462 <sup>29</sup>	53X8149F1	GARLK	415294 <sup>28</sup>	540710	C-R	370048A	541485M1	MASSE	353132
53X4517	GARLK	55078S <sup>29</sup>	53X8216F1	GARLK	415327	540710	C-R	370182A	541486M1	MASSE	340817
53X4587	GARLK	416394	53X8306F1	GARLK	416107 <sup>28</sup>	540710	C-R	380048A	541487M1	MASSE	350954
53X4929R1	GARLK	417606	53X8311F1	GARLK	415437	540710	SKF	370048A	541487M1	MASSE	470954 <sup>28</sup>
53X4966F1	GARLK	417247 <sup>28</sup>	53X8319F1	GARLK	416321	540710	SKF	370182A	5414B	JN-MN	410190
53X4991R1	GARLK	415294 <sup>28</sup>	53X8531F1	GARLK	416670	540710	SKF	380048A	5414LUP	JN-MN	410190
53X5049R1	GARLK	415034 <sup>28</sup>	53X8663R1	GARLK	417541	5408	TIMKE	5408	5415	C-R	14X26X7
53X5201F1	GARLK	417211 <sup>28</sup>	53X8683F1	GARLK	417511	540856	CONTI	415137 <sup>28</sup>	5415	SKF	14X26X7
53X5280F1	GARLK	415036	53X8932R1	GARLK	415725 <sup>28</sup>	540856	CONTI	418028	54154100010	STERL	712551
53X5319F1	GARLK	417492	53X8996F1	GARLK	416154 <sup>28</sup>	54089	TROS	417487	541606	C-R	415449V
53X5332F1	GARLK	416321	53X9209F1	GARLK	412473 <sup>28</sup>	54089	TROS	455086	541606	SKF	415449V
53X5492F1	GARLK	415041	53X9209F1	GARLK	415894	54091	IPS	225005	5416B	JN-MN	473235 <sup>28</sup>
53X5512F1	GARLK	415304	53X9347F1	GARLK	416158	54091	IPS	50X62X7 <sup>28</sup>	541845M1	MASSE	340413
53X5512F1	GARLK	476470 <sup>28</sup>	53X9401R1	GARLK	417355 <sup>28</sup>	5-4093	IPS	224015	5419	TIMKE	5419
53X5646F1	GARLK	416125 <sup>28</sup>	53X9664R1	GARLK	417596	54094	IPS	1012N	541934	ALLCH	480630 <sup>28</sup>
53X5683F1	GARLK	417603 <sup>28</sup>	53X9724	GARLK	417487	54096	IPS	1180	542	GARLK	471801 <sup>28</sup>
53X5831F1	GARLK	416888 <sup>28</sup>	53X9724	GARLK	455086	54096	IPS	41X55X7 <sup>28</sup>	5420	C-R	14X27X7 <sup>29</sup>
53X5923F1	GARLK	415610	53X9780	GARLK	415294 <sup>28</sup>	54097	IPS	1955	5420	SKF	14X27X7
53X5949R1	GARLK	415090	53X9780	GARLK	455294	54097	IPS	52X65X9 <sup>28</sup>	542.030	ELRNG	711001
53X6089R1	GARLK	416077	54	UNIVE	470027	540977	BENDI	471570 <sup>28</sup>	542126R91	IH	471801 <sup>28</sup>
53X6146R1	GARLK	415074	54	UNIVE	471554 <sup>28</sup>	54098	IPS	223605	542127R91	IH	471733
53X6433	GARLK	416364 <sup>28</sup>	5-4004	IPS	1962	54098	IPS	36X50X7 <sup>28</sup>	542134R91	IH	471760
53X6433F1	GARLK	416364 <sup>28</sup>	5-4009	IPS	472164 <sup>28</sup>	5-4099	IPS	1960	54215D	IH	472179
53X6434R1	GARLK	417357	5401	TIMKE	5401	541	GARLK	471192	54220S	TROS	5487
53X6435	GARLK	415962	540115	BENDI	471466 <sup>28</sup>	5410	C-R	221410	542390	C-R	477163N
53X6437F1	GARLK	416239 <sup>28</sup>	5-4014	IPS	473812	5410	HART	480210 <sup>28</sup>	542390	SKF	477163N
53X6484F1	GARLK	415304	5-4015	IPS	473179 <sup>28</sup>	5410	LAU	480210 <sup>28</sup>	5423B	JN-MN	415047
53X6484F1	GARLK	476470 <sup>28</sup>	540166	SPERY	203020	5410	SKF	221410	5424	TIMKE	5424
53X6590F1	GARLK	416047	54017	IPS	1955	5-4100	IPS	1956	54255	GARLK	416556 <sup>28</sup>
53X6590F1	GARLK	416332 <sup>28</sup>	54017	IPS	52X65X9 <sup>28</sup>	5-4101	IPS	1959	54255	GARLK	472157
53X6603F1	GARLK	415725 <sup>28</sup>	54021	TROS	455018	5410SH	JN-MN	41264S	542591	ALLCH	411394 <sup>28</sup>
53X6661F1	GARLK	417600	54021	TROS	476470	5410SS	JN-MN	471264 <sup>28</sup>	542591	ALLCH	450317
53X6711R1	GARLK	415725 <sup>28</sup>	54023	IPS	41X56X7 <sup>28</sup>	5411	LAU	471255 <sup>28</sup>	54260	TROS	224045
53X6760F1	GARLK	417603 <sup>28</sup>	54026	IPS	224045	54115147	AUDI	1108	54261	TROS	470898
53X6872R1	GARLK	417362 <sup>28</sup>	5403	TIMKE	5403	54115147	SEAT	1108	54274	DANA	710454
53X6891F1	GARLK	416239 <sup>28</sup>	54031	IPS	224270	54115147	SKODA	1108	54274	SPICE	710454
53X68X10	SIMRT	53X68X10	54031	IPS	42X72X10 <sup>28</sup>	54115147	VW	1108	54275	GARLK	415196 <sup>28</sup>
53X68X10SC	TRSCM	53X68X10	28			54117	IPS	1208	542895	C-R	370023A
53X68X10TC	TRSCM	53X68X10	5-4032	IPS	1167	54117	IPS	48X72X7 <sup>28</sup>	542895	C-R	380023A
53X6920F1	GARLK	415294 <sup>28</sup>	54035	GARLK	417356 <sup>28</sup>	54119	IPS	1012N	542895	SKF	370023A
53X6978F1	GARLK	416380 <sup>28</sup>	5-4036	IPS	223014	5412	HART	470027	542895	SKF	380023A
53X7115F1	GARLK	415991 <sup>28</sup>	54040008	TROS	417507	5412	HART	471554 <sup>28</sup>	54297	GW	471570 <sup>28</sup>
53X7115F1	GARLK	415991N	5-4041	IPS	473823	5-4122	IPS	1962	5431	FULLE	412871 <sup>28</sup>
53X7151F1	GARLK	415645 <sup>28</sup>	54042	IPS	1994	54125A	GW	471763	5431	FULLE	450329
53X7155F1	GARLK	415072	54042	IPS	48X70X9 <sup>28</sup>	54126A	GW	471760	54317C	DIA	474276 <sup>28</sup>
53X7233F1	GARLK	415551	5-4044	IPS	3395 <sup>28</sup>	54127	DANA	710919	543188	C-R	483793

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
543188	SKF	483793	544694	WHITE	370003A	546D	CALI	416666	548913	CHRYS	415988
5432	FULLE	473473	544694	WHITE	380003A	546ED	CALI	455330 <sup>28</sup>	5489B	JN-MN	417357
5433	TIMKE	5433	544694D6	DIA	370003A	547	HART	450040	5489B	JN-MN	455192 <sup>28</sup>
54330	C-R		544695	VIC	370030A	547	LAU	450040	5489LPD	JN-MN	417357
138X152X12 <sup>28</sup>			544695	VOLVO	370030A	5470	C-R	14X32X7	5489LPD	JN-MN	455192 <sup>28</sup>
54330	C-R	710421	544695	WHITE	370030A	5470	LAU	470219	5489LUP	JN-MN	417357
54330	SKF	138X152X12	54475	GARLK	416153 <sup>28</sup>	5470	LAU	471649 <sup>28</sup>	5489LUP	JN-MN	455192 <sup>28</sup>
54330	SKF	710421	544782R91	IH	46997S	5470	SKF	14X32X7	548ED	CALI	415295
5435	HART	471570 <sup>28</sup>	54498	GARLK	416892 <sup>28</sup>	547210XX	TIMKE	54X72X10	549	HART	451583 <sup>28</sup>
5435	LAU	471570 <sup>28</sup>	54501S	TROS	9613S	547253	GMC	9845	549	LAU	451583 <sup>28</sup>
5435B	JN-MN	417273	5452	C-R	14X30X7	5472B	JN-MN	474255	5490B	JN-MN	455197N
5436	HART	470120	5452	LAU	471466 <sup>28</sup>	5473SS	JN-MN	471442 <sup>28</sup>	5491B	JN-MN	417507 <sup>28</sup>
5436	HART	471224 <sup>28</sup>	5452	SKF	14X30X7	5475	C-R	370023A	5491B	JN-MN	455513
5436	LAU	470120	54520	SPICE	710494	5475	C-R	380023A	54923	C-R	476842
5436	LAU	471224 <sup>28</sup>	545290	GIB	415035 <sup>28</sup>	5475	NATL	370024A	54923	SKF	476842
5438	LAU	470219	545290	GIB	455035	5475	NATL	5667	54928	CHRYS	5M81
5438	LAU	471649 <sup>28</sup>	545298	WHITE	470064	5475	SKF	370023A	54929	C-R	6872S
54381	DANA	710863	545298	WHITE	471821 <sup>28</sup>	5475	SKF	380023A	54929	SKF	6872S
54381	SPICE	710863	545327	BOWEN	417191	5475	WMG	370024A	54931	C-R	417254 <sup>29</sup>
5438B	JN-MN	417211 <sup>28</sup>	545333	KEN	472029	54760	TROS	224040	54931	SKF	417254
5439	C-R	14X30X7	54533HA	IH	415437	54760	TROS	40X60X10	54934	C-R	417254 <sup>29</sup>
5439	SKF	14X30X7	54534HA	IH	415437	28			54934	SKF	417254
5439LA	JN-MN	413478 <sup>29</sup>	5453528	GMC	471442 <sup>28</sup>	547915C91	IH	370065A	54949	C-R	417360
5439LUP	JN-MN	413478	545364	ALLCH	415281N	547915C91	IH	376590A	54949	SKF	417360
54417	DANA	710920	545376	CONDC	415551	547915C91	IH	380065A	54959	C-R	416107 <sup>28,29</sup>
54417	SPICE	710920	54539	MC-CL	473230 <sup>28</sup>	547915C91	NAVST	370065A	54959	SKF	416107
5441B	JN-MN	470347	5454	LAU	470328	547915C91	NAVST	376590A	54960	C-R	416107 <sup>28,29</sup>
5441B	JN-MN	474254	5454	LAU	481213 <sup>28</sup>	547915C91	NAVST	380065A	54960	SKF	416107
5442	LAU	470954 <sup>28</sup>	545458	WHITE	473473	5481	C-R	14X35X7	54971	C-R	416107 <sup>29</sup>
5442B	JN-MN	471684 <sup>28</sup>	5455	LAU	470606 <sup>28</sup>	5481	SKF	14X35X7	54971	SKF	416107
5442B	JN-MN	471698	5458	TIMKE	5458	548210XX	TIMKE	54X82X10	549712R1	IH	470954 <sup>28</sup>
54435612	TROS	370023A	5459	LAU	471442 <sup>28</sup>	548212	ALLCH	473226	549712R1	IH	480954
54435612	TROS	380023A	5459B	JN-MN	415072 <sup>29</sup>	548342	ALLCH	450519	54971R	CASE	470954 <sup>28</sup>
544386R91	IH	473517 <sup>28</sup>	5460	TIMKE	5460	548342	ALLCH	471271 <sup>28</sup>	54971R	CASE	480954
5444	HART	471255 <sup>28</sup>	5460B	JN-MN	417562	548347C91	IH	370003A	54971R1	CASE	470954 <sup>28</sup>
544452	GMC	332062	5461B	JN-MN	417596	548347C91	IH	380003A	54971R1	CASE	480954
5444B	JN-MN	471730	5462	LAU	7014S	548349	ALLCH	473474	54972	C-R	416107 <sup>28,29</sup>
5445	LAU	471267 <sup>28</sup>	54625	GARLK	415138 <sup>28</sup>	5483B	JN-MN	415960	54972	SKF	416107
544544	WHITE	370036A	5463	LAU	450431	5483B	JN-MN	455009	549818	US-EL	352541
544544	WHITE	370349A	5463	LAU	471539 <sup>28</sup>	5484	CHAMP	470954 <sup>28</sup>	54X65X8SC	TRSCM	54X65X8
544544	WHITE	380036A	54645	GARLK	417247 <sup>28</sup>	5484	CHAMP	480954	54X65X8TC	TRSCM	54X65X8
54455	GARLK	416888 <sup>28</sup>	546494D6	DIA	370003A	54840009	TROS	415041	54X72X10	TIMKE	54X72X10
544570	VIC	370019A	5464R	JN-MN	416956	54840014	TROS	370036A	54X72X10SC	TRSCM	54X72X10
544570	VOLVO	370019A	5465	LAU	470120	54840014	TROS	370349A	28		
544570	WHITE	370019A	5465	LAU	471224 <sup>28</sup>	54840014	TROS	380036A	54X72X10TC	TRSCM	54X72X10
544630	VIC	370023A	546508XX	TIMKE	54X65X8	54840809	TROS	415043	28		
544630	VIC	380023A	5465R	JN-MN	450094	54841	SKF	710946	54X82X10	NATL	225450
544630	WHITE	370023A	5465R	JN-MN	473462	54843209	TROS	370022A	54X82X10	TIMKE	54X82X10
544630	WHITE	380023A	5466	LAU	340771	54843209	TROS	380022A	54X82X10SC	TRSCM	54X82X10
544631	SPICE	450316	546667	GMC	416239 <sup>28</sup>	54844009	TROS	415371	54X82X10TC	TRSCM	54X82X10
544631	SPICE	472636 <sup>28</sup>	5466B	JN-MN	450095	54844409	TROS	415284	55	UNIVE	450030
544632	SPICE	450082	5466B	JN-MN	473464 <sup>28</sup>	54844412C	TROS	6329S	55	UNIVE	474253 <sup>28</sup>
544632	SPICE	473238	5466LPD	JN-MN	450095	54844809	TROS	415138 <sup>28</sup>	550074	C-R	472311
544692	WHITE	370036A	5466LPD	JN-MN	473464 <sup>28</sup>	5484B	JN-MN	415023	550074	SKF	472311
544692	WHITE	370349A	5467	LAU	481644	5485B	JN-MN	416891 <sup>28</sup>	550085	C-R	451948
544692	WHITE	380036A	5467R	JN-MN	450301	54861	TROS	471224 <sup>28</sup>	550085	SKF	451948
544693	VIC	370021A	5467R	JN-MN	472397 <sup>28</sup>	5486B	JN-MN	415072	550088	CLARK	450389
544693	WHITE	370021A	5468	LAU	441130	5487	TIMKE	5487	550088	CLARK	472492 <sup>28</sup>
544694	VIC	370003A	5468B	JN-MN	416891 <sup>28,29</sup>	5487B	JN-MN	416239 <sup>28</sup>	5500R	JN-MN	473458
544694	VIC	380003A	5469B	JN-MN	415219 <sup>29</sup>	5488B	JN-MN	417556	5501	ALOY	2146

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
550154	C-R	1012N	550914R91	IH	470120	552102R91	IH	470027	55365	NATL	327303 <sup>28</sup>
550154	C-R	471831 <sup>28</sup>	550914R91	IH	471224 <sup>28</sup>	552102R91	IH	471554 <sup>28</sup>	5536LA	JN-MN	450185
550154	SKF	1012N	55093	ONAN	416888 <sup>28</sup>	55214-31200	HYUND	2146	5536LA	JN-MN	473229
550154	SKF	471831	55093	ONAN	455200	55215S	TROS	5458	5536LUP	JN-MN	450185
550185	C-R	473455	55094	AM WH	417488 <sup>28</sup>	5522	C-R	314259 <sup>28</sup>	5536LUP	JN-MN	473229
550185	SKF	473455	550H2	WHITE	471466 <sup>28</sup>	5522	SKF	314259	5537	TIMKE	5537
550199	C-R	224045	550W662	CONE	5146	55224	BOSTN	471538 <sup>28</sup>	553778	VIC	370048A
550199	SKF	224045	5510	C-R	313156	55225	BOSTN	471612	553778	VIC	370182A
5502	SABO	710848	5510	SKF	313156	55226	BOSTN	473380	553778	VIC	380048A
550217	C-R	1174	55102S	TROS	415302	55230	TROS	473228	553778	WHITE	370048A
550217	SKF	1174	55103S	TIMKE	55103S	55230	TROS	51098	553778	WHITE	370182A
550224	C-R	1167	55108	NATL	457874	552330	WHITE	471870 <sup>28</sup>	553778	WHITE	380048A
550224	SKF	1167	55108	WMG	457874	552330	WHITE	471883	5538	TIMKE	5538
550228	C-R	1183	5511068	AM HO	5965	55236	NATL	415577	55382R91	IH	450043
550228	SKF	1183	551123	GMC	472082	55238	TIMKE	55238	55382R91	IH	473419
550230	C-R	224045	55115	C-R	140X160X12	55246	NATL	416919N	5539B	JN-MN	450444
550230	SKF	224045	55115	SKF	140X160X12	55249	NATL	455249 <sup>28</sup>	5539B	JN-MN	471835 <sup>28</sup>
550231	C-R	223542	55118	C-R		55252	HYST	471466 <sup>28</sup>	55400	GARLK	415645 <sup>28</sup>
550231	SKF	223542	140X170X12 <sup>28</sup>			552571	GMC	8610	5541	C-R	472705 <sup>28</sup>
550232	C-R	41X56X7 <sup>28</sup>	55118	C-R	710406	552572	GMC	8610	5541	SKF	472705
550232	SKF	41X56X7	55118	SKF	140X170X12	552573	GMC	8610	55419	TIMKE	55419
550234	C-R	1177	55118	SKF	710406	5526	TIMKE	5526	5542LPD	JN-MN	455655 <sup>28,29</sup>
550234	SKF	1177	55119	C-R	710406	5527	TIMKE	5527	5543	C-R	472705 <sup>28</sup>
550237	C-R	224205	55119	SKF	710406	552727	C-R	35X52X7	5543	SKF	472705
550237	C-R	42X55X8 <sup>28</sup>	5511LA	JN-MN	450803	552727	SKF	35X52X7	554361	FRUEH	370020A
550237	SKF	224205	5512	TIMKE	5512	5527S	TIMKE	5527	55436AM	IH	450066
550237	SKF	42X55X8	55120	C-R		5528LA	JN-MN	410520	55436AM	IH	473367 <sup>28</sup>
550244	C-R	43X65X8 <sup>28</sup>	140X170X15 <sup>28</sup>			5528LA	JN-MN	471272 <sup>28</sup>	55442	NATL	415442 <sup>28</sup>
550244	C-R	470460	55120	C-R	710406	55293	NATL	417584	55447	NATL	415447
550244	SKF	43X65X8	55120	SKF	140X170X15	55301S	TIMKE	55301S	55450	GARLK	417359
550244	SKF	470460	55120	SKF	710406	5531	TIMKE	5531	554631	GMC	8660S
550247	C-R	1217	55121	C-R	710406	5531	TMTR	450446	5546315	SPICE	350823
550247	SKF	1217	55121	SKF	710406	55310	GARLK	417278	5546315	SPICE	473454
550270	C-R	1174	55130	GARLK	417278	553104	C-R	221607	554633	SPICE	470059
550270	C-R	710309 <sup>29</sup>	55131	TROS	6815	553104	SKF	221607	554633	SPICE	470380 <sup>28</sup>
550270	SKF	1174	55131AX	OSHKO	415137 <sup>28</sup>	55317	NATL	415317	554634	SPICE	471763
550270	SKF	710309	55131AX	OSHKO	418028	55317	WMG	415317	554635	SPICE	350823
55028	TIMKE	55028	55136	NATL	455136	5532	ALOY	8610	554635	SPICE	473454
55030	GARLK	415725 <sup>28</sup>	551377	ADAMS	411245 <sup>28</sup>	5532	TIMKE	5532	554636	SPICE	470358
55030	TIMKE	55030	551377	ADAMS	455096	5532	TMTR	412473 <sup>28</sup>	554636	SPICE	473231
55032	NATL	455032 <sup>28</sup>	55157	C-R	417361	5532	TMTR	415894	554637	SPICE	472041
550416	GR-DV	416888 <sup>28</sup>	55157	SKF	417361	5532LA	JN-MN	417211 <sup>28</sup>	554637	SPICE	473454
550416	GR-DV	455200	55172	C-R	370043A	5533	ALOY	8660S	55469	TIMKE	55469
550416	MINMA	416888 <sup>28</sup>	55172	C-R	370120A	55336	BOSTN	471686	55471	C-R	416191
550416	MINMA	455200	55172	SKF	370043A	55337	TIMKE	55337	55471	SKF	416191
550450	CLARK	45827S	55172	SKF	370120A	5533LA	JN-MN	416229	55474	SPICE	710685
55048	FAIRB	416891 <sup>28</sup>	55175	C-R	370120A	553408	VIC	370048A	55475	BOSTN	472951
55048	GOODM	416891 <sup>28</sup>	55175	SKF	370120A	553408	VIC	370182A	55475	BOSTN	474252
55048	GR-DV	416891 <sup>28</sup>	55177	C-R	370120A	553408	VIC	380048A	55475	NATL	455475
55048K	GOODM	416891 <sup>28</sup>	55177	SKF	370120A	553408	WHITE	370048A	55476	BOSTN	472649
5506SS	JN-MN	471255 <sup>28</sup>	55179	C-R	456192	553408	WHITE	370182A	55477	BOSTN	472642
5507	C-R	710820	55179	SKF	456192	553408	WHITE	380048A	55477	BOSTN	472642V <sup>28</sup>
5507	SKF	710820	551837R91	IH	470163	5534LA	JN-MN	413247 <sup>28</sup>	55478	BOSTN	472644 <sup>28</sup>
55073R91	IH	471532	551837R91	IH	471766 <sup>28</sup>	5534LA	JN-MN	450350	55478	BOSTN	472644V
55077AX	OSHKO	471267 <sup>28</sup>	55199	WMG	457295	55350	GARLK	417358	554D	CALI	415009
55078S	TIMKE	55078S	55202	TROS	370009A	55353	TIMKE	55353	554D	CALI	415960 <sup>28</sup>
55079A	OSHKO	415899N	55202	TROS	380009A	55353153	GMC	3543	55504S	TROS	7412S
55079A	OSHKO	416624N	5520814	GMC	415995 <sup>28</sup>	55357	TIMKE	55357	55524	TIMKE	55524
55080	GARLK	416865 <sup>28</sup>	5520814	GMC	455013	5535LA	JN-MN	473225 <sup>28</sup>	555382R91	IH	450043
55087	BOSTN	471281 <sup>28</sup>	5521	FULLE	410496 <sup>28</sup>	55360	TROS	470712 <sup>28</sup>	555382R91	IH	473419

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
555383R91	IH	473438	556672R91	IH	471504 <sup>28</sup>	55890	GARLK	417363	560007R91	IH	472164 <sup>28</sup>
555384R91	IH	450316	556754	ACF	471689 <sup>28</sup>	559008XX	TIMKE	55X90X8	56001	BOSTN	472953
555384R91	IH	472636 <sup>28</sup>	5567SS	JN-MN	471255 <sup>28</sup>	559013XX	TIMKE	55X90X13	56002	BOSTN	471904
555385R91	IH	474274	556808A	HARWA	55X68X8 <sup>28</sup>	55904	BOSTN	472954 <sup>28</sup>	5601	TIMKE	5601
555386R91	IH	473466	556808XX	TIMKE	55X68X8	55904	BOSTN	472954V	560116R91	IH	450444
555387R91	IH	50081	556939	CHRY5	450094	55905	BOSTN	472658	560116R91	IH	471835 <sup>28</sup>
555388R91	IH	471747 <sup>28</sup>	556939	CHRY5	473462	55905	BOSTN	473197 <sup>28</sup>	56012	EARTH	470045
555388R91	IH	472674	556976	CHRY5	410308 <sup>28</sup>	55906	BOSTN	470596 <sup>28</sup>	56012	EARTH	476838 <sup>28</sup>
555389R91	IH	450070	556976	CHRY5	450308	55906	BOSTN	470596V	5601LA	JN-MN	415351 <sup>28</sup>
555389R91	IH	472185 <sup>28</sup>	556D5	DIA	415009N	55907	BOSTN	470806	5602	TIMKE	5602
555390R91	IH	473225 <sup>28</sup>	556D5	WHITE	475009N	55908C	DIA	5401	5602	WMG	4561V
555391R91	IH	470712 <sup>28</sup>	557008XX	TIMKE	55X70X8	5591	TIMKE	5591	56024871	BENDI	481073
555392R91	IH	470120	55702S	TROS	415371	55910	GARLK	416666	5602LA	JN-MN	473463
555392R91	IH	471224 <sup>28</sup>	5570LA	JN-MN	450069	5591SS	JN-MN	481528	5603	TIMKE	5603
555394R91	IH	471137	5570LA	JN-MN	473232	55925	GARLK	417364	56030	GARLK	417365
555395R91	IH	471137	5571	DIVCO	416738 <sup>28</sup>	5592B	JN-MN	450279 <sup>29</sup>	5603LA	JN-MN	415036
555396R91	IH	470163	5571	DIVCO	450096	5592EL	SUL	473245 <sup>28</sup>	560470R91	IH	415458 <sup>28</sup>
555396R91	IH	471766 <sup>28</sup>	55710	GARLK	417361	55949	EARTH	450161	560470R91	IH	455003
555397R91	IH	470045	557197	CHRY5	473438	55949	EARTH	471764 <sup>28</sup>	56049J	DIA	5751
555397R91	IH	476838 <sup>28</sup>	5571LA	JN-MN	450311 <sup>29</sup>	5594LA	JN-MN	415371	5605	C-R	718610
555398R91	IH	450043	5571LPD	JN-MN	450311	5594LUP	JN-MN	415371	5605	SKF	718610
555398R91	IH	473419	557208XX	TIMKE	55X72X8	55962	EARTH	472012	56050	GARLK	415072
55548	TIMKE	55548	5572LA	JN-MN	450194	5597027	AMC	481837	5605X	HYST	450066
55555805	ALFAR	710811	5572LA	JN-MN	473010	5597027	AMGEN	481837	5605X	HYST	473367 <sup>28</sup>
55555805	FIAT	710811	557369M1	MASSE	473214 <sup>28</sup>	5597LUP	JN-MN	472185 <sup>28</sup>	5606	C-R	472705 <sup>28</sup>
55555805	GMC	710811	5573LA	JN-MN	470548	5598	ALOY	8705S	5606	C-R	472705V
55555805	OPEL	710811	5573LA	JN-MN	470625 <sup>28</sup>	5598LUP	JN-MN	415001 <sup>28</sup>	5606	SKF	472705
55557231	SAAB	710580	5573S	TIMKE	5573	5599	ALOY	8594S	560680	GMC	3553
55557240	SAAB	3772	5574LA	JN-MN	450067	559921	MC-CL	5573	560680-850	GMC	3553
55558S	NATL	417780	5574LA	JN-MN	473228	559922R91	IH	340823	5606LA	JN-MN	417273
55563	TIMKE	55563	557500	ACF	413246	5599LA	JN-MN	450194	5607	HYST	470050
55563	WMG	415563	557500	ACF	413246N	5599LA	JN-MN	473010	56071R91	IH	476283N
55563	WMG	417433 <sup>28</sup>	557508XX	TIMKE	55X75X8	55HB122	BRADF	470163	560754C1	IH	470898
55563374	GMC	714436	55755SA	TRSCM	456192	55HB122	BRADF	471766 <sup>28</sup>	5609LA	JN-MN	417602 <sup>28</sup>
55564509	GMC	224200	5576	NATL	5650	55HB123	BRADF	472015 <sup>28</sup>	5609LUP	JN-MN	417602 <sup>28</sup>
55566S	WMG	455566	557627	ACF	415483 <sup>28</sup>	55-S282	LETN	416364 <sup>28</sup>	56101	C-R	417555 <sup>28</sup>
5558B	JN-MN	417604 <sup>29</sup>	557627	ACF	455368	55-S556	LETN	455556	56101	SKF	417555
5562	ALOY	7607	5576SS	JN-MN	414045 <sup>28</sup>	55X1007X	TIMKE	55X100X7	56101	TROS	416273 <sup>28</sup>
55620	BOSTN	471276 <sup>28</sup>	557782	GMC	472439	55X68X8	FORSH	55X68X8 <sup>28</sup>	56103	C-R	5146
55620	BOSTN	471276V	5579	HYST	473438	55X68X8	SIMRT	55X68X8 <sup>28</sup>	56103	SKF	5146
55620	GARLK	417254	5579448	AMGEN	714675 <sup>29</sup>	55X68X8	TIMKE	55X68X8	56103085	VW	3476
55621	BOSTN	412920 <sup>28</sup>	558008XX	TIMKE	55X80X8	55X68X8SC	TRSCM	55X68X8 <sup>28</sup>	56109	L&S	457874
55621	BOSTN	472950	55805D	IH	473245 <sup>28</sup>	55X68X8TC	TRSCM	55X68X8 <sup>28</sup>	5610LUP	JN-MN	415072
55622	BOSTN	472681	55820R91	IH	5MR1009	55X70X8SC	TRSCM	55X70X8 <sup>28</sup>	56110	BORGW	473463
55622	BOSTN	473259	55823R1	IH	5MR1009	55X70X8TC	TRSCM	55X70X8 <sup>28</sup>	5611LA	JN-MN	472144 <sup>28</sup>
55623	BOSTN	473427	558245	CHRY5	450073	55X72X8	TIMKE	55X72X8	5611TA	OSHKO	370036A
556231	GMC	472439	5582LA	JN-MN	450519	55X72X8SC	TRSCM	55X72X8 <sup>28</sup>	5612LA	JN-MN	450301
55630TB	TRSCM	6872S	5582LA	JN-MN	471271 <sup>28</sup>	55X72X8TC	TRSCM	55X72X8 <sup>28</sup>	5612LA	JN-MN	472397 <sup>28</sup>
5564	ALOY	2506	5583LPD	JN-MN	471747 <sup>28</sup>	55X75X8	TIMKE	55X75X8	5613	TIMKE	5613
556452	ACF	415371	5583LPD	JN-MN	472674	55X75X8SC	TRSCM	55X75X8	561328C91	IH	410312N
5565	ALOY	410059	55850	GARLK	417362 <sup>28</sup>	55X75X8TC	TRSCM	55X75X8	561347R91	IH	471571
5565	ALOY	470380 <sup>28</sup>	558508XX	TIMKE	55X85X8	55X80X8	TIMKE	55X80X8	56136	C-R	417556
5565	ALOY	472189A <sup>28</sup>	55857	NATL	415857 <sup>28</sup>	55X80X8SC	TRSCM	55X80X8	56136	SKF	417556
5565	ALOY	9613S	55858	NATL	455858	55X80X8TC	TRSCM	55X80X8	5613LA	JN-MN	415960
55650	GARLK	417360	55861	GMC	470045	55X90X13	TIMKE	55X90X13	5613LA	JN-MN	455009
556514C91	IH	291099	55861	GMC	476838 <sup>28</sup>	55X90X13SC	TRSCM	55X90X13	5613LPD	JN-MN	415960
5566	ALOY	331301N	55865C1	IH	41461S	55X90X13TC	TRSCM	55X90X13	5613LPD	JN-MN	455009
5566	ALOY	9015S <sup>29</sup>	55879D	IH	415147	56	UNIVE	471570 <sup>28,29</sup>	56147	TROS	6960
556623	ACF	417252	55879D	IH	415449 <sup>28</sup>	5600	ALOY	5699	56149	BOSTN	472660
556672R91	IH	470351	5589	TIMKE	5589	56000	BOSTN	472655	56150	BOSTN	472651V

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
56151	BOSTN	472653 <sup>28</sup>	56340	C-R		5662	C-R	471281 <sup>28</sup>	56801S	TROS	471267 <sup>28</sup>
5615B	JN-MN	416666 <sup>29</sup>	144X160X12 <sup>29</sup>			5662	GILSN	200354	568020R91	IH	471571
56160	C-R	417040	56340	SKF	144X160X12	5662	SKF	471281	56803A	WHITE	471689 <sup>28</sup>
56160	SKF	417040	56343	NOVI	450494	566201R91	IH	450069	5681410	GMC	8059S
5616B	JN-MN	417554 <sup>28</sup>	56343	NOVI	472164 <sup>28</sup>	566201R91	IH	473232	5682	TIMKE	5682
56178	TROS	205017	563578	CHRY5	415234 <sup>28</sup>	5662200	GMC	340151	568284	AL-KO	370219A
5617B	JN-MN	455480 <sup>28</sup>	563653	CHRY5	481864	5662B	JN-MN	471760	5682846	GMC	351267
561892R91	IH	470954 <sup>28</sup>	56 36 816	OPEL	225020	56630H	IH	410737 <sup>28</sup>	5682846	GMC	471267 <sup>28</sup>
5619SS	JN-MN	473228 <sup>28,29</sup>	563722	CHRY5	450076	56630H	IH	450737	568303	AL-KO	370352A
56205S	TROS	5589	563722	CHRY5	470334 <sup>28</sup>	566330	US-EL	470062	5683898	GMC	8059S
562075R91	IH	415498	563902	C-R	155X180X15	566330	US-EL	474264	568403	CHRY5	473215 <sup>28</sup>
562077R91	IH	472041	563902	SKF	155X180X15	5663766	GMC	350954	568404	CHRY5	473215 <sup>28</sup>
562077R91	IH	473454	5639B	JN-MN	473426 <sup>29</sup>	5663766	GMC	470954 <sup>28</sup>	568452	CHRY5	450467
56208-F	REO	370003A	564033	C-R	14X24X7	5663834	GMC	471413 <sup>28</sup>	5685	C-R	471281 <sup>28</sup>
5620SS	JN-MN	343104	564033	SKF	14X24X7	5663837	GMC	351267	5685	SKF	471281
5624	TIMKE	5624	5640LA	JN-MN	470045	5663837	GMC	471267 <sup>28</sup>	5685	TIMKE	5685
562411	US-EL	450183	5640LA	JN-MN	476838 <sup>28</sup>	5664016	GMC	471466 <sup>28</sup>	56851	GMC	450043
562411	US-EL	472179	56411	BOSTN	477105	56641S	TROS	3103 <sup>28</sup>	56851	GMC	473419
562416	CLARK	416153 <sup>28</sup>	564353	C-R	60X100X10	5664459	GMC	471646 <sup>28</sup>	5685524	GMC	7013S
562491R91	IH	472144 <sup>28</sup>	564353	SKF	60X100X10	5664690	GMC	323138 <sup>28</sup>	5686	TIMKE	5686
562609	C-R	30X47X10	564403R91	IH	203008	5665LA	JN-MN	471466 <sup>28</sup>	56860	TROS	1049
562609	SKF	30X47X10	5644LA	JN-MN	473215 <sup>28</sup>	5666	TIMKE	5666	56861	GMC	470045
562621	C-R	35X48X8	5644LUP	JN-MN	473215 <sup>28</sup>	56660	TROS	471195 <sup>28</sup>	56861	GMC	476838 <sup>28</sup>
562621	SKF	35X48X8	5645	TIMKE	5645	56660	TROS	481195	5686644	GMC	7013S
562.653	ELRNG	713087	564592R91	IH	350414	56665TA	TRSCM	417555 <sup>28</sup>	568674	CHRY5	472394
562696	C-R	25X35X6	564592R91	IH	472311 <sup>28</sup>	5666LA	JN-MN	470120	568688	CHRY5	410312N
562696	SKF	24X52X7	564631	SPICE	471820	5666LA	JN-MN	471224 <sup>28</sup>	568690	GMC	470059
5626LA	JN-MN	471862 <sup>29</sup>	564632	SPICE	471646 <sup>28</sup>	5667	NATL	370023A	568690	GMC	470380 <sup>28</sup>
562796	C-R	50X68X8	5646OSR	JN-MN	417538 <sup>29</sup>	5667	NATL	370024A	568767R91	IH	240731
562796	SKF	50X68X8	564769	C-R	65X90X7	5667	TIMKE	5667	568769R91	IH	473438
5627LPD	JN-MN	470682	564769	SKF	65X90X7	566701R91	IH	6590S	568770R91	IH	415458 <sup>28</sup>
562835	C-R	350572	5647B	JN-MN	470074	566810XX	TIMKE	56X68X10	568770R91	IH	455003
562835	C-R	40X72X7	5647B	JN-MN	474265	56685TA	TRSCM	417556	5688020	GMC	8773S
562835	SKF	350572	5649	NATL	370047A	56689LA	JN-MN	450154	56889B	JN-MN	457874 <sup>29</sup>
562835	SKF	40X72X7	5649	TIMKE	5649	5669LA	JN-MN	473234	569008XX	TIMKE	56X90X8
562888	C-R	35X80X12	564997	C-R	50X80X10	5670060	GMC	473237 <sup>28</sup>	56903	JOY	415138 <sup>28</sup>
562888	SKF	35X80X12	564997	SKF	50X80X10	567008XX	TIMKE	56X70X8	5690LPD	JN-MN	473445
5629	TIMKE	5629	564998	C-R	55X90X10	56715TA	TRSCM	417040	5691484	GMC	472164 <sup>28</sup>
562932C1	IH	370007A	564998	SKF	55X90X10	5671B	JN-MN	471466 <sup>28</sup>	569186	US-EL	472185 <sup>28</sup>
562.939	ELRNG	222820	5649B	JN-MN	417554 <sup>28,29</sup>	567207XX	TIMKE	56X72X7	5692683	GMC	471264 <sup>28</sup>
562981	C-R	12X32X7	5650	TIMKE	5650	567236	CHRY5	413469 <sup>28</sup>	5693	TIMKE	5693
562981	SKF	12X32X7	5651R	JN-MN	417273 <sup>29</sup>	5672855	GMC	7412S	5694	TIMKE	5694
5629LPD	JN-MN	471744 <sup>28</sup>	5652	C-R	471281 <sup>28</sup>	5672997	GMC	471689 <sup>28</sup>	5695	TIMKE	5695
5629R	JN-MN	471744 <sup>28</sup>	5652	SKF	471281	5673120	GMC	7840S	5696	TIMKE	5696
56305	GOODM	240698	56520	TROS	471652	5673121	GMC	7399S <sup>28</sup>	5696537	GMC	7399S <sup>28</sup>
56306	BOSTN	415001 <sup>28</sup>	56520	TROS	482208 <sup>28</sup>	5674114	GMC	340495	569682	US-EL	472164 <sup>28</sup>
56307	BOSTN	417474	565280	CHRY5	450365	567507XX	TIMKE	56X75X7	569684	US-EL	472185 <sup>28</sup>
56309	BOSTN	473243	565280	CHRY5	470898 <sup>28</sup>	5675600	GMC	340413	569686	US-EL	415988
5630LA	JN-MN	450118	5652R	JN-MN	415034 <sup>28</sup>	567816R91	IH	417492	5696LUP	JN-MN	470077
5630LA	JN-MN	473449	5652R	JN-MN	455034	567824R91	IH	472185 <sup>28</sup>	5696LUP	JN-MN	474281 <sup>28</sup>
5630LUP	JN-MN	473449 <sup>28</sup>	56544C	DIA	415066	567826R91	IH	450352	5697	TIMKE	5697
563137	C-R	25X37X5	5659SH	JN-MN	340930 <sup>29</sup>	567826R91	IH	472164 <sup>28</sup>	5698	TIMKE	5698
563137	SKF	25X37X5	56601S	TROS	473231 <sup>28</sup>	567829R91	IH	471192	5699	TIMKE	5699
563138	C-R	25X37X5	5660LA	JN-MN	471267 <sup>28</sup>	567878	CHRY5	470898	569D6	DIA	5408
563138	SKF	25X37X5	5660LUP	JN-MN	471267 <sup>28</sup>	56793698	IG-RA	415085 <sup>28</sup>	569D6	WHITE	5408
563149R91	IH	6575S	5661151	GMC	472185 <sup>28</sup>	56793698	IG-RA	456648	56H7688	FORD	340797
563196	C-R	25X62X7	5661486	GMC	471763	5679R	JN-MN	417298 <sup>29</sup>	56X68X10SC	TRSCM	56X68X10
563196	SKF	25X62X7	566162R91	IH	415483 <sup>28</sup>	568008A	HARWA	56X80X8	56X68X10TC	TRSCM	56X68X10
5632LPD	JN-MN	413472	566162R91	IH	455368	568008XX	TIMKE	56X80X8	56X70X8	TIMKE	56X70X8
5633R	JN-MN	473447	5661LA	JN-MN	471267 <sup>28</sup>	56801S	TROS	351267	56X80X8	SIMRT	56X80X8

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
56X80X8SC	TRSCM	56X80X8	5722LA	JN-MN	471760 <sup>29</sup>	573022358	EL-MO	471692 <sup>28</sup>	57420	TROS	6930
56X80X8TC	TRSCM	56X80X8	5723	TIMKE	5723	573022359	EL-MO	472164 <sup>28</sup>	57421	TROS	7044NA
56X90X8SC	TRSCM	56X90X8	5723LA	JN-MN	450342	573022360	EL-MO	472397 <sup>28</sup>	5742152	AMGEN	3945
56X90X8TC	TRSCM	56X90X8	5723LUP	JN-MN	450342	573022361	EL-MO	470712 <sup>28</sup>	574238R91	IH	240731
57	MYERS	473420	57240	TROS	410825	573022362	EL-MO	473445	574239R91	IH	350414
57	UNIVE	472951	5724LA	JN-MN	471762 <sup>28</sup>	573022374	EL-MO	470590	574239R91	IH	472311 <sup>28</sup>
57	UNIVE	474252	5724LPD	JN-MN	471762 <sup>28</sup>	573022378	EL-MO	471835 <sup>28</sup>	5743226	AMGEN	710258
5700	TIMKE	5700	572571	CHRYS	473438	573022379	EL-MO	471255 <sup>28</sup>	5743285	AMGEN	3945
5700208	GMC	343186	5725LA	JN-MN	471763 <sup>29</sup>	573022380	EL-MO	416288 <sup>28</sup>	5743361	AMGEN	714598
5700222	GMC	471535 <sup>28</sup>	57269	US-EL	340787	573022383	EL-MO	416041	574362	CHRYS	455336
5700223	GMC	471646 <sup>28</sup>	5726LA	JN-MN	471354 <sup>28,29</sup>	573022385	EL-MO	470605 <sup>28</sup>	5743751	AMGEN	4333N
5700224	GMC	470163	5727	TIMKE	5727	573022386	EL-MO	416345 <sup>28</sup>	574384	CHRYS	455336
5700224	GMC	471766 <sup>28</sup>	5727LA	JN-MN	470163	573022387	EL-MO	471554 <sup>28</sup>	5743892	AMGEN	5512
5700225	GMC	41787S	5727LA	JN-MN	471766 <sup>28</sup>	573022388	EL-MO	416380 <sup>28</sup>	574389R91	IH	240736
5700227	GMC	474278 <sup>28</sup>	5728LA	JN-MN	471787 <sup>28</sup>	573022389	EL-MO	416345 <sup>28</sup>	5743936	AMGEN	710891
5700227	GMC	480356	5728LUP	JN-MN	471787 <sup>28</sup>	573022390	EL-MO	416664 <sup>28</sup>	5743LA	JN-MN	413478 <sup>29</sup>
5700SS	JN-MN	350414	572915	ADAMS	470120	573022391	EL-MO	470380 <sup>28</sup>	57440	TROS	5126
5700SS	JN-MN	472311 <sup>28</sup>	572915	ADAMS	471224 <sup>28</sup>	573022392	EL-MO	471424 <sup>28</sup>	5744LA	JN-MN	455079 <sup>28</sup>
5704	NATL	450666	5729496	GMC	415012N	573022393	EL-MO	471646 <sup>28</sup>	5744LUP	JN-MN	455079 <sup>28</sup>
5706LA	JN-MN	415458 <sup>28</sup>	5729LA	JN-MN	471801 <sup>28</sup>	573022394	EL-MO	450593 <sup>28</sup>	574562	CHRYS	455249 <sup>28</sup>
5706LA	JN-MN	455003	5729LUP	JN-MN	471801 <sup>28</sup>	573022395	EL-MO	471571	574563	CHRYS	455249 <sup>28</sup>
5707	C-R	471535 <sup>28</sup>	572A4	WHITE	412119 <sup>28</sup>	573022397	EL-MO	471692 <sup>28</sup>	5745875	AMGEN	710892
5707	SKF	471535	572A4	WHITE	450101	573022398	EL-MO	252277	5745876	AMGEN	710601
570793	CHRYS	450121	573	C-R	5M293	5730LA	JN-MN	470169	5745995	AMGEN	710585
570793	CHRYS	472409 <sup>28</sup>	573	SKF	5M293	5730LA	JN-MN	473214	5745LA	JN-MN	417343 <sup>28</sup>
57080	C-R	710369	573022207	EL-MO	J1111	5731LA	JN-MN	470950 <sup>28</sup>	5745LUP	JN-MN	417343 <sup>28</sup>
57080	SKF	710369	573022209	EL-MO	J1109	5731LA	JN-MN	6241S	5746LA	JN-MN	455151
57085D	IH	417316 <sup>28</sup>	573022218	EL-MO	J1127	5731LPD	JN-MN	470950 <sup>28</sup>	5747LA	JN-MN	415960
570D6	WHITE	6270	573022220	EL-MO	J1125	5731LPD	JN-MN	6241S	5747LA	JN-MN	455009
57110	C-R		573022301	EL-MO	471466 <sup>28</sup>	573259R91	IH	470169	5748LA	JN-MN	455018
145X170X12 <sup>29</sup>			573022302	EL-MO	471267 <sup>28</sup>	573259R91	IH	473214	5748LA	JN-MN	476470
57110	SKF	145X170X12	573022303	EL-MO	471224 <sup>28</sup>	5732LA	JN-MN	473226 <sup>29</sup>	5749LA	JN-MN	416158 <sup>29</sup>
57120	C-R	145X175X15	573022304	EL-MO	471413 <sup>28</sup>	5732LUP	JN-MN	473226	57502R	TROS	451147H
57120	SKF	145X175X15	573022305	EL-MO	480630 <sup>28</sup>	5733	WMG	410312N	57505	C-R	415447 <sup>29</sup>
57120	TROS	44052	573022305	EL-MO	480991	5733LA	JN-MN	470059	57505	SKF	415447
57121	TROS	6954S	573022306	EL-MO	472439	5733LA	JN-MN	470380 <sup>28</sup>	57509	C-R	417362 <sup>29</sup>
57122	TROS	44053	573022307	EL-MO	471272 <sup>28</sup>	57340	TROS	470487N	57509	SKF	417362
57125	C-R	145X180X12	573022308	EL-MO	416011	5734LA	JN-MN	473440 <sup>28,29</sup>	5750LA	JN-MN	450117
57125	SKF	145X180X12	573022308	EL-MO	417621 <sup>28</sup>	5734LUP	JN-MN	473440 <sup>28</sup>	5750LA	JN-MN	472572 <sup>28</sup>
5712B	JN-MN	416273 <sup>28</sup>	573022309	EL-MO	472015 <sup>28</sup>	573515010	EL-MO	415483	57510	C-R	417362 <sup>28</sup>
5714B	JN-MN	417350 <sup>28</sup>	573022310	EL-MO	473231 <sup>28</sup>	573515011	EL-MO	473237 <sup>28</sup>	57510	SKF	417362
5714B	JN-MN	455479	573022311	EL-MO	417349 <sup>28</sup>	573515014	EL-MO	417344 <sup>28</sup>	57519	C-R	417363
5715	FULLE	450183	573022312	EL-MO	470898	5735316	B-L-H	471737	57519	SKF	417363
5715	FULLE	472179	573022313	EL-MO	416404 <sup>28</sup>	5735LA	JN-MN	450154	5751S	TIMKE	5751
57160	TROS	7022S	573022314	EL-MO	473228 <sup>28</sup>	5735LA	JN-MN	473234	5752	HYST	416339
57160S	TROS	7022S	573022315	EL-MO	471424 <sup>28</sup>	5736LA	JN-MN	450183	5752	HYST	455031 <sup>28</sup>
57196	US-EL	416339	573022316	EL-MO	472179	5736LA	JN-MN	472179	57520S	TROS	471652
57196	US-EL	455031 <sup>28</sup>	573022321	EL-MO	471950	5737LA	JN-MN	472394	57520S	TROS	482208 <sup>28</sup>
5719OSR	JN-MN	471567 <sup>28</sup>	573022322	EL-MO	471652	5737LUP	JN-MN	472394	57521	C-R	416666 <sup>29</sup>
572	C-R	5M289	573022327	EL-MO	473233 <sup>28</sup>	5738LA	JN-MN	450094	57521	SKF	416666
572	SKF	5M289	573022333	EL-MO	472258 <sup>28</sup>	5738LA	JN-MN	473462	5752B	HYST	416339
57202	TROS	415064	573022334	EL-MO	470380 <sup>28</sup>	5739LA	JN-MN	450301	5752B	HYST	455031 <sup>28</sup>
57203	TROS	417480 <sup>28</sup>	573022335	EL-MO	416047	5739LA	JN-MN	472397 <sup>28</sup>	57531	C-R	416666 <sup>29</sup>
57203	TROS	455860	573022335	EL-MO	416332 <sup>28</sup>	5740017	AMGEN	3173	57531	SKF	416666
572050401	EL-MO	412040	573022336	EL-MO	473204	5740017	AMGEN	710928	5754	GOODM	415041
5720LA	JN-MN	471570 <sup>28,29</sup>	573022337	EL-MO	412040	57403D	IH	472015 <sup>28</sup>	57540S	TROS	474278 <sup>28</sup>
5720LPD	JN-MN	471570 <sup>28</sup>	573022338	EL-MO	471341 <sup>28</sup>	5740LA	JN-MN	450301	575416	CABOT	416892 <sup>28</sup>
572106	Y-T	411253 <sup>28</sup>	573022355	EL-MO	474278 <sup>28</sup>	5740LA	JN-MN	472397 <sup>28</sup>	57541R	TROS	331227H
572106	Y-T	450099	573022355	EL-MO	480356	5741SH	JN-MN	412920 <sup>28</sup>	575420	MINMA	415371
5722	SKIL	340469	573022357	EL-MO	471570 <sup>28</sup>	5741SH	JN-MN	450132	575423C91	IH	711552

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
575424	GOODM	415138 <sup>28</sup>	578010	CHRY	455151	5810	SKF	15X28X7	5853-K304268	Y-T	415379 <sup>28</sup>
575424	GR-DV	415138 <sup>28</sup>	578011	CHRY	455151	58116	MASTE	340413	5853-K304268	Y-T	455379
57542S	TROS	8160S	5780SS	JN-MN	471570 <sup>28</sup>	581333R91	IH	470163	5853LA	JN-MN	451583 <sup>28,29</sup>
57549	HYST	471272 <sup>28</sup>	5781LA	JN-MN	450083	581333R91	IH	471766 <sup>28</sup>	58550	ALLCH	450183
575583	CHRY	415041	5781LA	JN-MN	472924 <sup>28</sup>	58142	CARDX	410694 <sup>28</sup>	58550	ALLCH	472179
575584	CHRY	415041	5782	CATER	450269	581646	IH	470045	5855LA	JN-MN	471684 <sup>28</sup>
5756	C-R	471551 <sup>28</sup>	5782	TMTR	450076	581646	IH	476838 <sup>28</sup>	5855LA	JN-MN	471698
5756	SKF	471551	5782	TMTR	470334 <sup>28</sup>	581646R91	IH	470045	58561S	TROS	471344
5756	TIMKE	5756	5782LA	JN-MN	471466 <sup>28</sup>	581646R91	IH	476838 <sup>28</sup>	5857	TIMKE	5857
57578	C-R	417364	57840S	TROS	7188S	581.879	ELRNG	710232	5857LA	JN-MN	471571 <sup>29</sup>
57578	SKF	417364	57841	TROS	40494S	5821	C-R	15X30X7 <sup>28</sup>	585K13	Y-T	471646 <sup>28</sup>
57581	C-R	416029	578513XX	TIMKE	57X85X13	5821	C-R	221540	585K-15	Y-T	352541
57581	SKF	416029	578576	ALLCH	205017	5821	SKF	15X30X7	585K-19	Y-T	470064
57584	C-R	416039	57883	HYST	470409 <sup>28</sup>	5821	SKF	221540	585K-19	Y-T	471821 <sup>28</sup>
57584	SKF	416039	578913-C1	IH	370057A	5821SS	JN-MN	470625 <sup>28</sup>	585K-21	Y-T	455685
5758B	JN-MN	416107 <sup>28</sup>	578913C1	NAVST	370057A	5823	HYST	J1129	585K-22	Y-T	415196 <sup>28</sup>
5758B	JN-MN	455073	578982	MC-CL	481481	582413R91	IH	472185 <sup>28</sup>	585K-23	Y-T	472394
57599	C-R	148X170X15	5790	C-R	15X24X7 <sup>28</sup>	582587C91	IH	370192A	585K-24	Y-T	450301
57599	SKF	148X170X15	5790	C-R	2027	582587C91	NAVST	370192A	585K-24	Y-T	472397 <sup>28</sup>
5760R	JN-MN	415991	5790	SKF	15X24X7	5826LA	JN-MN	472439	585K-25	Y-T	410737 <sup>28</sup>
5760R	JN-MN	455146 <sup>28</sup>	5790	SKF	2027	5826LPD	JN-MN	472439	585K-25	Y-T	450737
576209	CHRY	415041	5792	NATL	473450 <sup>28</sup>	5827	TIMKE	5827	585K-26	Y-T	450316
5764	TMTR	450082	579207	GMC	8139	5827B	JN-MN	471689 <sup>28</sup>	585K-26	Y-T	472636 <sup>28</sup>
5764	TMTR	473238	5792LUP	JN-MN	55X72X8 <sup>28</sup>	5828R	JN-MN	472144 <sup>28,29</sup>	585K-28	Y-T	416556 <sup>28</sup>
5764SS	JN-MN	471733	57936	HYST	40494S	5830	C-R	15X32X8	585K-28	Y-T	472157
5765LA	JN-MN	474255	5793SH	JN-MN	40230S	5830	SKF	15X32X8	585K-32	Y-T	417344 <sup>28</sup>
57661S	TROS	471195 <sup>28</sup>	5793SS	JN-MN	471689 <sup>28</sup>	583.050	ELRNG	320348	585K-32	Y-T	455006
57661S	TROS	481195	579432	GMC	7607	5830526	GMC	455024	585K-34	Y-T	470064
576755TA	TRSCM	417362 <sup>28</sup>	5796	TIMKE	5796	5830SS	JN-MN	471192	585K-34	Y-T	471821 <sup>28</sup>
57688R91	IH	456618	579651	ALLCH	473461 <sup>28</sup>	5831	C-R	15X32X7 <sup>28</sup>	585K-36	Y-T	40576S
576W4-M1	C-R	370036A	579908	ALLCH	204017	5831	SKF	15X32X7	585K-39	Y-T	470088
576W4-M1	C-R	370349A	57F	CLARK	240319	5831LA	JN-MN	481073	585K-415	Y-T	471424 <sup>28</sup>
576W4-M1	C-R	380036A	57G	CLARK	417267	5831LUP	JN-MN	481073	585K-45	Y-T	450301
576W4-M1	SKF	370036A	57GC186A	MACK	5645	583329R91	IH	240736	585K-45	Y-T	472397 <sup>28</sup>
576W4-M1	SKF	370349A	57GC186B	MACK	5645	583388C91	IH	100263	585K-46	Y-T	450519
576W4-M1	SKF	380036A	57GC187A	MACK	5039	583388C91	IH	3905	585K-46	Y-T	471271 <sup>28</sup>
576W4-T8	C-R	370036A	57X85X13SC	TRSCM	57X85X13	5836	TIMKE	5836	585K-47	Y-T	415281N
576W4-T8	C-R	370349A	57X85X13TC	TRSCM	57X85X13	58394	EATON	370021A	585S-35	Y-T	40568S
576W4-T8	C-R	380036A	5801	NATL	414045 <sup>28</sup>	5840	C-R	15X35X7	585S-36	Y-T	40576S
576W4-T8	SKF	370036A	5801	WMG	414045 <sup>28</sup>	5840	SKF	15X35X7	585S-37	Y-T	417267
576W4-T8	SKF	370349A	5803	C-R	221510	5841	C-R	15X35X7 <sup>28</sup>	585S-413	Y-T	472394
576W4-T8	SKF	380036A	5803	SKF	221510	5841	SKF	15X35X7	5-86007-301-0	ISUZU	4901
5770	NATL	225010	5804	C-R	15X25X6 <sup>28</sup>	5841LA	JN-MN	470354 <sup>29</sup>	5-86007-313-0	HONDA	320595
5770LUP	JN-MN	416654 <sup>28</sup>	5804	C-R	221510 <sup>29</sup>	58423D	IH	415196 <sup>28</sup>	5-86007-314-0	HONDA	320595
5770OSR	JN-MN	416654 <sup>28</sup>	5804	SKF	15X25X6	584346R91	IH	415379	5-86007-315-0	HONDA	320595
5770OSR	JN-MN	455012	5804	SKF	221510	5844	US-EL	413246	5861AB	JOHND	470062
5771LA	JN-MN	415001 <sup>28</sup>	5804SS	JN-MN	472258 <sup>28</sup>	5844	US-EL	413246N	5861AB	JOHND	474264
5771LA	JN-MN	455001	5806	C-R	15X26X7 <sup>28</sup>	58440	TROS	7216	5-86204-815-0	ISUZU	224053
5772LA	JN-MN	450076	5806	SKF	15X26X7	5844R	JN-MN	471424 <sup>28</sup>	5-86204-816-0	ISUZU	224053
5772LA	JN-MN	470334 <sup>28</sup>	58065D	IH	472179	58461S	TROS	470331N	5-86204-817-0	ISUZU	224053
5772LUP	JN-MN	470334 <sup>28</sup>	5808	C-R	15X25X5 <sup>28</sup>	584913R91	IH	450361	5-86204-818-0	ISUZU	224053
57732	MC-CL	481443 <sup>28</sup>	5808	C-R	221510	584913R91	IH	472193 <sup>28</sup>	5-86204-819-0	ISUZU	224053
577321	MC-CL	481443 <sup>28</sup>	5808	NATL	221510	585050	CHRY	470548	5-86204-820-0	ISUZU	712009
5773LA	JN-MN	414045 <sup>28</sup>	5808	SKF	15X25X5	585050	CHRY	470625 <sup>28</sup>	5862068170	ISUZU	224052
57764	GRAY	40652S	5808	SKF	221510	5850D-2011	Y-T	470605 <sup>28</sup>	5-86206-818-0	ISUZU	224052
57773	US-EL	415035 <sup>28</sup>	580920	BR-WN	J1138	5850SS	JN-MN	472705 <sup>28</sup>	5-86206-819-0	ISUZU	228015
57773	US-EL	455035	580980C1	IH	482041N	585-1151	SPICE	4561V	5-86207-486-0	ISUZU	228015
5778	TIMKE	5778	580981C1	IH	473010N	58519	REX	416888 <sup>28</sup>	58640S	TROS	3103 <sup>28</sup>
5778V	TIMKE	5778V	580.988	ELRNG	710329	5853-K300047	Y-T	415449 <sup>28</sup>	58641	AM WH	450085
5779	HYST	473438	5810	C-R	15X28X7	5853-K300047	Y-T	455147	58641	AM WH	470530 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
58645C91	IH	471737	58N1617	WGEAR	472299	59160S	TROS	203008	5946	C-R	471532
5865	TIMKE	5865	58R035	SHOV	415058	591771C91	IH	475368N	5946	SKF	471532
5-86505-937-0	ISUZU	710295	58R037	SHOV	55353	591.777	ELRNG	222743	594639	Y-T	55353
5-86513-557-0	ISUZU	710052	58R040	SHOV	417316 <sup>28</sup>	591830C91	IH	470567	594672	EATON	415991
58660S	TROS	321460	58R040	SHOV	455004	591830C91	IH	471267 <sup>28</sup>	594672	EATON	455146 <sup>28</sup>
586.641	ELRNG	710403	58T002	SHOV	470059	591831C91	IH	350679	5947	FULLE	415991
586.668	ELRNG	710332	58T002	SHOV	470380 <sup>28</sup>	591831C91	IH	470954 <sup>28</sup>	5947	FULLE	455146 <sup>28</sup>
586.676	ELRNG	716484	58T063	SHOV	470059	591832C91	IH	350567	594702R91	CASE	5027
5867R	JN-MN	450070	58T063	SHOV	470380 <sup>28</sup>	591832C91	IH	471267 <sup>28</sup>	594703R1	CASE	5027
5867R	JN-MN	472185 <sup>28</sup>	58T067	SHOV	417269 <sup>28</sup>	591833C91	IH	470380 <sup>28</sup>	594962C1	IH	370003A
58685D	IH	410059	58T082	SHOV	470059	591834C91	IH	482163N	594962C1	NAVST	380003A
58685D	IH	470380 <sup>28</sup>	58T082	SHOV	470380 <sup>28</sup>	591835C91	IH	470088	594963C1	IH	370023A
58698	AM WH	450474	58T083	SHOV	411376 <sup>28</sup>	591836C91	IH	417484N	594963C1	NAVST	380023A
58702	TROS	5072	58T083	SHOV	455093	591836C91	IH	455322N	594964C1	IH	370048A
587.044	ELRNG	223542	58T089	SHOV	415498	591843C1	IH	240816	594964C1	NAVST	370182A
58715TA	TRSCM	416476 <sup>28</sup>	58X-1868R3	MACK	442874	591844C91	IH	471413 <sup>28</sup>	594964C1	NAVST	380048A
58715TA	TRSCM	417364	58X72X8	TIMKE	58X72X8	591845C91	IH	473231 <sup>28</sup>	594965C1	IH	370450A
58716	C-R	416476 <sup>28</sup>	58X72X8SC	TRSCM	58X72X8	591896R91	IH	472185 <sup>28</sup>	594966C1	IH	370124A
58716	SKF	416476	58X72X8TC	TRSCM	58X72X8	5919	NATL	200354	594967C1	IH	370131A
587208XX	TIMKE	58X72X8	58X80X8	TIMKE	58X80X8	5919S	WMG	204002	594967C1	NAVST	380131A
5872S	TIMKE	5872S	58X80X8SC	TRSCM	58X80X8	5920B	JN-MN	480630 <sup>28</sup>	5949B	JN-MN	450083
58741	C-R	416476 <sup>28</sup>	58X80X8TC	TRSCM	58X80X8	5924	TIMKE	5924	5949B	JN-MN	472924 <sup>28</sup>
58741	SKF	416476	58X85X13SC	TRSCM	58X85X13	592441	GMC	414045 <sup>28</sup>	5950	C-R	473405 <sup>29</sup>
587507XX	TIMKE	58X75X7	58X85X13TC	TRSCM	58X85X13	5925SS	JN-MN	481568 <sup>28,29</sup>	5950	FULLE	417488 <sup>28</sup>
587542	CHRYL	55337	59005	C-R	150X180X12	5926	C-R	471532	5950	SKF	473405
58760	C-R	455297 <sup>29</sup>	59005	SKF	150X180X12	5926	SKF	471532	5950B	JN-MN	480630 <sup>28</sup>
58760	SKF	455297	59015A	HERCU	473240 <sup>28</sup>	5926LA	JN-MN	417254 <sup>29</sup>	595169R91	IH	471272 <sup>28</sup>
5877	TIMKE	5877	5903	EATON	415995 <sup>28</sup>	5926LUP	JN-MN	417254 <sup>29</sup>	595206R91	IH	470380 <sup>28</sup>
587760	CHRYL	412473 <sup>28</sup>	5903	EATON	455013	59277764	VOLVO	415867	59520S	TROS	331107N
587760	CHRYL	415894	5903	FULLE	415995 <sup>28</sup>	592860	GMC	414045 <sup>28</sup>	59524	MASTE	450593 <sup>28</sup>
587778	GMC	472082	5903	FULLE	455013	59292195	BUC-E	415196 <sup>28</sup>	59540S	TROS	330663
5877LA	JN-MN	417780 <sup>29</sup>	59035	ALLCH	417487	5931LUP	JN-MN	416071 <sup>29</sup>	59540S	TROS	472354 <sup>28</sup>
5877YK	JOHND	204035	59035	ALLCH	455014	593256	CHRYL	450095	595638	GMC	470606 <sup>28</sup>
587809R91	IH	450352	59036	ALLCH	410520	593256	CHRYL	473464 <sup>28</sup>	5956LA	JN-MN	455310
587809R91	IH	472164 <sup>28</sup>	59036	ALLCH	471272 <sup>28</sup>	593258	CHRYL	410737 <sup>28</sup>	5957B	JN-MN	418891 <sup>28</sup>
58787	C-R	3016	5904	C-R	710714	593258	CHRYL	450737	59586R91	IH	473463
58787	SKF	3016	5904	SKF	710714	593260	CHRYL	415458 <sup>28</sup>	59587	VIC	5827
588008XX	TIMKE	58X80X8	5905LA	JN-MN	455195	593260	CHRYL	455003	59587R91	IH	473463
58801S	TROS	7013S	5905LA	JN-MN	472157 <sup>28</sup>	593596	CHRYL	410308 <sup>28</sup>	5959R	JN-MN	417316 <sup>28</sup>
5880LA	JN-MN	450039 <sup>29</sup>	5906LA	JN-MN	418028	593596	CHRYL	450308	5959R	JN-MN	455004
5880LPD	JN-MN	450039 <sup>29</sup>	5906LA	JN-MN	455137 <sup>28</sup>	59380	C-R	8907	596	C-R	5M403
58821	MASTE	471765 <sup>28</sup>	590.797	ELRNG	228008	59380	SKF	8907	596	SKF	5M403
5883	C-R	15X40X7	5907LPD	JN-MN	416865 <sup>28</sup>	5938609	AMGEN	3946	5961	NATL	370036A
5883	SKF	15X40X7	5907LPD	JN-MN	455070	5938681	AMGEN	4370N	59614	ALLCH	416339
5883SS	JN-MN	471526 <sup>28</sup>	5910LA	JN-MN	415034 <sup>28</sup>	5938LA	JN-MN	415116	59614	ALLCH	455031 <sup>28</sup>
58843	MASTE	471571	5910LA	JN-MN	455034	593916R91	IH	417492	596144C1	IH	713750
58846	KELSE	442251	5910LPD	JN-MN	415034 <sup>28,29</sup>	59395	HYST	415001 <sup>28</sup>	59615	ALLCH	415072
588513XX	TIMKE	58X85X13	59120S	TROS	9150S	5939LA	JN-MN	417604	5961LA	JN-MN	415281N
588737R91	IH	450361	59121	HYST	416404 <sup>28</sup>	594	MERIX	470358	5961LUP	JN-MN	417349 <sup>28</sup>
588737R91	IH	472193 <sup>28</sup>	5912756	GMC	471647	594	MERIX	473231	596309C-91	IH	9773
588964	CHRYL	410312N	591331	CLARK	410085	594	ROCKW	470358	596310C91	IH	475012N
588978C91	IH	475322N	591331	CLARK	470530 <sup>28</sup>	594	ROCKW	473231	596311C91	IH	415164N
589208	CHRYL	472394	591331	GMC	410085	59401D	IH	473010 <sup>28</sup>	596312C91	IH	475003N
5892LPD	JN-MN	410102	591331	GMC	470530 <sup>28</sup>	5943B	JN-MN	450040	596313C91	IH	712937
589305	CHRYL	473457 <sup>28</sup>	59134	GRAY	410312N	594447R91	CASE	321516	596351	CHRYL	450352
5893B	JN-MN	471868 <sup>29</sup>	59140	TROS	411348 <sup>28</sup>	594447R91	CASE	471516 <sup>28</sup>	596351	CHRYL	472164 <sup>28</sup>
5894	FULLE	415995 <sup>28</sup>	591448	GMC	450441	594463-1	SPICE	417191	596372C1	IH	455322V
5894	FULLE	455013	591448	GMC	471341 <sup>28</sup>	594463-1	SPICE	455165 <sup>28</sup>	5963SH	JN-MN	417267
589D1	WHITE	450083	5915	NATL	473228	594463-2	SPICE	417191	596430C91	IH	330749V
589D1	WHITE	472924 <sup>28</sup>	5915	NATL	51098	594463-2	SPICE	455165 <sup>28</sup>	596430C92	IH	39920

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
5965	TIMKE	5965	599	ROCKW	450025	5B734	CATER	450352	5G1Z-7F401-AA	FORD	710699
596555C1	IH	370001A	599	ROCKW	471553 <sup>28</sup>	5B734	CATER	472164 <sup>28</sup>	5H0033	CATER	415001N
596555C1	NAVST	380001A	599086	CHRY	470403	5B9332	CATER	450316	5H110	BORGW	8160S
596556C1	IH	370121A	599086	CHRY	470774 <sup>28</sup>	5B9332	CATER	472636 <sup>28</sup>	5H1190	CATER	471466 <sup>28</sup>
5965R	JN-MN	472144 <sup>28,29</sup>	5991LA	JN-MN	417532 <sup>29</sup>	5C34-1175-AA	FORD	710701	5H2184	CATER	472705 <sup>28</sup>
5966	C-R	471558 <sup>29</sup>	5991LUP	JN-MN	417532	5C34-1175-BA	FORD	710701	5H2E6700AA	FORD	3774
5966	SKF	471558	5992SH	JN-MN	350954	5C34-1175GA	FORD	710454	5H2E6701CA	FORD	3393
59660	TROS	7581H	5992SH	JN-MN	470954 <sup>28</sup>	5C34-1S175GA	FORD	710454	5H2E6701CB	FORD	3393
596600C91	NAVST	100263	5992SS	JN-MN	470954 <sup>28,29</sup>	5C34-3254-AA	FORD	710685	5H2Z-6700-AA	FORD	3774
596602C91	IH	473274N	5993SS	JN-MN	450400	5C34-4676AA	FORD	710577	5H3789	CATER	450352
596602C91	NAVST	4561V	599463	CHRY	471829	5C3Z-1S175-A	FORD	710701	5H3789	CATER	472164 <sup>28</sup>
59660S	TROS	7581H	59959D	IH	416556 <sup>28</sup>	5C3Z-1S175-AA	FORD	710701	5H3792	CATER	411376 <sup>28</sup>
596623	ACF	413246	59959D	IH	472157	5C3Z-1S175GA	FORD	710454	5H3792	CATER	455093
596623	ACF	413246N	5995SH	JN-MN	471532 <sup>29</sup>	5C3Z-3254-A	FORD	710685	5H4742	CATER	470380 <sup>28</sup>
596-D2-11	REO	370007A	5997027	AMC	481837	5C3Z-3254-AA	FORD	710685	5H4856	CATER	240736
596-D2-13	REO	370007A	5997027	AMGEN	481837	5C3Z-3254-B	FORD	710685	5H4894	CATER	456865N
596-D2-14	REO	370007A	599957	GE	471255 <sup>28</sup>	5C3Z-4676-AA	FORD	710577	5H5021	CATER	471689 <sup>28</sup>
596-D2-15	REO	370007A	59997	C-R	39807	5CM2023	OLIVE	200354	5H5241	CATER	471554 <sup>28</sup>
596-D2-2	REO	370001A	59997	SKF	39807	5D0505	CATER	455566	5H572	CATER	472397 <sup>28</sup>
596-D238	REO	370007A	59999	C-R	2297V <sup>28</sup>	5D2796	CATER	470328	5H5879	CATER	416011
596-D2-39	REO	370057A	59999	SKF	2297V	5D2796	CATER	481213 <sup>28</sup>	5H5879	CATER	417621 <sup>28</sup>
596-D2-4	REO	370001A	599D6	WHITE	6635S	5D505	CATER	455566	5H6012	CATER	470163
596-D2-40	REO	370057A	59N1617	WGEAR	415991	5D6767	CATER	417247 <sup>28</sup>	5H6012	CATER	471766 <sup>28</sup>
596-D2-45	REO	370057A	59N1617	WGEAR	455146 <sup>28</sup>	5DAP-7B498-AA	FORD	7929S	5H6012	TMTR	470163
596-D2-50	REO	370001A	5A174A	FAIRB	450067	5F0549	CATER	411394 <sup>28</sup>	5H6012	TMTR	471766 <sup>28</sup>
596-D2-6	REO	370001A	5A174A	FAIRB	473228	5F0549	CATER	450317	5H6012	WESTR	470163
596D6	WHITE	5408	5A374A	FAIRB	450301	5F110	BORGW	410308 <sup>28</sup>	5H6012	WESTR	471766 <sup>28</sup>
5970	NATL	203034	5A374A	FAIRB	472397 <sup>28</sup>	5F110	BORGW	450308	5H6136	CATER	7840S
59701	TROS	5092	5A43	WHITE	471231 <sup>28</sup>	5F1220	CATER	416476 <sup>28</sup>	5H7628	CATER	470027
59702	TROS	5072	5A474A	FAIRB	411376 <sup>28</sup>	5F1220	CATER	455075	5H7628	CATER	471554 <sup>28</sup>
597138	ACF	416865 <sup>28</sup>	5A474A	FAIRB	455093	5F2422	CATER	470163	5H9753	CATER	450076
597147C1	IH	477163N	5A530	CATER	415023	5F2422	CATER	471766 <sup>28</sup>	5H9753	CATER	470334 <sup>28</sup>
597324C1	IH	416364 <sup>28</sup>	5A574A	FAIRB	417316 <sup>28</sup>	5F2463	CATER	455117	5HZE-6700-AA	FORD	3774
5973LA	JN-MN	415072 <sup>29</sup>	5A574A	FAIRB	455004	5F3178	CATER	415025	5J3868	CATER	415437
597546R91	IH	7186S	5A809	CATER	471570 <sup>28</sup>	5F4258	CATER	470163	5J3937	CATER	40433S
59760S	TROS	335924N	5A810	CATER	471281 <sup>28</sup>	5F4258	CATER	471766 <sup>28</sup>	5J3942	CATER	447060
597621C1	IH	450519	5A874A	FAIRB	470163	5F4258	WESTR	40652S	5J3944	CATER	417596
597621C1	IH	471271 <sup>28</sup>	5A874A	FAIRB	471766 <sup>28</sup>	5F4624	CATER	410312N	5J8225	CATER	710041
5976S	TIMKE	5976S	5AL1041	OLIVE	204035	5F5422	CATER	470163	5J964	CATER	710034
597702R91	CASE	5027	5AL1041	WHITE	204035	5F5422	CATER	471766 <sup>28</sup>	5J9969	CATER	415281N
5978LA	JN-MN	415196 <sup>28</sup>	5AL1511	OLIVE	6590S	5F549	CATER	411394 <sup>28</sup>	5K0658	CATER	417316 <sup>28</sup>
597OF60	FRUEH	203034	5AL1514	OLIVE	470059	5F549	CATER	450317	5K0983	CATER	417210 <sup>28</sup>
598	HYST	470059	5AL1514	OLIVE	470380 <sup>28</sup>	5F5797	CATER	450183	5K2595	CATER	415995 <sup>28</sup>
598	HYST	470380 <sup>28</sup>	5AL4950	OLIVE	340815	5F5797	CATER	472179	5K2595	CATER	455013
5980LA	JN-MN	415128	5B0653	CATER	416666	5F5798	CATER	450307	5K658	CATER	417316 <sup>28</sup>
5983LA	JN-MN	472287 <sup>28</sup>	5B0760	CATER	471747 <sup>28</sup>	5F7730	CATER	417546 <sup>28</sup>	5K658	CATER	455004
5984	EATON	417181 <sup>28</sup>	5B0760	CATER	472674	5F7731	CATER	415072	5K983	CATER	417210 <sup>28</sup>
5984	FULLE	417181 <sup>28</sup>	5B1224	CATER	450069	5F93-7F447-AC	FORD	710967	5L14-4C046AA	FORD	100537
598462	CHRY	455336	5B1224	CATER	473232	5F93-7F447-DA	FORD	710967	5L1Z4A109A	FORD	100537
5984LA	JN-MN	471579	5B1395	CATER	415196 <sup>28</sup>	5F9Z-1177-H	FORD	710967	5L24-3N296AA	FORD	714675
5984LPD	JN-MN	471579	5B2169	CATER	471785 <sup>28</sup>	5F9Z-7F401-AA	FORD	710801	5L24-3N296AB	FORD	714675
5986LA	JN-MN	471689 <sup>28</sup>	5B2963	CATER	450316	5F9Z-7F447-DA	FORD	710967	5L24-4B416BA	FORD	100537
598794	CHRY	411253 <sup>28</sup>	5B2963	CATER	472636 <sup>28</sup>	5G110	BORGW	473463	5L2W-4B416AA	FORD	100537
598794	CHRY	450099	5B505	CATER	455566	5G13-7J216-AA	FORD	710738	5L2Z-4B416BA	FORD	100537
5987LA	JN-MN	472843	5B5591	STERL	415458 <sup>28</sup>	5G13-7N853-AA	FORD	710699	5L2Z-4L616AA	FORD	714675
59881C1	IH	417366 <sup>28</sup>	5B5591	STERL	455003	5G13-J216-BA	FORD	710737	5L2Z-4L616AB	FORD	714675
5988LA	JN-MN	450090	5B6129	CATER	471785 <sup>28</sup>	5G1Z-1177-A	FORD	710738	5L3W-1177AA	FORD	100357
598.993	ELRNG	223005	5B6365	CATER	450173	5G1Z-1177-AA	FORD	710738	5L3W-1177-AB	FORD	100357
599	MERIX	450025	5B653	CATER	416666	5G1Z-1177-B	FORD	710737	5L3W-1S177AB	FORD	100357
599	MERIX	471553 <sup>28</sup>	5B7017	CATER	410694 <sup>28</sup>	5G1Z-1177-BA	FORD	710737	5L3Z-1S177AA	FORD	100357

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
5L3Z-1S177AB	FORD	100357	5P1502	LETN	470045	5X328	STERL	5M466	6003117	CLARK	415196 <sup>28</sup>
5L4757	CATER	415146 <sup>28</sup>	5P1502	LETN	476838 <sup>28</sup>	5X7501	CATER	415116	60033	VIC	474277
5L4757	CATER	415991	5P1555	ADAMS	455008	5X9263	CATER	471760	60041	VIC	470004 <sup>28</sup>
5L4776	CATER	450519	5P1713	CATER	482576N	5Y158	FED	5408	600418	C-R	417534
5L4776	CATER	471271 <sup>28</sup>	5P1788	ADAMS	450082	5Y203	FED	5401	600418	SKF	417534
5L74-7052-AA	FORD	710487	5P1788	ADAMS	473238	5Y204	FED	5403	600421	CHRY	470064
5L74-7052-BA	FORD	710486	5P1788	LETN	450082	600	UNIVE	415072 <sup>29</sup>	600421	CHRY	471821 <sup>28</sup>
5L74-7A248-AA	FORD	710484	5P1788	LETN	473238	60000	C-R	2297V <sup>28</sup>	600428	MINMA	416167 <sup>28</sup>
5L74-7B498-AA	FORD	710780	5P3262	CATER	472572 <sup>28</sup>	60000	C-R	39807	600428	MINMA	455091
5L74-7F273-AA	FORD	710487	5P3412	CATER	450161	60000	SKF	2297V	600430	CLARK	417539 <sup>28</sup>
5L7Z-7052-AA	FORD	710487	5P3412	CATER	471764 <sup>28</sup>	60000	SKF	39807	600430	MINMA	417539 <sup>28</sup>
5L7Z-7052-BA	FORD	710486	5P4251	CATER	456919V	6000029	GW	473228 <sup>28</sup>	6004404	TROS	45637S
5L7Z-7A248-AA	FORD	710484	5P4258	CATER	415458V	60001	VIC	350364	60044808	TROS	200642
5L7Z-7B498-AA	FORD	710780	5P5299	CATER	417172	600016	WAYNE	473227 <sup>28</sup>	60045609	TROS	416167 <sup>28</sup>
5L7Z-7F273-AA	FORD	710487	5P547	CATER	471442 <sup>28</sup>	600017	WAYNE	471224 <sup>28</sup>	60045610	TROS	416167 <sup>28</sup>
5L83-4B416AA	FORD	710429	5P6780	CATER	473416	60003LDS	JN-MN	417507	60046010	TROS	417539 <sup>28</sup>
5L84-7048-AA	FORD	710119	5P6859	CATER	7188S	60004	C-R	417365	60-04617	B-L-H	415035 <sup>28</sup>
5L8925	CATER	410163	5P6868	CATER	415196 <sup>28</sup>	60004	SKF	417365	60-04617	B-L-H	455035
5L8925	CATER	471766 <sup>28</sup>	5P7003	CATER	417603 <sup>28</sup>	60006	C-R	415683	60050013	TROS	415725 <sup>28</sup>
5L8Z-4B416AA	FORD	710429	5P7032	CATER	3894V	60006	SKF	415683	600-501-317A	VW	370047A
5L8Z-7048-AA	FORD	710119	5P713	CATER	417350 <sup>28</sup>	600067281	LUF	473463	60051	VIC	471442 <sup>28</sup>
5LT1520	MINNM	55563	5P713	CATER	455479	600069	ACF	470120	600510	ACF	450185
5LT1520	OLIVE	55563	5P7608	CATER	415147	600069	ACF	471224 <sup>28</sup>	600510	ACF	473229
5LT1534	OLIVE	470169	5P7608	CATER	415449 <sup>28</sup>	60-0094	BORGW	470120	600511	ACF	471785 <sup>28</sup>
5LT1534	OLIVE	473214 <sup>28</sup>	5P769	ADAMS	415001 <sup>28</sup>	60-0094	BORGW	471224 <sup>28</sup>	600512	ACF	472826 <sup>28</sup>
5LT1547	OLIVE	471870 <sup>28</sup>	5P769	ADAMS	455001	60010	VIC	471103 <sup>28</sup>	600513	ACF	450291
5LT1547	OLIVE	471883	5P796	CATER	330699	60010	VIC	50197S	600513	ACF	471141 <sup>28</sup>
5M0278	CATER	415086N	5P8216	CATER	7188S	60013	VIC	471579	6005189	CLARK	415645 <sup>28</sup>
5M0278	CATER	417487 <sup>28</sup>	5P854	ADAMS	450076	6001465	CLARK	415725 <sup>28</sup>	6005189	CLARK	455104
5M278	CATER	415086N	5P854	ADAMS	470334 <sup>28</sup>	60015LDS	JN-MN	417556	6005191	CLARK	416888 <sup>28</sup>
5M278	CATER	417487 <sup>28</sup>	5P9294	CATER	471442	60016	C-R	415072 <sup>29</sup>	6005191	CLARK	455200
5M9734	CATER	470219	5P9440	CATER	470895	60016	SKF	415072	6005197	CLARK	416229
5M9734	CATER	471649 <sup>28</sup>	5R2218	CATER	240698	6001904	CLARK	472924 <sup>28</sup>	60052	VIC	471526 <sup>28</sup>
5M9735	CATER	471787 <sup>28</sup>	5R3W-1177AB	FORD	8835S	600197	DENCO	410316	6005418	CLARK	416239 <sup>28</sup>
5M9736	CATER	472287 <sup>28</sup>	5R3W-1177-AC	FORD	8835S	600197	DENCO	472636 <sup>28</sup>	6005432	CLARK	340413
5M9737	CATER	450185	5R3Z-1S177AA	FORD	8835S	6001LA	JN-MN	470358	6005435	CLARK	415072
5M9737	CATER	473229	5S2106	CATER	472653	6001LA	JN-MN	473231	6005439	CLARK	340927
5M9738	CATER	450352	5S43-2B294-AA	FORD	100944	6002061	CLARK	415294 <sup>28</sup>	6005507	CLARK	415551
5M9738	CATER	472164 <sup>28</sup>	5S43-2B384-AA	FORD	100944	6002061	CLARK	455294	6005552	CLARK	340356
5M9739	CATER	450094	5S43-2B384-AA	FORD	8660S	6002077	CLARK	416865 <sup>28</sup>	6005616	CLARK	415036
5M9739	CATER	473462	5S4408	CATER	415007 <sup>29</sup>	6002085	CLARK	455129	60057	VIC	471472 <sup>28</sup>
5M9740	CATER	411253 <sup>28</sup>	5S4Z-2B384-AA	FORD	100944	6002098	CLARK	417606	6005838	CLARK	417020
5M9740	CATER	450099	5S6296	CATER	3813	6002105	CLARK	416476 <sup>28</sup>	6005839	CLARK	415001 <sup>28</sup>
5N4779	CATER	470605 <sup>28</sup>	5S6620	CATER	482230N	6002105	CLARK	455075	6005839	CLARK	455001
5NH20	GEM	471689 <sup>28</sup>	5S6622	CATER	482230N	6002155	CLARK	455195	6005841	CLARK	455584
5NH20	ROSS	471689 <sup>28</sup>	5S9022	CATER	2628 <sup>28</sup>	6002155	CLARK	472157 <sup>28</sup>	6005842	CLARK	417273
5P0547	CATER	471442V	5S9022	FPDSL	2628	600231	CHRY	450291	6005844	CLARK	416666
5P0711	CATER	471526 <sup>28</sup>	5T1012	HU-WR	473016 <sup>28</sup>	600231	CHRY	471141 <sup>28</sup>	60060	VIC	471549 <sup>28</sup>
5P0713	CATER	455479V	5T1013	HU-WR	455195	60024	DURA	473236 <sup>28</sup>	600604	DENCO	470169
5P0796	CATER	330699	5T1013	HU-WR	472157 <sup>28</sup>	6002436	CLARK	415124	600604	DENCO	473214 <sup>28</sup>
5P1072	CATER	493524	5T1014	HU-WR	472439	6002437	CLARK	417567	6006286	CLARK	416077
5P1412	LETN	471750 <sup>28</sup>	5T1015	HU-WR	417191	60025LDS	JN-MN	473243	6006365	CLARK	340787
5P1415	ADAMS	471750 <sup>28</sup>	5T1220	HU-WR	416047	60026LDS	JN-MN	473235 <sup>28</sup>	60067	VIC	471530
5P1415	WABCO	471750 <sup>28</sup>	5T1220	HU-WR	416332 <sup>28</sup>	6002724	CLARK	455462	600750	MICH	415072 <sup>29</sup>
5P1435	ADAMS	450085	5T1225	HU-WR	415196 <sup>28</sup>	6002730	CLARK	470605 <sup>28</sup>	600750	UNIVE	415072 <sup>29</sup>
5P1435	ADAMS	470530 <sup>28</sup>	5T1228	HU-WR	415074	60028	C-R	415072 <sup>29</sup>	60076	VIC	472705 <sup>28</sup>
5P1436	ADAMS	473215 <sup>28</sup>	5T62	BORGW	6879H	60028	SKF	415072	60078	VIC	471281 <sup>28</sup>
5P1436	WABCO	473215 <sup>28</sup>	5-X328	KEN	5M466	6002LA	JN-MN	415991	60079	VIC	471281 <sup>28</sup>
5P1502	ADAMS	470045	5-X328	MERIX	5M466	6002LA	JN-MN	455146 <sup>28</sup>	6007LA	JN-MN	471760 <sup>29</sup>
5P1502	ADAMS	476838 <sup>28</sup>	5-X328	ROCKW	5M466	60030	VIC	6863S <sup>28</sup>	6007LUP	JN-MN	471760

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
60080	VIC	471535 <sup>28</sup>	60172	VIC	473412	60294	VIC	450342	60349	VIC	471765 <sup>28</sup>
60082	VIC	471551 <sup>28</sup>	601748	DENCO	417247 <sup>28</sup>	60295	VIC	471762 <sup>28</sup>	60353	VIC	471354 <sup>28</sup>
60087	VIC	471532	601758	CLARK	472179	60296	VIC	471762 <sup>28</sup>	60357	VIC	473205
60089	VIC	473405	60177	VIC	473413	602960	LAWN	240733	60358	BORGW	472287 <sup>28</sup>
6008R	JN-MN	471737 <sup>29</sup>	60179	VIC	473414	602960	O-M	240733	60359	VIC	470347
60091	VIC	471558	6017SS	JN-MN	40494S	603	DEXTR	J1122	60359	VIC	474254
60096	VIC	471466 <sup>28</sup>	6018	HYST	417492	603000	ALLCH	455008	60373	VIC	450173
600988	CATER	455019 <sup>28</sup>	60183	VIC	473415	603001	ALLCH	470027	60382	OLIVE	450083
600A40010	TROS	417509	601872	ALLCH	471733	603001	ALLCH	471554 <sup>28</sup>	60382	OLIVE	472924 <sup>28</sup>
600A44810	TROS	417247 <sup>28</sup>	60192	VIC	471267 <sup>28</sup>	603002	ALLCH	470045	60382	VIC	474278 <sup>28</sup>
60101	VIC	471255 <sup>28</sup>	601927	DENCO	473237 <sup>28</sup>	603002	ALLCH	476838 <sup>28</sup>	60382	VIC	480356
60101S	TROS	370015A	60193	VIC	471267 <sup>28</sup>	603003	ALLCH	471750 <sup>28</sup>	60386	VIC	471750 <sup>28</sup>
60102S	TROS	7537S	60196	VIC	471570 <sup>28</sup>	603006	ALLCH	470120	60388	AM HO	470163
60103	TROS	5113	60199	VIC	471633 <sup>28</sup>	603006	ALLCH	471224 <sup>28</sup>	60388	AM HO	471766 <sup>28</sup>
601032	SPERY	415991 <sup>28</sup>	602	UNIVE	457874	603007	ALLCH	471795	60388	CARVR	470163
601032	SPERY	415991N	60200	VIC	471646 <sup>28</sup>	6030076	ALLCH	471795	60388	CARVR	471766 <sup>28</sup>
601033	CATER	417509	60201S	TROS	5573	603008	ALLCH	471763	60388	VIC	470163
601033	SPERY	455134 <sup>28</sup>	60202	VIC	470590	603009	ALLCH	471570 <sup>28</sup>	60388	VIC	471766 <sup>28</sup>
601034	SPERY	417349 <sup>28</sup>	60203	TROS	2055	60301	VIC	450044	60390	VIC	471787 <sup>28</sup>
60104	TROS	8243	60204	VIC	471137	603010	ALLCH	470219	603914	ACF	40140S
60104403	AUBUR	417698	60217	VIC	450038	603010	ALLCH	471649 <sup>28</sup>	60392	VIC	471787 <sup>28</sup>
60105	TROS	205044	60220	TROS	451182	60301S	TROS	370021A	603932C91	IH	417196 <sup>28</sup>
60106	TROS	8976S	60222	VIC	471571	60309	VIC	450159	603933C91	IH	416921 <sup>28</sup>
60106	VIC	481073	60224	VIC	471647	60310	BORGW	471267 <sup>28</sup>	603933C91	IH	455011
60107	TROS	370018A	60226	VIC	472951	603101	LAWN	350567	60394	VIC	450177
60109	VIC	471538 <sup>28,29</sup>	60226	VIC	474252	603101	LAWN	471267 <sup>28</sup>	60395	VIC	471795
601093	O-M	340495	60228	VIC	450039	603101	O-M	350567	60396	VIC	471795
60111	COC	450025	60233	VIC	451583 <sup>28</sup>	603101	O-M	471267 <sup>28</sup>	60398	VIC	471801 <sup>28</sup>
60111	COC	471553 <sup>28</sup>	60235	VIC	471648	60314	VIC	472560N <sup>28</sup>	603VB7	MARI	415072
60111	VIC	450025	60237	VIC	471688	60314	VIC	50151S	604	UNIVE	417562
60111	VIC	471553 <sup>28</sup>	602376	ALLCH	473437	603158	GMC	6936S	6040100114	MERCE	710812
60113	VIC	471579	60239	VIC	450040	60318	COC	470045	60403	VIC	470050 <sup>29</sup>
60117	CATER	471529	60242	VIC	350414	60318	COC	476838 <sup>28</sup>	60405	VIC	473424 <sup>28</sup>
60120	TROS	7994S	60242	VIC	472311 <sup>28</sup>	60318	VIC	470045	604058	JEFF	470059
60128	VIC	480821 <sup>28</sup>	60245	VIC	471224 <sup>28</sup>	60318	VIC	476838 <sup>28</sup>	604058	JEFF	470380 <sup>28</sup>
60132	ALLCH	415146 <sup>28</sup>	602463	ACF	471103 <sup>28</sup>	60319	VIC	350974 <sup>28</sup>	604066	WHELA	450194
60132	ALLCH	415991	602463	ACF	50197S	60320	VIC	470712 <sup>28</sup>	604066	WHELA	473010
60135	VIC	470027	60247	VIC	470219	60322	VIC	471747 <sup>28</sup>	6040LUP	JN-MN	417493
60135	VIC	471554 <sup>28</sup>	60247	VIC	471649 <sup>28</sup>	60322	VIC	472674	6041LA	JN-MN	416654 <sup>28</sup>
601356F	OLIVE	470403	60250	VIC	471689 <sup>28</sup>	603226	ACF	350414	6041LA	JN-MN	455012
601356F	OLIVE	470774 <sup>28</sup>	60252	VIC	450593 <sup>28</sup>	603226	ACF	472311 <sup>28</sup>	60420	TROS	7457N
60137	VIC	471567 <sup>28</sup>	60254	VIC	471733	603235	LAWN	340771	60421	GMC	481644
60139	VIC	471498 <sup>29</sup>	60254D	IH	411394 <sup>28</sup>	603235	O-M	340771	60421	VIC	472826 <sup>28</sup>
6013SS	JN-MN	473473	60254D	IH	450317	60324	VIC	471763	60-42213	B-L-H	471231 <sup>28</sup>
60140	TROS	41257 <sup>28</sup>	60256	VIC	471744 <sup>28</sup>	60325	VIC	472644	60423	VIC	473421
60142	VIC	471684 <sup>28</sup>	60258	GWI	471760	60326	VIC	471785 <sup>28</sup>	60425	VIC	473211 <sup>28</sup>
60142	VIC	471698	60258	VIC	471760 <sup>29</sup>	603289	LAWN	340495	60427	VIC	473212 <sup>28</sup>
60149	VIC	481443 <sup>28</sup>	60260	VIC	471760	603289	O-M	340495	60429	VIC	40769S
60151	VIC	481568 <sup>28</sup>	602632	LAWN	340483	60329	VIC	450044 <sup>29</sup>	6042SS	JN-MN	415303 <sup>28</sup>
60153	VIC	481644	602632	O-M	340483	603290	LAWN	340815	60431	VIC	473213 <sup>28</sup>
60157	VIC	474273	60267	VIC	481650	603290	O-M	340815	60432	BORGW	450185
60162	VIC	471231 <sup>28</sup>	60282	VIC	480210 <sup>28</sup>	60331	VIC	473428 <sup>29</sup>	60432	BORGW	473229
60166	VIC	450030	60284	VIC	471651	60333	VIC	450161	6043300025	MERCE	710467
60166	VIC	474253	60285	VIC	470606 <sup>28</sup>	60333	VIC	471764 <sup>28</sup>	60434	OLIVE	470059
60168	VIC	471645	60286	VIC	471705 <sup>28</sup>	60335	VIC	473427	60434	OLIVE	470380 <sup>28</sup>
601684	DENCO	416664 <sup>28</sup>	602862	DENCO	471570 <sup>28</sup>	60340	VIC	483054N	60435	BORGW	472439
601684	DENCO	455364	60288	VIC	450043	6034305	FORD	3393	60436	VIC	473435
601686	DENCO	416664 <sup>28</sup>	60288	VIC	473419	60346	VIC	472475	604372	ALLCH	470163
601686	DENCO	455364	6028LA	JN-MN	471231 <sup>28</sup>	603462	ALLCH	473016 <sup>28</sup>	604372	ALLCH	471766 <sup>28</sup>
60170	VIC	471686	60290	VIC	471735	60347	VIC	473426 <sup>29</sup>	60438	VIC	473436

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
60438D	IH	473245 <sup>28</sup>	60465	VIC	473197	60522	TROS	480210 <sup>28</sup>	605898	MERIX	471224 <sup>28</sup>
6043LA	JN-MN	415303 <sup>28</sup>	60476	VIC	473224 <sup>28</sup>	605249	ALLCH	450352	605898	ROCKW	471224 <sup>28</sup>
60440	TROS	8516N	604762	UNIVE	457874	605249	ALLCH	472164 <sup>28</sup>	605D6	WHITE	5401
604404	AUBUR	417278	604763	MICH	457874	60524D	IH	411394 <sup>28</sup>	605VB7	MARI	417596
604409	AUBUR	415196	60478	AM HO	473016 <sup>28</sup>	60524D	IH	450317	606	UNIVE	417563
604415	AUBUR	415937	60478	VIC	473016 <sup>28</sup>	60530	VIC	472299 <sup>29</sup>	60603	BL-KN	450154
604418	AUBUR	473464	60480	VIC	473225 <sup>28</sup>	60531	VIC	472299	60603	BL-KN	473234
60442	VIC	450054	60484	AM HO	470062	60532	VIC	470064	60603	VIC	450154
604420	VICK	203012	60484	AM HO	474264	60532	VIC	471821 <sup>28</sup>	60603	VIC	473234
604425	AUBUR	415995	60484	VIC	470062	60534	VIC	8160S	606034C91	IH	417267
604427	AUBUR	415351	60484	VIC	474264	60536	VIC	450185	60605	VIC	473235 <sup>28</sup>
604436	AUBUR	417495	60485	VIC	471862	60536	VIC	473229	60607	VIC	470074
604439	ALLCH	473228 <sup>28</sup>	60489	VIC	473438	60537	VIC	450143	60607	VIC	474265
604468	CUSH	471267 <sup>28</sup>	6048R	JN-MN	472150	60538	VIC	470682	606072C91	IH	417267
604468	O-M	471267 <sup>28</sup>	60492	GRAY	455018	60539	VIC	471316	60608	VIC	450765 <sup>28</sup>
604471	CUSH	471466 <sup>28</sup>	60492	GRAY	476470	6053B	JN-MN	450133 <sup>29</sup>	60609	AM HO	473236 <sup>28</sup>
604471	LAWN	471466 <sup>28</sup>	60493	GRAY	416339	60540	VIC	471316	60609	VIC	473236 <sup>28</sup>
604471	O-M	471466 <sup>28</sup>	60493	GRAY	455031 <sup>28</sup>	60540S	TROS	474260	6061084	WHITE	471272 <sup>28</sup>
604479	ALLCH	417351 <sup>28</sup>	60493	VIC	473439 <sup>28</sup>	60541	VIC	450803 <sup>29</sup>	606147	ALLCH	442380
60449	VIC	5872S	60494	VIC	474276 <sup>28</sup>	60541R	TROS	331228H	60615	VIC	473446
6044B	JN-MN	471529	60497	VIC	453065	60542	VIC	473441	60617	VIC	470086
60450	VIC	470774 <sup>28</sup>	604973	ALLCH	416888 <sup>28</sup>	60543	VIC	473442 <sup>28</sup>	606185C91	IH	416107 <sup>28</sup>
60451	VIC	470403	604973	ALLCH	455200	60549	VIC	450065	606185C91	IH	455073
60451	VIC	470774 <sup>28</sup>	604973	MERIX	416888 <sup>28</sup>	60551	VIC	482253	60620	C-R	710083
60452	VIC	472287 <sup>28</sup>	604973	MERIX	455200	60553	VIC	451469	60620	SKF	710083
60454	IH	471192	604973	ROCKW	416888 <sup>28</sup>	60555	VIC	450274	60620	VIC	50327 <sup>29</sup>
60454	VIC	471192	604973	ROCKW	455200	605582A	WHITE	455197N	60620S	TROS	7486S
60454D	IH	471192	60498	VIC	470548	60562	VIC	470358	60622	C-R	710052
604557	ALLCH	450067	60498	VIC	470625 <sup>28</sup>	60562	VIC	473231	60622	SKF	710052
604557	ALLCH	473228	604986	ALLCH	415458 <sup>28</sup>	60564	VIC	450066	60622	VIC	450068
60456	VIC	470169	604986	ALLCH	455003	60564	VIC	473367 <sup>28</sup>	606237C91	IH	410119
60456	VIC	473214	6049C	DIA	370036A	60567607	ALFAR	716484	606237C91	IH	471442 <sup>28</sup>
60458	VIC	473215 <sup>28</sup>	604A42410	TROS	370030A	60568	VIC	450194	60624D	IH	418029 <sup>28</sup>
60459	VIC	473215 <sup>28</sup>	60500	CLARK	470059	60568	VIC	473010	60624D	IH	455499
60462	VIC	470950 <sup>28</sup>	60500	CLARK	470380 <sup>28</sup>	605686	GMC	471231 <sup>28</sup>	60625D	IH	455500
60462	VIC	6241S	60500	VIC	470059	6056LA	JN-MN	450194	606293R92	IH	411245 <sup>28</sup>
60463	VIC	450444	60500	VIC	470380 <sup>28</sup>	6056LA	JN-MN	473010	606293R92	IH	455096
60463	VIC	471835 <sup>28</sup>	6050-101-2	TRMBL	370025A	6056LUP	JN-MN	450194	60632	VIC	50081
60-463-10-1X	SPICE	39925	60501550	ALFAR	1174	6056LUP	JN-MN	473010	60635	VIC	450400 <sup>29</sup>
604634	SPICE	415004	60501947	ALFAR	1174	60570	VIC	450069	60638	VIC	450352
604634	SPICE	417316 <sup>28</sup>	60502526	ALFAR	223520	60570	VIC	473232	60638	VIC	472164 <sup>28</sup>
604634-1	SPICE	415004	60502S	TROS	471341 <sup>28</sup>	60570617	ALFAR	710415	6064	SEAMA	450316
604634-1	SPICE	417316 <sup>28</sup>	60504	VIC	471820	60572	VIC	481864	6064	SEAMA	472636 <sup>28</sup>
604634-2	SPICE	415004	60506	VIC	450067	60574	AM HO	474274	6064	TIMKE	6064
604634-2	SPICE	417316 <sup>28</sup>	60506	VIC	473228	60574	VIC	474274	60640	VIC	450352
604634-3	SPICE	415004	60507107	ALFAR	223520 <sup>28</sup>	6057LA	JN-MN	450194	60640	VIC	472164 <sup>28</sup>
604634-3	SPICE	417316 <sup>28</sup>	60507285	ALFAR	716484	6057LA	JN-MN	473010	60640S	TROS	3095
604635	SPICE	415013	605093	ALLCH	450311	60580	VIC	450078	60641	VIC	472185 <sup>28</sup>
604635	SPICE	415995 <sup>28</sup>	60510	VIC	410190	60580	VIC	473444	60642	VIC	450361
604636	SPICE	100495	60511	VIC	450461	60581	VIC	414268 <sup>28</sup>	60642	VIC	472193 <sup>28</sup>
604636	SPICE	415281N	60511	VIC	473440	60581	VIC	450539	60643	VIC	450070
604636-1	SPICE	100495	60512	VIC	470077	605816	GMC	473215 <sup>28</sup>	60643	VIC	472185 <sup>28</sup>
604636-1	SPICE	415281N	60512	VIC	474281 <sup>28</sup>	605823	GMC	450593 <sup>28</sup>	60644	VIC	450076
604637	SPICE	415013	605133	ALLCH	470682	60583	VIC	450335 <sup>29</sup>	60644	VIC	470334 <sup>28</sup>
604637	SPICE	415995 <sup>28</sup>	60515780	ALFAR	223520	605836	GMC	470120	60645	VIC	450076
604638	SPICE	415004V	60515781	ALFAR	223520	605836	GMC	471224 <sup>28</sup>	60645	VIC	470334 <sup>28</sup>
604638-1	SPICE	415004	60517110	ALFAR	228480	60584	VIC	450467	60646	VIC	450183
604638-1	SPICE	417316 <sup>28</sup>	6051B	JN-MN	450090 <sup>29</sup>	60585	VIC	450260	60646	VIC	472179
60464	VIC	450776 <sup>28</sup>	60520S	TROS	7399S <sup>28</sup>	60589	VIC	450073	606469R91	IH	200881
60465	VIC	472658	60521S	TROS	7495S	605898	ALLCH	471224 <sup>28</sup>	60648	VIC	473447

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
6064LA	JN-MN	417542	60725	VIC	472439	60787	VIC	450083	608508XX	TIMKE	60X85X8
60655	VIC	450291	60727	VIC	471868 <sup>29</sup>	60787	VIC	472924 <sup>28</sup>	60853	VIC	473471 <sup>29</sup>
60655	VIC	471141 <sup>28</sup>	60728	VIC	471868	6078801	FORD	3774	60856	VIC	470354
60656	VIC	450291	6072LA	JN-MN	455191	60790	VIC	450085	60858	VIC	473245 <sup>28</sup>
60656	VIC	471141 <sup>28</sup>	6072LUP	JN-MN	455191	60790	VIC	470530 <sup>28</sup>	608586	CLARK	450070
606568C91	IH	416557	60730	VIC	450117	60791	GRAY	472951	608586	CLARK	472185 <sup>28</sup>
606568C92	IH	416557	60730	VIC	472572 <sup>28</sup>	60791	GRAY	474252	6085LA	JN-MN	415066
60660	VIC	473313	60732	VIC	473179 <sup>28</sup>	60794	VIC	450301	6085LPD	JN-MN	415066
60663	VIC	470088 <sup>29</sup>	60734	VIC	414045 <sup>28</sup>	60794	VIC	472397 <sup>28</sup>	6086	PETTI	415988
606660C91	IH	415013	60735	VIC	473238 <sup>28</sup>	60796	VIC	473463 <sup>29</sup>	60861	VIC	412943 <sup>29</sup>
606660C91	IH	415995 <sup>28</sup>	60736	VIC	450082	60798	VIC	473242	60862	VIC	473471
606677C91	IH	470774 <sup>28</sup>	60736	VIC	473238	607A	BUTBN	40337S	60863	VIC	450441
60668	VIC	6936S	6073LA	JN-MN	417487	607VB7	MARI	455121	60863	VIC	471341 <sup>28</sup>
60671	VIC	50266	6073LA	JN-MN	455014	608	UNIVE	416229	60864	VIC	410520
60673	VIC	450269	6073LUP	JN-MN	417487	60800	VIC	450095	60864	VIC	471272 <sup>28</sup>
60675	VIC	450285	6073LUP	JN-MN	455014	60800	VIC	473464 <sup>28</sup>	60866	VIC	473473
606750C91	IH	412119 <sup>28</sup>	60740	VIC	450084 <sup>28</sup>	608008XX	TIMKE	60X80X8	60867	VIC	410737 <sup>28</sup>
606751C91	IH	470163	60741	TROS	5095	60801	GRAY	473423	60867	VIC	450737
606751C91	IH	471766 <sup>28</sup>	60742	VIC	450298	60801282	ALFAR	223035	60868	VIC	450316
606752C91	IH	470163	60742	VIC	473239	60801S	TROS	8773S	60868	VIC	472636 <sup>28</sup>
606752C91	IH	471766 <sup>28</sup>	60744	VIC	473457 <sup>28</sup>	60802	VIC	410102	60868N	VIC	472636 <sup>28</sup>
606778C91	IH	417344 <sup>28</sup>	60745	VIC	473240 <sup>28,29</sup>	60807827	ALFAR	716484	6086LA	JN-MN	415090
606778C92	IH	417344 <sup>28</sup>	60746	VIC	473458 <sup>29</sup>	60807827	FIAT	716484	60870	VIC	411253 <sup>28</sup>
606778C93	IH	417344 <sup>28</sup>	60749	VIC	410524	60808	VIC	5877 <sup>29</sup>	60870	VIC	450099
6068	SEAMA	473016 <sup>28</sup>	607498	GMC	410312N	60810	VIC	2822V	60872	VIC	412920 <sup>28</sup>
60683	VIC	450089 <sup>29</sup>	607538	GMC	417316 <sup>28</sup>	60810	VIC	472012	60872	VIC	450132
60688	VIC	472070	607538	GMC	455004	60812	VIC	450307	608722	GMC	470120
606892C91	IH	416288 <sup>28</sup>	60755VTA	TRSCM	415072	60814	VIC	450311	608722	GMC	471224 <sup>28</sup>
60690	VIC	471866 <sup>28</sup>	607569	GMC	450085	60815	GRAY	450400	60873	VIC	455136
606908	ALLCH	471785 <sup>28</sup>	607569	GMC	470530 <sup>28</sup>	60816	VIC	416738 <sup>28</sup>	60875	VIC	411376 <sup>28</sup>
606910	ALLCH	450070	607589	GMC	415449 <sup>28</sup>	60816	VIC	450096	60875	VIC	455093
606910	ALLCH	472185 <sup>28</sup>	607589	GMC	455147	60817	VIC	416738 <sup>28</sup>	60877	VIC	415234 <sup>28</sup>
606911	ALLCH	470548	607590	CLARK	415147	60817	VIC	450096	608775	MICH	417562
606911	ALLCH	470625 <sup>28</sup>	607590	CLARK	415449 <sup>28</sup>	60819	VIC	450313	608775	UNIVE	417562
606912	ALLCH	417082	60766	VIC	471869	6081SS	JN-MN	410308 <sup>28</sup>	60879	VIC	55337
606914	ALLCH	412861	60766	VIC	473459	6081SS	JN-MN	473468	60883	VIC	411394 <sup>28</sup>
606917	ALLCH	415683	60767	VIC	472144 <sup>28</sup>	608207XX	TIMKE	60X82X7	60883	VIC	450317
606919	ALLCH	450067	607670	GMC	415449 <sup>28</sup>	60827	VIC	470898	608839	VICK	471224 <sup>28</sup>
606919	ALLCH	473228	607670	GMC	455147	60829	VIC	6879H	60885	VIC	411394 <sup>28</sup>
60692	VIC	450118	6076861	BENDI	471747 <sup>28</sup>	60833	VIC	450115	60885	VIC	450317
60692	VIC	473449	6076861	BENDI	472674	60833	VIC	473467	60887	VIC	410694 <sup>28</sup>
606920	ALLCH	416339	60771	VIC	472394	60834	VIC	472015 <sup>28</sup>	60889	VIC	416444
606920	ALLCH	455031 <sup>28</sup>	60773	VIC	473461 <sup>28</sup>	608343	GMC	471760	6088LA	JN-MN	471760
60698	VIC	473450	60773	VIC	65X85X10	60835	GRAY	471466 <sup>28</sup>	60893	VIC	413246
6069SS	JN-MN	472705 <sup>28</sup>	60775	VIC	471391 <sup>28</sup>	60835	VIC	472015 <sup>28</sup>	60893	VIC	413246N
606-D831	BENDI	415035 <sup>28</sup>	60777	VIC	450094	60837	VIC	410308 <sup>28</sup>	60894	VIC	412119 <sup>28</sup>
606-D831	BENDI	455035	60777	VIC	473462	60837	VIC	450308	60894	VIC	450101
606VB7	MARI	417562	60781	VIC	450446 <sup>29</sup>	60839	VIC	410312N	60895	VIC	410987 <sup>28</sup>
607	BUTBN	40337S	60782	JAE	450389	6084	NATL	353141 <sup>28</sup>	60895	VIC	450686
60700	VIC	450090 <sup>29</sup>	60782	JAE	472492 <sup>28</sup>	60841	VIC	450121	60896	VIC	410987 <sup>28</sup>
60708	VIC	473451 <sup>28</sup>	60782	MASSE	450389	60841	VIC	472409 <sup>28</sup>	60896	VIC	450103
60712	VIC	473452	60782	MASSE	472492 <sup>28</sup>	60843	VIC	473243	60897	VIC	416271 <sup>28,29</sup>
607143R91	IH	472164 <sup>28</sup>	60782	VIC	450389	60845	VIC	413469 <sup>28</sup>	60898	BU-SP	416271 <sup>28</sup>
607152R91	IH	473215 <sup>28</sup>	60782	VIC	472492 <sup>28</sup>	60845610	TROS	417267	60898	VIC	416271 <sup>28</sup>
607154R91	IH	473426	60786	VIC	450083	60845R91	IH	415147	608VB7	MARI	416229
60718	VIC	473453	60786	VIC	472924 <sup>28</sup>	60845R91	IH	415449 <sup>28</sup>	609008XX	TIMKE	60X90X8
6071LA	JN-MN	412119 <sup>28</sup>	607861R91	IH	471341 <sup>28</sup>	6084LA	JN-MN	470120	60901	TROS	470954 <sup>28</sup>
6071LA	JN-MN	450101	607862R91	IH	476838 <sup>28</sup>	6084LA	JN-MN	471224 <sup>28</sup>	60902	AM HO	411500
607208B	HARWA	60X72X8	60787	BL-KN	450083	6084LUP	JN-MN	470120	60902	VIC	411500 <sup>29</sup>
607208XX	TIMKE	60X72X8	60787	BL-KN	472924 <sup>28</sup>	6084LUP	JN-MN	471224 <sup>28</sup>	60903	AM HO	450104

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
60903	VIC	450104	60974	VIC	417134	60G123	GR-DV	40301S	60G227	GR-DV	473232 <sup>28</sup>
60905	AM HO	411245 <sup>28</sup>	60975	VIC	416921 <sup>28</sup>	60G124	GR-DV	455195	60G228	GR-DV	415088 <sup>28</sup>
60905	AM HO	455096	60975	VIC	455011	60G124	GR-DV	472157 <sup>28</sup>	60G228	GR-DV	455088
60905	VIC	411245 <sup>28</sup>	60979	VIC	416654 <sup>28</sup>	60G125	GR-DV	472810 <sup>28</sup>	60G229	GR-DV	450301
60905	VIC	455096	60979	VIC	455012	60G125199	GR-DV	415227 <sup>28</sup>	60G229	GR-DV	472397 <sup>28</sup>
60907	VIC	417073 <sup>29</sup>	60981	VIC	417486	60G125200	GR-DV	417298	60G23	GR-DV	473245 <sup>28</sup>
6090S	TIMKE	6090S	60986	VIC	415995 <sup>28</sup>	60G125201	GR-DV	415196 <sup>28</sup>	60G230	GR-DV	415147
60911	VIC	450519	60986	VIC	455013	60G125202	GR-DV	415090	60G230	GR-DV	415449 <sup>28</sup>
60911	VIC	471271 <sup>28</sup>	60987	VIC	415995 <sup>28</sup>	60G128	GR-DV	450111	60G236	GR-DV	471413 <sup>28</sup>
60913	VIC	410496 <sup>28</sup>	60987	VIC	455013	60G13	GR-DV	416666	60G238	GR-DV	455134 <sup>28</sup>
60914	VIC	470605 <sup>28,29</sup>	60988	VIC	415995 <sup>28</sup>	60G130	GR-DV	471760	60G239	GR-DV	473245 <sup>28</sup>
60918	VIC	415449 <sup>28</sup>	60988	VIC	455013	60G131	GR-DV	471652	60G24	GR-DV	471750 <sup>28</sup>
60918	VIC	455147	60991	VIC	417351 <sup>28</sup>	60G132	GR-DV	473224 <sup>28</sup>	60G242	GR-DV	415551
6091LA	JN-MN	416107 <sup>28</sup>	60991	VIC	455154	60G133	GR-DV	340771	60G244	GR-DV	417172
6091LA	JN-MN	455073	60993	VIC	417487	60G134	GR-DV	450457	60G246	GR-DV	470059
60920	VIC	415001 <sup>28</sup>	60993	VIC	455014	60G135	GR-DV	471801 <sup>28</sup>	60G246	GR-DV	470380 <sup>28</sup>
60920	VIC	455001	60996	VIC	415088 <sup>28</sup>	60G14	GR-DV	412119 <sup>28</sup>	60G247	GR-DV	470358
60922	VIC	416273 <sup>28</sup>	60996	VIC	455088	60G14	GR-DV	450101	60G247	GR-DV	473231
60925	VIC	415302	60997	VIC	455019 <sup>28</sup>	60G141	GR-DV	416239 <sup>28</sup>	60G25	GR-DV	457874
60926	VIC	455280	60998	AM WH	471760	60G142	GR-DV	417603 <sup>28</sup>	60G250	GR-DV	40140S
60927	VIC	415988	60998	VIC	415088 <sup>28</sup>	60G145	GR-DV	470328	60G251	GR-DV	415483 <sup>28</sup>
60928	VIC	411330N	60998	VIC	477163N	60G145	GR-DV	481213 <sup>28</sup>	60G251	GR-DV	455368
609289	WHELA	415072	609VB7	MARI	417298	60G15	GR-DV	417316 <sup>28</sup>	60G252	GR-DV	470334 <sup>28</sup>
60929	VIC	415483 <sup>28</sup>	60DD20	GR-DV	473230 <sup>28</sup>	60G15	GR-DV	455004	60G252	GR-DV	50289
60929	VIC	455368	60DD64	GR-DV	417254	60G150	GR-DV	455005	60G254	GR-DV	417316 <sup>28</sup>
6093	NATL	471442 <sup>28</sup>	60DD83	GR-DV	417172	60G151	GR-DV	415009	60G254	GR-DV	455004
60930	VIC	412871 <sup>28</sup>	60DD92	GR-DV	450298	60G151	GR-DV	415960 <sup>28</sup>	60G258	GR-DV	415984 <sup>28</sup>
60930	VIC	450329	60DD92	GR-DV	473239	60G152	GR-DV	472144 <sup>28</sup>	60G26	GR-DV	416865 <sup>28</sup>
60931	AM WH	450066	60G1	GR-DV	416921 <sup>28</sup>	60G155	GR-DV	415988	60G26	GR-DV	455070
60931	AM WH	473367 <sup>28</sup>	60G1	GR-DV	455011	60G157	GR-DV	417343 <sup>28</sup>	60G27	GR-DV	455018
60932	VIC	415458 <sup>28</sup>	60G10	GR-DV	415025	60G16	GR-DV	417269 <sup>28</sup>	60G27	GR-DV	476470
60932	VIC	455003	60G100	GR-DV	415034 <sup>28</sup>	60G162	GR-DV	476470	60G28	GR-DV	416476 <sup>28</sup>
60934	VIC	417343 <sup>28</sup>	60G100	GR-DV	455034	60G164	GR-DV	411253 <sup>28</sup>	60G28	GR-DV	455075
60935	GRAY	450457	60G103	GR-DV	415960	60G17	GR-DV	415645 <sup>28</sup>	60G29	GR-DV	415072
60936	VIC	415007	60G103	GR-DV	455009	60G17	GR-DV	455104	60G3	GR-DV	415458 <sup>28</sup>
6093SH	JN-MN	340009S	60G104	GR-DV	417487	60G171	GR-DV	415124	60G3	GR-DV	455003
6093SS	JN-MN	471466 <sup>28</sup>	60G104	GR-DV	455014	60G177	GR-DV	455129	60G30	GR-DV	416888 <sup>28</sup>
60943	VIC	455151	60G105	GR-DV	417487	60G18	GR-DV	470059	60G30	GR-DV	455200
60945	VIC	455008	60G105	GR-DV	455014	60G18	GR-DV	470380 <sup>28</sup>	60G31	GR-DV	416271 <sup>28</sup>
60949	VIC	416664 <sup>28</sup>	60G106	GR-DV	418029 <sup>28</sup>	60G186	GR-DV	415116	60G32	GR-DV	455018
60949	VIC	455364	60G106	GR-DV	455499	60G187	GR-DV	415219	60G32	GR-DV	476470
609508XX	TIMKE	60X95X8	60G107	GR-DV	415027 <sup>28</sup>	60G188	GR-DV	471442 <sup>28</sup>	60G33	GR-DV	417567
60952	VIC	415984 <sup>28</sup>	60G107	GR-DV	455027	60G19	GR-DV	416288 <sup>28</sup>	60G34	GR-DV	470059
60953	VIC	417316 <sup>28</sup>	60G108	GR-DV	471570 <sup>28</sup>	60G2	GR-DV	416339	60G34	GR-DV	470380 <sup>28</sup>
60953	VIC	455004	60G109	GR-DV	417546 <sup>28</sup>	60G2	GR-DV	455031 <sup>28</sup>	60G35	GR-DV	450301
60954	VIC	417316 <sup>28</sup>	60G11	GR-DV	416077	60G20	GR-DV	416229	60G35	GR-DV	472397 <sup>28</sup>
60954	VIC	455004	60G110	GR-DV	471466 <sup>28</sup>	60G203	GR-DV	415035	60G36	GR-DV	417211 <sup>28</sup>
60956	VIC	415960 <sup>28</sup>	60G111	GR-DV	474278 <sup>28</sup>	60G203	GR-DV	415953	60G38	GR-DV	473460
60956	VIC	455009	60G111	GR-DV	480356	60G21	GR-DV	415023	60G39	GR-DV	417191
60961	VIC	455005	60G112	GR-DV	470334 <sup>28</sup>	60G217	GR-DV	415088 <sup>28</sup>	60G4	GR-DV	415995 <sup>28</sup>
60963	VIC	417485	60G112	GR-DV	50289	60G217	GR-DV	455088	60G4	GR-DV	455013
609638A	WHITE	470898	60G113	GR-DV	470590	60G22	GR-DV	450183	60G40	GR-DV	411245 <sup>28</sup>
60964	VIC	2081	60G114	GR-DV	470163	60G22	GR-DV	472179	60G40	GR-DV	455096
60968	VIC	417344 <sup>28</sup>	60G114	GR-DV	471766 <sup>28</sup>	60G220	GR-DV	415023	60G41	GR-DV	415449 <sup>28</sup>
60968	VIC	455006	60G116	GR-DV	470334 <sup>28</sup>	60G221	GR-DV	455018	60G41	GR-DV	455147
6096LA	JN-MN	450316	60G118	GR-DV	415302	60G221	GR-DV	476470	60G42	GR-DV	450274
6096LA	JN-MN	472636 <sup>28</sup>	60G12	GR-DV	417298	60G222	GR-DV	416556 <sup>28</sup>	60G43	GR-DV	417602 <sup>28</sup>
60970	VIC	417158 <sup>28</sup>	60G120	GR-DV	471192	60G222	GR-DV	472157	60G44	GR-DV	417604
60970	VIC	455355	60G121	GR-DV	473205	60G224	GR-DV	417366 <sup>28</sup>	60G45	GR-DV	450183
60972	VIC	416921 <sup>28</sup>	60G122	GR-DV	40301S	60G226	GR-DV	472015 <sup>28</sup>	60G45	GR-DV	472179

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
60G46	GR-DV	470682	60G96	GR-DV	450301	61038	VIC	455137 <sup>28</sup>	61104S	TROS	331301N
60G47	GR-DV	471801 <sup>28</sup>	60G96	GR-DV	472397 <sup>28</sup>	61040	VIC	418028	61105	VIC	417355 <sup>28,29</sup>
60G48	GR-DV	470074	60G97	GR-DV	473245 <sup>28</sup>	61040	VIC	455137 <sup>28</sup>	61108	VIC	416125 <sup>28</sup>
60G48	GR-DV	474265	60G9763	GR-DV	415090	61041	VIC	417353 <sup>28</sup>	61109	VIC	416125 <sup>28,29</sup>
60G49	GR-DV	472394	60G9764	GR-DV	417298	61042	VIC	415023	61112	VIC	417501 <sup>29</sup>
60G5	GR-DV	416339	60G9765	GR-DV	415196 <sup>28</sup>	610465C91	IH	450593 <sup>28</sup>	61116	VIC	55030
60G5	GR-DV	455031 <sup>28</sup>	60G98	GR-DV	470059	61047	VIC	416292 <sup>29</sup>	61117M1	MASSE	200752
60G50	GR-DV	410312N	60G98	GR-DV	470380 <sup>28</sup>	6105	C-R	340387	61120	TROS	7834
60G51	GR-DV	473225 <sup>28</sup>	60G99	GR-DV	416288 <sup>28</sup>	6105	SKF	340387	61121	VIC	415379 <sup>28</sup>
60G52	GR-DV	450183	60J175	GR-DV	415294 <sup>28</sup>	61051	VIC	415085 <sup>28</sup>	61121	VIC	455379
60G52	GR-DV	472179	60J175	GR-DV	455294	61051	VIC	456648	61123	VIC	417205 <sup>28,29</sup>
60G53	GR-DV	450083	60N1617	WGEAR	470120	610521	GMC	456744N	61125	VIC	416339
60G53	GR-DV	472924 <sup>28</sup>	60N1617	WGEAR	471224 <sup>28</sup>	61054	VIC	455024	61125	VIC	455031 <sup>28</sup>
60G54	GR-DV	411245 <sup>28</sup>	60X10010XX	TIMKE	60X100X10	61059	VIC	412473 <sup>28</sup>	61127	VIC	415150 <sup>28</sup>
60G54	GR-DV	455096	60X100X10SC	TRSCM	60X100X10	61059	VIC	415894	6112R	JN-MN	450867
60G55	GR-DV	416654 <sup>28</sup>	60X100X10TC	TRSCM	60X100X10	61061	VIC	417191	6112R	JN-MN	470898
60G55	GR-DV	455012	60X11008XX	TIMKE	60X110X8	61062	VIC	417191	6113300825	MERCE	710467
60G56	GR-DV	416288 <sup>28</sup>	60X110X8SC	TRSCM	60X110X8	61063	VIC	417354 <sup>28,29</sup>	61136	VIC	417504 <sup>29</sup>
60G57	GR-DV	415995 <sup>28</sup>	60X110X8TC	TRSCM	60X110X8	61064	VIC	455249 <sup>28</sup>	61138	VIC	455032 <sup>28</sup>
60G57	GR-DV	455013	60X171	GR-DV	415124	61065	VIC	415025	6113LA	JN-MN	450365
60G58	GR-DV	417196 <sup>28</sup>	60X72X8	FORSH	60X72X8	61070	VIC	55419	6113LA	JN-MN	470898
60G59	GR-DV	417205 <sup>28</sup>	60X72X8	SIMRT	60X72X8	610712C92	IH	417349 <sup>28</sup>	6113LPD	JN-MN	450365
60G6	GR-DV	415058	60X72X8SC	TRSCM	60X72X8	61072	VIC	417493 <sup>29</sup>	6113LPD	JN-MN	470898
60G60	GR-DV	416891 <sup>28</sup>	60X72X8TC	TRSCM	60X72X8	61074	VIC	455026	6113LUD	JN-MN	450365
60G61	GR-DV	470062	60X80X8	TIMKE	60X80X8	61078	VIC	415991	6113LUD	JN-MN	470898
60G61	GR-DV	474264	60X80X8SC	TRSCM	60X80X8 <sup>28</sup>	61078	VIC	455146 <sup>28</sup>	61140	VIC	455189 <sup>29</sup>
60G62	GR-DV	450183	60X80X8TC	TRSCM	60X80X8 <sup>28</sup>	61079	GW	415991	6114180	GMC	417316 <sup>28</sup>
60G62	GR-DV	472179	60X85X8	TIMKE	60X85X8	61079	GW	455146 <sup>28</sup>	6114180	GMC	455004
60G63	GR-DV	415187	60X85X8SC	TRSCM	60X85X8	61079	VIC	415991	61145	VIC	417210 <sup>28,29</sup>
60G64	GR-DV	413469 <sup>28</sup>	60X85X8TC	TRSCM	60X85X8	61079	VIC	455146 <sup>28</sup>	61147	VIC	417211 <sup>28</sup>
60G65	GR-DV	413469 <sup>28</sup>	60X90X8SC	TRSCM	60X90X8	6107OSR	JN-MN	473215 <sup>28,29</sup>	61150	VIC	416345 <sup>28</sup>
60G66	GR-DV	415349	60X90X8TC	TRSCM	60X90X8	61081	VIC	417196 <sup>28,29</sup>	61150	VIC	455033
60G69	GR-DV	470806	60X95X8SC	TRSCM	60X95X8	610813	MICH	417298	61151	VIC	417366 <sup>28</sup>
60G7	GR-DV	415138 <sup>28</sup>	60X95X8TC	TRSCM	60X95X8	61083	VIC	415437 <sup>29</sup>	61152	VIC	415697 <sup>28</sup>
60G70	GR-DV	450070	610	UNIVE	417298	610866C92	IH	412040	61152	VIC	455547
60G70	GR-DV	472185 <sup>28</sup>	61004	VIC	455015	610867C92	IH	411394 <sup>28</sup>	61156	VIC	455186
60G71	GR-DV	410312N	6100B	JN-MN	416153 <sup>28</sup>	610867C92	IH	450317	61158	VIC	415034 <sup>28</sup>
60G72	GR-DV	474274	6100LPD	JN-MN	416153 <sup>28</sup>	610870C92	IH	417344 <sup>28</sup>	61158	VIC	455034
60G73	GR-DV	415991	61013	VIC	416011	6108B	JN-MN	416956 <sup>29</sup>	6116	HYST	415645 <sup>28</sup>
60G73	GR-DV	455146 <sup>28</sup>	61013	VIC	417621 <sup>28</sup>	6108LUP	JN-MN	416956	61160	VIC	455191 <sup>29</sup>
60G8	GR-DV	450085	610136C91	IH	473214 <sup>28</sup>	61090	VIC	415711 <sup>29</sup>	61161	TROS	42101S
60G8	GR-DV	470530 <sup>28</sup>	61015	VIC	416288 <sup>28,29</sup>	61092	VIC	417497 <sup>29</sup>	61161	VIC	417506
60G83	GR-DV	417191	61018	VIC	417171 <sup>28</sup>	61094	OLIVE	415483 <sup>28</sup>	61165	VIC	415187
60G84	GR-DV	417210 <sup>28</sup>	61019	VIC	417172	61094	OLIVE	455368	61167	JAE	415035 <sup>28</sup>
60G85	GR-DV	471705 <sup>28</sup>	61020	VIC	415021	61094	VIC	417498 <sup>29</sup>	61167	JAE	455035
60G86	GR-DV	450117	61022	VIC	415394	61095	VIC	417498	61167	VIC	415035 <sup>28</sup>
60G86	GR-DV	472572 <sup>28</sup>	61024	VIC	456105 <sup>29</sup>	61096	VIC	55028	61167	VIC	455035
60G87	GR-DV	417366 <sup>28</sup>	61026	VIC	417490 <sup>29</sup>	611	CALI	415234 <sup>28</sup>	61169	VIC	417356 <sup>28</sup>
60G88	GR-DV	455151	61027	VIC	455336 <sup>29</sup>	61101	VIC	416047	61169	VIC	455188
60G89	GR-DV	417351 <sup>28</sup>	61028	VIC	455022	61101	VIC	416332 <sup>28</sup>	61171	VIC	417357
60G89	GR-DV	455154	6103	C-R	710274	6110100014	MERCE	710812	61171	VIC	455192 <sup>28</sup>
60G9	GR-DV	411253 <sup>28</sup>	6103	SKF	710274	6110100114	MERCE	710812	61173	VIC	417357
60G9	GR-DV	450099	610318C91	IH	411376 <sup>28</sup>	6110100214	MERCE	710812	61173	VIC	455192 <sup>28</sup>
60G90	GR-DV	416011	61033	VIC	455018	61101S	TROS	7607	61174	VIC	416130 <sup>28</sup>
60G90	GR-DV	417621 <sup>28</sup>	61033	VIC	476470	61102	TROS	8139	61175	VIC	415036
60G91	GR-DV	470334 <sup>28</sup>	610336C91	IH	415004	61103	TROS	291295	611758	ALLCH	473460
60G91	GR-DV	50289	610336C91	IH	417316 <sup>28</sup>	61103	VIC	415937 <sup>28</sup>	61176	VIC	417507 <sup>28</sup>
60G92	GR-DV	415021	610337C91	IH	8971H	611035	WOOL	450183	61176	VIC	455513
60G95	GR-DV	470334 <sup>28</sup>	61036	VIC	417181 <sup>28,29</sup>	611035	WOOL	472179	611760	ALLCH	456865N
60G95	GR-DV	50289	61038	VIC	418028	61103D	IH	471192	611761	ALLCH	455035N

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
611763	ALLCH	415254	6125	SKF	7399S	61333	GW	455091	6143	SKF	7188S
611764	ALLCH	473452	612514	FORD	711001	61333	VIC	416167 <sup>28</sup>	61430	VIC	416239 <sup>28</sup>
61177	VIC	415041	61252	VIC	415196 <sup>28,29</sup>	61333	VIC	455091	61434	VIC	416077
611770	SPERY	415035	61254	VIC	415047	61335	VIC	417267 <sup>29</sup>	61439	BUC-E	415116
611770	SPERY	415953	61255	C-R	457874	61337	VIC	417269 <sup>28</sup>	61439	VIC	415116 <sup>29</sup>
61178	VIC	415041 <sup>29</sup>	61255	SKF	457874	6133SH	JN-MN	417267	614410R91	IH	40568S
61179	VIC	417509 <sup>29</sup>	61256	VIC	416149 <sup>29</sup>	61342	VIC	417539 <sup>28,29</sup>	61444	VIC	455117 <sup>29</sup>
6118	BORGW	473452	61257	VIC	6635S	61344	VIC	417273	6144631	SPICE	471689 <sup>28</sup>
61181	VIC	417223	61258	VIC	415060	61349	VIC	416865 <sup>28</sup>	61449	MARI	415551
61188	VIC	455037	6 126 179	FORD	3772	61349	VIC	455070	61449	VIC	415551 <sup>29</sup>
6119	C-R	340849	61263	VIC	457295	6134LA	JN-MN	473213 <sup>28</sup>	6144LA	JN-MN	416339
6119	SKF	340849	61266	VIC	417525	6134LPD	JN-MN	473213 <sup>28</sup>	6144LA	JN-MN	455031 <sup>28</sup>
61197	VIC	455134 <sup>28</sup>	61268	VIC	417526 <sup>29</sup>	61350	VIC	417541 <sup>29</sup>	61454	VIC	417598 <sup>29</sup>
61199	VIC	415142 <sup>29</sup>	612692R91	IH	471341 <sup>28</sup>	6135090	FORD	713087	61459	VIC	455406 <sup>28</sup>
611D	CALI	415234 <sup>28</sup>	612693R91	IH	476838 <sup>28</sup>	61354	VIC	417546 <sup>28,29</sup>	6145LA	JN-MN	417181 <sup>28</sup>
612	UNIVE	417596	61270	VIC	415351 <sup>28</sup>	613558C91	IH	415351 <sup>28</sup>	614631	SPICE	473473
6120	C-R	253747 <sup>28</sup>	61272	VIC	415351 <sup>28</sup>	61359	VIC	415645 <sup>28</sup>	614633	SPICE	417316 <sup>28</sup>
6120	C-R	340849	61275	VIC	416888 <sup>28</sup>	61359	VIC	455104	614633	SPICE	455004
6120	O-M	343185	61275	VIC	455200	6135B	JN-MN	450472 <sup>28</sup>	614634-3	SPICE	471570 <sup>28</sup>
6120	SKF	253747	61277	VIC	416153 <sup>28</sup>	61364	VIC	415938 <sup>29</sup>	61464	VIC	455121 <sup>29</sup>
6120	SKF	340849	61277R91	IH	410316	613640C91	IH	456865N	61466	VIC	417600 <sup>29</sup>
612000	CLARK	410059	61277R91	IH	472636 <sup>28</sup>	61369	AM HO	416107 <sup>28</sup>	61467	VIC	417601 <sup>29</sup>
612000	CLARK	470380 <sup>28</sup>	612787	UNIVE	417563	61369	AM HO	455073	614682	CLARK	40169S
61201	VIC	417512	612788	MICH	417563	61369	BUC-E	416107 <sup>28</sup>	61469	VIC	417602 <sup>28</sup>
61203	VIC	415043	61279	VIC	416892 <sup>28</sup>	61369	BUC-E	455073	614699	CATER	473475
61203S	TROS	470064	61281	VIC	416154 <sup>28,29</sup>	61369	VIC	416107 <sup>28</sup>	6146LA	JN-MN	415035 <sup>28</sup>
61203S	TROS	471821 <sup>28</sup>	61282	VIC	416070	61369	VIC	455073	6146LA	JN-MN	455035
61205	VIC	455203 <sup>29</sup>	61283	VIC	415351 <sup>28</sup>	61374	VIC	417556 <sup>29</sup>	6146LUP	JN-MN	415035 <sup>28</sup>
61207	VIC	455056	61288	VIC	417533	61379	VIC	416666 <sup>29</sup>	6146LUP	JN-MN	455035
61210	C-R	455330 <sup>28</sup>	61290	VIC	417534 <sup>29</sup>	61384	VIC	416476 <sup>28</sup>	6147	C-R	7188S
61210	SKF	455330	61297	VIC	415371	61384	VIC	455075	6147	SKF	7188S
61212	VIC	455194 <sup>29</sup>	61299	AM HO	416158	61389	BUC-E	415072	614702	GERL	415559
61214	VIC	417513	61299	VIC	416158 <sup>29</sup>	61389	VIC	415072 <sup>29</sup>	614729	CLARK	471760
61216	VIC	417514	6130	C-R	340797	6138LA	JN-MN	450365	614733	CLARK	471570 <sup>28</sup>
61220	VIC	417516	6130	C-R	343105 <sup>28</sup>	6138LA	JN-MN	470898	61474	VIC	455123 <sup>29</sup>
61222	VIC	415058 <sup>29</sup>	6130	C-R	7399S	613901C91	IH	416288 <sup>28</sup>	614740	CLARK	41787S
61225	VIC	455195	6130	SKF	340797	6139050	FORD	3393	61479	VIC	415124 <sup>29</sup>
61225	VIC	472157 <sup>28</sup>	6130	SKF	343105	613938	WHITE	410316	614802	OPEL	229005
61227	VIC	415196 <sup>28,29</sup>	6130	SKF	7399S	613938	WHITE	472636 <sup>28</sup>	614811	OPEL	228008
61229	VIC	416891 <sup>28</sup>	61301	VIC	415064	61394	VIC	457874 <sup>29</sup>	614811	VAUXH	228008
6122LA	JN-MN	470074	61306	VIC	415284	61399	VIC	417562 <sup>29</sup>	614813	OPEL	710232
6122LA	JN-MN	474265	61308	VIC	417535	614	UNIVE	455584	614817	OPEL	710232
6122LUP	JN-MN	470074	6131	CHRY	470027	61404	VIC	417563 <sup>29</sup>	614819	OPEL	710237
6122LUP	JN-MN	474265	6131	CHRY	471554 <sup>28</sup>	61408	VIC	416229 <sup>29</sup>	614820	OPEL	228008
61232	VIC	416891 <sup>28</sup>	6131	DURA	470027	6140LA	JN-MN	417316 <sup>28</sup>	614820	VAUXH	228008
61234	VIC	416137 <sup>29</sup>	6131	DURA	471554 <sup>28</sup>	6140LA	JN-MN	455004	614821	OPEL	228008
61235	VIC	417518 <sup>29</sup>	61310	VIC	417536	6141	C-R	7188S	614821	VAUXH	228008
61236	VIC	415058	61312	VIC	417537	6141	SKF	7188S	614827	GMC	710824
61240S	TROS	7886S	61315	VIC	415138 <sup>28</sup>	614135	OPEL	710811	614829	OPEL	710237
61241	VIC	455197	61317	VIC	417538 <sup>29</sup>	614138	GERL	416107 <sup>28</sup>	614830	OPEL	228008
61241	VIC	455197N	61319	VIC	417247 <sup>28</sup>	614138	GERL	455073	614838	OPEL	229005
61243	VIC	417520	613-19-86	TRMBL	370036A	61414	VIC	417298 <sup>29</sup>	614840	OPEL	710237
61245	VIC	416144	613-19-86	TRMBL	370349A	614145	GERL	455056	614858	OPEL	710799
612462R91	IH	471341 <sup>28</sup>	613199	CATER	473463	61419	VIC	417596	61489	BUC-E	417604
61247	VIC	417238	61321	VIC	415066	614202	CATER	417298	61489	VIC	417604 <sup>29</sup>
61248	C-R	415074	61326	VIC	416163 <sup>29</sup>	614202	GERL	417298	61494	VIC	417567 <sup>29</sup>
61248	SKF	415074	61328	VIC	456890	61424	VIC	455584	614976	OPEL	710674
6125	C-R	343105 <sup>28</sup>	6133	GARLK	340483	61429	VIC	416239 <sup>28</sup>	6149LA	JN-MN	455194 <sup>29</sup>
6125	C-R	7399S	61330	AM WH	417247 <sup>28</sup>	614299	OPEL	710811	61500	VIC	415128 <sup>29</sup>
6125	SKF	343105	61333	GW	416167 <sup>28</sup>	6143	C-R	7188S	6150037	FORD	331107N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
61509S	TROS	342805	61644009	TROS	370021A	618841	ALLCH	340009S	620199	WHITE	370003A
6151	C-R	351487	61646009	TROS	417273	618897	WHITE	5408	620199	WHITE	380003A
6151	SKF	351487	61650009	TROS	370028A	618950	WHITE	5401	62019AN	BUC-E	40395
61510	VIC	415090 <sup>29</sup>	61650010	TROS	370028A	618951	WHITE	5403	62019AN	BUC-E	40395S
61510S	TROS	7751H	61650014	TROS	416865 <sup>28</sup>	6189SS	JN-MN	343105	620216	SPICE	5131
61512S	TROS	473228 <sup>28</sup>	61650809	TROS	417258	6189SS	JN-MN	7399S <sup>28</sup>	620218	GERL	415187
61514S	TROS	8421S	61650811	TROS	417258	619	C-R	5M466	62021AN	BUC-E	340151
615166	CLARK	471264 <sup>28</sup>	61651607	TROS	417262 <sup>28</sup>	619	SKF	5M466	62025	VIC	45637S
6152	C-R	314267N	61651609	TROS	417262 <sup>28</sup>	6190B	JN-MN	415281N	620257	SPICE	2300
6152	C-R	340724 <sup>28</sup>	61651609	TROS	455448	619153	CHRY	473313	62028	VIC	43076S
6152	CLIN	481443 <sup>28</sup>	6165498	FORD	3774	619586C91	IH	413246	620297	ADAMS	417205 <sup>28</sup>
6152	SKF	314267N	6165500	FORD	3771	619586C91	IH	413246N	62031	VIC	330385 <sup>28</sup>
6152	SKF	340724	6165502	FORD	3772	619621C91	IH	416288 <sup>28</sup>	62032	VIC	240435
61520	VIC	415219 <sup>29</sup>	6165RPD	JN-MN	415697 <sup>28</sup>	619884	WHITE	415138 <sup>28</sup>	62035	VIC	40652S
61520S	TROS	7929S	6165RPD	JN-MN	455547	619888	ALLCH	450183	62040	VIC	41526S
61521S	TROS	7937N	616654	CLARK	40059S	619888	ALLCH	472179	62041	VIC	340771 <sup>29</sup>
61530	VIC	417606 <sup>29</sup>	61670	AM WH	415645 <sup>28</sup>	619890	ALLCH	416891 <sup>28</sup>	62043	VIC	40568S
615380	CLARK	472185 <sup>28</sup>	61670	AM WH	455104	619900	ALLCH	471138 <sup>28</sup>	62044	VIC	42311S
615438C91	IH	8126S	616800	UNIVE	416229	619901	ALLCH	471689 <sup>28</sup>	620456	ADAMS	415645 <sup>28</sup>
615463-2	SPICE	415088 <sup>28</sup>	61692R91	IH	417344 <sup>28</sup>	619982C91	IH	472439	620456	ADAMS	455104
615463-2	SPICE	455088	61692R91	IH	455006	61-A2652	BENDI	415035 <sup>28</sup>	62046	VIC	340413
615499C91	IH	7840S	6169LA	JN-MN	416364 <sup>28</sup>	61-A2652	BENDI	455035	62049	VIC	340787
61550	VIC	417020 <sup>29</sup>	616A42410	TROS	370019A	6200	TIMKE	6200	620491	SPICE	471276
6155579	FORD	3774	616B43209	TROS	370021A	62000	C-R	2628 <sup>28</sup>	620493	SPICE	471737
61559	VIC	417570 <sup>29</sup>	616D-045	BENDI	415035 <sup>28</sup>	62000	C-R	39885	62050	VIC	46997S
61567	VIC	415227 <sup>28,29</sup>	616D-045	BENDI	455035	62000	C-R	39887	62051	VIC	350364
6158	MARI	417020	61701	TROS	5591	62000	SKF	2628	620512	ADAMS	415991
615803	WHITE	471689 <sup>28</sup>	617250	CHRY	470120	62000	SKF	39885	620512	ADAMS	455146 <sup>28</sup>
615826	CATER	410183N	617250	CHRY	471224 <sup>28</sup>	62000	SKF	39887	62053	VIC	40576S
615831C91	IH	475380N	6172LA	JN-MN	471276 <sup>29</sup>	62000	VIC	41264S	620531	WHITE	416167 <sup>28</sup>
615833C91	IH	473243	617318	STUDE	416271 <sup>28</sup>	62001	C-R	39888	620531	WHITE	455091
61585	VIC	415482 <sup>29</sup>	6173OSR	JN-MN	417205 <sup>28,29</sup>	62001	C-R	39889	620532X20	TROS	370027A
615860	CLARK	415013	61740	C-R	455583N	62001	C-R	5613 <sup>28</sup>	62054	VIC	40566S
615860	CLARK	415995 <sup>28</sup>	61740	SKF	455583N	62001	SKF	39888	62055	VIC	40140S
6158SS	JN-MN	240733	6174OSR	JN-MN	418028	62001	SKF	39889	620590	SPICE	710043
615N2	WHITE	473215 <sup>28</sup>	6174OSR	JN-MN	455137 <sup>28</sup>	62001	SKF	5613	62060	VIC	42763
61604	VIC	415076 <sup>29</sup>	61758	AM WH	415379 <sup>28</sup>	62001	VIC	240319	620602	ADAMS	417171 <sup>28</sup>
61605XX	TIMKE	6X16X5	61758	AM WH	455379	620022	WHITE	476470	620602	LETN	417171 <sup>28</sup>
61607XX	TIMKE	6X16X7	61761	TROS	227040	620027	CATER	417223	620616	GERL	456105
6161052	HERCU	340771	61761	TROS	70X90X10 <sup>28</sup>	620058	DANA	710385	62062	VIC	41075S
6161106A	HERCU	471466 <sup>28</sup>	6176472	FORD	3772	620058	SPICE	710385	62066	VIC	5865
6161310	HERCU	417210 <sup>28</sup>	61781R91	IH	5408	620062	SPICE	710044	62068	VIC	417485
6161310B	HERCU	417210 <sup>28</sup>	61783R91	IH	5408	62008	VIC	40973S	62069	VIC	41787S
61618	MC-CL	471551 <sup>28</sup>	617845	CATER	415045 <sup>28</sup>	62009	VIC	6064 <sup>29</sup>	6206B	JN-MN	417254 <sup>29</sup>
61620S	TROS	2692	61801S	TROS	7399S <sup>28</sup>	6200C01004	AM MA	473016 <sup>28</sup>	62070	VIC	43086S
61626	VIC	473425	61802S	TROS	7840S	6200C01017	AM MA	450316	62071	VIC	471785 <sup>28</sup>
6162LA	JN-MN	471765 <sup>28</sup>	618113	WHITE	40468	6200C01017	AM MA	472636 <sup>28</sup>	6207216	B-L-H	474278 <sup>28</sup>
6162LUP	JN-MN	471765 <sup>28</sup>	618139	ALLCH	411253 <sup>28</sup>	6200C01033	AM MA	415371	6207216	B-L-H	480356
61630	MARI	455406 <sup>28</sup>	618139	ALLCH	450099	6200LA	JN-MN	415449 <sup>28</sup>	62073	VIC	40769S
616310	HERCU	417210 <sup>28</sup>	61820S	TROS	471652	6200LA	JN-MN	455147	62074	VIC	40468
6163S	TIMKE	6163S	61840	C-R	455583N	62010	VIC	43071S	62077	VIC	43089S
6164	NATL	452222 <sup>28</sup>	61840 <sup>28,29</sup>	C-R	455583N	6201050	REX	415379 <sup>28</sup>	62078	VIC	42421S
6164	SEAMA	412119 <sup>28</sup>	61840	SKF	455583N	6201050	REX	455379	620782	GERL	415025
6164	SEAMA	450101	6184211	FORD	222742	62012	GW	350954	620784	ALLCH	450194
61640009	TROS	417223	6186	TIMKE	6186	62012	GW	470954 <sup>28</sup>	620784	ALLCH	473010
61641209	TROS	417516	618641	ALLCH	472185 <sup>28</sup>	62016	VIC	40370S	6207849	ALLCH	450194
61641609	TROS	370031A	618662	ALLCH	470954 <sup>28</sup>	62019	VIC	40395	6207849	ALLCH	473010
61641609	TROS	380031A	618662	ALLCH	480954	62019	VIC	40395S	620785	ALLCH	470219
61642409	TROS	370019A	6186S	NATL	6186	620199	VIC	370003A	620785	ALLCH	471649 <sup>28</sup>
61643609	TROS	457585				620199	VIC	380003A	62079	VIC	204503 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
62079	VIC	473237	6213	SKF	471466V	62211	VIC	471472 <sup>28</sup>	622498	MANT	417211 <sup>28</sup>
62080	VIC	47150S	62132	VIC	470403	62212	VIC	471466 <sup>28</sup>	6225	C-R	471466 <sup>28</sup>
620812	UNIVE	41729S	62132	VIC	470774 <sup>28</sup>	62213	VIC	471466 <sup>28</sup>	6225	SKF	471466
62083	VIC	6241S <sup>29</sup>	6213LA	JN-MN	471646 <sup>28</sup>	62214	VIC	471466 <sup>28</sup>	62250	VIC	470680
620834	GERL	473458	62140	TROS	8121S	62215	VIC	471466 <sup>28</sup>	62250	VIC	471570 <sup>28</sup>
620840	SPICE	483793	6215	C-R	471466V	62216	VIC	471264 <sup>28</sup>	622500	MANT	415437
620843	WHITE	JV753	6215	SKF	471466V	62218	VIC	471264 <sup>28</sup>	622505	MANT	412040
620843A	WHITE	370007A	62152	VIC	471707N	62219	VIC	471264 <sup>28</sup>	622506	MANT	415991
620848	WHITE	370006A	6215516	B-L-H	450082	62220	VIC	471255 <sup>28</sup>	622506	MANT	455146 <sup>28</sup>
620871	ALLCH	470358	6215516	B-L-H	473238	62220SK	VIC	471255 <sup>28</sup>	622507	MANT	415991
620871	ALLCH	473231 <sup>28</sup>	62156	VIC	9613S	62221	TROS	484054	622507	MANT	455146 <sup>28</sup>
62096	VIC	471869	62158	VIC	473258 <sup>28</sup>	62221	VIC	471255 <sup>28</sup>	622509	MANT	416229
62096	VIC	473459	62159	VIC	471835 <sup>28</sup>	62222	VIC	471255 <sup>28</sup>	62251	VIC	470680
62099	VIC	415227 <sup>28</sup>	62160	VIC	470950 <sup>28</sup>	62223	VIC	471255 <sup>28</sup>	62251	VIC	471570 <sup>28</sup>
6209SH	JN-MN	40169S <sup>29</sup>	62160	VIC	6241S	62224	VIC	471564	622512	MANT	415047
620A50420	TROS	370003A	62171	VIC	340815	62225	VIC	471564	622513	MANT	411253 <sup>28</sup>
620A50420	TROS	380003A	621713	ADAMS	455018	62226	VIC	471564	622513	MANT	450099
620C01005	AM MA	473227	621713	ADAMS	476470	62228	VIC	470954 <sup>28</sup>	622516	MANT	417269 <sup>28</sup>
620C01011	AM MA	203034	621713	LETN	455018	62228	VIC	480954	622518	MANT	415027 <sup>28</sup>
620C01014	AM MA	471424 <sup>28</sup>	621713	LETN	476470	62229	VIC	470954 <sup>28</sup>	622518	MANT	455027
620-C-01019	REX	450519	621713	WABCO	455018	62229	VIC	480954	62252	VIC	471646 <sup>28</sup>
620-C-01019	REX	471271 <sup>28</sup>	621713	WABCO	476470	62230	VIC	470954 <sup>28</sup>	622526	MANT	415088 <sup>28</sup>
620C01019	SEAMA	450519	62173	VIC	473517 <sup>28</sup>	622300C91	IH	455019 <sup>28</sup>	622526	MANT	455088
620C01019	SEAMA	471271 <sup>28</sup>	62175	VIC	450400	622300C92	IH	455019 <sup>28</sup>	622527	MANT	417487
620C01021	AM MA	415082	62176	VIC	470351	622301C91	IH	473238 <sup>28</sup>	622527	MANT	455086
620C01023	AM MA	416664 <sup>28</sup>	62178	VIC	472070	622309	WOOL	416071	62253	VIC	471646 <sup>28</sup>
620C01023	AM MA	455364	62182	VIC	332062	62231	VIC	470954 <sup>28</sup>	622532	MANT	417269 <sup>28</sup>
620C01024	AM MA	415281N	62184	VIC	473179 <sup>28</sup>	62232	VIC	471554 <sup>28</sup>	622533	MANT	415035 <sup>28</sup>
620C01029	AM MA	417496	62187	VIC	451078 <sup>28</sup>	622322	MANT	471760	622533	MANT	455035
620C01032	AM MA	415060	62188	VIC	352541	622325	MANT	455583N <sup>28</sup>	622534	MANT	417278
620C01034	AM MA	415371	62189	VIC	472341 <sup>28</sup>	62233	VIC	470027	622535	MANT	412473 <sup>28</sup>
620C01035	SEAMA	415371	6218LA	JN-MN	416345 <sup>28</sup>	62233	VIC	471554 <sup>28</sup>	622535	MANT	415894
620C01041	AM MA	417554 <sup>28</sup>	6218LA	JN-MN	455033	622332	MANT	481568 <sup>28</sup>	622537	MANT	415645 <sup>28</sup>
620C01048	AM MA	416892 <sup>28</sup>	6218LUP	JN-MN	416345 <sup>28</sup>	62234	VIC	471554 <sup>28</sup>	622537	MANT	455104
620C01052	AM MA	415371	6218LUP	JN-MN	455033	62235	VIC	471554 <sup>28</sup>	622538	MANT	416239 <sup>28</sup>
620C01053	AM MA	416404 <sup>28</sup>	62190	VIC	472082	62236	VIC	471567 <sup>28</sup>	622539	MANT	415076
620-C1018	REX	412119 <sup>28</sup>	62191	VIC	473467	62237	VIC	471567 <sup>28</sup>	622540	MANT	416476 <sup>28</sup>
620-C1018	REX	450101	62192	VIC	472018	62238	VIC	471567 <sup>28</sup>	622540	MANT	455075
620-C1034	REX	415371	62193	VIC	470354	622382	MANT	450095	622542	MANT	416666
620-C1052	REX	415371	62194	VIC	471341 <sup>28</sup>	622382	MANT	473464 <sup>28</sup>	622543	MANT	417298
62100	VIC	416404 <sup>28</sup>	62196	VIC	471272 <sup>28</sup>	622386	MANT	416404 <sup>28</sup>	62255	VIC	471646 <sup>28</sup>
62101	TROS	9015S	62198	VIC	410825	622387	MANT	45525S	622555	MANT	416892 <sup>28</sup>
62101	VIC	416297	621986	ADAMS	450316	62239	VIC	471567 <sup>28</sup>	62256	VIC	470590
62102	VIC	6358	621986	ADAMS	472636 <sup>28</sup>	62240	VIC	471643 <sup>28</sup>	622561	MANT	415086N
62102-8060	SUBAR	225005	62199	VIC	455151	62240S	TROS	8133S	622561	MANT	417487 <sup>28</sup>
62102S	TROS	9015S	621993	CLARK	472179	62241	VIC	471643 <sup>28</sup>	62257	VIC	470590
621033R91	IH	471831 <sup>28</sup>	622	ROTO	340009S	622416	MANT	416229	622573	MANT	415001 <sup>28</sup>
62106	VIC	415725 <sup>28</sup>	62200	VIC	471442 <sup>28</sup>	62242	VIC	471643 <sup>28</sup>	622573	MANT	455001
62108	VIC	415938	62201	VIC	471442 <sup>28</sup>	62243	VIC	471643 <sup>28</sup>	622578	MANT	455471
6211115	WHITE	455480 <sup>28</sup>	62201S	TROS	8293S	62244	VIC	471267 <sup>28</sup>	62258	VIC	470590
6211116	WHITE	470163	62202	VIC	471442 <sup>28</sup>	62245	VIC	471267 <sup>28</sup>	62259	VIC	470590
6211116	WHITE	471766 <sup>28</sup>	62203	VIC	410119	62246	VIC	471267 <sup>28</sup>	62260	VIC	471224 <sup>28</sup>
621156	ALLCH	412040	62203	VIC	471442 <sup>28</sup>	62247	VIC	471267 <sup>28</sup>	62261	VIC	471224 <sup>28</sup>
621187	ADAMS	415138 <sup>28</sup>	62204	VIC	471526 <sup>28</sup>	62248	VIC	471570 <sup>28</sup>	622610C91	IH	240735
621189C91	IH	450082	62205	VIC	471526 <sup>28</sup>	62249	VIC	471570 <sup>28</sup>	62262	VIC	471224 <sup>28</sup>
621189C91	IH	473238	62206	VIC	471526 <sup>28</sup>	622492	MANT	416107 <sup>28</sup>	622620	MANT	415991
621201C91	IH	472572 <sup>28</sup>	62207XX	TIMKE	6X22X7	622492	MANT	455073	622620	MANT	455146 <sup>28</sup>
621225C91	IH	470954 <sup>28</sup>	62208	VIC	471472 <sup>28</sup>	622496	MANT	417316 <sup>28</sup>	622625	MANT	416339
621225C91	IH	480954	62209	VIC	471472 <sup>28</sup>	622496	MANT	455004	622625	MANT	455031 <sup>28</sup>
6213	C-R	471466V	62210	VIC	471472 <sup>28</sup>	622497	MANT	417082	622627	MANT	417546 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
622633	MANT	417596	62314	VIC	471192	62368	VIC	472179	6241	EATON	6241S
62264	VIC	471649 <sup>28</sup>	62316	VIC	473214 <sup>28</sup>	62369	VIC	450183	6241	SEAMA	471424 <sup>28</sup>
62265	VIC	471649 <sup>28</sup>	62317	VIC	470169	62369	VIC	472179	62410	VIC	473242
62266	VIC	471649 <sup>28</sup>	62317	VIC	473214	62369A	VIC	472179	62411	VIC	473242
62268	VIC	471689 <sup>28</sup>	62318	VIC	473214 <sup>28</sup>	62370	VIC	472179	62412	VIC	473204
62269	VIC	471689 <sup>28</sup>	62319	VIC	473214 <sup>28</sup>	62371	VIC	472179	62413	VIC	473204
6226LA	JN-MN	450285	62320	VIC	473215 <sup>28</sup>	62372	VIC	472439	62414	VIC	473204
62270	VIC	471689 <sup>28</sup>	62321	VIC	473215 <sup>28</sup>	62373	VIC	472439	62415	VIC	473204
62272	VIC	471733	62322	VIC	473215 <sup>28</sup>	62374	VIC	472439	62416	VIC	470898
62273	VIC	471733	62323	VIC	473215 <sup>28</sup>	62375	VIC	472439	62417	VIC	450867
62274	VIC	471733	62325	VIC	473227	62376	VIC	472572 <sup>28</sup>	62417	VIC	470898
62275	VIC	471733	62326	VIC	473227 <sup>28</sup>	62377	VIC	450117	62418	VIC	470898
62276	VIC	471652	62327	VIC	473227 <sup>28</sup>	62377	VIC	472572 <sup>28</sup>	62419	VIC	470898
62276	VIC	482208 <sup>28</sup>	62328	VIC	470625 <sup>28</sup>	62377A	VIC	450117	6241A	EATON	471795
62277	VIC	471652	62329	VIC	470625 <sup>28</sup>	62377A	VIC	472572 <sup>28</sup>	6241H	TRUK	450115
62278	VIC	471652	62330	VIC	470625 <sup>28</sup>	62378	VIC	472572 <sup>28</sup>	6241H	TRUK	473467 <sup>28</sup>
62279	VIC	471652	62332	VIC	470380 <sup>28</sup>	62378A	ALLCH	415379 <sup>28</sup>	6241R	JN-MN	455583N <sup>28</sup>
62280	VIC	471692 <sup>28</sup>	62333	VIC	470380 <sup>28</sup>	62378A	ALLCH	455379	6241S	NATL	470950 <sup>28</sup>
62281	VIC	471692 <sup>28</sup>	62334	VIC	470380 <sup>28</sup>	62379	VIC	472572 <sup>28</sup>	6241S	TIMKE	6241S
62282	VIC	471692 <sup>28</sup>	62336	VIC	473228	62380	VIC	473238 <sup>28</sup>	62420	TROS	8181NA
62283	VIC	471692 <sup>28</sup>	62336	VIC	481837	62381	VIC	450082	62420	VIC	472015 <sup>28</sup>
62284	VIC	470712 <sup>28</sup>	62337	VIC	450067	62381	VIC	473238	62421	VIC	472015 <sup>28</sup>
62285	VIC	470712 <sup>28</sup>	62337	VIC	473228	62382	VIC	473238 <sup>28</sup>	62422	VIC	472015 <sup>28</sup>
62286	VIC	470712 <sup>28</sup>	62338	VIC	473228 <sup>28</sup>	62383	VIC	473238 <sup>28</sup>	62422A	VIC	472015 <sup>28</sup>
62287	VIC	470712 <sup>28</sup>	62339	VIC	473228 <sup>28</sup>	62384	VIC	473239 <sup>28</sup>	62423	VIC	472015 <sup>28</sup>
62288	VIC	471763	62340	VIC	473230 <sup>28</sup>	62385	VIC	450298	62424	VIC	472016 <sup>28</sup>
62289	VIC	471763	62341	VIC	473230 <sup>28</sup>	62385	VIC	473239	62426	VIC	472016 <sup>28</sup>
6229	C-R	712024	62342	VIC	473230 <sup>28</sup>	62386	VIC	473239 <sup>28</sup>	62427	VIC	472016 <sup>28</sup>
6229	SKF	712024	62343	VIC	473230 <sup>28</sup>	62387	VIC	473239 <sup>28</sup>	62428	VIC	473243
62290	VIC	471763	62344	VIC	473231 <sup>28</sup>	62388	VIC	473240 <sup>28</sup>	62429	VIC	473243
62291	VIC	471763	623442	GERL	415082	62389	VIC	473240 <sup>28</sup>	62430	VIC	473243
62292	VIC	471413 <sup>28</sup>	62345	VIC	470358	62390	VIC	413248	62431	VIC	473243
62293	VIC	471413 <sup>28</sup>	62345	VIC	473231	62391	VIC	473240 <sup>28</sup>	62432	VIC	471272 <sup>28</sup>
62294	VIC	471413 <sup>28</sup>	62346	VIC	473231 <sup>28</sup>	62392	VIC	471424 <sup>28</sup>	62433	VIC	471272 <sup>28</sup>
62295	VIC	471413 <sup>28</sup>	623463-1	SPICE	455195	62393	VIC	471424 <sup>28</sup>	62434	VIC	471272 <sup>28</sup>
62296	VIC	471737	623463-1	SPICE	472157 <sup>28</sup>	62394	VIC	471424 <sup>28</sup>	62435	VIC	471272 <sup>28</sup>
62297	VIC	471737	623463-2	SPICE	450519	62395	VIC	471424 <sup>28</sup>	624359	CLARK	470380 <sup>28</sup>
62298	VIC	471737	623463-2	SPICE	471271 <sup>28</sup>	62396	VIC	472492 <sup>28</sup>	62436	VIC	471138 <sup>28</sup>
622984	ALLCH	415281N	623463-3	SPICE	450143	62397	VIC	450389	624360	CLARK	471760
62299	VIC	471737	62347	VIC	473231 <sup>28</sup>	62397	VIC	472492 <sup>28</sup>	624361	CLARK	415147
62300	VIC	471766 <sup>28</sup>	62348	VIC	473010 <sup>28</sup>	62398	VIC	472492 <sup>28</sup>	624361	CLARK	415449 <sup>28</sup>
623002020	SUBAR	1984	62349	VIC	450194	62399	VIC	472492 <sup>28</sup>	624362	CLARK	415013
62301	VIC	470163	62349	VIC	473010	624	ROTO	240009	624362	CLARK	415995 <sup>28</sup>
62301	VIC	471766 <sup>28</sup>	6234LA	JN-MN	6936S <sup>29</sup>	6240	C-R	240009	62437	VIC	471138 <sup>28</sup>
62302	VIC	471766 <sup>28</sup>	62350	VIC	473010 <sup>28</sup>	6240	SKF	240009	62438	VIC	471138 <sup>28</sup>
6230-21042	SUBAR	710227	62351	VIC	473010 <sup>28</sup>	62400	VIC	472924 <sup>28</sup>	62439	VIC	471138 <sup>28</sup>
6230-24042	SUBAR	710227	62352	VIC	473232 <sup>28</sup>	62401	TROS	8610	62440	VIC	472636 <sup>28</sup>
62303	VIC	410163	62354	VIC	473232 <sup>28</sup>	62401	VIC	472924 <sup>28</sup>	62441	VIC	472636 <sup>28</sup>
62303	VIC	470163	62355	VIC	473232 <sup>28</sup>	62402	VIC	472924 <sup>28</sup>	62442	VIC	472636 <sup>28</sup>
62303	VIC	471766 <sup>28,29</sup>	62356	VIC	473237 <sup>28</sup>	62403	VIC	472924 <sup>28</sup>	62443	VIC	472636 <sup>28</sup>
62304	VIC	471795	62357	VIC	473237 <sup>28</sup>	62404	VIC	472397 <sup>28</sup>	62444	VIC	412920 <sup>28</sup>
62305	VIC	471795	62358	VIC	473237 <sup>28</sup>	62405	VIC	450301	62445	VIC	412920 <sup>28</sup>
62306	VIC	471795	62359	VIC	473237 <sup>28</sup>	62405	VIC	472397 <sup>28</sup>	62446	VIC	412920 <sup>28</sup>
62307	VIC	471795	6235LA	JN-MN	417343 <sup>28,29</sup>	62406	VIC	472397 <sup>28</sup>	62447	VIC	412920 <sup>28</sup>
62308	VIC	472258 <sup>28</sup>	62360	VIC	472164 <sup>28</sup>	62407	VIC	472397 <sup>28</sup>	62448	VIC	470565 <sup>28</sup>
62309	VIC	472258 <sup>28</sup>	62362	VIC	472164 <sup>28</sup>	62408	VIC	473242	62449	VIC	470565 <sup>28</sup>
62310	VIC	472258 <sup>28</sup>	62364	VIC	472185 <sup>28</sup>	62409	VIC	473242	6245	GWJ	416865 <sup>28</sup>
62311	VIC	472258 <sup>28</sup>	62365	VIC	450070	6240J	DIA	450316	62450	VIC	470565 <sup>28</sup>
62312	VIC	471192	62365	VIC	472185 <sup>28</sup>	6240J	DIA	472636 <sup>28</sup>	62451	VIC	470565 <sup>28</sup>
62313	VIC	471192	62367	VIC	472185 <sup>28</sup>	6241	EATON	470950 <sup>28</sup>	62452	VIC	413246

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
62452	VIC	413246N	62486	VIC	415483	62536	VIC	415995 <sup>28,29</sup>	6257LA	JN-MN	455004
62453	VIC	413246	62488	VIC	415458 <sup>28</sup>	62537	VIC	415836	6257LPD	JN-MN	417316 <sup>28</sup>
62453	VIC	413246N	62489	VIC	415458 <sup>28</sup>	62537	VIC	415995 <sup>28,29</sup>	6257LPD	JN-MN	455004
62454	VIC	413246	62490	VIC	415458 <sup>28</sup>	62538	VIC	415836	62580	VIC	412473 <sup>28</sup>
62454	VIC	413246N	62492	VIC	417343 <sup>28</sup>	62538	VIC	415995 <sup>28,29</sup>	62580	VIC	415894
62455	VIC	413246	62493	VIC	417343 <sup>28</sup>	62539	VIC	415836	62581	VIC	412473 <sup>28</sup>
62455	VIC	413246N	62494	VIC	417343 <sup>28</sup>	62539	VIC	415995 <sup>28,29</sup>	62581	VIC	415894
62456	VIC	413247 <sup>28</sup>	62495	C-R	455480 <sup>28</sup>	62540	VIC	417351 <sup>28</sup>	62582	VIC	412473 <sup>28</sup>
62457	VIC	413247 <sup>28</sup>	62495	SKF	455480	62541	VIC	417351 <sup>28</sup>	62582	VIC	415894
62458	VIC	413247 <sup>28</sup>	62495	VIC	417343 <sup>28</sup>	625412	WHITE	370019A	62583	VIC	412473 <sup>28</sup>
62459	VIC	413247 <sup>28</sup>	62496	VIC	416664 <sup>28</sup>	62542	VIC	417351 <sup>28</sup>	62583	VIC	415894
6245M1	GW	416865 <sup>28</sup>	62497	C-R	455480V	625428	GR-DV	417269 <sup>28</sup>	62584	VIC	417191
6245M1	GW	455070	62497	SKF	455480V	62543	VIC	417351 <sup>28</sup>	62585	VIC	417191
62460	VIC	416271 <sup>28</sup>	62497	VIC	416664 <sup>28</sup>	62548	GR-DV	455195	62586	VIC	417191
62461	VIC	416271 <sup>28</sup>	62498	VIC	416664 <sup>28</sup>	62548	GR-DV	472157 <sup>28</sup>	62587	VIC	417191
62462	VIC	416271 <sup>28</sup>	62499	VIC	416664 <sup>28</sup>	6254K	FAIRB	417223	62588	VIC	417354 <sup>28</sup>
624621	GERL	413478	625	ROTO	471801 <sup>28</sup>	6255	CABOT	416865 <sup>28</sup>	62589	VIC	417354 <sup>28</sup>
62463	VIC	416271 <sup>28</sup>	62500	VIC	415984 <sup>28</sup>	6255	CABOT	455070	62590	VIC	417354 <sup>28</sup>
6246314	SPICE	474276 <sup>28</sup>	62501	VIC	415984 <sup>28</sup>	6255	GR-DV	416865 <sup>28</sup>	62591	VIC	417354 <sup>28</sup>
624632	SPICE	450185	62502	VIC	415984 <sup>28</sup>	6255	GR-DV	455070	6259146	GMC	413470 <sup>28</sup>
624632	SPICE	473229	62503	VIC	415984 <sup>28</sup>	6255	HU-WR	416865 <sup>28</sup>	6259190	GMC	472394
624632-5	SPICE	450185	62504	VIC	417316 <sup>28</sup>	6255	MINMA	416865 <sup>28</sup>	62592	VIC	416624 <sup>28</sup>
624632-5	SPICE	473229	62505	VIC	417316 <sup>28</sup>	625520R91	IH	481163 <sup>28</sup>	62593	VIC	416624 <sup>28</sup>
624633	SPICE	450301	62506	VIC	417316 <sup>28</sup>	625521R91	IH	470954 <sup>28</sup>	62594	VIC	416624 <sup>28</sup>
624633	SPICE	472397 <sup>28</sup>	62507	VIC	417316 <sup>28</sup>	625534	WHITE	451583 <sup>28</sup>	62595	VIC	416624 <sup>28</sup>
624634-2	SPICE	415458 <sup>28</sup>	62508	VIC	415960	6255508	GMC	7537S	62596	VIC	415991 <sup>28</sup>
624634-2	SPICE	455003	625088	ALLCH	471526 <sup>28</sup>	6255CR	F-R-H	416865 <sup>28</sup>	62596	VIC	415991N
624636	SPICE	475012N	62509	VIC	415960 <sup>28,29</sup>	6255K	FAIRB	416865 <sup>28</sup>	62597	VIC	415991
624638	SPICE	452742	62509	VIC	455009	6255K	FAIRB	455070	62597	VIC	455146 <sup>28</sup>
624639	SPICE	6668S	62510	VIC	415960	62563	VIC	415304	62598	VIC	415991 <sup>28</sup>
62464	VIC	471271 <sup>28</sup>	62510	VIC	4564V	62563	VIC	476470 <sup>28</sup>	62598	VIC	415991N
62465	VIC	471271 <sup>28</sup>	62512	VIC	415303 <sup>28</sup>	625631	CONTI	471763	62599	VIC	415991 <sup>28</sup>
624650	ALLCH	451817	62514	VIC	415303 <sup>28</sup>	625634	CATER	415350	62599	VIC	415991N
624653	ALLCH	411376 <sup>28</sup>	62516	VIC	417344 <sup>28</sup>	62564	VIC	417181 <sup>28</sup>	62600	VIC	417196 <sup>28</sup>
624653	ALLCH	455093	62517	VIC	417344 <sup>28</sup>	62565	VIC	417181 <sup>28</sup>	62601	VIC	417196 <sup>28</sup>
624655	ALLCH	416345 <sup>28</sup>	62518	VIC	417344 <sup>28</sup>	62566	VIC	417181 <sup>28</sup>	62602	VIC	417196 <sup>28</sup>
624655	ALLCH	455033	62519	VIC	417344 <sup>28</sup>	6256681	GMC	472705	62603	VIC	417196 <sup>28</sup>
62466	VIC	471271 <sup>28</sup>	62520	VIC	417158 <sup>28</sup>	62567	VIC	417181 <sup>28</sup>	62604	VIC	415437
62467	VIC	471271 <sup>28</sup>	62521	VIC	417158 <sup>28</sup>	62568	VIC	417352	62605	VIC	415437
62468	VIC	470605 <sup>28</sup>	62522	VIC	9864S	62568	VIC	418028	62606	VIC	415437
62469	VIC	470605 <sup>28</sup>	62522SF	VIC	9864S	62569	VIC	417352	62607	VIC	415437
62470	VIC	470605 <sup>28</sup>	62523	VIC	417158 <sup>28</sup>	62569	VIC	418028	6260707	GMC	472572 <sup>28</sup>
62471	VIC	470605 <sup>28</sup>	62524	VIC	416921 <sup>28</sup>	6256922	GMC	472705	6260718	GMC	473010 <sup>28</sup>
62472	VIC	415449 <sup>28</sup>	62525	VIC	416921 <sup>28</sup>	62570	VIC	417352	62608	VIC	416047
62473	VIC	415449 <sup>28</sup>	62526	VIC	416921 <sup>28</sup>	62570	VIC	418028	62608	VIC	416332 <sup>28</sup>
62474	VIC	415449 <sup>28</sup>	62527	VIC	416921 <sup>28</sup>	62571	VIC	417352	62609	VIC	416047
62475	VIC	415449 <sup>28</sup>	62527R91	IH	8650S	62571	VIC	418028	62609	VIC	416332 <sup>28</sup>
62476	VIC	416273	62528	VIC	417349 <sup>28</sup>	62572	C-R	415854	62610	VIC	416047
62477	VIC	416273	62529	VIC	100495	62572	SKF	415854	62610	VIC	416332 <sup>28</sup>
62478	VIC	416273	62529	VIC	415281N	62572	VIC	417353 <sup>28</sup>	62611	VIC	416047
62479	VIC	416273	62530	VIC	417349 <sup>28</sup>	62573	VIC	417353 <sup>28</sup>	62611	VIC	416332 <sup>28</sup>
6248	SABO	710331	62531	VIC	100495	6257354	GMC	472705 <sup>28</sup>	62612	VIC	415937 <sup>28</sup>
62480	VIC	413248	62531	VIC	415281N	62574	VIC	417353 <sup>28</sup>	62613	VIC	415937 <sup>28</sup>
62481	VIC	413248	62532	VIC	417350 <sup>28</sup>	62575	VIC	417353 <sup>28</sup>	62614	VIC	415937 <sup>28</sup>
62482	VIC	413248	62533	VIC	417350 <sup>28</sup>	6257604	GMC	7537S	62615	VIC	415937 <sup>28</sup>
624825	MICH	417596	62534	VIC	417350 <sup>28</sup>	6257C	DIA	450083	62616	VIC	417355 <sup>28</sup>
624825	UNIVE	417596	62535	C-R	417562	6257C	DIA	472924 <sup>28</sup>	62617	VIC	417355 <sup>28</sup>
62483	VIC	413248	62535	SKF	417562	6257C	WHITE	450083	62618	VIC	417355 <sup>28</sup>
62484	VIC	415483	62535	VIC	417350 <sup>28</sup>	6257C	WHITE	472924 <sup>28</sup>	62619	VIC	417355 <sup>28</sup>
62486	VIC	415458 <sup>28</sup>	62536	VIC	415836	6257LA	JN-MN	417316 <sup>28</sup>	62620	VIC	416125 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
62621	VIC	416125 <sup>28</sup>	62672	VIC	416556 <sup>28</sup>	6273	WOODB	470059	627D-198	BENDI	473240 <sup>28</sup>
62622	VIC	416125 <sup>28</sup>	62672	VIC	472157	6273	WOODB	470380 <sup>28</sup>	6280	C-R	471264 <sup>28</sup>
62623	VIC	416125 <sup>28</sup>	62673	VIC	416556 <sup>28</sup>	62732	VIC	417359	6280	SKF	471264
62624	VIC	416041	62673	VIC	472157	62733	VIC	417359	628009XX	TIMKE	62X80X9
62625	VIC	416041	62674	VIC	416556 <sup>28</sup>	62734	VIC	417359	628010XX	TIMKE	62X80X10
626257C91	IH	416666	62674	VIC	472157	62735	VIC	417359	62804	VIC	415498
626259C91	IH	415234 <sup>28</sup>	62675	VIC	416556 <sup>28</sup>	62736	VIC	417254	62806	VIC	415035 <sup>28</sup>
62626	VIC	416041	62675	VIC	472157	62737	VIC	417254	62806	VIC	455035
62627	VIC	416041	62677	VIC	415196 <sup>28</sup>	62738	VIC	417254	62808	VIC	417247 <sup>28</sup>
62628	VIC	415379	62677M	VIC	415196 <sup>28</sup>	62739	VIC	417254	62813	VIC	417365
62629	VIC	3893V <sup>28</sup>	62680	VIC	416891 <sup>28</sup>	6273946	GMC	722109	62815	VIC	410825
62630	VIC	415379	626800	MICH	416229	6273948	GMC	471271 <sup>28</sup>	62825	VIC	471785 <sup>28</sup>
62631	VIC	415379	62681	VIC	416891 <sup>28</sup>	6273949	GMC	416273	62827	VIC	471795
62632	VIC	417205 <sup>28</sup>	62682	VIC	416891 <sup>28</sup>	6273977	GMC	5131	62833	VIC	415009
62633	VIC	417205 <sup>28</sup>	62683	VIC	416891 <sup>28</sup>	62740	VIC	417360	62833	VIC	415960 <sup>28</sup>
62634	VIC	417205 <sup>28</sup>	62684	VIC	416135 <sup>28</sup>	62741	VIC	417360	628357	ALLCH	415991 <sup>28</sup>
62635	VIC	417205 <sup>28</sup>	62685	VIC	416135 <sup>28</sup>	62742	VIC	417360	628357	ALLCH	415991N
62636	VIC	416339	62686	VIC	416135 <sup>28</sup>	62743	VIC	417360	6283576	ALLCH	415991 <sup>28</sup>
62637	VIC	416339	62687	VIC	416135 <sup>28</sup>	62744	VIC	416107 <sup>28</sup>	6283576	ALLCH	415991N
62638	VIC	416339	6268SH	JN-MN	340495	62745	VIC	416107 <sup>28</sup>	62836R1	IH	473463
62639	VIC	416339	6268SS	JN-MN	343185	62746	VIC	416107 <sup>28</sup>	62837R11	IH	473463
6263LA	JN-MN	415295	62692	VIC	416153 <sup>28</sup>	62747	VIC	416107 <sup>28</sup>	62837R91	IH	473463
62640	VIC	417211 <sup>28</sup>	62693	VIC	416153 <sup>28</sup>	62748	VIC	417361	62839	VIC	471413 <sup>28</sup>
62641	VIC	417211 <sup>28</sup>	62694	VIC	416153 <sup>28</sup>	62749	VIC	417361	6283S	TIMKE	6283S
62642	VIC	417211 <sup>28</sup>	62695	VIC	416153 <sup>28</sup>	62750	VIC	417361	62840	VIC	471652
62643	VIC	417211 <sup>28</sup>	62696	VIC	416892 <sup>28</sup>	62751	VIC	417361	62841	VIC	471763
62648	VIC	415697 <sup>28</sup>	62697	VIC	416892 <sup>28</sup>	62752	VIC	417362 <sup>28</sup>	62842	VIC	471689 <sup>28</sup>
62649	VIC	415697 <sup>28</sup>	62698	VIC	416892 <sup>28</sup>	62753	VIC	417362 <sup>28</sup>	628485	ALLCH	415098N
6264R	JN-MN	417511	62699	VIC	416892 <sup>28</sup>	62754	VIC	417362 <sup>28</sup>	628508XX	TIMKE	62X85X8
62650	VIC	415697 <sup>28</sup>	6270	TIMKE	6270	62755	VIC	417362 <sup>28</sup>	62851	VIC	473237 <sup>28</sup>
62651	VIC	415697 <sup>28</sup>	62700	VIC	415138 <sup>28</sup>	62756	VIC	417363	62855	VIC	474276 <sup>28</sup>
62652	VIC	417366 <sup>28</sup>	62700	VIC	714750	62757	VIC	417363	62860	VIC	415295
62653	VIC	417366 <sup>28</sup>	62701	TROS	482041N	62758	VIC	417363	62863	VIC	J1825
62654	VIC	417366 <sup>28</sup>	62701	VIC	415138 <sup>28</sup>	62759	VIC	417363	62864	VIC	3813
62655	VIC	417366 <sup>28</sup>	62702	VIC	415138 <sup>28</sup>	62760	VIC	416666	62868	VIC	470605 <sup>28</sup>
62656	VIC	415035 <sup>28,29</sup>	62703	VIC	415138 <sup>28</sup>	62761	VIC	416666	62872	VIC	410987 <sup>28</sup>
62656	VIC	415953	62704	VIC	417247 <sup>28</sup>	62761A	VIC	416666	62872	VIC	470987
62657	VIC	415035 <sup>28</sup>	62705	VIC	417247 <sup>28</sup>	62762	VIC	416666	628823	ALLCH	410316
62657	VIC	455035	62706	VIC	417247 <sup>28</sup>	62763	VIC	416666	628823	ALLCH	472636 <sup>28</sup>
62657M	VIC	415035 <sup>28</sup>	62707	VIC	417247 <sup>28</sup>	62764	VIC	417364	628837	UNIVE	455584
62657M	VIC	455035	6270LA	JN-MN	417254	62765	VIC	417364	628838	MICH	455584
62658	SABO	710538	6270S	NATL	6270	62766	VIC	417364	62885D	IH	417316 <sup>28</sup>
62658	VIC	415035 <sup>29</sup>	62712	VIC	416865 <sup>28</sup>	62767	VIC	417364	62885D	IH	455004
62658	VIC	415953	62713	VIC	416865 <sup>28</sup>	62768	VIC	417365	62885M1	VIC	2628 <sup>28</sup>
62659	VIC	415035	62713	VIC	455070	62769	VIC	417365	62886D	IH	415025
62659	VIC	415953	62714	VIC	416865 <sup>28</sup>	62770	VIC	417365	628894	ALLCH	415379
62660	VIC	417356 <sup>28</sup>	62714H	IH	473473	62771	VIC	417365	628940	ALLCH	415304
62661	VIC	417356 <sup>28</sup>	62715	VIC	416865 <sup>28</sup>	62772	VIC	415072	628940	ALLCH	476470 <sup>28</sup>
62662	VIC	417356 <sup>28</sup>	62718	C-P	472560N <sup>28</sup>	62773	VIC	415072	628941	ALLCH	415147
62663	VIC	417356 <sup>28</sup>	62718	C-P	50151S	62774	VIC	415072	628941	ALLCH	415449 <sup>28</sup>
62664	VIC	417357	62720	VIC	417262 <sup>28</sup>	62775	VIC	415072	6289LA	JN-MN	415995 <sup>28</sup>
62665	VIC	417357	627209	CHRY	450273	62775TA	TRSCM	417562	6289LA	JN-MN	455013
62666	VIC	417357	62721	VIC	417262 <sup>28</sup>	62784	VIC	411376 <sup>28</sup>	62903SC	VIC	415984 <sup>28</sup>
62667	VIC	417357	62722	VIC	417262 <sup>28</sup>	627878	CHRY	473179 <sup>28</sup>	629040	ALLCH	415004
62668	AM WH	418028	62723	VIC	417262 <sup>28</sup>	62789	AM WH	471750 <sup>28</sup>	629040	ALLCH	417316 <sup>28</sup>
62668	AM WH	455137 <sup>28</sup>	62724	VIC	417358	62790	AM WH	455136	62922	VIC	471692 <sup>28</sup>
62668	VIC	416130 <sup>28</sup>	62725	VIC	417358	62793	VIC	416339	62925	VIC	417350 <sup>28</sup>
62669	VIC	416130 <sup>28</sup>	62726	VIC	417358	62794BX	OSHKO	416624 <sup>28</sup>	6292SS	JN-MN	472016 <sup>28,29</sup>
62670	VIC	416130 <sup>28</sup>	62727	VIC	417358	62796	VIC	416476 <sup>28</sup>	6293	C-R	710690
62671	VIC	416130 <sup>28</sup>	62728	VIC	415645 <sup>28</sup>	627981	SPERY	1049	6293	SKF	710690

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
62930	C-R	160X185X10	62X1402	GARLK	472018	62X2115	GARLK	415303 <sup>28</sup>	62X2915	GARLK	415725 <sup>28</sup>
62930	SKF	160X185X10	62X144	GARLK	471567 <sup>28</sup>	62X2124	GARLK	416921 <sup>28</sup>	62X2921	GARLK	416865 <sup>28</sup>
629317	CONTI	455080	62X147	GARLK	471643 <sup>28</sup>	62X2124	GARLK	455011	62X2922	GARLK	416865 <sup>28</sup>
62933	VIC	415958	62X1471	GARLK	471341 <sup>28</sup>	62X213	GARLK	471267 <sup>28</sup>	62X2922	GARLK	455070
629355R91	IH	470169	62X1473	GARLK	450441	62X215	GARLK	471570 <sup>28</sup>	62X2927	GARLK	417541
629355R91	IH	473214	62X1473	GARLK	471341 <sup>28</sup>	62X216	GARLK	471570 <sup>28</sup>	62X293	GARLK	471689 <sup>28</sup>
62940	C-R	160X190X15	62X1476	GARLK	410520	62X2168	GARLK	415281N	62X3059	GARLK	417262 <sup>28</sup>
62940	SKF	160X190X15	62X1476	GARLK	471272 <sup>28</sup>	62X2170	GARLK	415281N	62X3067	GARLK	415645 <sup>28</sup>
629419	CLARK	470712 <sup>28</sup>	62X148	GARLK	471643 <sup>28</sup>	62X2172	GARLK	417350 <sup>28</sup>	62X3067	GARLK	455104
6294LA	JN-MN	416339	62X1494	GARLK	450316	62X2172	GARLK	455479	62X3184	GARLK	416107 <sup>28</sup>
6294LA	JN-MN	455031 <sup>28</sup>	62X1494	GARLK	472636 <sup>28</sup>	62X2174	GARLK	415995V	62X3184	GARLK	455073
6295	C-R	714616	62X1504	GARLK	411376 <sup>28</sup>	62X2174	GARLK	455995N	62X323	GARLK	471651
6295	SKF	714616	62X1504	GARLK	455093	62X2177	GARLK	417351 <sup>28</sup>	62X3277	GARLK	417362 <sup>28</sup>
6295LA	JN-MN	415036 <sup>29</sup>	62X1505	GARLK	411376 <sup>28</sup>	62X2177	GARLK	455154	62X3278	GARLK	417363
62960	VIC	471750 <sup>28</sup>	62X1505	GARLK	455093	62X2180	GARLK	415086N	62X3279	GARLK	417363
6296LA	JN-MN	410737 <sup>28</sup>	62X159	GARLK	481443 <sup>28</sup>	62X2180	GARLK	417487 <sup>28</sup>	62X3280	GARLK	417363
6296LA	JN-MN	470737	62X1642	GARLK	470565 <sup>28</sup>	62X2183	GARLK	417488 <sup>28</sup>	62X3281	GARLK	416666
6298216	B-L-H	471231 <sup>28</sup>	62X1644	GARLK	470565 <sup>28</sup>	62X2186	GARLK	455019 <sup>28</sup>	62X3282	GARLK	416666
6298416	B-L-H	471281 <sup>28</sup>	62X1654	GARLK	413246	62X219	GARLK	471646 <sup>28</sup>	62X3283	GARLK	416666
6298LA	JN-MN	473463	62X1654	GARLK	413246N	62X2198	GARLK	455019 <sup>28</sup>	62X3355	GARLK	415683
62D48	CYCLO	471413 <sup>28</sup>	62X1656	GARLK	413246	62X2225	GARLK	416011	62X3367	GARLK	415072
62E365	CUSH	470625 <sup>28</sup>	62X1656	GARLK	413246N	62X2225	GARLK	417621 <sup>28</sup>	62X3384	GARLK	415074
62E446	CUSH	471571	62X1658	GARLK	412119 <sup>28</sup>	62X2237	GARLK	416297	62X3426	GARLK	415294 <sup>28</sup>
62E456	CUSH	471766 <sup>28</sup>	62X1658	GARLK	450101	62X224	GARLK	471137	62X3426	GARLK	455294
62-F95C	PUL	415995 <sup>28</sup>	62X1668	GARLK	416271 <sup>28</sup>	62X2270	GARLK	476470	62X351	GARLK	471652
62-F95C	PUL	455013	62X1680	GARLK	417480 <sup>28</sup>	62X2273	GARLK	417181 <sup>28</sup>	62X3518	GARLK	416044
62GT-1	TROS	9015S	62X1680	GARLK	455860	62X2327	GARLK	417354 <sup>28</sup>	62X353	GARLK	470189
62GT-2	TROS	9015S	62X175	GARLK	450431	62X2348	GARLK	417493	62X353	GARLK	471692 <sup>28</sup>
62X1007XX	TIMKE	62X100X7	62X175	GARLK	471539 <sup>28</sup>	62X2366	GARLK	415991	62X3544	GARLK	415867
62X1048	GARLK	450117	62X1750	GARLK	417073	62X2366	GARLK	455146 <sup>28</sup>	62X3601	GARLK	417601
62X1048	GARLK	472572 <sup>28</sup>	62X1752	GARLK	417073	62X2367	GARLK	415991	62X3610	GARLK	417604
62X1050	GARLK	450117	62X1807	GARLK	471271 <sup>28</sup>	62X2367	GARLK	455146 <sup>28</sup>	62X362	GARLK	471785 <sup>28</sup>
62X1050	GARLK	472572 <sup>28</sup>	62X1819	GARLK	415449 <sup>28</sup>	62X2369	GARLK	417196 <sup>28</sup>	62X3624	GARLK	415090
62X1057	GARLK	450082	62X1821	GARLK	415449 <sup>28</sup>	62X2372	GARLK	415437	62X3660	GARLK	417605
62X1057	GARLK	473238	62X1821	GARLK	455147	62X2393	GARLK	415711	62X3673	GARLK	417198
62X1069	GARLK	473240 <sup>28</sup>	62X1882	GARLK	413479	62X2417	GARLK	416047	62X37	GARLK	6863S <sup>28</sup>
62X1075	GARLK	473458	62X1939	GARLK	415483 <sup>28</sup>	62X2417	GARLK	416332 <sup>28</sup>	62X38	GARLK	6863S <sup>28</sup>
62X111	GARLK	471538 <sup>28</sup>	62X1939	GARLK	455368	62X2421	GARLK	415937 <sup>28</sup>	62X383	GARLK	472475
62X1114	GARLK	472319	62X1948	GARLK	417343 <sup>28</sup>	62X2462	GARLK	415379 <sup>28</sup>	62X385	GARLK	473426
62X1129	GARLK	472144 <sup>28</sup>	62X1993	GARLK	455434	62X2462	GARLK	455379	62X3869	GARLK	472705 <sup>28</sup>
62X113	GARLK	471553 <sup>28</sup>	62X2004	GARLK	455151	62X2501	GARLK	417211 <sup>28</sup>	62X387	GARLK	471765 <sup>28</sup>
62X1135	GARLK	472394	62X2032	GARLK	480491	62X2504	GARLK	416345 <sup>28</sup>	62X388	GARLK	471765 <sup>28</sup>
62X1150	GARLK	450472 <sup>28</sup>	62X2035	GARLK	416664 <sup>28</sup>	62X2519	GARLK	415304	62X390	GARLK	471354 <sup>28</sup>
62X1162	GARLK	450474	62X2035	GARLK	455364	62X2519	GARLK	476470 <sup>28</sup>	62X3921	GARLK	417601
62X1186	GARLK	471870 <sup>28</sup>	62X2038	GARLK	417484N	62X2537	GARLK	415035	62X3938	GARLK	417604
62X1186	GARLK	471883	62X2038	GARLK	455322	62X2537	GARLK	415953	62X3949	GARLK	455966
62X1189	GARLK	450389	62X2044	GARLK	417316 <sup>28</sup>	62X2600	GARLK	417511	62X3954	GARLK	455462
62X1189	GARLK	472492 <sup>28</sup>	62X2044	GARLK	455004	62X2636	GARLK	417513	62X4062	GARLK	415076
62X1191	GARLK	450389	62X2045	GARLK	417316 <sup>28</sup>	62X2663	GARLK	416891 <sup>28</sup>	62X424	GARLK	471750 <sup>28</sup>
62X1191	GARLK	472492 <sup>28</sup>	62X2045	GARLK	455004	62X270	GARLK	451583 <sup>28</sup>	62X425	GARLK	471750 <sup>28</sup>
62X1201	GARLK	470530 <sup>28</sup>	62X2046	GARLK	417316 <sup>28</sup>	62X2711	GARLK	416380 <sup>28</sup>	62X427	GARLK	471766 <sup>28</sup>
62X1204	GARLK	472397 <sup>28</sup>	62X2046	GARLK	455004	62X2723	GARLK	416149	62X430	GARLK	471787 <sup>28</sup>
62X1206	GARLK	450301	62X2047	GARLK	415960	62X2753	GARLK	416888 <sup>28</sup>	62X439	GARLK	471801 <sup>28</sup>
62X1206	GARLK	472397 <sup>28</sup>	62X2047	GARLK	455009	62X2759	GARLK	416892 <sup>28</sup>	62X441	GARLK	471801 <sup>28</sup>
62X1323	GARLK	470898	62X2048	GARLK	415960	62X2807	GARLK	416158	62X4503	GARLK	55301S
62X1329	GARLK	472015 <sup>28</sup>	62X2048	GARLK	455009	62X2837	GARLK	415138 <sup>28</sup>	62X4507	GARLK	455462
62X1332	GARLK	410308 <sup>28</sup>	62X2049	GARLK	415960	62X287	GARLK	471224 <sup>28</sup>	62X4560	GARLK	415294 <sup>28</sup>
62X1332	GARLK	450308	62X2049	GARLK	455009	62X288	GARLK	470120	62X4560	GARLK	455294
62X1340	GARLK	450121	62X2086	GARLK	455005	62X288	GARLK	471224 <sup>28</sup>	62X484	GARLK	472826 <sup>28</sup>
62X1340	GARLK	472409 <sup>28</sup>	62X2088	GARLK	455005	62X291	GARLK	471649 <sup>28</sup>	62X50	GARLK	471442 <sup>28</sup>

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
62X5246	GARLK	470548	62X859	GARLK	471981	63036J	TRISL	370001A	63089	VIC	470380 <sup>28</sup>
62X5246	GARLK	470625 <sup>28</sup>	62X85X8	TIMKE	62X85X8	63036J	TRISL	380001A	630895C1	IH	456967V <sup>28</sup>
62X535	GARLK	470774 <sup>28</sup>	62X85X8/10TAY	TRSCM	226285	63037	VIC	470898	6309	C-R	471264V
62X543	GARLK	471192	62X85X8SC	TRSCM	62X85X8 <sup>28</sup>	63037J	TRISL	370037A	6309	SKF	471264V
62X544	GARLK	473214 <sup>28</sup>	62X85X8TC	TRSCM	62X85X8 <sup>28</sup>	63037J	TRISL	370048A	63090	VIC	350156
62X546	GARLK	470169	62X87	GARLK	471466 <sup>28</sup>	63037J	TRISL	370182A	63090	VIC	473096
62X546	GARLK	473214	62X898	GARLK	470351	63037J	TRISL	370338A	6309007	HERCU	450593 <sup>28</sup>
62X548	GARLK	473215 <sup>28</sup>	62X898	GARLK	471504 <sup>28</sup>	63037J	TRISL	380048A	6309007A	HERCU	450593 <sup>28</sup>
62X55	GARLK	471549 <sup>28</sup>	62X904	GARLK	450494	63040	VIC	410101N	630919	STUDE	473473
62X550	GARLK	470950 <sup>28</sup>	62X904	GARLK	472164 <sup>28</sup>	63041	VIC	415449 <sup>28</sup>	63091J	TRISL	370023A
62X550	GARLK	6241S	62X906	GARLK	450352	63042	VIC	415001 <sup>28</sup>	63091J	TRISL	380023A
62X551	GARLK	470950 <sup>28</sup>	62X906	GARLK	472164 <sup>28</sup>	63043	VIC	475009N	63093J	TRISL	370124A
62X551	GARLK	6241S	62X907	GARLK	450070	63044	VIC	417344 <sup>28,29</sup>	63093J	TRISL	370131A
62X552	GARLK	470950 <sup>28</sup>	62X907	GARLK	472185 <sup>28</sup>	63045	VIC	417159 <sup>29</sup>	63093J	TRISL	380131A
62X552	GARLK	6241S	62X909	GARLK	450070	63046	VIC	475012N	6309745	HERCU	470027
62X592	GARLK	473224 <sup>28</sup>	62X909	GARLK	472185 <sup>28</sup>	6305	TMTR	472560N <sup>28</sup>	6309745	HERCU	471554 <sup>28</sup>
62X597	GARLK	473016 <sup>28</sup>	62X91	GARLK	471255 <sup>28</sup>	6305	TMTR	50151S	6309745A	HERCU	470027
62X624	GARLK	473439 <sup>28</sup>	62X913	GARLK	450183	63050	VIC	471141 <sup>28,29</sup>	6309745A	HERCU	471554 <sup>28</sup>
62X643	GARLK	470548	62X913	GARLK	472179	630508	STUDE	450066	630999	WILYS	450066
62X643	GARLK	470625 <sup>28</sup>	62X928	GARLK	471984	630508	STUDE	473367 <sup>28</sup>	630999	WILYS	473367 <sup>28</sup>
62X644	GARLK	470548	62X9808	GARLK	471689 <sup>28</sup>	63051	VIC	7208S	6309SS	JN-MN	471354 <sup>28,29</sup>
62X644	GARLK	470625 <sup>28</sup>	63	AU-WS	417344 <sup>28</sup>	63052	VIC	8160S	6310	HYST	415001 <sup>28</sup>
62X645	GARLK	470548	63	BL-KN	471267 <sup>28</sup>	63053	VIC	471829 <sup>29</sup>	6310	HYST	455001
62X645	GARLK	470625 <sup>28</sup>	63	WGEAR	417491	63053J	TRISL	370036A	63100	VIC	473234 <sup>28</sup>
62X646	GARLK	470059	63005	C-R	160X200X15	63053J	TRISL	370349A	63101	TROS	8974S
62X646	GARLK	470380 <sup>28</sup>	63005	SKF	160X200X15	63053J	TRISL	380036A	63102	TROS	8975S
62X648	GARLK	470059	63006	VIC	240319	63055	VIC	410520	63102	VIC	340850
62X648	GARLK	470380 <sup>28</sup>	6-3007	SPICE	442380	63055	VIC	471272 <sup>28</sup>	63103	VIC	471766 <sup>28</sup>
62X655	GARLK	450067	63008J	TRISL	370054A	630550	STUDE	473438	63104	VIC	343099
62X655	GARLK	473228	63009J	TRISL	370015A	63057	VIC	472397 <sup>28,29</sup>	63106	VIC	340385
62X657	GARLK	450067	63010J	TRISL	370013A	63060	VIC	473228	63107	VIC	412119 <sup>28,29</sup>
62X657	GARLK	473228	63013	VIC	415013	63060	VIC	51098	63109	VIC	476283N
62X664	GARLK	473440 <sup>28</sup>	63013	VIC	415995 <sup>28</sup>	63062	VIC	43095S <sup>28</sup>	6310SH	JN-MN	40286
62X700	GARLK	472213	63013J	TRISL	370036A	63062J	TRISL	370047A	631103C1	IH	470567N
62X707	GARLK	470064	63013J	TRISL	370349A	63063J	TRISL	370002A	63111	VIC	415016N
62X707	GARLK	471821 <sup>28</sup>	63013J	TRISL	380036A	63063J	TRISL	370169A	63112	VIC	417316 <sup>28</sup>
62X717	GARLK	470682	63014J	TRISL	370030A	630658	STUDE	473215 <sup>28</sup>	63113	VIC	472439 <sup>29</sup>
62X760	GARLK	470358	63016	VIC	416229	63066	VIC	470712 <sup>28</sup>	63114	VIC	475380N
62X760	GARLK	473231	63018	VIC	473210	63067	VIC	6460S	63116	CHECK	340797
62X762	GARLK	470358	63018J	TRISL	370009A	630680	FWD	473215 <sup>28</sup>	63116	VIC	200600
62X762	GARLK	473231	63018J	TRISL	380009A	630680	STUDE	473215 <sup>28</sup>	6312	TIMKE	6312
62X769	GARLK	450194	6301LA	JN-MN	417496 <sup>29</sup>	630680	WILYS	473215 <sup>28</sup>	63122	VIC	343185
62X769	GARLK	473010	630226	WILYS	41787S	63071	VIC	414045 <sup>28</sup>	63123	VIC	312518 <sup>28</sup>
62X77	GARLK	471532	63023J	TRISL	370065A	630724	WILYS	450078	6313046	H-S	450025
62X772	GARLK	450069	63023J	TRISL	380065A	630724	WILYS	473444	6313046	H-S	471553 <sup>28</sup>
62X772	GARLK	473232	63025	VIC	7300S	63074	VIC	472015 <sup>28</sup>	6313046	HERCU	450025
62X774	GARLK	450069	63026J	TRISL	370019A	63076	VIC	410737 <sup>28,29</sup>	6313046	HERCU	471553 <sup>28</sup>
62X774	GARLK	473232	63028J	TRISL	370007A	63077	VIC	417352	631305R91	IH	417079
62X80	GARLK	473405	63028J	TRISL	370057A	63077	VIC	418028	63132	VIC	343101
62X80X10	TIMKE	62X80X10	63030	VIC	473227 <sup>28,29</sup>	63079J	TRISL	370006A	63139	VIC	471443
62X80X10SC	TRSCM	62X80X10	63031	VIC	473228 <sup>28</sup>	63083J	TRISL	370007A	63139	VIC	481443 <sup>28</sup>
62X80X10TC	TRSCM	62X80X10	63032	VIC	472164 <sup>28</sup>	63084	VIC	470354	63140	VIC	355669
62X80X9	TIMKE	62X80X9	630327	ALLCH	471538 <sup>28</sup>	63085	VIC	410316	63142	VIC	340151
62X829	GARLK	473445	63033	VIC	471141 <sup>28,29</sup>	63085	VIC	472636 <sup>28</sup>	63145	VIC	350936
62X835	GARLK	450154	630334C91	IH	413248	63086	CLARK	471750 <sup>28</sup>	63148	VIC	351487
62X835	GARLK	473234	630335C91	IH	417344 <sup>28</sup>	63086	WAUKE	470219	63150	VIC	240733
62X837	GARLK	450154	63034	VIC	473179 <sup>28</sup>	63086	WAUKE	471649 <sup>28</sup>	631550	STUDE	473438
62X837	GARLK	473234	63034J	TRISL	370012A	63088J	TRISL	370031A	63156	VIC	343104
62X843	GARLK	470074	63035	VIC	472394	63088J	TRISL	380031A	63157	VIC	342805
62X843	GARLK	474265	63036	VIC	470530 <sup>28</sup>	63089	VIC	410059	63158	VIC	340847

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63159	VIC	343105 <sup>28</sup>	63241S	TROS	8597S	6330LPD	JN-MN	471733	63388	VIC	455031 <sup>28</sup>
63159	VIC	7399S	63243	VIC	471264 <sup>28</sup>	63310	VIC	204017	63391	VIC	416345 <sup>28</sup>
63160	VIC	340849	6324394A	HERCU	470219	63313	VIC	473235 <sup>28</sup>	63391	VIC	455033
63160S	TROS	8430S	6324394A	HERCU	471649 <sup>28</sup>	63314	VIC	473234 <sup>28,29</sup>	63392	VIC	415035 <sup>28</sup>
63161	VIC	340387	63246	VIC	327215	63316	VIC	6840S	63392	VIC	455035
63162	VIC	340826	63246	VIC	415035	63319	VIC	470351	63395	VIC	415064 <sup>29</sup>
63163	VIC	350954	63247	VIC	410085	63325	VIC	323119	63396	VIC	415725 <sup>28</sup>
63163	VIC	470954 <sup>28</sup>	63247	VIC	470530 <sup>28</sup>	63333	VIC	450291	634	CARVR	470163
63165	VIC	240731	6324867A	HERCU	350909	63333	VIC	471141 <sup>28</sup>	634	CARVR	471766 <sup>28</sup>
63166	VIC	340835	6324867A	HERCU	471224 <sup>28</sup>	63337	VIC	6781 <sup>29</sup>	634005	ALLCH	471765 <sup>28</sup>
6316675	H-S	481644	63250010	TROS	417541	63338	VIC	473450 <sup>28</sup>	63401S	TROS	8460N
6316675A	HERCU	481644	63251610	TROS	417547	63342	VIC	353120	634037	ALLCH	417344 <sup>28</sup>
63167	VIC	340151	63252410	TROS	455576 <sup>28</sup>	633433R91	IH	471831 <sup>28</sup>	634037	ALLCH	455006
63169	VIC	343186	63253210	TROS	417254	63344	VIC	6815	6340376	ALLCH	417344 <sup>28</sup>
63170	CHECK	8160S	63258	VIC	340724 <sup>28</sup>	633444R91	IH	471831 <sup>28</sup>	6340376	ALLCH	455006
63170	VIC	240356	63259	VIC	351466	633446R91	IH	472185 <sup>28</sup>	63413	VIC	470565 <sup>28</sup>
63171	VIC	240435	63259	VIC	471466 <sup>28</sup>	633447R91	IH	350414	63415	VIC	415085 <sup>28</sup>
631713R91	IH	417079	6325LA	JN-MN	416865 <sup>28</sup>	633447R91	IH	472311 <sup>28</sup>	63415	VIC	456648
63173	VIC	342517	6325LA	JN-MN	455070	63345	VIC	471195 <sup>28</sup>	63419	VIC	6336S
63174	VIC	415991	6325LUP	JN-MN	416865 <sup>28</sup>	63345	VIC	481195	63420	VIC	415836
63177	VIC	417621 <sup>28</sup>	632608	ALLCH	471413V	63347	VIC	6988H	63420	VIC	415995 <sup>28</sup>
63181	VIC	455194	63260S	TROS	8429S	63349	VIC	472144 <sup>28</sup>	634264C1	IH	473205 <sup>28</sup>
63183	MICH	450457	63261S	TROS	8549S	63351	VIC	450389	63427	VIC	416624 <sup>28</sup>
63184	VIC	350567	63264	VIC	471538 <sup>28</sup>	63351	VIC	472492 <sup>28</sup>	63429	VIC	472015 <sup>28</sup>
63184	VIC	471267 <sup>28</sup>	6326594A	HERCU	417205 <sup>28</sup>	63354	VIC	6879H	63431C1	IH	450048
63185	VIC	312518 <sup>28</sup>	63267	VIC	240816	63356	VIC	470308N	63433	VIC	473224
631850	CONTI	471766 <sup>28</sup>	6326964A	HERCU	471646 <sup>28</sup>	63360	VIC	410737 <sup>28,29</sup>	63435	VIC	471829
6318500	HERCU	415437	6326LA	JN-MN	411253 <sup>28</sup>	63361	VIC	450316	63436	VIC	473234 <sup>28</sup>
6318500A	HERCU	415437	6326LA	JN-MN	450099	63361	VIC	472636 <sup>28</sup>	63448	VIC	472324 <sup>28</sup>
63186	VIC	410308 <sup>28</sup>	63270	VIC	351267	63362	VIC	411253 <sup>28</sup>	634519	ALLCH	417269 <sup>28</sup>
63187	VIC	6906S <sup>29</sup>	63270	VIC	471267 <sup>28</sup>	63362	VIC	450099	63456	VIC	342613 <sup>28</sup>
63189	VIC	474278 <sup>28</sup>	6327026A	HERCU	471442 <sup>28</sup>	633630	ALLCH	450095	63457	VIC	343123
631919	STUDE	473473	63272	VIC	471270 <sup>28</sup>	633630	ALLCH	473464 <sup>28</sup>	63459	VIC	472397 <sup>28</sup>
63195	VIC	6370N <sup>29</sup>	63274	VIC	471354 <sup>28</sup>	63364	VIC	411394 <sup>28</sup>	634631	SPICE	455322V
63196	VIC	6636S	63278	VIC	470163	63364	VIC	450317	63470	VIC	473231 <sup>28</sup>
63198	VIC	417355 <sup>28</sup>	63278	VIC	471766 <sup>28</sup>	63365	VIC	475380N	634703	ALLCH	417344 <sup>28</sup>
63198	VIC	485497	6327LA	JN-MN	417196 <sup>28,29</sup>	63366	VIC	410496 <sup>28</sup>	63472	VIC	471419
63199	VIC	327303 <sup>28</sup>	63281	VIC	6370N	63366A	OSHKO	415234 <sup>28</sup>	63472	VIC	473367 <sup>28</sup>
631993R91	IH	417079	63282	VIC	473435	63367	VIC	415449 <sup>28</sup>	634723R91	IH	472144 <sup>28</sup>
63201D	IH	416163	63284	VIC	471192	63367	VIC	455147	63487	VIC	311189 <sup>29</sup>
63201S	TROS	8477S	63286	VIC	450776 <sup>28</sup>	6336LA	JN-MN	472636 <sup>28</sup>	63491	VIC	481644
63202	VIC	7600S	63287	VIC	472658	6336LUP	JN-MN	472636 <sup>28</sup>	63499	VIC	470380 <sup>28</sup>
63203	VIC	472409 <sup>28</sup>	63287	VIC	473197	6336S	TIMKE	6336S	63500	VIC	472397 <sup>28</sup>
6320331A	HERCU	471137	63288	VIC	6760S	63372	VIC	417343 <sup>28</sup>	63503	VIC	455079 <sup>28</sup>
632033R91	IH	471831 <sup>28</sup>	6328SS	JN-MN	470806 <sup>29</sup>	63374	VIC	417350 <sup>28</sup>	63503S	TROS	332062
63203S	TROS	473228	63290	VIC	3395 <sup>28</sup>	63374	VIC	455479	63504	VIC	415088
63203S	TROS	51098	63296	VIC	6759S	63377	VIC	456105 <sup>29</sup>	63506	VIC	455858
63209	VIC	450183	63298	VIC	470548	63378	VIC	476470	63507	VIC	476842
63209	VIC	472179	63298	VIC	470625 <sup>28</sup>	6338	VIC	471255 <sup>28</sup>	63517	VIC	340827
63213	VIC	343104	63299	VIC	470059	63380	VIC	455024	63518	VIC	323125
63215	VIC	471529	63299	VIC	470380 <sup>28</sup>	63381	VIC	417191	63518	VIC	450456 <sup>28</sup>
6321593	HERCU	471255 <sup>28</sup>	6329LA	JN-MN	450030	63382	VIC	415991	63519	VIC	321516
6321606A	HERCU	350156	6329LA	JN-MN	474253	63382	VIC	455146 <sup>28</sup>	63519	VIC	471516 <sup>28</sup>
6321606A	HERCU	473096	6329S	TIMKE	6329S	63383	VIC	345146	6352	SEAMA	470059
63226	VIC	415001 <sup>28</sup>	63301S	TROS	9178S	63384	VIC	415937 <sup>28</sup>	6352	SEAMA	470380 <sup>28</sup>
6323	C-R	41264S	63302	VIC	9613S	63386	VIC	415379 <sup>28</sup>	63527	VIC	417597
6323	SKF	41264S	63303	VIC	470380 <sup>28</sup>	63386	VIC	455379	63535	CHECK	5778
63232	VIC	330385 <sup>28</sup>	63303	VIC	472189A	63387	VIC	415379 <sup>28</sup>	63536	VIC	473016 <sup>28</sup>
63237	VIC	345035	63304	VIC	471344 <sup>29</sup>	63387	VIC	455379	63541	VIC	472287 <sup>28</sup>
63240	TROS	484058	6330LA	JN-MN	471733	63388	VIC	416339	63543	VIC	470487N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63544	VIC	474278 <sup>28</sup>	636-X1510	OLIVE	411253 <sup>28</sup>	637494	BENDI	415027 <sup>28</sup>	639635	CLARK	40316S
63546	VIC	473234 <sup>28</sup>	636-X1510	OLIVE	450099	637494	BENDI	455027	639837	CHRYS	474278 <sup>28</sup>
63550	VIC	470625 <sup>28</sup>	636-X1512	OLIVE	450400	637495	BENDI	416339	639837	CHRYS	480356
63550	VIC	5115	636-X1514	OLIVE	450326	637495	BENDI	455031 <sup>28</sup>	63986	AM WH	450291
63557	AM WH	415001 <sup>28</sup>	636-X1516	OLIVE	450115	637496	BENDI	415045 <sup>28</sup>	63986	AM WH	471141 <sup>28</sup>
63557	AM WH	455001	636-X1516	OLIVE	473467 <sup>28</sup>	637497	BENDI	415284	63C1-2S	TROS	8597S
63557	VIC	417316 <sup>28</sup>	6370	C-R	240023	637498	BENDI	417273	63CDP-2	TROS	484058
635571R91	IH	472185 <sup>28</sup>	6370	SKF	240023	637499	BENDI	416107 <sup>28</sup>	63GB-2S	TROS	473228
63560S	TROS	480479H	63702S	TROS	6329S	637499	BENDI	455073	63GB-2S	TROS	51098
63561S	TROS	471413 <sup>28</sup>	637088	WHITE	415098N	637500	BENDI	450039	63GC-4S	TROS	8460N
63565	VIC	470380 <sup>28</sup>	6370N	TIMKE	6370N	63753	WAUKE	471567 <sup>28</sup>	63GO-8S	TROS	472082
63567	AM WH	416476 <sup>28</sup>	6371	NATL	450539	63757	AM WH	450078	63GP-8S	TROS	332062
63567	AM WH	455075	63712	VIC	471442 <sup>28</sup>	63757	AM WH	473444	63GT-2	TROS	9015S
63567	VIC	472658	6372	C-R	471255 <sup>28</sup>	637705	STUDE	416738 <sup>28</sup>	63R-2S	TROS	8429S
63567	VIC	473197	6372	SKF	471255	637705	STUDE	450096	63RA-2S	TROS	8549S
63571	VIC	470605 <sup>28</sup>	6373	C-R	471255 <sup>28</sup>	637716	STUDE	450307	63S-7S	TROS	480479H
63573	WAUKE	481568 <sup>28</sup>	6373	SKF	471255	6379	C-R	471255V	63W-1S	TROS	8430S
635778	ALLCH	415013	63733	C-R	417563	6379	SKF	471255V	63X0005	GARLK	350364
635778	ALLCH	415995 <sup>28</sup>	63733	SKF	417563	63793C91	IH	470088	63X0101	GARLK	481073
6357S	TIMKE	6357S	63734	C-R	417563 <sup>29</sup>	6380	VIC	471255 <sup>28</sup>	63X0102	GARLK	481073
6358	TIMKE	6358	63734	SKF	417563	6380S	TIMKE	6380	63X0105	GARLK	481397
63580	VIC	471763	63735	VIC	415035	638137	CONTI	481568 <sup>28</sup>	63X0106	GARLK	481397
63584	VIC	472636 <sup>28</sup>	63738	VIC	417357	638175	OPEL	716484	63X0335	GARLK	473420
63584C1	IH	471795	63740C1	IH	473426	638185	OPEL	224520	63X0541	GARLK	471192
63588	VIC	470328	637462C1	IH	410708	638186	BEDFO	224520	63X0547	GARLK	473215 <sup>28</sup>
63588	VIC	481213 <sup>28</sup>	637467B	BENDI	473236 <sup>28</sup>	638187	OPEL	224520	63X0643	GARLK	470548
63592	VIC	415351 <sup>28</sup>	637470	BENDI	471570 <sup>28</sup>	638187	VAUXH	224520	63X1006	GARLK	473451 <sup>28</sup>
63594	VIC	415697 <sup>28</sup>	637471	BENDI	470045	638193	OPEL	224520	63X1012	GARLK	473452
63601	VIC	7412S	637471	BENDI	476838 <sup>28</sup>	638197	OPEL	224200	63X1021	GARLK	473453
63602S	TROS	472082	637473	BENDI	471750 <sup>28</sup>	638199	OPEL	224200	63X1023	GARLK	473453 <sup>29</sup>
63603	VIC	472705 <sup>28</sup>	637474B	BENDI	473212 <sup>28</sup>	6381LA	JN-MN	415394	63X1042	GARLK	472439 <sup>29</sup>
6361	FULLE	417191	637475	BENDI	473215 <sup>28</sup>	638269	OPEL	716484	63X1043	GARLK	472439 <sup>29</sup>
6361	FULLE	455165 <sup>28</sup>	637476	BENDI	470059	6383	C-R	471255V	63X1044	GARLK	472439
63612	VIC	472144 <sup>28</sup>	637476	BENDI	470380 <sup>28</sup>	6383	SKF	471255V	63X1045	GARLK	471868
636139	WILYS	41787S	637477	BENDI	450067	638336	ALLCH	473473	63X1047	GARLK	471868
63615	VIC	471529	637477	BENDI	473228	638507XX	TIMKE	63X85X7	63X1048	GARLK	450117
6362	NATL	440265	637480	BENDI	450070	63854	AM HO	417546 <sup>28</sup>	63X1048	GARLK	472572 <sup>28</sup>
63620	VIC	415836	637480	BENDI	472185 <sup>28</sup>	63854	MINMA	417546 <sup>28</sup>	63X1050	GARLK	450117
63620	VIC	415995 <sup>28</sup>	637481	BENDI	450076	638573F1	GARLK	415001 <sup>28</sup>	63X1050	GARLK	472572 <sup>28</sup>
63621	VIC	472324 <sup>28</sup>	637481	BENDI	470334 <sup>28</sup>	638573F1	GARLK	455001	63X1051	GARLK	473179 <sup>28</sup>
63622	VIC	450161	637482	BENDI	470088	638586	WILYS	450415	63X1052	GARLK	473179 <sup>28</sup>
63622	VIC	471764 <sup>28,29</sup>	637483	BENDI	450094	6385R	JN-MN	417780 <sup>29</sup>	63X1053	GARLK	473179 <sup>28</sup>
63624	VIC	470682	637483	BENDI	473462	6386	C-R	471564	63X1054	GARLK	414045 <sup>28,29</sup>
63625	VIC	471138 <sup>28</sup>	637484	BENDI	450085	6386	SKF	471564	63X1057	GARLK	450082
63625	VIC	472164 <sup>28</sup>	637484	BENDI	470530 <sup>28</sup>	638607	ALLCH	415458 <sup>28</sup>	63X1057	GARLK	473238
636288	ALLCH	415023	637485	BENDI	413469 <sup>28</sup>	638607	ALLCH	455003	63X1058	GARLK	450082
6362SS	JN-MN	330385 <sup>28</sup>	637486	BENDI	411253 <sup>28</sup>	63876PM	VIC	415027	63X1058	GARLK	473238
636367	STUDE	5751	637486	BENDI	450099	6388SS	JN-MN	472705 <sup>28,29</sup>	63X1059	GARLK	473238 <sup>28</sup>
636415R91	IH	352541	637487	BENDI	415001 <sup>28</sup>	639007XX	TIMKE	63X90X7	63X1060	GARLK	450084 <sup>28</sup>
63642	VIC	6460S	637487	BENDI	455001	639095	WILYS	340413	63X1062	GARLK	450084 <sup>28</sup>
63647	VIC	7840S	637488	BENDI	417316 <sup>28</sup>	63910	EATON	475003N	63X1063	GARLK	450298
636529	CONTI	471688	637488	BENDI	455004	639265	WILYS	5778	63X1063	GARLK	473239
636628R91	IH	471529	637489	BENDI	415960 <sup>28</sup>	63941	EATON	415259 <sup>28</sup>	63X1065	GARLK	450298
636635B	BENDI	470169	637489	BENDI	455009	639433	STUDE	8160S	63X1065	GARLK	473239
636635B	BENDI	473214 <sup>28</sup>	637490	BENDI	416921 <sup>28</sup>	639433	WILYS	8160S	63X1066	GARLK	473457 <sup>28</sup>
636636B	BENDI	471801 <sup>28</sup>	637490	BENDI	455011	639508	STUDE	450083	63X1069	GARLK	473240 <sup>28,29</sup>
636717B	BENDI	450183	637491	BENDI	415995 <sup>28</sup>	639508	STUDE	472924 <sup>28</sup>	63X1071	GARLK	473240 <sup>28</sup>
636717B	BENDI	472179	637491	BENDI	455013	63954	VIC	475380N	63X1075	GARLK	473458 <sup>29</sup>
636859B	BENDI	474255	637492	BENDI	415021	63961	TROS	472951	63X1076	GARLK	473458
6369SS	JN-MN	323138 <sup>28</sup>	637493	BENDI	415023	63961	TROS	474252	63X1078	GARLK	472439 <sup>29</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X1081	GARLK	471868 <sup>29</sup>	63X1190	GARLK	450389	63X1321	GARLK	450867	63X1410	GARLK	472020 <sup>29</sup>
63X1084	GARLK	450117	63X1190	GARLK	472492 <sup>28</sup>	63X1321	GARLK	470898	63X1414	GARLK	470354 <sup>29</sup>
63X1084	GARLK	472572 <sup>28</sup>	63X1191	GARLK	450389	63X1322	GARLK	450867	63X1415	GARLK	470354
63X109	GARLK	471529	63X1191	GARLK	472492 <sup>28</sup>	63X1322	GARLK	470898	63X1416	GARLK	470354 <sup>29</sup>
63X1090	GARLK	414045 <sup>28,29</sup>	63X1198	GARLK	472924 <sup>28</sup>	63X1323	GARLK	450365	63X142	GARLK	470027
63X110	GARLK	471529	63X1199	GARLK	472924 <sup>28</sup>	63X1323	GARLK	470898	63X142	GARLK	471554 <sup>28</sup>
63X1105	GARLK	473240 <sup>28,29</sup>	63X1200	GARLK	450083	63X1324	GARLK	450115	63X1420	GARLK	473245 <sup>28,29</sup>
63X111	GARLK	471538 <sup>28,29</sup>	63X1200	GARLK	472924 <sup>28</sup>	63X1324	GARLK	473467	63X1422	GARLK	470351
63X1114	GARLK	472319	63X1201	GARLK	470530 <sup>28</sup>	63X1326	GARLK	450115	63X1422	GARLK	471504 <sup>28</sup>
63X1116	GARLK	472319	63X1203	GARLK	470530 <sup>28</sup>	63X1326	GARLK	473467	63X1423	GARLK	412943 <sup>29</sup>
63X1117	GARLK	471869	63X1204	GARLK	450301	63X1327	GARLK	472015 <sup>28</sup>	63X1425	GARLK	412943 <sup>29</sup>
63X1117	GARLK	473459	63X1204	GARLK	472397 <sup>28</sup>	63X1328	GARLK	472015 <sup>28</sup>	63X1426	GARLK	413472
63X1119	GARLK	471869	63X1205	GARLK	450301	63X1329	GARLK	472015 <sup>28</sup>	63X1428	GARLK	413472
63X1119	GARLK	473459	63X1205	GARLK	472397 <sup>28</sup>	63X1330	GARLK	410308 <sup>28</sup>	63X143	GARLK	471567 <sup>28</sup>
63X112	GARLK	471538 <sup>28</sup>	63X1206	GARLK	450301	63X1330	GARLK	450308	63X1432	GARLK	416268
63X1120	GARLK	473241	63X1206	GARLK	472397 <sup>28</sup>	63X1331	GARLK	410308 <sup>28</sup>	63X1434	GARLK	416268
63X1122	GARLK	473241	63X1207	GARLK	473463 <sup>29</sup>	63X1331	GARLK	450308	63X1435	GARLK	472234 <sup>29</sup>
63X1129	GARLK	472144 <sup>28</sup>	63X1209	GARLK	473463	63X1332	GARLK	410308 <sup>28</sup>	63X1438	GARLK	472018 <sup>29</sup>
63X113	GARLK	471553 <sup>28</sup>	63X121	GARLK	470506 <sup>28</sup>	63X1332	GARLK	450308	63X144	GARLK	471567 <sup>28</sup>
63X1130	GARLK	472144 <sup>28</sup>	63X1210	GARLK	473242 <sup>29</sup>	63X1333	GARLK	410312N	63X1441	GARLK	473471 <sup>29</sup>
63X1131	GARLK	472144 <sup>28,29</sup>	63X1212	GARLK	473242	63X1334	GARLK	410312N	63X1444	GARLK	472020 <sup>29</sup>
63X1132	GARLK	473460	63X1216	GARLK	450095	63X1335	GARLK	410312N	63X145	GARLK	471498 <sup>29</sup>
63X1134	GARLK	473460	63X1216	GARLK	473464 <sup>28</sup>	63X1339	GARLK	450121	63X1450	GARLK	470354 <sup>29</sup>
63X1135	GARLK	472394 <sup>29</sup>	63X1217	GARLK	450095	63X1339	GARLK	472409 <sup>28</sup>	63X146	GARLK	471498
63X1137	GARLK	472394	63X1217	GARLK	473464 <sup>28</sup>	63X1341	GARLK	450121	63X147	GARLK	471643 <sup>28</sup>
63X1138	GARLK	473461 <sup>28</sup>	63X1218	GARLK	450095	63X1341	GARLK	472409 <sup>28</sup>	63X1471	GARLK	471341 <sup>28</sup>
63X1139	GARLK	473461 <sup>28</sup>	63X1218	GARLK	473464 <sup>28</sup>	63X1345	GARLK	473243	63X1473	GARLK	450441
63X114	GARLK	450025	63X1222	GARLK	450083	63X1346	GARLK	473243	63X1473	GARLK	471341 <sup>28</sup>
63X114	GARLK	471553 <sup>28</sup>	63X1222	GARLK	472924 <sup>28</sup>	63X1346	GARLK	473243	63X1474	GARLK	410520
63X1141	GARLK	471391 <sup>28,29</sup>	63X1225	GARLK	470530 <sup>28</sup>	63X1347	GARLK	473243	63X1474	GARLK	471272 <sup>28</sup>
63X1142	GARLK	471391 <sup>28,29</sup>	63X1228	GARLK	450301	63X1348	GARLK	413469 <sup>28,29</sup>	63X1474	GARLK	471272 <sup>28</sup>
63X1143	GARLK	471391 <sup>28</sup>	63X1228	GARLK	472397 <sup>28</sup>	63X1349	GARLK	413469 <sup>28,29</sup>	63X1475	GARLK	410520
63X1147	GARLK	450094	63X1231	GARLK	473463 <sup>29</sup>	63X1350	GARLK	413469 <sup>28,29</sup>	63X1475	GARLK	471272 <sup>28</sup>
63X1147	GARLK	473462	63X1240	GARLK	450095	63X1357	GARLK	416267 <sup>28,29</sup>	63X1476	GARLK	410520
63X1148	GARLK	450094	63X1240	GARLK	473464 <sup>28</sup>	63X1359	GARLK	416267 <sup>28</sup>	63X1476	GARLK	471272 <sup>28</sup>
63X1148	GARLK	473462	63X1246	GARLK	412027 <sup>29</sup>	63X1363	GARLK	450115	63X1477	GARLK	473473 <sup>29</sup>
63X1149	GARLK	450094	63X1252	GARLK	451948	63X1365	GARLK	473467	63X1479	GARLK	473473
63X1149	GARLK	473462	63X1253	GARLK	451948	63X1365	GARLK	450115	63X1480	GARLK	471138 <sup>28</sup>
63X115	GARLK	471579	63X1254	GARLK	451948	63X1369	GARLK	473467	63X1481	GARLK	471138 <sup>28</sup>
63X1150	GARLK	450472 <sup>28</sup>	63X1255	GARLK	473466	63X1369	GARLK	410308 <sup>28</sup>	63X1482	GARLK	471138 <sup>28</sup>
63X1150	GARLK	450472 <sup>28</sup>	63X1255	GARLK	473466	63X1369	GARLK	450308	63X1486	GARLK	410737 <sup>28</sup>
63X1153	GARLK	473241	63X1258	GARLK	472012	63X1372	GARLK	410312N	63X1486	GARLK	450737
63X1154	GARLK	473241 <sup>29</sup>	63X1260	GARLK	472012	63X1378	GARLK	450621 <sup>29</sup>	63X149	GARLK	471684 <sup>28</sup>
63X116	GARLK	471579 <sup>29</sup>	63X1261	GARLK	450307 <sup>29</sup>	63X1384	GARLK	450869 <sup>29</sup>	63X149	GARLK	471698
63X1162	GARLK	450474 <sup>29</sup>	63X1263	GARLK	450307	63X1385	GARLK	450869 <sup>29</sup>	63X1492	GARLK	472636 <sup>28</sup>
63X1165	GARLK	50528 <sup>29</sup>	63X1264	GARLK	450311 <sup>29</sup>	63X1396	GARLK	416267 <sup>28,29</sup>	63X1493	GARLK	472636 <sup>28</sup>
63X1166	GARLK	50528 <sup>29</sup>	63X1266	GARLK	450311	63X1398	GARLK	416267 <sup>28</sup>	63X1494	GARLK	450316
63X1167	GARLK	50528	63X1270	GARLK	416738 <sup>28</sup>	63X1399	GARLK	450489	63X1494	GARLK	472636 <sup>28</sup>
63X1171	GARLK	473461 <sup>28</sup>	63X1270	GARLK	450096	63X1399	GARLK	473244	63X1495	GARLK	411253 <sup>28</sup>
63X1174	GARLK	471391 <sup>28,29</sup>	63X1276	GARLK	450313	63X14	GARLK	330385 <sup>28</sup>	63X1495	GARLK	450099
63X1180	GARLK	450094	63X1278	GARLK	450313	63X1400	GARLK	450489	63X1496	GARLK	411253 <sup>28</sup>
63X1180	GARLK	473462	63X1282	GARLK	451948	63X1400	GARLK	473244	63X1496	GARLK	450099
63X1186	GARLK	471870 <sup>28</sup>	63X1285	GARLK	473466 <sup>29</sup>	63X1401	GARLK	450489	63X1497	GARLK	411253 <sup>28</sup>
63X1186	GARLK	471883	63X1288	GARLK	472012 <sup>29</sup>	63X1401	GARLK	473244	63X1497	GARLK	450099
63X1187	GARLK	471870 <sup>28</sup>	63X1291	GARLK	450307 <sup>29</sup>	63X1402	GARLK	472018	63X1498	GARLK	412920 <sup>28</sup>
63X1187	GARLK	471883	63X1294	GARLK	450311 <sup>29</sup>	63X1403	GARLK	472018	63X1498	GARLK	450132
63X1188	GARLK	471870 <sup>28</sup>	63X13	GARLK	330385 <sup>28</sup>	63X1404	GARLK	472018 <sup>29</sup>	63X1499	GARLK	412920 <sup>28</sup>
63X1188	GARLK	471883	63X1300	GARLK	416738 <sup>28</sup>	63X1405	GARLK	473471 <sup>29</sup>	63X1499	GARLK	450132
63X1189	GARLK	450389	63X1300	GARLK	450096	63X1406	GARLK	473471	63X15	GARLK	350156
63X1189	GARLK	472492 <sup>28</sup>	63X1306	GARLK	450313 <sup>29</sup>	63X1406	GARLK	473471	63X15	GARLK	473096
63X119	GARLK	471642	63X1312	GARLK	450343 <sup>29</sup>	63X1407	GARLK	473471	63X15	GARLK	473096
						63X1408	GARLK	472020 <sup>29</sup>	63X150	GARLK	471684 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X150	GARLK	471698	63X165	GARLK	481644	63X1746	GARLK	450104	63X1841	GARLK	471271 <sup>28</sup>
63X1500	GARLK	412920 <sup>28</sup>	63X1650	GARLK	473475 <sup>29</sup>	63X1747	GARLK	411245 <sup>28</sup>	63X185	GARLK	471686
63X1500	GARLK	450132	63X1654	GARLK	413246	63X1747	GARLK	455096	63X1852	GARLK	415449 <sup>28</sup>
63X1501	GARLK	455136 <sup>29</sup>	63X1654	GARLK	413246N	63X1749	GARLK	411245 <sup>28</sup>	63X1852	GARLK	455147
63X1504	GARLK	411376 <sup>28</sup>	63X1655	GARLK	413246	63X1749	GARLK	455096	63X1855	GARLK	415001 <sup>28</sup>
63X1504	GARLK	455093	63X1655	GARLK	413246N	63X175	GARLK	450431	63X1855	GARLK	455001
63X1505	GARLK	411376 <sup>28</sup>	63X1656	GARLK	413246	63X175	GARLK	471539 <sup>28</sup>	63X1857	GARLK	415001 <sup>28</sup>
63X1505	GARLK	455093	63X1656	GARLK	413246N	63X1750	GARLK	417073 <sup>29</sup>	63X1857	GARLK	455001
63X1506	GARLK	411376 <sup>28</sup>	63X1657	GARLK	412119 <sup>28</sup>	63X1751	GARLK	417073 <sup>29</sup>	63X1858	GARLK	416273 <sup>28</sup>
63X1506	GARLK	455093	63X1657	GARLK	450101	63X1752	GARLK	417073	63X1861	GARLK	455079 <sup>28,29</sup>
63X1507	GARLK	472299 <sup>29</sup>	63X1658	GARLK	412119 <sup>28</sup>	63X176	GARLK	450431	63X187	GARLK	473412 <sup>29</sup>
63X1510	GARLK	410520	63X1658	GARLK	450101	63X176	GARLK	471539 <sup>28</sup>	63X1882	GARLK	413479 <sup>29</sup>
63X1510	GARLK	471272 <sup>28</sup>	63X1659	GARLK	412119 <sup>28</sup>	63X177	GARLK	471231 <sup>28</sup>	63X1885	GARLK	415302 <sup>29</sup>
63X1522	GARLK	410737 <sup>28</sup>	63X1659	GARLK	450101	63X1771	GARLK	412040 <sup>29</sup>	63X1886	GARLK	415302 <sup>29</sup>
63X1522	GARLK	450737	63X166	GARLK	481644 <sup>29</sup>	63X178	GARLK	471231 <sup>28</sup>	63X1887	GARLK	415302
63X1528	GARLK	470645 <sup>29</sup>	63X1660	GARLK	413247 <sup>28</sup>	63X1780	GARLK	450104 <sup>29</sup>	63X1888	GARLK	455311 <sup>29</sup>
63X153	GARLK	470390 <sup>29</sup>	63X1660	GARLK	450350	63X1783	GARLK	411245 <sup>28</sup>	63X189	GARLK	471729 <sup>29</sup>
63X1531	GARLK	411253 <sup>28</sup>	63X1661	GARLK	413247 <sup>28</sup>	63X1783	GARLK	455096	63X1890	GARLK	455311
63X1531	GARLK	450099	63X1661	GARLK	450350	63X179	GARLK	450030	63X1891	GARLK	415988 <sup>29</sup>
63X1534	GARLK	412920 <sup>28</sup>	63X1662	GARLK	413247 <sup>28</sup>	63X179	GARLK	474253	63X1892	GARLK	415988 <sup>29</sup>
63X1534	GARLK	450132	63X1662	GARLK	450350	63X18	GARLK	471103 <sup>28</sup>	63X1893	GARLK	415988 <sup>29</sup>
63X1537	GARLK	455136 <sup>29</sup>	63X1663	GARLK	410987 <sup>28</sup>	63X18	GARLK	50197S	63X1894	GARLK	417481 <sup>29</sup>
63X1540	GARLK	411376 <sup>28</sup>	63X1663	GARLK	450103	63X180	GARLK	450030	63X1896	GARLK	417481 <sup>29</sup>
63X1540	GARLK	455093	63X1666	GARLK	416271 <sup>28,29</sup>	63X180	GARLK	474253	63X1897	GARLK	455280 <sup>29</sup>
63X1546	GARLK	415234 <sup>28,29</sup>	63X1668	GARLK	416271 <sup>28</sup>	63X1801	GARLK	472029	63X1899	GARLK	455280
63X1549	GARLK	415259 <sup>28,29</sup>	63X1669	GARLK	412861	63X1802	GARLK	472029 <sup>29</sup>	63X1909	GARLK	411330N
63X155	GARLK	473407 <sup>29</sup>	63X167	GARLK	471337	63X1803	GARLK	472029 <sup>29</sup>	63X1912	GARLK	415302 <sup>29</sup>
63X156	GARLK	473407	63X1671	GARLK	412861	63X1804	GARLK	410752	63X1915	GARLK	455311 <sup>29</sup>
63X1561	GARLK	472150 <sup>29</sup>	63X1672	GARLK	410825	63X1806	GARLK	410752	63X1918	GARLK	415988 <sup>29</sup>
63X1563	GARLK	472150	63X1675	GARLK	416071 <sup>29</sup>	63X1807	GARLK	471271 <sup>28</sup>	63X1921	GARLK	417481 <sup>29</sup>
63X157	GARLK	470601	63X1677	GARLK	416071	63X1808	GARLK	471271 <sup>28</sup>	63X1924	GARLK	455280 <sup>29</sup>
63X1573	GARLK	411394 <sup>28</sup>	63X1678	GARLK	417480 <sup>28</sup>	63X1809	GARLK	450519	63X1926	GARLK	455280 <sup>29</sup>
63X1573	GARLK	450317	63X1678	GARLK	455860	63X1809	GARLK	471271 <sup>28</sup>	63X1927	GARLK	412871 <sup>28</sup>
63X1575	GARLK	411394 <sup>28</sup>	63X1679	GARLK	417480 <sup>28</sup>	63X181	GARLK	450588 <sup>29</sup>	63X1927	GARLK	450329
63X1575	GARLK	450317	63X1679	GARLK	455860	63X1810	GARLK	410496 <sup>28</sup>	63X193	GARLK	472452
63X1576	GARLK	410694 <sup>28,29</sup>	63X1680	GARLK	417480 <sup>28</sup>	63X1812	GARLK	410496 <sup>28</sup>	63X1930	GARLK	412871 <sup>28</sup>
63X1578	GARLK	410694 <sup>28,29</sup>	63X1680	GARLK	455860	63X1813	GARLK	470605 <sup>28,29</sup>	63X1930	GARLK	450329
63X1579	GARLK	450133 <sup>29</sup>	63X1687	GARLK	473475 <sup>29</sup>	63X1815	GARLK	470605 <sup>28,29</sup>	63X1932	GARLK	412871 <sup>28</sup>
63X158	GARLK	470601	63X169	GARLK	474273	63X1819	GARLK	415449 <sup>28</sup>	63X1932	GARLK	450329
63X1581	GARLK	450133 <sup>29</sup>	63X1693	GARLK	413246	63X1820	GARLK	415449 <sup>28</sup>	63X1933	GARLK	413248
63X1585	GARLK	416444 <sup>29</sup>	63X1693	GARLK	413246N	63X1821	GARLK	415449 <sup>28</sup>	63X1935	GARLK	413248
63X1587	GARLK	416444	63X1696	GARLK	412119 <sup>28</sup>	63X1821	GARLK	455147	63X1936	GARLK	450412 <sup>29</sup>
63X159	GARLK	481443 <sup>28</sup>	63X1696	GARLK	450101	63X1822	GARLK	415001 <sup>28</sup>	63X1939	GARLK	415483 <sup>28</sup>
63X1594	GARLK	455321 <sup>29</sup>	63X1699	GARLK	413247 <sup>28</sup>	63X1822	GARLK	455001	63X1939	GARLK	455368
63X1596	GARLK	455321	63X1699	GARLK	450350	63X1823	GARLK	415001 <sup>28</sup>	63X1941	GARLK	415483 <sup>28</sup>
63X16	GARLK	350156	63X17	GARLK	471103 <sup>28</sup>	63X1823	GARLK	455001	63X1941	GARLK	455368
63X16	GARLK	473096	63X17	GARLK	50197S	63X1824	GARLK	415001 <sup>28</sup>	63X1945	GARLK	415458 <sup>28</sup>
63X160	GARLK	481443 <sup>28,29</sup>	63X1705	GARLK	416271 <sup>28,29</sup>	63X1824	GARLK	455001	63X1945	GARLK	455003
63X1600	GARLK	472150 <sup>29</sup>	63X1714	GARLK	416071 <sup>29</sup>	63X1825	GARLK	416273	63X1946	GARLK	415458 <sup>28</sup>
63X1602	GARLK	472150	63X1723	GARLK	471887	63X1826	GARLK	416273 <sup>28</sup>	63X1946	GARLK	455003
63X161	GARLK	481568 <sup>28</sup>	63X1725	GARLK	471887	63X1827	GARLK	416273 <sup>28</sup>	63X1947	GARLK	415458 <sup>28</sup>
63X1612	GARLK	411394 <sup>28</sup>	63X1735	GARLK	412040 <sup>29</sup>	63X1828	GARLK	455079 <sup>28,29</sup>	63X1947	GARLK	455003
63X1612	GARLK	450317	63X1737	GARLK	412040	63X183	GARLK	471645	63X1948	GARLK	417343 <sup>28,29</sup>
63X162	GARLK	481443 <sup>28</sup>	63X1738	GARLK	411500 <sup>29</sup>	63X1830	GARLK	455079 <sup>28</sup>	63X195	GARLK	473414 <sup>29</sup>
63X1633	GARLK	455321 <sup>29</sup>	63X1740	GARLK	411500 <sup>29</sup>	63X1831	GARLK	415082 <sup>29</sup>	63X1950	GARLK	417343 <sup>28</sup>
63X1639	GARLK	473474 <sup>29</sup>	63X1741	GARLK	413478 <sup>29</sup>	63X1834	GARLK	455655 <sup>28,29</sup>	63X1951	GARLK	415007 <sup>29</sup>
63X1641	GARLK	473474	63X1742	GARLK	413478 <sup>29</sup>	63X1836	GARLK	455655 <sup>28,29</sup>	63X1952	GARLK	415007 <sup>29</sup>
63X1642	GARLK	470565 <sup>28</sup>	63X1743	GARLK	413478 <sup>29</sup>	63X1840	GARLK	450519	63X1954	GARLK	417082 <sup>29</sup>
63X1644	GARLK	470565 <sup>28</sup>	63X1744	GARLK	450104 <sup>29</sup>	63X1840	GARLK	471271 <sup>28</sup>	63X1955	GARLK	417082 <sup>29</sup>
63X1648	GARLK	473475 <sup>29</sup>	63X1745	GARLK	450104 <sup>29</sup>	63X1841	GARLK	450519	63X1956	GARLK	417082

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X1960	GARLK	413248	63X2065	GARLK	417316 <sup>28</sup>	63X2160	GARLK	417159 <sup>29</sup>	63X273	GARLK	471648 <sup>29</sup>
63X1966	GARLK	415483 <sup>28</sup>	63X2065	GARLK	455004	63X2163	GARLK	416654 <sup>28</sup>	63X274	GARLK	471648 <sup>29</sup>
63X1966	GARLK	455368	63X2067	GARLK	417316 <sup>28</sup>	63X2163	GARLK	455012	63X275	GARLK	471688
63X1972	GARLK	415458 <sup>28</sup>	63X2067	GARLK	455004	63X2166	GARLK	417486 <sup>29</sup>	63X276	GARLK	471688
63X1972	GARLK	455003	63X2068	GARLK	415960	63X2168	GARLK	415281N	63X277	GARLK	450040 <sup>29</sup>
63X1975	GARLK	417343 <sup>28,29</sup>	63X2068	GARLK	455009	63X2169	GARLK	415281N	63X278	GARLK	450040
63X1978	GARLK	415007 <sup>29</sup>	63X2086	GARLK	455005 <sup>29</sup>	63X217	GARLK	471633 <sup>28</sup>	63X279	GARLK	451082 <sup>29</sup>
63X1981	GARLK	417082 <sup>29</sup>	63X2088	GARLK	455005	63X2170	GARLK	415281N	63X285	GARLK	450339 <sup>29</sup>
63X1987	GARLK	415302	63X2089	GARLK	417485 <sup>29</sup>	63X2171	GARLK	417350 <sup>28</sup>	63X286	GARLK	450339
63X199	GARLK	473414 <sup>29</sup>	63X2090	GARLK	417485 <sup>29</sup>	63X2171	GARLK	455479	63X287	GARLK	471224 <sup>28</sup>
63X1993	GARLK	455434 <sup>29</sup>	63X2091	GARLK	417485 <sup>29</sup>	63X2172	GARLK	417350 <sup>28</sup>	63X288	GARLK	470120
63X1994	GARLK	455434 <sup>29</sup>	63X2092	GARLK	475384 <sup>29</sup>	63X2172	GARLK	455479	63X288	GARLK	471224 <sup>28</sup>
63X2002	GARLK	455151 <sup>29</sup>	63X2093	GARLK	475384	63X2173	GARLK	417350 <sup>28</sup>	63X289	GARLK	473380 <sup>29</sup>
63X2003	GARLK	455151 <sup>29</sup>	63X2094	GARLK	475384 <sup>29</sup>	63X2173	GARLK	455479	63X290	GARLK	473380
63X2004	GARLK	455151	63X2101	GARLK	455005 <sup>29</sup>	63X2174	GARLK	415995 <sup>28</sup>	63X291	GARLK	471649 <sup>28</sup>
63X2005	GARLK	455008 <sup>29</sup>	63X2103	GARLK	455005	63X2174	GARLK	455013	63X292	GARLK	470219
63X2006	GARLK	455008 <sup>29</sup>	63X2104	GARLK	417485 <sup>29</sup>	63X2175	GARLK	415995 <sup>28</sup>	63X292	GARLK	471649 <sup>28</sup>
63X2007	GARLK	455008 <sup>29</sup>	63X2115	GARLK	415303 <sup>28</sup>	63X2175	GARLK	455013	63X293	GARLK	471689 <sup>28</sup>
63X2014	GARLK	455434 <sup>29</sup>	63X2117	GARLK	415303 <sup>28</sup>	63X2176	GARLK	415995 <sup>28</sup>	63X294	GARLK	471689 <sup>28</sup>
63X2023	GARLK	455151 <sup>29</sup>	63X2118	GARLK	417344 <sup>28</sup>	63X2176	GARLK	455013	63X295	GARLK	450593 <sup>28,29</sup>
63X2025	GARLK	455151	63X2118	GARLK	455006	63X218	GARLK	471633 <sup>28</sup>	63X296	GARLK	450593 <sup>28</sup>
63X2026	GARLK	455008 <sup>29</sup>	63X2120	GARLK	417344 <sup>28</sup>	63X2189	GARLK	55548	63X297	GARLK	471733 <sup>29</sup>
63X2028	GARLK	455008 <sup>29</sup>	63X2120	GARLK	455006	63X219	GARLK	471646 <sup>28</sup>	63X298	GARLK	471733
63X203	GARLK	473415 <sup>29</sup>	63X2121	GARLK	417158 <sup>28</sup>	63X2190	GARLK	55548 <sup>29</sup>	63X299	GARLK	471744 <sup>28,29</sup>
63X2032	GARLK	480491 <sup>29</sup>	63X2121	GARLK	455355	63X2191	GARLK	55548 <sup>29</sup>	63X2994	GARLK	417258
63X2034	GARLK	480491	63X2122	GARLK	417158 <sup>28</sup>	63X2196	GARLK	455820 <sup>29</sup>	63X2995	GARLK	417258 <sup>29</sup>
63X2035	GARLK	416664 <sup>28</sup>	63X2122	GARLK	455355	63X2197	GARLK	455820 <sup>29</sup>	63X300	GARLK	471744 <sup>28</sup>
63X2035	GARLK	455364	63X2123	GARLK	417158 <sup>28</sup>	63X220	GARLK	471646 <sup>28</sup>	63X301	GARLK	471760 <sup>29</sup>
63X2036	GARLK	416664 <sup>28</sup>	63X2123	GARLK	455355	63X221	GARLK	470590 <sup>29</sup>	63X302	GARLK	471760
63X2036	GARLK	455364	63X2124	GARLK	416921 <sup>28</sup>	63X222	GARLK	470590	63X303	GARLK	453165
63X2037	GARLK	416664 <sup>28</sup>	63X2124	GARLK	455011	63X2223	GARLK	455020 <sup>29</sup>	63X303	GARLK	471619 <sup>28</sup>
63X2037	GARLK	455364	63X2125	GARLK	416921 <sup>28</sup>	63X2224	GARLK	455020 <sup>29</sup>	63X304	GARLK	453165
63X2038	GARLK	417484N	63X2125	GARLK	455011	63X2225	GARLK	416011	63X304	GARLK	471619 <sup>28</sup>
63X2038	GARLK	455322	63X2126	GARLK	416921 <sup>28</sup>	63X2225	GARLK	417621 <sup>28</sup>	63X305	GARLK	471076
63X2039	GARLK	417484N	63X2126	GARLK	455011	63X223	GARLK	471137 <sup>29</sup>	63X306	GARLK	471076
63X2039	GARLK	455322	63X2127	GARLK	417134	63X224	GARLK	471137	63X307	GARLK	481650
63X204	GARLK	473415	63X2128	GARLK	417134	63X225	GARLK	471730 <sup>29</sup>	63X308	GARLK	481650 <sup>29</sup>
63X2040	GARLK	417484N	63X213	GARLK	471267 <sup>28</sup>	63X226	GARLK	471730	63X323	GARLK	471651
63X2040	GARLK	455322	63X2132	GARLK	417344 <sup>28</sup>	63X229	GARLK	470645 <sup>29</sup>	63X324	GARLK	471651 <sup>29</sup>
63X2041	GARLK	415984 <sup>28</sup>	63X2132	GARLK	455006	63X241	GARLK	450038 <sup>29</sup>	63X325	GARLK	471705 <sup>28</sup>
63X2043	GARLK	415984 <sup>28</sup>	63X2135	GARLK	416404 <sup>28,29</sup>	63X2436	GARLK	415832 <sup>29</sup>	63X326	GARLK	471705 <sup>28</sup>
63X2044	GARLK	417316 <sup>28</sup>	63X2138	GARLK	416921 <sup>28</sup>	63X2437	GARLK	415832 <sup>29</sup>	63X327	GARLK	450043
63X2044	GARLK	455004	63X2138	GARLK	455011	63X251	GARLK	471571	63X327	GARLK	473419
63X2045	GARLK	417316 <sup>28</sup>	63X214	GARLK	471267 <sup>28</sup>	63X2510	GARLK	417366 <sup>28</sup>	63X328	GARLK	450043
63X2045	GARLK	455004	63X2146	GARLK	416956 <sup>29</sup>	63X2513	GARLK	415958 <sup>28</sup>	63X328	GARLK	473419
63X2046	GARLK	417316 <sup>28</sup>	63X2147	GARLK	416956 <sup>29</sup>	63X2513	GARLK	455958	63X329	GARLK	471735 <sup>29</sup>
63X2046	GARLK	455004	63X2148	GARLK	416956	63X252	GARLK	471571 <sup>29</sup>	63X330	GARLK	471735
63X2047	GARLK	415960	63X2149	GARLK	417159 <sup>29</sup>	63X255	GARLK	471647 <sup>29</sup>	63X331	GARLK	450342
63X2047	GARLK	455009	63X215	GARLK	471570 <sup>28</sup>	63X256	GARLK	471647 <sup>29</sup>	63X333	GARLK	471762 <sup>28</sup>
63X2048	GARLK	415960	63X2150	GARLK	417159 <sup>29</sup>	63X257	GARLK	472951	63X334	GARLK	471762 <sup>28</sup>
63X2048	GARLK	455009	63X2151	GARLK	417159 <sup>29</sup>	63X257	GARLK	474252	63X335	GARLK	473420 <sup>29</sup>
63X2049	GARLK	415960	63X2152	GARLK	416654 <sup>28</sup>	63X258	GARLK	472951	63X336	GARLK	473420
63X2049	GARLK	455009	63X2152	GARLK	455012	63X258	GARLK	474252	63X341	GARLK	450044 <sup>29</sup>
63X2050	GARLK	416706 <sup>28</sup>	63X2153	GARLK	416654 <sup>28</sup>	63X259	GARLK	450039 <sup>29</sup>	63X347	GARLK	450159 <sup>29</sup>
63X2050	GARLK	455272	63X2153	GARLK	455012	63X260	GARLK	450039	63X35	GARLK	472810 <sup>28</sup>
63X2052	GARLK	416706 <sup>28</sup>	63X2154	GARLK	416654 <sup>28</sup>	63X269	GARLK	451583 <sup>28</sup>	63X351	GARLK	471652
63X2052	GARLK	455272	63X2154	GARLK	455012	63X270	GARLK	451583 <sup>28</sup>	63X352	GARLK	471652
63X2059	GARLK	417484N	63X2155	GARLK	417486 <sup>29</sup>	63X2706	GARLK	417238	63X353	GARLK	470189
63X2059	GARLK	455322	63X2157	GARLK	416956 <sup>29</sup>	63X2707	GARLK	417238 <sup>29</sup>	63X353	GARLK	471692 <sup>28</sup>
63X2062	GARLK	415984 <sup>28</sup>	63X216	GARLK	471570 <sup>28,29</sup>	63X271	GARLK	450545 <sup>29</sup>	63X354	GARLK	470189

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X354	GARLK	471692 <sup>28</sup>	63X426	GARLK	471750 <sup>28</sup>	63X4667	GARLK	55548 <sup>29</sup>	63X4788	GARLK	415066 <sup>29</sup>
63X3547	GARLK	415482	63X427	GARLK	471766 <sup>28</sup>	63X4668	GARLK	417541 <sup>29</sup>	63X4789	GARLK	415327 <sup>29</sup>
63X355	GARLK	470045	63X428	GARLK	470163	63X4669	GARLK	416892 <sup>28</sup>	63X4790	GARLK	416288 <sup>28,29</sup>
63X355	GARLK	476838 <sup>28</sup>	63X428	GARLK	471766 <sup>28</sup>	63X4670	GARLK	450083	63X4792	GARLK	471354 <sup>28,29</sup>
63X3552	GARLK	415551 <sup>29</sup>	63X43	GARLK	320457 <sup>29</sup>	63X4670	GARLK	472924 <sup>28</sup>	63X4800	GARLK	417020 <sup>29</sup>
63X356	GARLK	470045	63X430	GARLK	471787 <sup>28</sup>	63X4671	GARLK	470351	63X4801	GARLK	415227 <sup>28,29</sup>
63X356	GARLK	476838 <sup>28</sup>	63X431	GARLK	471787 <sup>28</sup>	63X4671	GARLK	471504 <sup>28</sup>	63X4802	GARLK	450545
63X357	GARLK	470712 <sup>28</sup>	63X433	GARLK	450177 <sup>29</sup>	63X4672	GARLK	450352	63X4804	GARLK	417487
63X358	GARLK	470712 <sup>28</sup>	63X436	GARLK	471795	63X4672	GARLK	472164 <sup>28</sup>	63X4804	GARLK	455086
63X359	GARLK	471763 <sup>29</sup>	63X437	GARLK	471795	63X4677	GARLK	472560N <sup>28</sup>	63X4806	GARLK	455129 <sup>29</sup>
63X36	GARLK	472810 <sup>28</sup>	63X438	GARLK	471795	63X4677	GARLK	50151S	63X4808	GARLK	417247 <sup>28,29</sup>
63X360	GARLK	471763	63X439	GARLK	471801 <sup>28</sup>	63X4681	GARLK	415124 <sup>29</sup>	63X4809	GARLK	415294 <sup>28</sup>
63X361	GARLK	471785 <sup>28</sup>	63X44	GARLK	320457	63X4682	GARLK	417351 <sup>28</sup>	63X4809	GARLK	455294
63X362	GARLK	471785 <sup>28</sup>	63X440	GARLK	471801 <sup>28</sup>	63X4682	GARLK	455154	63X482	GARLK	473210
63X363	GARLK	471736	63X441	GARLK	471801 <sup>28</sup>	63X4686	GARLK	417344 <sup>28</sup>	63X4825	GARLK	417254 <sup>29</sup>
63X365	GARLK	473428 <sup>29</sup>	63X442	GARLK	471808 <sup>28,29</sup>	63X4686	GARLK	455006	63X4828	GARLK	416865 <sup>28,29</sup>
63X367	GARLK	450161	63X443	GARLK	471808 <sup>28,29</sup>	63X4688	GARLK	415645 <sup>28</sup>	63X4832	GARLK	415303 <sup>28</sup>
63X367	GARLK	471764 <sup>28</sup>	63X444	GARLK	471808 <sup>28</sup>	63X4688	GARLK	455104	63X4836	GARLK	417247 <sup>28,29</sup>
63X369	GARLK	473427 <sup>29</sup>	63X445	GARLK	471818 <sup>29</sup>	63X4691	GARLK	473475 <sup>29</sup>	63X4837	GARLK	415196 <sup>28,29</sup>
63X37	GARLK	6863S <sup>28</sup>	63X446	GARLK	471818 <sup>29</sup>	63X4693	GARLK	472144 <sup>28,29</sup>	63X4838	GARLK	413469 <sup>28,29</sup>
63X370	GARLK	473427	63X447	GARLK	471818 <sup>29</sup>	63X4695	GARLK	416229 <sup>29</sup>	63X4838F1	GARLK	413469 <sup>28</sup>
63X374	GARLK	450362 <sup>29</sup>	63X448	GARLK	470050 <sup>29</sup>	63X4704	GARLK	471785 <sup>28</sup>	63X484	GARLK	472826 <sup>28</sup>
63X38	GARLK	6863S <sup>28</sup>	63X4483	GARLK	415442 <sup>28</sup>	63X4710	GARLK	455026 <sup>29</sup>	63X4842	GARLK	471472 <sup>28</sup>
63X383	GARLK	472475 <sup>29</sup>	63X4484	GARLK	455396 <sup>29</sup>	63X4712	GARLK	456105 <sup>29</sup>	63X4844	GARLK	415001 <sup>28</sup>
63X384	GARLK	472475	63X45	GARLK	470004 <sup>28</sup>	63X4717	GARLK	455019 <sup>28</sup>	63X4844	GARLK	455001
63X385	GARLK	473426 <sup>29</sup>	63X451	GARLK	473424 <sup>28</sup>	63X4718	GARLK	473212 <sup>28</sup>	63X4847	GARLK	450431
63X386	GARLK	473426	63X4560	GARLK	415294 <sup>28</sup>	63X4720	GARLK	416107 <sup>28</sup>	63X4847	GARLK	471539 <sup>28</sup>
63X3863	GARLK	350435	63X4560	GARLK	455294	63X4720	GARLK	455073	63X485	GARLK	472826 <sup>28</sup>
63X3869	GARLK	472705 <sup>28</sup>	63X4579	GARLK	470088	63X4723	GARLK	417134	63X4854	GARLK	415035
63X387	GARLK	471765 <sup>28</sup>	63X4580	GARLK	415023	63X4727	GARLK	416865 <sup>28,29</sup>	63X4854	GARLK	415953
63X3871	GARLK	450342	63X4584	GARLK	472658	63X4729	GARLK	457874	63X4855	GARLK	481537 <sup>29</sup>
63X3872	GARLK	471747 <sup>28</sup>	63X4584	GARLK	473197	63X4732	GARLK	417196 <sup>28,29</sup>	63X4861	GARLK	473226 <sup>29</sup>
63X3872	GARLK	472674	63X4586	GARLK	471570 <sup>28</sup>	63X4734	GARLK	415082 <sup>29</sup>	63X4862	GARLK	471870 <sup>28</sup>
63X3873	GARLK	471747 <sup>28</sup>	63X4589	GARLK	450400 <sup>29</sup>	63X4735	GARLK	411376 <sup>28</sup>	63X4862	GARLK	471883
63X3873	GARLK	472674	63X4590	GARLK	450352	63X4735	GARLK	455093	63X4865	GARLK	417254 <sup>29</sup>
63X3874	GARLK	471747 <sup>28</sup>	63X4590	GARLK	472164 <sup>28</sup>	63X4735F1	GARLK	411376 <sup>28</sup>	63X487	GARLK	473421 <sup>29</sup>
63X3874	GARLK	472674	63X4592	GARLK	450365	63X4736	GARLK	55028 <sup>29</sup>	63X4871	GARLK	470954 <sup>28,29</sup>
63X3876	GARLK	473425	63X4592	GARLK	470898	63X4738	GARLK	416011	63X4872	GARLK	417597 <sup>29</sup>
63X3879	GARLK	472536	63X4593	GARLK	411330N	63X4738	GARLK	417621 <sup>28</sup>	63X4873	GARLK	416888 <sup>28</sup>
63X388	GARLK	471765 <sup>28</sup>	63X46	GARLK	470004 <sup>28</sup>	63X4740	GARLK	414045 <sup>28,29</sup>	63X4873	GARLK	455200
63X3880	GARLK	471344 <sup>29</sup>	63X4600	GARLK	472432	63X4745	GARLK	415991	63X4876	GARLK	455406 <sup>28,29</sup>
63X3883	GARLK	473442 <sup>28,29</sup>	63X4600	GARLK	474256	63X4745	GARLK	455146 <sup>28</sup>	63X4878	GARLK	417602 <sup>28</sup>
63X3885	GARLK	470088 <sup>29</sup>	63X4603	GARLK	471231 <sup>28</sup>	63X4752	GARLK	417512 <sup>29</sup>	63X4882	GARLK	417262 <sup>28</sup>
63X3887	GARLK	471841	63X4605	GARLK	470027	63X4754	GARLK	470027	63X4882	GARLK	455448
63X3889	GARLK	450965 <sup>29</sup>	63X4605	GARLK	471554 <sup>28</sup>	63X4754	GARLK	471554 <sup>28</sup>	63X4883	GARLK	417269 <sup>28</sup>
63X389	GARLK	471354 <sup>28,29</sup>	63X4610	GARLK	415871 <sup>29</sup>	63X4766	GARLK	450069	63X4891	GARLK	471862 <sup>29</sup>
63X39	GARLK	474277	63X4640	GARLK	415991	63X4766	GARLK	473232	63X4897	GARLK	415025 <sup>29</sup>
63X390	GARLK	471354 <sup>28</sup>	63X4640	GARLK	455146 <sup>28</sup>	63X4766R1	GARLK	473232 <sup>28</sup>	63X4899	GARLK	455536 <sup>29</sup>
63X3902	GARLK	455080 <sup>29</sup>	63X4645	GARLK	450143	63X4768	GARLK	415482 <sup>29</sup>	63X49	GARLK	471442 <sup>28</sup>
63X3904	GARLK	472234 <sup>29</sup>	63X4646	GARLK	412119 <sup>28</sup>	63X4771	GARLK	416892 <sup>28</sup>	63X490	GARLK	473211 <sup>28,29</sup>
63X394	GARLK	473205	63X4646	GARLK	450101	63X4772	GARLK	416345 <sup>28</sup>	63X4900	GARLK	471391 <sup>28,29</sup>
63X3949	GARLK	455966	63X4651	GARLK	415035 <sup>28</sup>	63X4772	GARLK	455033	63X4902	GARLK	417269 <sup>28</sup>
63X397	GARLK	474255	63X4651	GARLK	455035	63X4774	GARLK	55078S <sup>29</sup>	63X4904	GARLK	416556 <sup>28</sup>
63X398	GARLK	474255	63X4652	GARLK	416239 <sup>28,29</sup>	63X4775	GARLK	417526 <sup>29</sup>	63X4904	GARLK	472157
63X399	GARLK	474255	63X4654	GARLK	417172 <sup>29</sup>	63X4780	GARLK	416892 <sup>28</sup>	63X4908F1	GARLK	471529
63X40	GARLK	474277	63X4659	GARLK	450489	63X4781	GARLK	471549 <sup>28</sup>	63X491	GARLK	473211 <sup>28</sup>
63X403	GARLK	450048 <sup>29</sup>	63X4659	GARLK	473244	63X4783	GARLK	417541 <sup>29</sup>	63X4912	GARLK	415150 <sup>28</sup>
63X405	GARLK	450173 <sup>29</sup>	63X4662	GARLK	470506 <sup>28</sup>	63X4784	GARLK	415072 <sup>29</sup>	63X4914	GARLK	416271 <sup>28,29</sup>
63X424	GARLK	471750 <sup>28</sup>	63X4665	GARLK	450316	63X4785	GARLK	415124 <sup>29</sup>	63X4916	GARLK	450365
63X425	GARLK	471750 <sup>28</sup>	63X4665	GARLK	472636 <sup>28</sup>	63X4787	GARLK	476470	63X4916	GARLK	470898

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X492	GARLK	473211 <sup>28,29</sup>	63X507	GARLK	481834	63X56	GARLK	471549 <sup>28</sup>	63X603	GARLK	470062
63X4924	GARLK	417597 <sup>29</sup>	63X5078	GARLK	450301	63X5656	GARLK	473426	63X603	GARLK	474264
63X4925	GARLK	417606 <sup>29</sup>	63X5078	GARLK	472397 <sup>28</sup>	63X5657F1	GARLK	471466 <sup>28</sup>	63X6062	GARLK	472810 <sup>28</sup>
63X4928	GARLK	416154 <sup>28,29</sup>	63X5079	GARLK	416339	63X566	GARLK	50126	63X607	GARLK	473226 <sup>29</sup>
63X4929	GARLK	455462 <sup>29</sup>	63X5079	GARLK	455031 <sup>28</sup>	63X5704	GARLK	471737	63X608	GARLK	473226 <sup>29</sup>
63X493	GARLK	473212 <sup>28</sup>	63X51	GARLK	471526 <sup>28</sup>	63X5713	GARLK	473227	63X609	GARLK	473226
63X4934	GARLK	415066 <sup>29</sup>	63X511	GARLK	473435 <sup>29</sup>	63X5886	GARLK	455008 <sup>29</sup>	63X6099	GARLK	481397 <sup>29</sup>
63X4938	GARLK	412920 <sup>28</sup>	63X514	GARLK	473436 <sup>29</sup>	63X5887	GARLK	473446 <sup>29</sup>	63X610	GARLK	473437 <sup>29</sup>
63X4938	GARLK	450132	63X520	GARLK	450054 <sup>29</sup>	63X5892	GARLK	416888 <sup>28</sup>	63X612	GARLK	473437
63X4938F1	GARLK	412920 <sup>28</sup>	63X5208F1	GARLK	417211 <sup>28</sup>	63X5892	GARLK	455200	63X6127	GARLK	471231 <sup>28</sup>
63X494	GARLK	473212 <sup>28</sup>	63X5256F1	GARLK	472179	63X5893	GARLK	472810 <sup>28</sup>	63X613	GARLK	471862
63X4945	GARLK	416738 <sup>28</sup>	63X5268F1	GARLK	473440 <sup>28</sup>	63X5897	GARLK	455080 <sup>29</sup>	63X6141F1	GARLK	473244 <sup>28</sup>
63X4945	GARLK	450096	63X5283F1	GARLK	472492 <sup>28</sup>	63X5900	GARLK	473466 <sup>29</sup>	63X615	GARLK	471862
63X495	GARLK	473212 <sup>28</sup>	63X5295	GARLK	471744 <sup>28</sup>	63X5906	GARLK	417020 <sup>29</sup>	63X619	GARLK	473438 <sup>29</sup>
63X4958	GARLK	411394 <sup>28</sup>	63X53	GARLK	471472 <sup>28</sup>	63X5907	GARLK	416404 <sup>28,29</sup>	63X6192	GARLK	470806 <sup>29</sup>
63X4958	GARLK	450317	63X535	GARLK	470403	63X5912	GARLK	417548 <sup>29</sup>	63X621	GARLK	473438
63X4959	GARLK	416268	63X535	GARLK	470774 <sup>28</sup>	63X5913	GARLK	472018 <sup>29</sup>	63X622	GARLK	473439 <sup>28,29</sup>
63X496	GARLK	473213 <sup>28</sup>	63X536	GARLK	470403	63X5914	GARLK	450194	63X6224	GARLK	480630 <sup>28</sup>
63X4966	GARLK	417247 <sup>28,29</sup>	63X536	GARLK	470774 <sup>28</sup>	63X5914	GARLK	473010	63X6224	GARLK	480991
63X4967	GARLK	417549 <sup>28,29</sup>	63X537	GARLK	470403	63X592	GARLK	473224 <sup>28,29</sup>	63X6230	GARLK	470358
63X4968	GARLK	416144 <sup>29</sup>	63X537	GARLK	470774 <sup>28</sup>	63X5920	GARLK	417567 <sup>29</sup>	63X6230	GARLK	473231
63X497	GARLK	473213 <sup>28</sup>	63X538	GARLK	472287 <sup>28,29</sup>	63X5922	GARLK	415281N	63X6231	GARLK	470358
63X4976	GARLK	472843 <sup>29</sup>	63X5387F1	GARLK	415449 <sup>28</sup>	63X5925	GARLK	417486 <sup>29</sup>	63X6231	GARLK	473231
63X498	GARLK	473213 <sup>28</sup>	63X5387R1	GARLK	415449 <sup>28</sup>	63X5929	GARLK	415551 <sup>29</sup>	63X624	GARLK	473439 <sup>28,29</sup>
63X4982	GARLK	417547 <sup>29</sup>	63X539	GARLK	472287 <sup>28,29</sup>	63X593	GARLK	473224 <sup>28</sup>	63X6245	GARLK	450400 <sup>29</sup>
63X4987	GARLK	415458 <sup>28</sup>	63X5393	GARLK	450066	63X5930	GARLK	417211 <sup>28</sup>	63X6252	GARLK	450494
63X4987	GARLK	455003	63X5393	GARLK	473367 <sup>28</sup>	63X5933	GARLK	55301S <sup>29</sup>	63X6252	GARLK	472164 <sup>28</sup>
63X4988	GARLK	470403	63X5394F1	GARLK	471785 <sup>28</sup>	63X5937	GARLK	482310	63X6266	GARLK	417474 <sup>29</sup>
63X4988	GARLK	470774 <sup>28</sup>	63X5398	GARLK	412871 <sup>28</sup>	63X5938	GARLK	415371 <sup>29</sup>	63X6271	GARLK	470625 <sup>28,29</sup>
63X4991	GARLK	455480 <sup>28</sup>	63X5398	GARLK	450329	63X594	GARLK	473224 <sup>28,29</sup>	63X6272	GARLK	450389
63X4992	GARLK	473237 <sup>28</sup>	63X54	GARLK	471472 <sup>28</sup>	63X5945	GARLK	417278 <sup>29</sup>	63X6272	GARLK	472492 <sup>28</sup>
63X4998	GARLK	417486 <sup>29</sup>	63X541	GARLK	471192	63X5947	GARLK	411253 <sup>28</sup>	63X6289	GARLK	471498 <sup>29</sup>
63X5	GARLK	350364	63X542	GARLK	471192	63X5947	GARLK	450099	63X6300	GARLK	476514
63X50	GARLK	471442 <sup>28</sup>	63X543	GARLK	471192	63X5948	GARLK	415984 <sup>28</sup>	63X6328	GARLK	416011
63X5002	GARLK	415683 <sup>29</sup>	63X544	GARLK	470169	63X595	GARLK	473016 <sup>28,29</sup>	63X6328	GARLK	417621 <sup>28</sup>
63X5005	GARLK	450183	63X544	GARLK	473214	63X5953	GARLK	417357	63X6333	GARLK	455330 <sup>28</sup>
63X5005	GARLK	472179	63X545	GARLK	470169	63X5953	GARLK	455192 <sup>28</sup>	63X6335	GARLK	455583N <sup>28,29</sup>
63X5007	GARLK	472287 <sup>28,29</sup>	63X545	GARLK	473214	63X5957	GARLK	471413 <sup>28</sup>	63X6340	GARLK	417600 <sup>29</sup>
63X5008	GARLK	415437 <sup>28</sup>	63X546	GARLK	470169	63X5959	GARLK	415090 <sup>29</sup>	63X6353	GARLK	473405 <sup>29</sup>
63X5008	GARLK	455173	63X546	GARLK	473214	63X596	GARLK	473016 <sup>28,29</sup>	63X6356	GARLK	476470 <sup>29</sup>
63X5025	GARLK	416288 <sup>28,29</sup>	63X547	GARLK	473215 <sup>28,29</sup>	63X5960	GARLK	417606 <sup>29</sup>	63X6356	GARLK	476470 <sup>29</sup>
63X5028	GARLK	455476 <sup>29</sup>	63X548	GARLK	473215 <sup>28,29</sup>	63X5966	GARLK	450183	63X6358	GARLK	415991
63X5030	GARLK	415023	63X549	GARLK	473215 <sup>28</sup>	63X5966	GARLK	472179	63X6358	GARLK	455146 <sup>28</sup>
63X5031	GARLK	415072 <sup>29</sup>	63X5496	GARLK	473439 <sup>28</sup>	63X5968	GARLK	473474	63X6359	GARLK	416047
63X5041	GARLK	471538 <sup>28,29</sup>	63X55	GARLK	471549 <sup>28</sup>	63X5969	GARLK	455509	63X6359	GARLK	416332 <sup>28</sup>
63X5041F1	GARLK	471538 <sup>28</sup>	63X550	GARLK	470950 <sup>28</sup>	63X597	GARLK	473016 <sup>28</sup>	63X6360	GARLK	415035 <sup>28</sup>
63X5043	GARLK	415371 <sup>29</sup>	63X550	GARLK	6241S	63X5978	GARLK	473380 <sup>29</sup>	63X6360	GARLK	455035
63X5049	GARLK	415034 <sup>28</sup>	63X5501	GARLK	450523	63X5980	GARLK	412119 <sup>28</sup>	63X6361	GARLK	415196 <sup>28,29</sup>
63X5049	GARLK	455034	63X551	GARLK	470950 <sup>28</sup>	63X5980	GARLK	450101	63X6363	GARLK	416888 <sup>28</sup>
63X505	GARLK	481834	63X551	GARLK	6241S	63X5981	GARLK	55078S <sup>29</sup>	63X6363	GARLK	455200
63X5050	GARLK	350364 <sup>29</sup>	63X552	GARLK	470950 <sup>28</sup>	63X5983	GARLK	415036 <sup>29</sup>	63X6365	GARLK	415725 <sup>28</sup>
63X5051	GARLK	417539 <sup>28,29</sup>	63X552	GARLK	6241S	63X599	GARLK	473225 <sup>28,29</sup>	63X6366	GARLK	417549 <sup>28,29</sup>
63X5053	GARLK	473242 <sup>29</sup>	63X556	GARLK	450444	63X6	GARLK	350364 <sup>29</sup>	63X6369	GARLK	417515 <sup>29</sup>
63X5059	GARLK	417351 <sup>28</sup>	63X556	GARLK	471835 <sup>28</sup>	63X60	GARLK	471530	63X6370	GARLK	416229 <sup>29</sup>
63X5059	GARLK	455154	63X5560	GARLK	411253 <sup>28</sup>	63X600	GARLK	473225 <sup>28</sup>	63X6374	GARLK	416364 <sup>28,29</sup>
63X5060	GARLK	455336 <sup>29</sup>	63X5560	GARLK	450099	63X601	GARLK	470062	63X6375	GARLK	416239 <sup>28,29</sup>
63X5061	GARLK	415483 <sup>28</sup>	63X557	GARLK	450444	63X601	GARLK	474264	63X6378	GARLK	415867 <sup>29</sup>
63X5061	GARLK	455368	63X557	GARLK	471835 <sup>28</sup>	63X602	GARLK	470062	63X6385	GARLK	417603 <sup>28</sup>
63X5063	GARLK	55028 <sup>29</sup>	63X5581	GARLK	415458 <sup>28</sup>	63X602	GARLK	474264	63X6387	GARLK	55301S <sup>29</sup>
63X5066	GARLK	415045 <sup>28</sup>	63X559	GARLK	472843 <sup>29</sup>	63X6028F1	GARLK	472185 <sup>28</sup>	63X6391	GARLK	417605 <sup>29</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X6395	GARLK	415482 <sup>29</sup>	63X6478	GARLK	410520	63X6560	GARLK	412040 <sup>29</sup>	63X6658	GARLK	471276 <sup>29</sup>
63X6413	GARLK	417247 <sup>28,29</sup>	63X6478	GARLK	471272 <sup>28</sup>	63X6563	GARLK	415045 <sup>28</sup>	63X6666	GARLK	473440 <sup>28</sup>
63X6414	GARLK	473460 <sup>29</sup>	63X6479	GARLK	471192	63X6564	GARLK	415551 <sup>29</sup>	63X6664	GARLK	415379 <sup>28</sup>
63X6415	GARLK	470027	63X6479R1	GARLK	471192	63X6565	GARLK	417357	63X6664	GARLK	455379
63X6415	GARLK	471554 <sup>28</sup>	63X648	GARLK	470059	63X6565	GARLK	455192 <sup>28</sup>	63X6665	GARLK	417541 <sup>29</sup>
63X6418	GARLK	415295 <sup>29</sup>	63X648	GARLK	470380 <sup>28</sup>	63X6568	GARLK	415035 <sup>28</sup>	63X6667	GARLK	470059
63X6422	GARLK	417598 <sup>29</sup>	63X6484	GARLK	416666 <sup>29</sup>	63X6568	GARLK	455035	63X6667	GARLK	470380 <sup>28</sup>
63X643	GARLK	470548	63X6487	GARLK	471887 <sup>29</sup>	63X657	GARLK	450067	63X6667R1	GARLK	470380 <sup>28</sup>
63X643	GARLK	470625 <sup>28</sup>	63X6489	GARLK	455018	63X657	GARLK	473228	63X6668	GARLK	413478 <sup>29</sup>
63X6430	GARLK	471785 <sup>28</sup>	63X6489	GARLK	476470	63X6573	GARLK	415090 <sup>29</sup>	63X6670	GARLK	415294 <sup>28</sup>
63X6431	GARLK	455022 <sup>29</sup>	63X649	GARLK	471820 <sup>29</sup>	63X6576	GARLK	470403	63X6670	GARLK	455294
63X6433	GARLK	416364 <sup>28,29</sup>	63X6497	GARLK	417487	63X6576	GARLK	470774 <sup>28</sup>	63X6674	GARLK	471795
63X6434	GARLK	417357	63X6497	GARLK	455014	63X6578	GARLK	415449 <sup>28</sup>	63X6675	GARLK	471801 <sup>28</sup>
63X6434	GARLK	455192 <sup>28</sup>	63X6499	GARLK	417487	63X6578	GARLK	455147	63X6675R1	GARLK	471801 <sup>28</sup>
63X6437	GARLK	416239 <sup>28,29</sup>	63X6499	GARLK	455014	63X658	GARLK	451857 <sup>29</sup>	63X6678	GARLK	417082 <sup>29</sup>
63X6438	GARLK	450301	63X650	GARLK	471820 <sup>29</sup>	63X6580	GARLK	450593 <sup>28</sup>	63X6679	GARLK	417191
63X6438R1	GARLK	472397 <sup>28</sup>	63X6500	GARLK	471267 <sup>28,29</sup>	63X6581	GARLK	417603 <sup>28,29</sup>	63X668	GARLK	470077
63X6439	GARLK	417350 <sup>28</sup>	63X6502	GARLK	416288 <sup>28,29</sup>	63X6584	GARLK	455018	63X668	GARLK	474281 <sup>28</sup>
63X6439	GARLK	455479	63X6506	GARLK	450519	63X6584	GARLK	476470	63X6680	GARLK	416921 <sup>28</sup>
63X644	GARLK	470548	63X6506F1	GARLK	471271 <sup>28</sup>	63X6585	GARLK	455655 <sup>28,29</sup>	63X6680	GARLK	455011
63X644	GARLK	470625 <sup>28</sup>	63X6510	GARLK	417600 <sup>29</sup>	63X6586	GARLK	415090 <sup>29</sup>	63X6680F1	GARLK	416921 <sup>28</sup>
63X6440	GARLK	410520	63X6511	GARLK	415088 <sup>28</sup>	63X6588	GARLK	416654 <sup>28</sup>	63X6682	GARLK	450316
63X6440	GARLK	471272 <sup>28</sup>	63X6511	GARLK	455088	63X6588	GARLK	455012	63X6682	GARLK	472636 <sup>28</sup>
63X6444	GARLK	416654 <sup>28</sup>	63X6513	GARLK	416167 <sup>28</sup>	63X6588R1	GARLK	416654 <sup>28</sup>	63X6687	GARLK	415077 <sup>29</sup>
63X6444	GARLK	455012	63X6513	GARLK	455091	63X659	GARLK	451857 <sup>29</sup>	63X669	GARLK	470077
63X6446	GARLK	412473 <sup>28</sup>	63X6515	GARLK	455434 <sup>29</sup>	63X6590	GARLK	416047	63X669	GARLK	474281 <sup>28</sup>
63X6446	GARLK	415894	63X6516	GARLK	470358	63X6590	GARLK	416332 <sup>28</sup>	63X6692	GARLK	417355 <sup>28,29</sup>
63X645	GARLK	470548	63X6516	GARLK	470358	63X6592	GARLK	473450	63X67	GARLK	471281 <sup>28</sup>
63X645	GARLK	470625 <sup>28</sup>	63X6516	GARLK	473231	63X6593	GARLK	472015 <sup>28</sup>	63X670	GARLK	470548
63X6450	GARLK	453165	63X6517	GARLK	471808 <sup>28,29</sup>	63X6599	GARLK	416921 <sup>28</sup>	63X670	GARLK	470625 <sup>28</sup>
63X6450	GARLK	471619 <sup>28</sup>	63X6521	GARLK	455462 <sup>29</sup>	63X6599	GARLK	455011	63X6700	GARLK	415302 <sup>29</sup>
63X6451	GARLK	417488 <sup>28,29</sup>	63X6522	GARLK	471984 <sup>29</sup>	63X660	GARLK	451857	63X6700F1	GARLK	415302
63X6456	GARLK	415449 <sup>28</sup>	63X6522R1	GARLK	471984	63X6600	GARLK	416345 <sup>28</sup>	63X6701	GARLK	470169
63X6456	GARLK	455147	63X6523	GARLK	471267 <sup>28,29</sup>	63X6600	GARLK	455033	63X6701	GARLK	473214
63X6457	GARLK	472826 <sup>28</sup>	63X6523F1	GARLK	471267 <sup>28</sup>	63X6602	GARLK	457874 <sup>29</sup>	63X6705	GARLK	470064
63X6459F1	GARLK	470565 <sup>28</sup>	63X6524F1	GARLK	471649 <sup>28</sup>	63X6603	GARLK	415725 <sup>28</sup>	63X6705	GARLK	471821 <sup>28</sup>
63X646	GARLK	470059	63X6528	GARLK	418028	63X6604	GARLK	472015 <sup>28</sup>	63X6706	GARLK	450095
63X646	GARLK	470380 <sup>28</sup>	63X6528	GARLK	455137 <sup>28</sup>	63X6605	GARLK	473243 <sup>29</sup>	63X6706	GARLK	473464 <sup>28</sup>
63X6461	GARLK	456105 <sup>29</sup>	63X6529	GARLK	473224 <sup>28,29</sup>	63X6608	GARLK	471870 <sup>28</sup>	63X6707	GARLK	417554 <sup>28,29</sup>
63X6462	GARLK	473225 <sup>28,29</sup>	63X6530	GARLK	415072 <sup>29</sup>	63X6608	GARLK	471883	63X6708	GARLK	455018
63X6465	GARLK	415147	63X6534	GARLK	415991	63X661	GARLK	470487N	63X6708	GARLK	476470
63X6465	GARLK	415449 <sup>28</sup>	63X6534	GARLK	455146 <sup>28</sup>	63X6610	GARLK	450067	63X6711	GARLK	415725 <sup>28</sup>
63X6465R1	GARLK	415147	63X6541	GARLK	411245 <sup>28</sup>	63X6610	GARLK	473228	63X6713	GARLK	417601 <sup>29</sup>
63X6465R1	GARLK	415449 <sup>28</sup>	63X6541	GARLK	455096	63X6616	GARLK	455476 <sup>29</sup>	63X6714	GARLK	415988 <sup>29</sup>
63X6466	GARLK	471763 <sup>29</sup>	63X6545	GARLK	415711 <sup>29</sup>	63X6632	GARLK	455151	63X6716	GARLK	416664 <sup>28</sup>
63X6467	GARLK	417316 <sup>28</sup>	63X6546	GARLK	472439 <sup>29</sup>	63X6634	GARLK	415116 <sup>29</sup>	63X6716	GARLK	455364
63X6467	GARLK	455004	63X6547	GARLK	473237 <sup>28</sup>	63X6635	GARLK	417542 <sup>29</sup>	63X6722	GARLK	417601 <sup>29</sup>
63X6468	GARLK	416071 <sup>29</sup>	63X6548	GARLK	473243 <sup>29</sup>	63X6637	GARLK	471466 <sup>28</sup>	63X6723	GARLK	417488 <sup>28,29</sup>
63X6469	GARLK	472394 <sup>29</sup>	63X6549	GARLK	473405 <sup>29</sup>	63X6638	GARLK	473240 <sup>28,29</sup>	63X6730	GARLK	417344 <sup>28</sup>
63X6469R1	GARLK	472394	63X655	GARLK	473228	63X6639	GARLK	472658	63X6730	GARLK	455006
63X647	GARLK	470059	63X655	GARLK	51098	63X6639	GARLK	473197	63X6730R1	GARLK	417344 <sup>28</sup>
63X647	GARLK	470380 <sup>28</sup>	63X6550	GARLK	417605 <sup>29</sup>	63X664	GARLK	473440 <sup>28,29</sup>	63X6732	GARLK	471760 <sup>29</sup>
63X6470	GARLK	471689 <sup>28</sup>	63X6551	GARLK	450067	63X6640	GARLK	415725 <sup>28</sup>	63X6733	GARLK	330385 <sup>28</sup>
63X6470F1	GARLK	471689 <sup>28,29</sup>	63X6551	GARLK	473228	63X6644	GARLK	457874	63X6734	GARLK	416154 <sup>28,29</sup>
63X6471	GARLK	417316 <sup>28</sup>	63X6551R1	GARLK	473228 <sup>28</sup>	63X6645	GARLK	415991	63X6739	GARLK	416011
63X6471	GARLK	455004	63X6554	GARLK	473236 <sup>28,29</sup>	63X6645	GARLK	455146 <sup>28</sup>	63X6739	GARLK	417621 <sup>28</sup>
63X6474	GARLK	470682 <sup>29</sup>	63X6556	GARLK	417357	63X665	GARLK	473440 <sup>28,29</sup>	63X6741	GARLK	417254 <sup>29</sup>
63X6475	GARLK	450444	63X6556	GARLK	455192 <sup>28</sup>	63X6651	GARLK	417343 <sup>28,29</sup>	63X6741F1	GARLK	417254
63X6475	GARLK	471835 <sup>28</sup>	63X656	GARLK	473228	63X6652	GARLK	417496 <sup>29</sup>	63X6744F1	GARLK	471981
			63X656	GARLK	51098	63X6654	GARLK	472138	63X6745	GARLK	470163

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES



Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X6745	GARLK	471766 <sup>28</sup>	63X6868	GARLK	455154	63X6990	GARLK	415953	63X7141	GARLK	416556 <sup>28</sup>
63X6745R1	GARLK	471766 <sup>28</sup>	63X6870	GARLK	455134 <sup>28,29</sup>	63X6991	GARLK	416125 <sup>28,29</sup>	63X7141	GARLK	472157
63X6746	GARLK	415683 <sup>29</sup>	63X6871	GARLK	417515 <sup>29</sup>	63X6992	GARLK	470045	63X7145	GARLK	472012 <sup>29</sup>
63X6749	GARLK	471255 <sup>28</sup>	63X6872	GARLK	417362 <sup>28,29</sup>	63X6992	GARLK	476838 <sup>28</sup>	63X7145F1	GARLK	472012
63X6750	GARLK	415645 <sup>28</sup>	63X6888	GARLK	417584 <sup>29</sup>	63X6993	GARLK	471765 <sup>28</sup>	63X7146	GARLK	350435 <sup>29</sup>
63X6750	GARLK	455104	63X6892	GARLK	416239 <sup>28,29</sup>	63X6993F1	GARLK	471765 <sup>28</sup>	63X715	GARLK	470682 <sup>29</sup>
63X6753	GARLK	470074	63X6893	GARLK	416865 <sup>28,29</sup>	63X6995	GARLK	471138 <sup>28</sup>	63X7152	GARLK	450066
63X6753	GARLK	474265	63X6895	GARLK	455406 <sup>28,29</sup>	63X70	GARLK	471535 <sup>28</sup>	63X7152	GARLK	473367 <sup>28</sup>
63X6755F1	GARLK	471224 <sup>28</sup>	63X6896	GARLK	481073 <sup>29</sup>	63X700	GARLK	472213	63X7152F1	GARLK	471419
63X6757	GARLK	411376 <sup>28</sup>	63X6898	GARLK	470565 <sup>28,29</sup>	63X7007	GARLK	472810 <sup>28</sup>	63X7152F1	GARLK	473367
63X6757	GARLK	455093	63X6898R1	GARLK	470565 <sup>28</sup>	63X701	GARLK	472213	63X7153	GARLK	417350 <sup>28</sup>
63X6760	GARLK	417603 <sup>28,29</sup>	63X6899	GARLK	450185	63X702	GARLK	472213	63X7153	GARLK	455479
63X6762	GARLK	417134 <sup>29</sup>	63X6899	GARLK	473229	63X703	GARLK	472299 <sup>29</sup>	63X7154	GARLK	415036 <sup>29</sup>
63X6764	GARLK	455015 <sup>29</sup>	63X69	GARLK	471535 <sup>28</sup>	63X7039	GARLK	450431	63X7155	GARLK	415072 <sup>29</sup>
63X6765	GARLK	417278 <sup>29</sup>	63X6900	GARLK	417316 <sup>28</sup>	63X7039	GARLK	471539 <sup>28</sup>	63X7159	GARLK	455005 <sup>29</sup>
63X6767	GARLK	415035	63X6900	GARLK	455004	63X704	GARLK	472299 <sup>29</sup>	63X7160	GARLK	410312N
63X6767	GARLK	415953	63X6901	GARLK	416047	63X706	GARLK	470064	63X7162	GARLK	415351 <sup>28</sup>
63X6768	GARLK	417020	63X6901	GARLK	416332 <sup>28</sup>	63X706	GARLK	471821 <sup>28</sup>	63X7164	GARLK	473455 <sup>28</sup>
63X6770	GARLK	417604	63X6904	GARLK	450301	63X7060	GARLK	472432	63X7165	GARLK	416891 <sup>28,29</sup>
63X6773	GARLK	415551 <sup>29</sup>	63X6904	GARLK	472397 <sup>28</sup>	63X7060	GARLK	474256	63X717	GARLK	470682
63X6774	GARLK	470169	63X6904F1	GARLK	472397 <sup>28</sup>	63X7069	GARLK	470403	63X7174	GARLK	472018 <sup>29</sup>
63X6774	GARLK	473214	63X6907	GARLK	415027 <sup>29</sup>	63X7069	GARLK	470774 <sup>28</sup>	63X7176	GARLK	471192
63X6774R1	GARLK	473214 <sup>28</sup>	63X6914	GARLK	416476 <sup>28</sup>	63X707	GARLK	470064	63X7177	GARLK	416706 <sup>28</sup>
63X6794	GARLK	450066	63X6914	GARLK	455075	63X707	GARLK	471821 <sup>28</sup>	63X7177	GARLK	455272
63X6794	GARLK	473367 <sup>28</sup>	63X6917	GARLK	417525 <sup>29</sup>	63X7072	GARLK	470062	63X718	GARLK	471316
63X6795	GARLK	450441	63X6920	GARLK	415294 <sup>28</sup>	63X7072	GARLK	474264	63X7186	GARLK	471760 <sup>29</sup>
63X6795	GARLK	471341 <sup>28,29</sup>	63X6920	GARLK	455294	63X708	GARLK	471821 <sup>28</sup>	63X7187	GARLK	415483 <sup>28</sup>
63X6796	GARLK	417362 <sup>28,29</sup>	63X6921	GARLK	455462 <sup>29</sup>	63X7081	GARLK	473237 <sup>28</sup>	63X7187	GARLK	455368
63X6797	GARLK	455330 <sup>28</sup>	63X6923	GARLK	415711 <sup>29</sup>	63X7090	GARLK	450519	63X7192	GARLK	415379 <sup>28</sup>
63X6798	GARLK	415559 <sup>29</sup>	63X6924	GARLK	416666 <sup>29</sup>	63X7090	GARLK	471271 <sup>28</sup>	63X7192	GARLK	455379
63X6799	GARLK	415035	63X6927	GARLK	470027	63X7091	GARLK	415082 <sup>29</sup>	63X7194	GARLK	412473 <sup>28</sup>
63X6799	GARLK	415953	63X6927	GARLK	471554 <sup>28</sup>	63X7099	GARLK	450083	63X7194	GARLK	415894
63X68	GARLK	471281 <sup>28</sup>	63X6927F1	GARLK	471554 <sup>28</sup>	63X7099	GARLK	472924 <sup>28</sup>	63X7195	GARLK	480630 <sup>28</sup>
63X6800	GARLK	417082 <sup>29</sup>	63X6934	GARLK	473235 <sup>28</sup>	63X7099F1	GARLK	472924 <sup>28,29</sup>	63X7196	GARLK	415960
63X6802	GARLK	455480 <sup>28</sup>	63X6937	GARLK	470548	63X71	GARLK	471551 <sup>28</sup>	63X7196	GARLK	455009
63X6806	GARLK	416339	63X6937	GARLK	470625 <sup>28</sup>	63X7101	GARLK	417604	63X7197	GARLK	415995 <sup>28</sup>
63X6806	GARLK	455031 <sup>28</sup>	63X6937R1	GARLK	470625 <sup>28</sup>	63X7104	GARLK	415458 <sup>28</sup>	63X7197	GARLK	455013
63X6832	GARLK	450183	63X6938	GARLK	417269 <sup>28</sup>	63X7104	GARLK	455003	63X7197T2	GARLK	415836
63X6832	GARLK	472179	63X6939	GARLK	417541 <sup>29</sup>	63X7110	GARLK	416888 <sup>28</sup>	63X7197T2	GARLK	415995 <sup>28</sup>
63X6832R1	GARLK	472179	63X6946	GARLK	417539 <sup>28,29</sup>	63X7110	GARLK	455200	63X7199	GARLK	417487
63X6833	GARLK	417606 <sup>29</sup>	63X6947	GARLK	416364 <sup>28,29</sup>	63X7114	GARLK	415551 <sup>29</sup>	63X7199	GARLK	455014
63X6835	GARLK	417509 <sup>29</sup>	63X6949	GARLK	415138 <sup>28</sup>	63X7115	GARLK	415991	63X72	GARLK	471551 <sup>28</sup>
63X6838	GARLK	9568 <sup>29</sup>	63X6950	GARLK	450869 <sup>29</sup>	63X7115	GARLK	455146 <sup>28</sup>	63X7205	GARLK	416153 <sup>28</sup>
63X6839	GARLK	476470 <sup>29</sup>	63X6952	GARLK	417362 <sup>28,29</sup>	63X712	GARLK	450185	63X7206	GARLK	415711 <sup>29</sup>
63X6840	GARLK	417506 <sup>29</sup>	63X6955	GARLK	450291	63X712	GARLK	473229	63X721	GARLK	473441 <sup>29</sup>
63X6842	GARLK	417020 <sup>29</sup>	63X6955	GARLK	471141 <sup>28</sup>	63X7120	GARLK	417366 <sup>28</sup>	63X7210	GARLK	455151 <sup>29</sup>
63X6847	GARLK	417526 <sup>29</sup>	63X6957	GARLK	470354 <sup>29</sup>	63X7121	GARLK	473437 <sup>29</sup>	63X7215R1	GARLK	471689 <sup>28</sup>
63X6853	GARLK	472394 <sup>29</sup>	63X6959	GARLK	455476 <sup>29</sup>	63X7125	GARLK	470358	63X7220	GARLK	455191 <sup>29</sup>
63X6856	GARLK	471255 <sup>28</sup>	63X6961	GARLK	470062	63X7125	GARLK	473231	63X7221	GARLK	416313 <sup>29</sup>
63X6857	GARLK	470189	63X6961	GARLK	474264	63X7126	GARLK	470596 <sup>29</sup>	63X7223	GARLK	472319 <sup>29</sup>
63X6857	GARLK	471692 <sup>28</sup>	63X6966	GARLK	455655 <sup>28,29</sup>	63X7128	GARLK	416666 <sup>29</sup>	63X7224	GARLK	415001 <sup>28</sup>
63X6860	GARLK	450194	63X6968	GARLK	415021 <sup>29</sup>	63X713	GARLK	450185	63X7224	GARLK	455001
63X6860	GARLK	473010	63X6971	GARLK	471558 <sup>29</sup>	63X713	GARLK	473229	63X7226	GARLK	470062
63X6860R1	GARLK	473010 <sup>28</sup>	63X6975	GARLK	9568 <sup>29</sup>	63X7130	GARLK	471316	63X7226	GARLK	474264
63X6860T2	GARLK	473010 <sup>28</sup>	63X6978	GARLK	415196 <sup>28,29</sup>	63X7134	GARLK	416154 <sup>28,29</sup>	63X7229	GARLK	455189 <sup>29</sup>
63X6864	GARLK	417073 <sup>29</sup>	63X6981	GARLK	455194 <sup>29</sup>	63X7137	GARLK	470059	63X723	GARLK	473441
63X6865	GARLK	417481 <sup>29</sup>	63X6982	GARLK	416345 <sup>28</sup>	63X7137	GARLK	470380 <sup>28</sup>	63X7230	GARLK	415437 <sup>28</sup>
63X6866	GARLK	412871 <sup>28</sup>	63X6982	GARLK	455033	63X714	GARLK	450185	63X7230	GARLK	455173
63X6866	GARLK	450329	63X6984	GARLK	471564 <sup>29</sup>	63X714	GARLK	473229	63X7231	GARLK	417354 <sup>28,29</sup>
63X6868	GARLK	417351 <sup>28</sup>	63X6990	GARLK	415035	63X7140	GARLK	472029 <sup>29</sup>	63X7233	GARLK	415551 <sup>29</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X7238	GARLK	450104 <sup>29</sup>	63X7346	GARLK	451948	63X7549	GARLK	413246	63X7659	GARLK	455034
63X724	GARLK	450273	63X7347	GARLK	415027 <sup>28</sup>	63X7549	GARLK	413246N	63X7661	GARLK	471192
63X7241	GARLK	455406 <sup>28,29</sup>	63X7347	GARLK	455027	63X7551	GARLK	415088 <sup>28</sup>	63X7668	GARLK	417316 <sup>28</sup>
63X7245	GARLK	415371 <sup>29</sup>	63X7348	GARLK	417535 <sup>29</sup>	63X7551	GARLK	455088	63X7668	GARLK	455004
63X7247	GARLK	417562 <sup>29</sup>	63X7349	GARLK	475384 <sup>29</sup>	63X7554	GARLK	415683 <sup>29</sup>	63X7669	GARLK	417298 <sup>29</sup>
63X7248	GARLK	471869	63X7350	GARLK	415991	63X7555	GARLK	471984 <sup>29</sup>	63X7670	GARLK	455018
63X7248	GARLK	473459	63X7350	GARLK	455146 <sup>28</sup>	63X7555F1	GARLK	471984	63X7670	GARLK	476470
63X7249	GARLK	415960	63X7353	GARLK	417601 <sup>29</sup>	63X7559	GARLK	417356 <sup>28</sup>	63X7671	GARLK	415259 <sup>28,29</sup>
63X7249	GARLK	455009	63X7357	GARLK	412473 <sup>28</sup>	63X7559	GARLK	455188	63X7675	GARLK	471787 <sup>28</sup>
63X7253	GARLK	415027 <sup>28</sup>	63X7357	GARLK	415894	63X7560	GARLK	416154 <sup>28,29</sup>	63X7677	GARLK	472319 <sup>29</sup>
63X7253	GARLK	455027	63X7358	GARLK	471646 <sup>28</sup>	63X7561	GARLK	417602 <sup>28</sup>	63X7684	GARLK	450154
63X7254	GARLK	450154	63X7364	GARLK	455019 <sup>28</sup>	63X7562	GARLK	415219 <sup>29</sup>	63X7684	GARLK	473234
63X7254	GARLK	473234	63X7366	GARLK	417550 <sup>29</sup>	63X7563	GARLK	450389	63X7685	GARLK	415938 <sup>29</sup>
63X7254F1	GARLK	473234 <sup>28</sup>	63X7368	GARLK	455480 <sup>28</sup>	63X7563	GARLK	472492 <sup>28</sup>	63X7686	GARLK	415041 <sup>29</sup>
63X7255	GARLK	417351 <sup>28</sup>	63X7370F1	GARLK	472164 <sup>28</sup>	63X7564	GARLK	450519	63X7687	GARLK	481792
63X7255	GARLK	455154	63X7371	GARLK	415551 <sup>29</sup>	63X7564	GARLK	471271 <sup>28</sup>	63X7689	GARLK	416158 <sup>29</sup>
63X7258	GARLK	416892 <sup>28</sup>	63X7372	GARLK	471808 <sup>28,29</sup>	63X7566	GARLK	416865 <sup>28,29</sup>	63X769	GARLK	450194
63X7259	GARLK	450133 <sup>29</sup>	63X7372F1	GARLK	471808 <sup>28</sup>	63X7567F1	GARLK	471192	63X769	GARLK	473010
63X7262	GARLK	474274	63X7374	GARLK	476470	63X7568	GARLK	470548	63X7690	GARLK	415187 <sup>29</sup>
63X7264	GARLK	473446 <sup>29</sup>	63X7375	GARLK	417596 <sup>29</sup>	63X7568	GARLK	470625 <sup>28</sup>	63X7695	GARLK	470077
63X7265	GARLK	417362 <sup>28,29</sup>	63X7382	GARLK	411253 <sup>28</sup>	63X7568F1	GARLK	470625 <sup>28,29</sup>	63X7695	GARLK	474281 <sup>28</sup>
63X7269	GARLK	415437 <sup>28</sup>	63X7382	GARLK	450099	63X7572	GARLK	417316 <sup>28</sup>	63X77	GARLK	471532 <sup>29</sup>
63X7269	GARLK	455173	63X7386	GARLK	472258 <sup>28,29</sup>	63X7572	GARLK	455004	63X7700	GARLK	413246
63X7270	GARLK	417181 <sup>28,29</sup>	63X7389	GARLK	415379 <sup>28</sup>	63X7574	GARLK	415303 <sup>28</sup>	63X7700	GARLK	413246N
63X7272	GARLK	450389	63X7389	GARLK	455379	63X7578	GARLK	416153 <sup>28</sup>	63X771	GARLK	450194
63X7272	GARLK	472492 <sup>28</sup>	63X739	GARLK	482253 <sup>29</sup>	63X7590	GARLK	455195	63X771	GARLK	473010
63X7276	GARLK	416077 <sup>29</sup>	63X7390	GARLK	470163	63X7590	GARLK	472157 <sup>28</sup>	63X7717	GARLK	417171 <sup>28,29</sup>
63X7277	GARLK	417474	63X7390	GARLK	471766 <sup>28</sup>	63X7594	GARLK	416271 <sup>28,29</sup>	63X772	GARLK	450069
63X7280	GARLK	470064	63X7390F1	GARLK	471766 <sup>28</sup>	63X760	GARLK	470358	63X772	GARLK	473232
63X7280	GARLK	471821 <sup>28</sup>	63X7391	GARLK	474255	63X760	GARLK	473231	63X7722	GARLK	455195
63X7282	GARLK	416339	63X7402	GARLK	415088 <sup>28</sup>	63X7603	GARLK	416476 <sup>28</sup>	63X7722	GARLK	472157 <sup>28</sup>
63X7282	GARLK	455031 <sup>28</sup>	63X7402	GARLK	455088	63X7603	GARLK	455075	63X7723	GARLK	450316
63X7284	GARLK	417539 <sup>28,29</sup>	63X7409	GARLK	416107 <sup>28</sup>	63X761	GARLK	470358	63X7723	GARLK	472636 <sup>28</sup>
63X7285	GARLK	411245 <sup>28</sup>	63X7409	GARLK	455073	63X761	GARLK	473231	63X774	GARLK	450069
63X7285	GARLK	455096	63X7418	GARLK	415683 <sup>29</sup>	63X7610	GARLK	417549 <sup>28,29</sup>	63X774	GARLK	473232
63X7289	GARLK	417191	63X7419	GARLK	455018	63X7611	GARLK	417198 <sup>29</sup>	63X7745	GARLK	417556 <sup>29</sup>
63X7291	GARLK	416891 <sup>28,29</sup>	63X7419	GARLK	476470	63X7612	GARLK	415072 <sup>29</sup>	63X7747	GARLK	417484N
63X7292	GARLK	417316 <sup>28</sup>	63X742	GARLK	451469 <sup>29</sup>	63X7615	GARLK	415027 <sup>28</sup>	63X7747	GARLK	455322
63X7292	GARLK	455004	63X7420	GARLK	472029 <sup>29</sup>	63X7615	GARLK	455027	63X7749	GARLK	417534 <sup>29</sup>
63X7299	GARLK	471529 <sup>29</sup>	63X7423	GARLK	6936S	63X7616	GARLK	416047	63X775	GARLK	481864
63X7307	GARLK	450352	63X7433	GARLK	415072 <sup>29</sup>	63X7616	GARLK	416332 <sup>28</sup>	63X7752	GARLK	471760 <sup>29</sup>
63X7307	GARLK	472164 <sup>28</sup>	63X7435	GARLK	472020 <sup>29</sup>	63X762	GARLK	470358	63X7758	GARLK	417601 <sup>29</sup>
63X7313	GARLK	418028	63X7436	GARLK	415327 <sup>29</sup>	63X762	GARLK	473231	63X7759	GARLK	457874
63X7313	GARLK	455137 <sup>28</sup>	63X744	GARLK	451469	63X7626	GARLK	417549 <sup>28,29</sup>	63X7764	GARLK	416273 <sup>28</sup>
63X7317	GARLK	417562 <sup>29</sup>	63X7440	GARLK	415379 <sup>28</sup>	63X7629	GARLK	417562 <sup>29</sup>	63X7765	GARLK	418028
63X7318	GARLK	455406 <sup>28,29</sup>	63X7440	GARLK	455379	63X763	GARLK	450066	63X7765	GARLK	455137 <sup>28</sup>
63X7320	GARLK	471424 <sup>28</sup>	63X7447	GARLK	470059	63X763	GARLK	473367 <sup>28</sup>	63X7767	GARLK	471829
63X7324	GARLK	415027 <sup>29</sup>	63X7447	GARLK	470380 <sup>28</sup>	63X7633	GARLK	471887 <sup>29</sup>	63X7768	GARLK	450307 <sup>29</sup>
63X7327	GARLK	471887 <sup>29</sup>	63X7448	GARLK	415036 <sup>29</sup>	63X7633F1	GARLK	471887	63X777	GARLK	481864
63X7328	GARLK	415995 <sup>28</sup>	63X751	GARLK	450274	63X764	GARLK	450066	63X7772	GARLK	455820 <sup>29</sup>
63X7328	GARLK	455013	63X7510	GARLK	350414	63X764	GARLK	473367 <sup>28</sup>	63X7774	GARLK	415227 <sup>28,29</sup>
63X7328F1	GARLK	415013	63X7510	GARLK	472311 <sup>28</sup>	63X7642	GARLK	416294 <sup>28,29</sup>	63X7775	GARLK	455556 <sup>29</sup>
63X7328F1	GARLK	415995 <sup>28</sup>	63X7516	GARLK	474278 <sup>28</sup>	63X7646	GARLK	472041	63X7776	GARLK	415458 <sup>28</sup>
63X733	GARLK	450065 <sup>29</sup>	63X7516	GARLK	480356	63X7646	GARLK	473454	63X7776	GARLK	455003
63X7332	GARLK	415027 <sup>29</sup>	63X7518	GARLK	471766 <sup>28</sup>	63X7649	GARLK	472018 <sup>29</sup>	63X7776F1	GARLK	415458 <sup>28</sup>
63X7334	GARLK	455144 <sup>29</sup>	63X7523	GARLK	471862 <sup>29</sup>	63X765	GARLK	450066	63X778	GARLK	474274
63X734	GARLK	450065	63X7542	GARLK	415281N	63X765	GARLK	473367 <sup>28</sup>	63X7780	GARLK	415128 <sup>29</sup>
63X7341F1	GARLK	472475	63X7542F1	GARLK	417349 <sup>28</sup>	63X7652	GARLK	417541 <sup>29</sup>	63X7783	GARLK	417604 <sup>29</sup>
63X7342	GARLK	415645 <sup>28</sup>	63X7544	GARLK	415437 <sup>28</sup>	63X7653	GARLK	415076 <sup>29</sup>	63X7784	GARLK	417181 <sup>28,29</sup>
63X7342	GARLK	455104	63X7544	GARLK	455173	63X7659	GARLK	415034 <sup>28</sup>	63X7785	GARLK	455123 <sup>29</sup>

INTERCHANGE SECTION



**COMPETITIVE INTERCHANGES**

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X7786	GARLK	455123 <sup>29</sup>	63X80	GARLK	473405	63X8267	GARLK	471551 <sup>28</sup>	63X844	GARLK	473236 <sup>28,29</sup>
63X7787	GARLK	417351 <sup>28</sup>	63X805	GARLK	450073 <sup>29</sup>	63X827	GARLK	473233 <sup>28</sup>	63X8442	GARLK	417252 <sup>29</sup>
63X7787	GARLK	455154	63X8063	GARLK	350974 <sup>28</sup>	63X8270	GARLK	410308 <sup>28</sup>	63X8443	GARLK	416229 <sup>29</sup>
63X7791	GARLK	416339	63X8067	GARLK	472644	63X8270	GARLK	450308	63X845	GARLK	473236 <sup>28,29</sup>
63X7791	GARLK	455031 <sup>28</sup>	63X8074	GARLK	471827 <sup>28,29</sup>	63X8272	GARLK	471472 <sup>28</sup>	63X846	GARLK	473236 <sup>28</sup>
63X7795	GARLK	417247 <sup>28,29</sup>	63X8081	GARLK	450819 <sup>29</sup>	63X8274	GARLK	450298	63X8460	GARLK	416891 <sup>28,29</sup>
63X7796	GARLK	455584 <sup>29</sup>	63X81	GARLK	471558	63X8274	GARLK	473239	63X8462	GARLK	415090 <sup>29</sup>
63X78	GARLK	471532	63X8102	GARLK	455556 <sup>29</sup>	63X8275	GARLK	471801 <sup>28</sup>	63X8466	GARLK	417509 <sup>29</sup>
63X780	GARLK	474274	63X8104	GARLK	472299 <sup>29</sup>	63X8278	GARLK	416153 <sup>28</sup>	63X8469	GARLK	415871 <sup>29</sup>
63X7803	GARLK	415196 <sup>28,29</sup>	63X8111	GARLK	417196 <sup>28,29</sup>	63X828	GARLK	473233 <sup>28</sup>	63X8470	GARLK	417159 <sup>29</sup>
63X781	GARLK	450275	63X8112	GARLK	417511	63X8280	GARLK	415379 <sup>28</sup>	63X8471	GARLK	417556 <sup>29</sup>
63X7812	GARLK	416345 <sup>28</sup>	63X8117	GARLK	415023	63X8280	GARLK	455379	63X8477	GARLK	455026 <sup>29</sup>
63X7812	GARLK	455033	63X8120	GARLK	415371 <sup>29</sup>	63X8284	GARLK	472432	63X8488	GARLK	455566 <sup>29</sup>
63X7814	GARLK	415035	63X8127	GARLK	416891 <sup>28,29</sup>	63X8284	GARLK	474256	63X8494	GARLK	415482 <sup>29</sup>
63X7814	GARLK	415953	63X8128	GARLK	417355 <sup>28,29</sup>	63X829	GARLK	473445	63X8498	GARLK	450441
63X7819	GARLK	416167 <sup>28</sup>	63X8129	GARLK	470403	63X8292	GARLK	473458 <sup>29</sup>	63X8498	GARLK	471341 <sup>28</sup>
63X7819	GARLK	455091	63X8129	GARLK	470774 <sup>28</sup>	63X8293	GARLK	473238 <sup>28,29</sup>	63X8521	GARLK	412040 <sup>29</sup>
63X782	GARLK	450275	63X8131	GARLK	450285 <sup>29</sup>	63X8300	GARLK	415327 <sup>29</sup>	63X8529	GARLK	417597 <sup>29</sup>
63X7824	GARLK	415090 <sup>29</sup>	63X8135	GARLK	473227	63X8306	GARLK	416107 <sup>28</sup>	63X853	GARLK	473446
63X7825	GARLK	417597 <sup>29</sup>	63X8140	GARLK	455462 <sup>29</sup>	63X8306	GARLK	455073	63X8530	GARLK	416664 <sup>28</sup>
63X7829	GARLK	416664 <sup>28</sup>	63X8151	GARLK	415991	63X8309	GARLK	417538 <sup>29</sup>	63X8530	GARLK	455364
63X7829	GARLK	455364	63X8151	GARLK	455146 <sup>28</sup>	63X8310	GARLK	417539 <sup>28,29</sup>	63X854	GARLK	473446
63X7829F1	GARLK	416664 <sup>28</sup>	63X8153	GARLK	415458 <sup>28</sup>	63X8311	GARLK	415437 <sup>28</sup>	63X855	GARLK	473446 <sup>29</sup>
63X783	GARLK	450275	63X8153	GARLK	455003	63X8311	GARLK	455173	63X8551	GARLK	416149 <sup>29</sup>
63X7831	GARLK	471646 <sup>28</sup>	63X8154	GARLK	416404 <sup>28,29</sup>	63X8312F1	GARLK	471750 <sup>28</sup>	63X8556	GARLK	417507 <sup>28</sup>
63X7837	GARLK	417513 <sup>29</sup>	63X8156	GARLK	417171 <sup>28,29</sup>	63X8314	GARLK	471765 <sup>28</sup>	63X8556	GARLK	455513
63X7839	GARLK	417252 <sup>29</sup>	63X8161	GARLK	415045 <sup>28</sup>	63X8328	GARLK	455197N <sup>29</sup>	63X8560	GARLK	417604 <sup>29</sup>
63X7840	GARLK	55357 <sup>29</sup>	63X8165	GARLK	415066 <sup>29</sup>	63X8330	GARLK	416154 <sup>28,29</sup>	63X8566	GARLK	455576 <sup>28,29</sup>
63X7842	GARLK	472020 <sup>29</sup>	63X8169	GARLK	457874 <sup>29</sup>	63X8331	GARLK	417258 <sup>29</sup>	63X8569	GARLK	471818 <sup>29</sup>
63X7861	GARLK	415196 <sup>28,29</sup>	63X8173	GARLK	416077 <sup>29</sup>	63X8342	GARLK	471255 <sup>28</sup>	63X8570	GARLK	415263 <sup>29</sup>
63X7864	GARLK	450285 <sup>29</sup>	63X8187	GARLK	472475 <sup>29</sup>	63X835	GARLK	450154	63X8571	GARLK	413248
63X787	GARLK	450078	63X8187R1	GARLK	472475	63X835	GARLK	473234	63X8572	GARLK	472029 <sup>29</sup>
63X787	GARLK	473444	63X8188	GARLK	455019 <sup>28</sup>	63X8353	GARLK	476535	63X8573	GARLK	415001 <sup>28</sup>
63X7873	GARLK	470358	63X8192	GARLK	417273 <sup>29</sup>	63X836	GARLK	450154	63X8573	GARLK	455001
63X7873	GARLK	473231	63X82	GARLK	471558 <sup>29</sup>	63X836	GARLK	473234	63X8579	GARLK	417601 <sup>29</sup>
63X7877	GARLK	415066 <sup>29</sup>	63X820	GARLK	450415 <sup>29</sup>	63X837	GARLK	450154	63X8585	GARLK	415072 <sup>29</sup>
63X7879	GARLK	417780 <sup>29</sup>	63X8205	GARLK	417596	63X837	GARLK	473234	63X859	GARLK	471981
63X788	GARLK	450078	63X8208	GARLK	417513 <sup>29</sup>	63X838	GARLK	473235 <sup>28</sup>	63X8591	GARLK	415871 <sup>29</sup>
63X788	GARLK	473444	63X8213	GARLK	450316	63X8384	GARLK	415867 <sup>29</sup>	63X8592	GARLK	417211 <sup>28</sup>
63X7880	GARLK	416556 <sup>28</sup>	63X8213	GARLK	472636 <sup>28</sup>	63X8396	GARLK	415937 <sup>28,29</sup>	63X8596	GARLK	455584 <sup>29</sup>
63X7880	GARLK	472157	63X8214	GARLK	455820 <sup>29</sup>	63X840	GARLK	473235 <sup>28</sup>	63X8608	GARLK	455022 <sup>29</sup>
63X789	GARLK	450078	63X8222	GARLK	416011	63X8400	GARLK	415142 <sup>29</sup>	63X861	GARLK	471981
63X789	GARLK	473444	63X8222	GARLK	417621 <sup>28</sup>	63X8401	GARLK	472041	63X862	GARLK	50327
63X79	GARLK	473405 <sup>29</sup>	63X8224	GARLK	455191 <sup>29</sup>	63X8401	GARLK	473454	63X8628	GARLK	417542 <sup>29</sup>
63X790	GARLK	470358	63X8231	GARLK	417191	63X8404	GARLK	413469 <sup>28,29</sup>	63X8629	GARLK	417539 <sup>28,29</sup>
63X790	GARLK	473231	63X8233	GARLK	476470 <sup>29</sup>	63X8409	GARLK	471633 <sup>28</sup>	63X8631	GARLK	416167 <sup>28</sup>
63X7907	GARLK	470950 <sup>28</sup>	63X8238	GARLK	417606 <sup>29</sup>	63X841	GARLK	470074	63X8631	GARLK	455091
63X7907	GARLK	6241S	63X8243	GARLK	415072 <sup>29</sup>	63X841	GARLK	474265	63X8633	GARLK	416154 <sup>28,29</sup>
63X7909	GARLK	417602 <sup>28</sup>	63X8245	GARLK	417487	63X8410	GARLK	417512 <sup>29</sup>	63X8635	GARLK	455197N <sup>29</sup>
63X7915	GARLK	450444	63X8245	GARLK	455086	63X8416	GARLK	410737 <sup>28</sup>	63X8636	GARLK	415196 <sup>28,29</sup>
63X7915	GARLK	471835 <sup>28</sup>	63X8248	GARLK	470950 <sup>28</sup>	63X8416	GARLK	450737	63X8638	GARLK	417205 <sup>28,29</sup>
63X792	GARLK	470358	63X8248	GARLK	6241S	63X8417	GARLK	455584 <sup>29</sup>	63X8640	GARLK	415984 <sup>28</sup>
63X792	GARLK	473231	63X8251	GARLK	417596 <sup>29</sup>	63X8419	GARLK	415138 <sup>28</sup>	63X8643	GARLK	450117
63X793	GARLK	450066	63X8252	GARLK	415294 <sup>28</sup>	63X842	GARLK	470074	63X8643	GARLK	472572 <sup>28</sup>
63X793	GARLK	473367 <sup>28</sup>	63X8252	GARLK	455294	63X842	GARLK	474265	63X8646	GARLK	450068 <sup>29</sup>
63X7934	GARLK	55469 <sup>29</sup>	63X826	GARLK	473233 <sup>28</sup>	63X8423	GARLK	415072 <sup>29</sup>	63X8657	GARLK	417262 <sup>28</sup>
63X7937	GARLK	2081	63X8262	GARLK	415124 <sup>29</sup>	63X843	GARLK	470074	63X8657	GARLK	455448
63X7941	GARLK	455509 <sup>29</sup>	63X8265	GARLK	481792 <sup>29</sup>	63X843	GARLK	474265	63X8662	GARLK	417020 <sup>29</sup>
63X799	GARLK	450260 <sup>29</sup>	63X8266	GARLK	450078	63X8430	GARLK	456105 <sup>29</sup>	63X8663	GARLK	417541 <sup>29</sup>
63X7993	GARLK	417273 <sup>29</sup>	63X8266	GARLK	473444	63X8437	GARLK	55301S <sup>29</sup>	63X8665	GARLK	417603 <sup>28,29</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
63X8668	GARLK	455685 <sup>29</sup>	63X8848	GARLK	410987 <sup>28,29</sup>	63X9234F1	GARLK	473445	64014	DRMAN	014PKG
63X8676	GARLK	417159	63X8856	GARLK	417537 <sup>29</sup>	63X924	GARLK	450291	64015	DRMAN	015PKG
63X8678	GARLK	417366 <sup>28</sup>	63X886	GARLK	50081 <sup>29</sup>	63X924	GARLK	471141 <sup>28</sup>	64016	DRMAN	016PKG
63X8679	GARLK	455151 <sup>29</sup>	63X8864	GARLK	418028	63X925	GARLK	473448	64017	DRMAN	017PKG
63X8680	GARLK	415227 <sup>28,29</sup>	63X8864	GARLK	455137 <sup>28</sup>	63X927	GARLK	473448	64018	DRMAN	018PKG
63X8681	GARLK	417501 <sup>29</sup>	63X8868	GARLK	417605 <sup>29</sup>	63X928	GARLK	471984 <sup>29</sup>	64020	DRMAN	020PKG
63X8682	GARLK	470645 <sup>29</sup>	63X887	GARLK	50081 <sup>29</sup>	63X93	GARLK	471564	64021	VIC	471750 <sup>28</sup>
63X8683	GARLK	417511 <sup>29</sup>	63X8870	GARLK	415683 <sup>29</sup>	63X930	GARLK	471984	64-0215	BORGW	473235 <sup>28</sup>
63X8687	GARLK	415128 <sup>29</sup>	63X8875	GARLK	50327 <sup>29</sup>	63X931	GARLK	473313	64022	DRMAN	022PKG
63X8696	GARLK	417485 <sup>29</sup>	63X8879	GARLK	450593 <sup>28</sup>	63X933	GARLK	473313	64022	VIC	471224 <sup>28</sup>
63X8697	GARLK	417509 <sup>29</sup>	63X8881	GARLK	416556 <sup>28</sup>	63X9345	GARLK	471733	640230	CATER	450441
63X8698	GARLK	455297 <sup>29</sup>	63X8881	GARLK	472157	63X94	GARLK	471564 <sup>29</sup>	640230	CATER	471341 <sup>28</sup>
63X87	GARLK	471466 <sup>28</sup>	63X8886	GARLK	470596 <sup>29</sup>	63X940	GARLK	50266 <sup>29</sup>	640230	GERL	450441
63X8700	GARLK	418028	63X8893	GARLK	417191	63X943	GARLK	450269 <sup>29</sup>	640230	GERL	471341 <sup>28</sup>
63X8700	GARLK	455137 <sup>28</sup>	63X8904	GARLK	416107 <sup>28</sup>	63X946	GARLK	450285 <sup>29</sup>	64024	DRMAN	024PKG
63X8704	GARLK	470548	63X8904	GARLK	455073	63X9481	GARLK	417486	64024	VIC	471787 <sup>28</sup>
63X8704	GARLK	470625 <sup>28</sup>	63X8907	GARLK	415045 <sup>28</sup>	63X949	GARLK	471866 <sup>28,29</sup>	64026	DRMAN	026PKG
63X8705	GARLK	480281 <sup>28</sup>	63X8912	GARLK	417542 <sup>29</sup>	63X95	GARLK	471612	64029	DRMAN	029PKG
63X8708	GARLK	417780 <sup>29</sup>	63X8917	GARLK	415090 <sup>29</sup>	63X9501	GARLK	330385 <sup>28</sup>	64029	VIC	471224 <sup>28</sup>
63X871	GARLK	450068 <sup>29</sup>	63X895	GARLK	470086 <sup>29</sup>	63X951	GARLK	471866 <sup>28</sup>	6403	C-R	16X24X5 <sup>28</sup>
63X8712	GARLK	415645 <sup>28</sup>	63X898	GARLK	470351	63X9515	GARLK	471267 <sup>28,29</sup>	6403	C-R	16X24X6
63X8712	GARLK	455104	63X898	GARLK	471504 <sup>28</sup>	63X958	GARLK	473448 <sup>29</sup>	6403	SKF	16X24X5
63X8724	GARLK	473463 <sup>29</sup>	63X899	GARLK	470351	63X96	GARLK	471612	6403	SKF	16X24X6
63X8726	GARLK	415281N	63X899	GARLK	471504 <sup>28</sup>	63X961	GARLK	471984 <sup>29</sup>	64030	DRMAN	030PKG
63X8728	GARLK	470605 <sup>28,29</sup>	63X900	GARLK	470351	63X9633	GARLK	480281 <sup>28</sup>	64030	VIC	6863S <sup>28</sup>
63X8731	GARLK	417356 <sup>28</sup>	63X900	GARLK	471504 <sup>28</sup>	63X964	GARLK	473313	64031	DRMAN	031PKG
63X8731	GARLK	455188	63X9009	GARLK	471688 <sup>29</sup>	63X97	GARLK	481528	64033	DRMAN	033PKG
63X8732	GARLK	450298	63X9013	GARLK	352541 <sup>29</sup>	63X976	GARLK	472070 <sup>29</sup>	640335	WILYS	470059
63X8732	GARLK	473239	63X904	GARLK	450494	63X978	GARLK	472070	640335	WILYS	470380 <sup>28</sup>
63X8734	GARLK	471820 <sup>29</sup>	63X904	GARLK	472164 <sup>28</sup>	63X979	GARLK	471866 <sup>28</sup>	64034	DRMAN	034PKG
63X8736	GARLK	415072 <sup>29</sup>	63X905	GARLK	451147H	63X98	GARLK	481528	64-0344	BORGW	470027
63X8738	GARLK	470565 <sup>28,29</sup>	63X906	GARLK	450352	63X982	GARLK	450118	64-0344	BORGW	471554 <sup>28</sup>
63X8744	GARLK	417357	63X906	GARLK	472164 <sup>28</sup>	63X982	GARLK	473449	640345	WILYS	471801 <sup>28</sup>
63X8744	GARLK	455192 <sup>28</sup>	63X907	GARLK	450070	63X9833F1	GARLK	471192	64035	VIC	471689 <sup>28</sup>
63X8745	GARLK	416891 <sup>28,29</sup>	63X907	GARLK	472185 <sup>28</sup>	63X984	GARLK	450118	64036	DRMAN	036PKG
63X8747	GARLK	415867 <sup>29</sup>	63X909	GARLK	450070	63X984	GARLK	473449	64037	DRMAN	037PKG
63X8752	GARLK	417362 <sup>28,29</sup>	63X909	GARLK	472185 <sup>28</sup>	63X987	GARLK	480281 <sup>28</sup>	64038	DRMAN	038PKG
63X8756	GARLK	417020 <sup>29</sup>	63X9093F1	GARLK	470605 <sup>28</sup>	63X988	GARLK	450269 <sup>29</sup>	64038	VIC	8660S
63X8757	GARLK	417494 <sup>29</sup>	63X91	GARLK	471255 <sup>28</sup>	63X991	GARLK	473450	640383	WILYS	340797
63X8758	GARLK	417020 <sup>29</sup>	63X910	GARLK	470334 <sup>28</sup>	63X9943F1	GARLK	471829	64039	DRMAN	039PKG
63X8775	GARLK	417298 <sup>29</sup>	63X911	GARLK	470334 <sup>28</sup>	64	AU-WS	412040	6404	C-R	710679
63X8778	GARLK	416163 <sup>29</sup>	63X912	GARLK	450076	64	B-L-H	412040	6404	SKF	710679
63X8780	GARLK	415991	63X912	GARLK	470334 <sup>28</sup>	6400	C-R	16X22X4	64040	DRMAN	040PKG
63X8780	GARLK	455146 <sup>28</sup>	63X913	GARLK	450183	6400	SKF	16X22X4	64041	DRMAN	041PKG
63X8787	GARLK	415259 <sup>28,29</sup>	63X913	GARLK	472179	64001	VIC	350364	64042	DRMAN	042PKG
63X8790	GARLK	473441 <sup>29</sup>	63X914	GARLK	450183	64003	DRMAN	003PKG	64042	VIC	450984
63X8797	GARLK	413247 <sup>28</sup>	63X914	GARLK	472179	64004	DRMAN	004PKG	64043	DRMAN	043PKG
63X8797	GARLK	450350	63X915	GARLK	450183	64005	DRMAN	005PKG	64045	VIC	8460N
63X88	GARLK	471466 <sup>28</sup>	63X915	GARLK	472179	64006	DRMAN	006PKG	640454	WHITE	416130 <sup>28</sup>
63X8819	GARLK	455406 <sup>28,29</sup>	63X916	GARLK	473447	64007	DRMAN	007PKG	640454D5	DIA	416130 <sup>28</sup>
63X8824	GARLK	417254 <sup>29</sup>	63X918	GARLK	473447	64008	DRMAN	008PKG	64046	VIC	470351
63X8825	GARLK	416891 <sup>28,29</sup>	63X919	GARLK	470334 <sup>28</sup>	640087	CONTI	471103 <sup>28</sup>	640463	WILYS	450069
63X8828	GARLK	455462 <sup>29</sup>	63X919	GARLK	50289	640087	CONTI	50197S	640463	WILYS	473232
63X8830	GARLK	415559 <sup>29</sup>	63X92	GARLK	471255 <sup>28</sup>	64009	DRMAN	009PKG	64047	VIC	6863S <sup>28</sup>
63X8833	GARLK	416664 <sup>28</sup>	63X921	GARLK	470334 <sup>28</sup>	64010	DRMAN	010PKG	640478	CATER	345035
63X8833	GARLK	455364	63X921	GARLK	50289	64010	VIC	471103 <sup>28</sup>	640479	CATER	345035
63X8836	GARLK	417171 <sup>28,29</sup>	63X922	GARLK	450291	64010	VIC	50197S	640479	FPDSL	345035
63X8845	GARLK	417541 <sup>29</sup>	63X922	GARLK	471141 <sup>28</sup>	64011	DRMAN	011PKG	64048	VIC	472070
63X8846	GARLK	417547 <sup>29</sup>	63X923	GARLK	450291	64012	DRMAN	012PKG	640483	STUDE	370036A
63X8847	GARLK	417497 <sup>29</sup>	63X923	GARLK	471141 <sup>28</sup>	64013	DRMAN	013PKG	64049	VIC	471733

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
64050	VIC	471733	64110	DRMAN	110PKG	64150	VIC	471231 <sup>28</sup>	6423LPD	JN-MN	415995 <sup>28</sup>
64051	VIC	471442 <sup>28</sup>	64111	DRMAN	111PKG	64151	DRMAN	151PKG	6423LPD	JN-MN	455013
64054	VIC	471652	64112	DRMAN	112PKG	64152	DRMAN	152PKG	6423LUP	JN-MN	415995 <sup>28</sup>
640545	AMC	471801 <sup>28</sup>	64113	DRMAN	113PKG	64153	DRMAN	153PKG	6423LUP	JN-MN	455013
640545	WILYS	471801 <sup>28</sup>	64114	DRMAN	114PKG	64153	HYST	473425	64242	VIC	350414
64055	VIC	471526 <sup>28</sup>	64115	DRMAN	115PKG	64159	VIC	472164 <sup>28</sup>	64242	VIC	472311 <sup>28</sup>
640555	WILYS	450183	64116	DRMAN	116PKG	64162	VIC	471231 <sup>28</sup>	64245	VIC	471224 <sup>28</sup>
640555	WILYS	472179	64116	VIC	415960	64165	VIC	415072	64246	VIC	455008
640561	WILYS	472179	64117	DRMAN	117PKG	64173	VIC	350679	64247	VIC	471649 <sup>28</sup>
64059	VIC	350936	64117	VIC	415960 <sup>28</sup>	64173	VIC	470954 <sup>28</sup>	6424LA	JN-MN	450043
6406	C-R	16X28X7	64117	VIC	455009	6418SS	JN-MN	471567 <sup>28</sup>	6424LA	JN-MN	473419
6406	SKF	16X28X7	64118	DRMAN	118PKG	64191	VIC	353132	64250	VIC	471689 <sup>28</sup>
64061	VIC	471692 <sup>28</sup>	64119	VIC	415960	64193	VIC	351267	64258	VIC	471760
64062	VIC	470189	6412	C-R	16X28X7 <sup>28</sup>	64193	VIC	471267 <sup>28</sup>	64261	VIC	453165
64062	VIC	471692 <sup>28</sup>	6412	C-R	221610	64195	VIC	712270	64261	VIC	471619 <sup>28</sup>
64063	VIC	473179 <sup>28</sup>	6412	SKF	16X28X7	64196	VIC	471570 <sup>28</sup>	64262	VIC	J1134
64064	VIC	5126	6412	SKF	221610	64199	VIC	471633 <sup>28</sup>	642649	BENDI	450066
64066	VIC	471869	64120	DRMAN	120PKG	6419SS	JN-MN	473231 <sup>28</sup>	642649	BENDI	473367 <sup>28</sup>
64066	VIC	473459 <sup>28</sup>	64121	DRMAN	121PKG	6420	C-R	16X30X7	64281	VIC	471765 <sup>28</sup>
64068	DENCO	415045 <sup>28</sup>	64123	DRMAN	123PKG	6420	SKF	16X30X7	64284	VIC	471651
64068	VIC	9406S	64124	DRMAN	124PKG	64200	VIC	471646 <sup>28</sup>	64295	VIC	471762 <sup>28</sup>
64075	VIC	471692 <sup>28</sup>	64126	DRMAN	126PKG	642 010 02 14	MERCE	710813	6430	C-R	16X32X7
64076	VIC	472705 <sup>28</sup>	64126	VIC	350954	64202S	TROS	8660S	6430	SKF	16X32X7
64077	VIC	471763	64126	VIC	470954 <sup>28</sup>	64203	VIC	204035	6431	C-R	221610
640777	BENDI	456105	64128	DRMAN	128PKG	64203S	TROS	8940S	6431	SKF	221610
640778	BENDI	416125 <sup>28</sup>	64129	AM WH	472144 <sup>28</sup>	64209	VIC	41461S	64314	VIC	352560
640779	BENDI	473426	64129	DRMAN	129PKG	64210	DRMAN	210PKG	64314	VIC	472560N <sup>28</sup>
64078	VIC	471281 <sup>28</sup>	64129	VIC	415295	64210	VIC	323133	64315	VIC	471652
6408	C-R	16X26X7 <sup>28</sup>	64131	DRMAN	131PKG	64211	DRMAN	211PKG	64317	VIC	470328
6408	SKF	16X26X7	64132	DRMAN	132PKG	64212	DRMAN	212PKG	64317	VIC	481213 <sup>28</sup>
64081	VIC	416706 <sup>28</sup>	64133	DRMAN	133PKG	64213	CROWN	200885	64317W	DIA	240151
64083	VIC	416706 <sup>28</sup>	64135	DRMAN	135PKG	64213	DRMAN	213PKG	64320	VIC	470712 <sup>28</sup>
64083	VIC	455272	64135	VIC	471554 <sup>28</sup>	64214	DRMAN	214PKG	64323	VIC	204020
64084	VIC	415272N	64136	DRMAN	136PKG	64215	DRMAN	215PKG	64323	VIC	204505 <sup>28</sup>
64085	VIC	416706 <sup>28</sup>	64137	DRMAN	137PKG	64216	DRMAN	216PKG	64324	VIC	471763
64086	VIC	416364 <sup>28</sup>	64137	VIC	471567 <sup>28</sup>	64217	DRMAN	217PKG	64325	DRMAN	325PKG
64087	VIC	471532	64138	DRMAN	138PKG	64218	DRMAN	218PKG	64326	DRMAN	326PKG
64088	VIC	416364 <sup>28</sup>	641383	SPICE	40769S	64219	DRMAN	219PKG	64327	DRMAN	327PKG
64090	VIC	471413 <sup>28</sup>	641383	WILYS	40769S	64220	DRMAN	220PKG	64328	DRMAN	328PKG
64092	VIC	470380 <sup>28</sup>	64139	DRMAN	139PKG	64220	TROS	9569S	64329	DRMAN	329PKG
64094	VIC	473228	64139	VIC	471498	64221	DRMAN	221PKG	6432LPD	JN-MN	417073 <sup>29</sup>
64094	VIC	51098	6413S	NATL	483054N	64221	TROS	51322	6432LUP	JN-MN	417073
64095	VIC	473228 <sup>28</sup>	64140	VIC	471643 <sup>28</sup>	64222	DRMAN	222PKG	64330	DRMAN	330PKG
640959	VIC	42763	64141	DRMAN	141PKG	64222	VIC	471571	64331	DRMAN	331PKG
64096	VIC	340009S	64142	DRMAN	142PKG	64223	DRMAN	223PKG	64332	DRMAN	332PKG
64096	VIC	351466	64142	VIC	471684 <sup>28</sup>	64223D	IH	455195	64333	DRMAN	333PKG
640977	CATER	6872S	64142	VIC	471698	64223D	IH	472157 <sup>28</sup>	64334	DRMAN	334PKG
64098	VIC	471264 <sup>28</sup>	64143	DRMAN	143PKG	64225	VIC	370013A	64335	DENCO	415058
64099	VIC	473237 <sup>28</sup>	64143	VIC	415867	64226	DRMAN	226PKG	64335	DRMAN	335PKG
6410	C-R	16X28X7 <sup>28</sup>	64144	DRMAN	144PKG	64227	VIC	370012A	64337	DRMAN	337PKG
6410	C-R	221610	64144	VIC	473406 <sup>28</sup>	64228	DRMAN	228PKG	64338	DRMAN	338PKG
6410	SKF	16X28X7	64145	DRMAN	145PKG	64230	DRMAN	230PKG	64339	DRMAN	339PKG
6410	SKF	221610	64146	DRMAN	146PKG	64231	VIC	370029A	64340	DRMAN	340PKG
64101	AT SU	8705S	64147	DRMAN	147PKG	64232	DRMAN	232PKG	64341	DRMAN	341PKG
64101	VIC	471255 <sup>28</sup>	64147	VIC	342805	64234	DRMAN	234PKG	64346	HYST	471765 <sup>28</sup>
64101S	TROS	8705S	64148	DRMAN	148PKG	64234	VIC	370008A	64346	VIC	472475
64107	VIC	470530 <sup>28</sup>	64148	VIC	39807	64236	DRMAN	236PKG	64347	VIC	473426
64108	VIC	470530 <sup>28</sup>	64149	DRMAN	149PKG	64236	VIC	417247 <sup>28</sup>	64349	VIC	471765 <sup>28</sup>
64109	VIC	471538 <sup>28</sup>	6415	JAGUA	1049	64238	DRMAN	238PKG	6435	C-R	16X32X7
6411	AL-KO	370352A	64150	DRMAN	150PKG	64238	VIC	417541	6435	SKF	16X32X7

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
64353	VIC	471354 <sup>2B</sup>	64487	AM WH	470169	645891	WILYS	240385	64738	DRMAN	6038040
64368	ALLCH	327303 <sup>2B</sup>	64487	AM WH	473214 <sup>2B</sup>	64592	VIC	472475	647400R91	IH	5976S
64382	VIC	474278 <sup>2B</sup>	64487	VIC	370010A	64595	VIC	9912	64744	DRMAN	6044040
64385	VIC	471737	64488	AM WH	417343 <sup>2B</sup>	645980	WILYS	5MR1300	647468	WILYS	470351
643882	CATER	450867	644881	BENDI	471733	646007	CATER	415035 <sup>2B</sup>	64749325	VMM	224520
643882	CATER	470898	64491	VIC	370011A	646007	CATER	455035	6474SS	JN-MN	30X62X7 <sup>29</sup>
64395	VIC	471795	64492	DRMAN	6010020	64601	VIC	353141 <sup>2B</sup>	6475	VICK	471442 <sup>2B</sup>
6439SS	JN-MN	17X40X7	64494	VIC	474276 <sup>2B</sup>	6460100114	MERCE	710812	64754	VIC	450073
6440	C-R	16X35X7	64495	VIC	370033A	646015	GERL	417596	64780	HYST	471765 <sup>2B</sup>
6440	SKF	16X35X7	64496	VIC	481163 <sup>2B</sup>	64601S	TROS	472082	64780	VIC	352541
644023	GERL	415027 <sup>2B</sup>	644K1	WHITE	240151	64602	AM WH	417563	647829	BENDI	450039
644023	GERL	455027	64501R	TROS	6712NA	64603	VIC	370034A	647830	BENDI	471276
64402S	TROS	8610	64502	VIC	455336	646059	CHRYSS	472560N <sup>2B</sup>	64794	VIC	225230 <sup>29</sup>
64405	VIC	353137	645058R91	IH	480630 <sup>2B</sup>	646059	CHRYSS	50151S	64794	VIC	52X72X8 <sup>2B</sup>
64405	VIC	473424	64507	VIC	J1606	6460LA	JN-MN	417273	6480	C-R	16X40X7
644071	MANT	J1121	64511	VIC	370012A	6460S	TIMKE	6460S	6480	SKF	16X40X7
64410	CHECK	350414	64517	VIC	370048A	646110M1	MASSE	471316	648029	CATER	417134
64410	CHECK	472311 <sup>2B</sup>	64517	VIC	370182A	6461LA	JN-MN	416167 <sup>2B</sup>	648029	TMTR	417134
644119	GERL	450083	64517	VIC	380048A	6461LA	JN-MN	455091	6481	C-R	16X40X7
644119	GERL	472924 <sup>2B</sup>	64523	VIC	44052	64622	DRMAN	6022030	6481	SKF	16X40X7
64414	VIC	370001A	64529	VIC	450593 <sup>2B</sup>	64624	DRMAN	6024030	648149	GMC	412119 <sup>2B</sup>
64414	VIC	380001A	64530	VIC	370001A	646262	OPEL	710399	648149	GMC	450101
64415	VIC	370124A	64530	VIC	380001A	646263	GMC	710824	6481S	TIMKE	6481S
644236X1	IH	6703S	64533	VIC	J1119	646264	OPEL	3771	6482134	DURA	470954 <sup>2B</sup>
64424	VIC	471765 <sup>2B</sup>	64534	VIC	370054A	646264	VAUXH	3771	6484093	STUDE	5778
644254	WILYS	40286	64538	VIC	370132A	646265	GMC	710824	6484109	STUDE	450067
644284	AMC	470163	64539	VIC	370131A	646266	OPEL	3771	6484109	STUDE	473228
644284	AMC	471766 <sup>2B</sup>	64539	VIC	380131A	646266	VAUXH	3771	64843	CHECK	8160S
644284	WILYS	470163	64539	VIC	455685	646267	OPEL	710399	64853210	TROS	416107 <sup>2B</sup>
644284	WILYS	471766 <sup>2B</sup>	6453LA	JN-MN	450472 <sup>2B</sup>	646269	GMC	710613	64853210	TROS	455073
64432	DRMAN	6003020	64541	VIC	370011A	64627	DRMAN	6027030	648620	ALLCH	416345 <sup>2B</sup>
64433	VIC	473228 <sup>2B</sup>	64542	VIC	415371	646270	OPEL	710399	648620	ALLCH	455033
64434	VIC	417698	64546	VIC	370006A	646271	GMC	710613	6487	HYST	416865 <sup>2B</sup>
64437	VIC	370057A	6454LA	JN-MN	416654 <sup>2B</sup>	646289	GMC	710824	6487	HYST	455070
64442	DRMAN	6004020	6454LA	JN-MN	455012	646299	OPEL	710799	64874	CHECK	450867
64443	VIC	370030A	6455	C-R	710261	64630	DRMAN	6030030	64874	CHECK	470898
64446	VIC	323138 <sup>2B</sup>	6455	SKF	710261	64635	VIC	6703S	64895HA	IH	412871 <sup>2B</sup>
64448	VIC	352354	64551	EATON	470737N	64636	VIC	473237 <sup>2B</sup>	64895HA	IH	450329
64448	VIC	472354 <sup>2B</sup>	64553	VIC	370021A	64638	DRMAN	6038030	649020	CATER	472705 <sup>2B</sup>
64452	DRMAN	6005020	64558	VIC	370047A	64638	VIC	472164 <sup>2B</sup>	649266	ALLCH	415995V
644538	WILYS	340787	64560	VIC	481181 <sup>2B</sup>	6464	HYST	417316 <sup>2B</sup>	649299R91	IH	415697 <sup>2B</sup>
64454	VIC	471192	64560	VIC	481181N	6464	HYST	455004	649299R91	IH	455547
64456	VIC	370002A	64561	VIC	370046A	64646	VIC	472179	64935D	IH	455005
64460	VIC	370018A	64562	VIC	473231 <sup>2B</sup>	64656	EATON	475012N	649406	CATER	416043
64462	DRMAN	6006020	64564	VIC	370046A	64679	EATON	416271	649463-1	SPICE	450040
64462	VIC	473231 <sup>2B</sup>	64566	VIC	370106A	64679	EATON	475095N	649463-2	SPICE	450082
64464	VIC	370145A	64567	VIC	370019A	64680	EATON	712375	649463-2	SPICE	473238
64468	VIC	370007A	64568	VIC	J1131	646851	ALLCH	471466 <sup>2B</sup>	649463-3	SPICE	413247 <sup>2B</sup>
64471	VIC	370014A	645681	ALLCH	415725 <sup>2B</sup>	64687D	IH	450301	649463-3	SPICE	450350
64472	DRMAN	6007020	6456LA	JN-MN	455026	64687D	IH	472397 <sup>2B</sup>	649463-4	SPICE	415449 <sup>2B</sup>
644777	BENDI	416288 <sup>2B</sup>	64570	VIC	J1138	64688D	IH	415995 <sup>2B</sup>	649463-4	SPICE	455147
64482	DRMAN	6008020	64571	VIC	370028A	64688D	IH	455013	649463-5	SPICE	415379 <sup>2B</sup>
64482	VIC	370165A	64572	VIC	3095	64697	VIC	473231 <sup>2B</sup>	649463-5	SPICE	455379
644830	BENDI	471689 <sup>2B</sup>	64572	VIC	3103	646973	OPEL	710674	649463-6	SPICE	471692 <sup>2B</sup>
644831	BENDI	450078	64573	VIC	3103 <sup>2B</sup>	6470	C-R	16X38X7	6494LA	JN-MN	473245 <sup>2B</sup>
644831	BENDI	473444	6457LA	JN-MN	415259 <sup>2B</sup>	6470	SKF	16X38X7	649574	GMC	481163 <sup>2B</sup>
644832	BENDI	450593 <sup>2B</sup>	64584	VIC	370024A	6470203	STUDE	471829	649591	GMC	370024A
64484	VIC	415009	64585	VIC	J1128	647217R91	IH	415085 <sup>2B</sup>	6495S	NATL	455566
64484	VIC	415960 <sup>2B</sup>	64589	VIC	370009A	647217R91	IH	456648	64993	C-R	415294 <sup>2B</sup>
644856	CHRYSS	470354	64589	VIC	380009A	64730	VIC	417158 <sup>2B</sup>	64993	SKF	415294

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
64994	C-R	415294 <sup>28</sup>	65-00482	VERA	223014	6501299	VERA	223840	65-02395	VERA	471224 <sup>28</sup>
64994	SKF	415294	65-00516	VERA	1962	6501299	VERA	38X58X8 <sup>28</sup>	65-02429	VERA	5778
6499SS	JN-MN	340483	65-00532	VERA	1174	6501307	VERA	223542	6502502	VERA	1174
64SD-53	BORGW	417316 <sup>28</sup>	65-00565	VERA	32X58X8 <sup>28</sup>	6501307	VERA	35X55X11 <sup>28</sup>	6502528	VERA	1174
64SD-53	BORGW	455004	6500581	VERA	472287 <sup>28</sup>				6502569	VERA	1012N
64SD-53	IG-RA	417316 <sup>28</sup>	6500599	VERA	224045	65-01315	VERA	1960	6502569	VERA	45X62X8 <sup>28</sup>
64SD-53	IG-RA	455004	65-00615	VERA	1188	6501364	VERA	472258 <sup>28</sup>	6502577	VERA	224045
64X3921	GARLK	417601 <sup>29</sup>	6500623	VERA	1973	6501414	VERA	224840	65025SF	VIC	710163
64X3926	GARLK	417602 <sup>28</sup>	65-00631	VERA	494122	65-01430	VERA	1196	6502643	VERA	224045
64X3938	GARLK	417604 <sup>29</sup>	6500706	VERA	1174	65-01455	VERA	3698	6502668	VERA	224045
64X3944	GARLK	417567 <sup>29</sup>	6500714	VERA	1012N	65-01463	VERA	472164 <sup>28</sup>	6502676	VERA	224045
64X3952	GARLK	415128 <sup>29</sup>	6500714	VERA	45X62X8 <sup>28</sup>	65-01513	VERA	1984	65027	TRISL	370106A
64X3953	GARLK	455129 <sup>29</sup>	65-00722	VERA	1974	6501547	VERA	1012N	65027U	TRISL	370106A
64X3954	GARLK	455462 <sup>29</sup>	6500763	VERA	224270	6501554	VERA	226020	65-02817	VERA	203006 <sup>28</sup>
64X3955	GARLK	415090 <sup>29</sup>	6500763	VERA	42X72X10 <sup>28</sup>	6501554	VERA	60X80X8 <sup>28</sup>	6502825	VERA	1188
64X3968	GARLK	415219 <sup>29</sup>				6501570	VERA	224820	6502825	VERA	224820
64X3984	GARLK	417606 <sup>29</sup>	6500771	VERA	224045	6501570	VERA	48X62X8 <sup>28</sup>	6502825	VERA	48X62X8 <sup>28</sup>
64X3985	GARLK	55078S <sup>29</sup>	6500789	VERA	223542	65-01588	VERA	473234 <sup>28</sup>	6502833	VERA	1955
64X3997	GARLK	417020 <sup>29</sup>	6500789	VERA	35X55X11 <sup>28</sup>	65-01612	VERA	473228 <sup>28</sup>	6502833	VERA	52X65X9 <sup>28</sup>
64X3998	GARLK	417020 <sup>29</sup>				65-01612	VERA	481837	65-02858	VERA	474134
64X4009	GARLK	417570 <sup>29</sup>	65-00839	VERA	471224 <sup>28</sup>	65-01638	VERA	1183	6502866	VERA	225010
64X4011	GARLK	457997	65-00862	VERA	228010				6502866	VERA	50X65X8 <sup>28</sup>
64X4017	GARLK	415227 <sup>28,29</sup>	6500870	VERA	227550	6501646	VERA	1174	6502874	VERA	225110
64X4036	GARLK	415482 <sup>29</sup>	6500870	VERA	75X100X12 <sup>28</sup>	65-01679	VERA	2002	65-02890	VERA	1943
64X4057	GARLK	415077				6501703	VERA	224820	65-02900	VERA	494117
64X4063	GARLK	415076 <sup>29</sup>	6500888	VERA	1955	65-01745	VERA	471195 <sup>28</sup>	65-01745	VERA	481195
64X4072	GARLK	417608	6500888	VERA	52X65X9 <sup>28</sup>	65-01745	VERA	481195	6501752	VERA	1208
64X4499	GARLK	415124 <sup>29</sup>	6500896	VERA	225020	6501752	VERA	48X72X7 <sup>28</sup>	6501752	VERA	48X72X7 <sup>28</sup>
64X4500	GARLK	417022 <sup>29</sup>	6500896	VERA	50X68X8 <sup>28</sup>	65-01786	VERA	1209	65-01786	VERA	1209
64X4610	GARLK	415871	6500904	VERA	224820	65-01794	VERA	3771	65-01794	VERA	3771
6500	NATL	471829	6500904	VERA	48X62X8 <sup>28</sup>	65-01802	VERA	1981	65-01802	VERA	1981
6500011	VERA	1213N	6500953	VERA	1012N	6501810	VERA	473238	6501810	VERA	473238
65-00029	VERA	473823	6500979	VERA	1213N	65-01893	VERA	471224 <sup>28</sup>	65-01893	VERA	471224 <sup>28</sup>
6500037	VERA	1994	6501	ALOY	5123	6501919	VERA	350936	6501919	VERA	350936
6500037	VERA	48X70X9 <sup>28</sup>	6501000	VERA	41X56X7 <sup>28</sup>	6501950	VERA	223830	6501950	VERA	223830
65-00052	VERA	1167	6501018	VERA	41X56X7 <sup>28</sup>	6501950	VERA	38X55X7 <sup>28</sup>	6501950	VERA	38X55X7 <sup>28</sup>
65-00060	VERA	1173	6501026	VERA	224015						
65-00094	VERA	223014	6501026	VERA	40X52X7 <sup>28</sup>	65-01992	VERA	7834	65-01992	VERA	7834
65000U	TRISL	370048A	6501034	VERA	224015	6501SS	JN-MN	350156	6501SS	JN-MN	350156
65000U	TRISL	370182A	6501034	VERA	40X52X7 <sup>28</sup>	6501SS	JN-MN	473096	6501SS	JN-MN	473096
65000U	TRISL	380048A	65-01042	VERA	471224 <sup>28</sup>	65-02015	VERA	472397 <sup>28</sup>	65-02015	VERA	472397 <sup>28</sup>
65001	VIC	350364	65-01067	VERA	480630 <sup>28</sup>	6502023	VERA	224235	6502023	VERA	224235
6500136	VERA	1012N	65-01067	VERA	480991	65-02043	VERA	24X35X7	65-02043	VERA	24X35X7
6500193	VERA	224520	65-01083	VERA	472397 <sup>28</sup>	65-02049	VERA	24X35X7	65-02049	VERA	24X35X7
6500193	VERA	45X60X10 <sup>28</sup>	65-01091	VERA	1959	6502080	VERA	451857	6502080	VERA	451857
6500201	VERA	1174	6501117	VERA	1180	65021	C-R	416229 <sup>29</sup>	65021	C-R	416229 <sup>29</sup>
65-00250	VERA	471192	6501117	VERA	41X55X7 <sup>28</sup>	65021	SKF	416229	65021	SKF	416229
65-00268	VERA	470163	65-01125	VERA	1950	6502148	VERA	224025	6502148	VERA	224025
65-00268	VERA	471766 <sup>28</sup>	65-01133	VERA	224015	6502148	VERA	24X35X7 <sup>28</sup>	6502148	VERA	24X35X7 <sup>28</sup>
6500284	VERA	225230	65-01141	VERA	1176	6502171	VERA	1994	6502171	VERA	1994
6500284	VERA	52X72X8 <sup>28</sup>	6501158	VERA	223010	6502171	VERA	48X70X9 <sup>28</sup>	6502171	VERA	48X70X9 <sup>28</sup>
65-00300	VERA	473367	6501158	VERA	30X42X7 <sup>28</sup>	65-02189	VERA	472213	65-02189	VERA	472213
6500318	VERA	1953	65-01185	VERA	2002	6502197	VERA	227040	6502197	VERA	227040
6500318	VERA	42X60X7 <sup>28</sup>	6501208	VERA	224840	6502197	VERA	70X90X10 <sup>28</sup>	6502197	VERA	70X90X10 <sup>28</sup>
6500326	VERA	473230	65-01216	VERA	470898						
65-00342	VERA	470487N	6501224	VERA	451948	65022	VIC	9845	65-03228	VERA	1990
65-00409	VERA	1956	65-01265	VERA	473234 <sup>28</sup>	65-02239	VERA	471870 <sup>28</sup>	650328	CHRYS	473450 <sup>28</sup>
65-00417	VERA	228010	6501273	VERA	223840	65-02288	VERA	228010	6503319	VERA	1994
65-00466	VERA	223535	6501273	VERA	38X58X8 <sup>28</sup>	6502346	VERA	471785 <sup>28</sup>	6503319	VERA	48X70X9 <sup>28</sup>
			65-01281	VERA	1177	6502361	VERA	227040	6503327	VERA	228020
						6502361	VERA	70X90X10 <sup>28</sup>	6503327	VERA	80X105X13 <sup>28</sup>

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<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
6503335	VERA	224020	65060U	TRISL	380025A	6521	SKF	481528	65441D	IH	470219
6503335	VERA	40X55X8 <sup>28</sup>	65060U	TRISL	386025A	652255R91	IH	204017	65441D	IH	471649 <sup>28</sup>
6503373	VERA	227020	65060W	TRISL	370025A	65242	VIC	240414 <sup>29</sup>	65446	VIC	323138 <sup>28,29</sup>
6503373	VERA	70X88X8 <sup>28</sup>	65060W	TRISL	386025A	65245	VIC	340120	6545	TIMKE	6545
6503376	VERA	225020	65061	AMC	473446	6525	ALOY	6712NA	654674R91	IH	200885
6503376	VERA	50X68X8 <sup>28</sup>	65064	AMC	473446	65261U	TRISL	370036A	654686	GMC	370012A
65-03442	VERA	2003N <sup>28</sup>	65065W	TRISL	370005A	65261U	TRISL	370349A	654687	GMC	370021A
65-03459	VERA	444116	6506SS	JN-MN	471192 <sup>29</sup>	65261U	TRISL	380036A	6546LA	JN-MN	415281N
65-03475	VERA	1986	65071U	TRISL	370031A	65261W	TRISL	370036A	6547	SHEP	450185
65-03558	VERA	494123	65071U	TRISL	380031A	65261W	TRISL	370349A	6547	SHEP	473229
6503574	VERA	225005	65072W	TRISL	370021A	65261W	TRISL	380036A	6547LA	JN-MN	415034 <sup>28</sup>
6503574	VERA	50X62X7 <sup>28</sup>	65073W	TRISL	370002A	65262U	TRISL	370065A	6547LA	JN-MN	455034
65-03582	VERA	224015	65073W	TRISL	370029A	65262U	TRISL	380065A	6548	SHEP	450301
65036	C-R	416229 <sup>29</sup>	65078U	TRISL	370131A	65262W	TRISL	370065A	6548	SHEP	472397 <sup>28</sup>
65036	SKF	416229	65078U	TRISL	380131A	65262W	TRISL	380065A	654805	ALLCH	417355 <sup>28</sup>
65-03616	VERA	415984 <sup>28</sup>	650794	ALLCH	470954 <sup>28</sup>	65263	TROS	6638S	6548LA	JN-MN	450444
65-03673	VERA	223035	650794	ALLCH	480954	65263U	TRISL	370001A	6548LA	JN-MN	471835 <sup>28</sup>
65037	C-R	416229 <sup>29</sup>	65082D	IH	456105	65263U	TRISL	380001A	65501S	TROS	9449
65037	SKF	416229	65085D	IH	456105	652656	CLARK	470548	65512	DURA	7994S
65-03715	VERA	482126	650893	WHITE	455500	652656	CLARK	470625 <sup>28</sup>	65520S	TROS	470687
6503731	VERA	225020	65092U	TRISL	370048A	65269W	TRISL	370121A	655.340	ELRNG	224200
6503731	VERA	50X68X8 <sup>28</sup>	65092U	TRISL	370182A	65270U	TRISL	370022A	65546	VIC	323138 <sup>28,29</sup>
6503749	VERA	228480	65092U	TRISL	380048A	65270U	TRISL	380022A	65549AX	OSHKO	417082
65-03798	VERA	710060	65096	VIC	340009S	65270W	TRISL	370022A	65549HX	OSHKO	417082
65-03814	VERA	224025	6509LA	JN-MN	450069	65275U	TRISL	370033A	655512	CONCA	415991
65-03822	VERA	1960	6509LA	JN-MN	473232	652769R91	IH	204017	655512	CONCA	455146 <sup>28</sup>
65-03830	VERA	474134	650D5	WHITE	476283N	65279W	TRISL	380022A	6556	C-R	481073
65039	HYST	471765 <sup>28</sup>	65102S	TROS	8974S	6528LA	JN-MN	470403	6556	SKF	481073
6504	ALOY	9406S	65103	SHOV	416144	6528LA	JN-MN	470774 <sup>28</sup>	65566	AM WH	471391 <sup>28</sup>
6504	HYST	415458 <sup>28</sup>	65103S	TROS	8975S	65294U	TRISL	370033A	6557-BGE	SABO	710092
6504	HYST	455003	65105	SHOV	455197N	65298U	TRISL	370037A	6557T	BORGW	410308 <sup>28</sup>
6504001	VERA	1213N	65111U	TRISL	370047A	65298U	TRISL	370338A	6558693	CLARK	J1122
65-04050	VERA	1987	65118	ALLCH	471689 <sup>28</sup>	6530R	JN-MN	455576 <sup>28,29</sup>	65589	WAUKE	415025
65-04068	VERA	225220	651193R91	IH	204038	65312	VIC	340815	6558963	CLARK	J1122
65-04100	VERA	5696	65120	AT SU	9406S	65314	VIC	340151	6558R	JN-MN	473227
6504118	VERA	1180	65121S	TROS	9339S	6531SS	JN-MN	471567 <sup>28</sup>	65598	SABO	710552
6504118	VERA	41X55X7 <sup>28</sup>	651246	ALLCH	451583 <sup>28</sup>	6532R	JN-MN	472150 <sup>29</sup>	6559R	JN-MN	471820 <sup>29</sup>
6504126	VERA	1994	65126	VIC	350954	6533EL	SUL	415991	65600D	IH	417539 <sup>28</sup>
6504126	VERA	48X70X9 <sup>28</sup>	65126	VIC	470954 <sup>28</sup>	6533EL	SUL	455146 <sup>28</sup>	65601S	TROS	3945
65-04142	VERA	5695	651266	WHITE	473205	6533LA	JN-MN	417555 <sup>28,29</sup>	656115	Y-T	471466 <sup>28</sup>
6504159	VERA	1180	651299	ALLCH	415483	6533LPD	JN-MN	417555 <sup>28</sup>	656.160	ELRNG	710822
6504159	VERA	41X55X7 <sup>28</sup>	6513499	CLARK	450121	65340S	TROS	8695S	65628	CINMI	470682
65-04258	VERA	471870 <sup>28</sup>	6513499	CLARK	472409 <sup>28</sup>	65343	DENCO	415058	656520	GMC	452554N
65-04258	VERA	471883	6515000	CLARK	40301S	653432R91	IH	204017	6565N	TIMKE	6565N
65-04274	VERA	494117	65152U	TRISL	370023A	65349	DENCO	416706 <sup>28</sup>	65682	OLIVE	450341
65-04308	VERA	1949	65152U	TRISL	380023A	65349	DENCO	455272	65698R91	IH	455008
65-04431	VERA	225650	65165U	TRISL	370005A	6534EL	SUL	417487	6570	ACF	415035 <sup>28</sup>
65055	EATON	475368N	65170	VIC	471787 <sup>28</sup>	6534EL	SUL	455014	6570	ACF	455035
65056U	TRISL	370003A	65172U	TRISL	370021A	65350	DENCO	415045 <sup>28</sup>	6570	HYST	415035 <sup>28</sup>
65056U	TRISL	380003A	65179R91	IH	415697 <sup>28</sup>	65360S	TROS	7687S	6570	HYST	455035
65056W	TRISL	370003A	65179R91	IH	455547	653632R91	IH	205017	6570LPD	JN-MN	471558
65058	CABOT	415645 <sup>28</sup>	65184U	TRISL	370019A	65380	VIC	471763	657206	ALLCH	472924 <sup>28</sup>
65058	CABOT	455104	6519	ALOY	9449	65382	VIC	340356 <sup>29</sup>	65735	SABO	710551
65058	FAIRB	415645 <sup>28</sup>	65191	VIC	340413	6538LA	JN-MN	416154 <sup>28</sup>	657516R91	IH	450291
65058	FAIRB	455104	65193	VIC	351267	6538LPD	JN-MN	416154 <sup>28</sup>	657516R91	IH	471141 <sup>28</sup>
65058	GR-DV	415645 <sup>28</sup>	65193	VIC	471267 <sup>28</sup>	65402S	TROS	411330N	6575S	TIMKE	6575S
65058	GR-DV	455104	65201S	TROS	8835S	654084C91	IH	410524	657605	CLARK	413469 <sup>28</sup>
65058K	CHRYS	415645 <sup>28</sup>	65202	TROS	8940S	6541	C-R	481537	657606	CLARK	417073
65058K	CHRYS	455104	6521	ALOY	8940S	6541	SKF	481537	657607	CLARK	411253 <sup>28</sup>
65060U	TRISL	370025A	6521	C-R	481528	65418C1	IH	471765 <sup>28</sup>	657607	CLARK	450099

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# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
657608	CLARK	410102	6589428	ALLCH	476470 <sup>28</sup>	65924	FWD	455195	65990	FWD	450365
657609	CLARK	470682	659007XX	TIMKE	65X90X7	65924	FWD	472157 <sup>28</sup>	65990	FWD	470898 <sup>28</sup>
657610	CLARK	450316	659008	EATON	J1115	65925	FWD	415263	659900R91	IH	455480 <sup>28</sup>
657610	CLARK	472636 <sup>28</sup>	659009	EATON	J1124	659258	WHITE	473226	659909R91	IH	417604
657611	CLARK	473447	659009	Y-T	J1124	65926	FWD	416125 <sup>28</sup>	65992	FWD	412119 <sup>28</sup>
657612	CLARK	417498	65901	FWD	470120	65926	OLIVE	340495	65992	FWD	450101
657613	CLARK	415449 <sup>28</sup>	65901	FWD	471224 <sup>28</sup>	65927	FWD	415725 <sup>28</sup>	65993	FWD	472070
657613	CLARK	455147	659010	EATON	J1130	65928	FWD	50405	65994	FWD	481864
657614	CLARK	415995 <sup>28</sup>	659010	Y-T	J1130	65930	FWD	417344 <sup>28</sup>	65995	FWD	416865 <sup>28</sup>
657614	CLARK	455013	659010XX	TIMKE	65X90X10	65930	FWD	455006	65995	FWD	455070
657615	CLARK	455018	65902	FWD	416271 <sup>28</sup>	65931	FWD	472234	65996	FWD	481864
657615	CLARK	476470	65904	FWD	450352	65933	FWD	415027 <sup>28</sup>	65998	FWD	470219
657616	CLARK	473242	65904	FWD	472164 <sup>28</sup>	65933	FWD	455027	65998	FWD	471649 <sup>28</sup>
657617	CLARK	473245 <sup>28</sup>	65905	FWD	471870 <sup>28</sup>	65934	FWD	417191	65W1	WHITE	412473 <sup>28</sup>
657621	CLARK	415960 <sup>28</sup>	65905	FWD	471883	65934	FWD	455165 <sup>28</sup>	65W1	WHITE	415894
657621	CLARK	455009	65906	FWD	450117	65940	FWD	411394 <sup>28</sup>	65X100	GARLK	481537
657622	CLARK	415007	65906	FWD	472572 <sup>28</sup>	65940	FWD	450317	65X10007XX	TIMKE	65X100X7
657623	CLARK	450183	65907	FWD	450365	65941	FWD	412040	65X10010XX	TIMKE	65X100X10
657623	CLARK	472179	65907	FWD	470898 <sup>28</sup>	65942	FWD	415302	65X100X10	TIMKE	65X100X10
657624	CLARK	416891 <sup>28</sup>	6590S	TIMKE	6590S	65943	FWD	455005	65X100X10SC	TRSCM	65X100X10
657625	CLARK	412119 <sup>28</sup>	65910	FWD	473475	65944	FWD	455018	65X100X10TC	TRSCM	65X100X10
657625	CLARK	450101	659107R91	IH	471192	65944	FWD	476470	65X1042	GARLK	472439 <sup>29</sup>
657628	CLARK	456105	659108R91	IH	450185	65946	FWD	415045 <sup>28</sup>	65X1043	GARLK	472439 <sup>29</sup>
657629	CLARK	410520	659108R91	IH	473229	65948	FWD	416706 <sup>28</sup>	65X1044	GARLK	472439
657629	CLARK	471272 <sup>28</sup>	659109R91	IH	471785 <sup>28</sup>	65948	FWD	455272	65X1045	GARLK	471868
657630	CLARK	415991	65911	FWD	450313	65948	OLIVE	416706 <sup>28</sup>	65X1047	GARLK	471868
657630	CLARK	455146 <sup>28</sup>	659110R91	IH	412473 <sup>28</sup>	65948	OLIVE	455272	65X1048	GARLK	450117
65779	SABO	710607	659110R91	IH	415894	65950	FWD	415234 <sup>28</sup>	65X1048	GARLK	472572 <sup>28</sup>
657810	GMC	370009A	659111R91	IH	450291	659507XX	TIMKE	65X95X7	65X1049	GARLK	450117
657810	GMC	380009A	659111R91	IH	471141 <sup>28</sup>	65952	FWD	472394	65X1049	GARLK	472572 <sup>28</sup>
657811	GMC	370024A	659112R91	IH	470682	65953	FWD	481163 <sup>28</sup>	65X1050	GARLK	450117
657812	GMC	370019A	659113R91	IH	471424 <sup>28</sup>	65955	FWD	455203	65X1050	GARLK	472572 <sup>28</sup>
657813	GMC	370021A	659114R91	IH	450185	65955	OLIVE	455203	65X1051	GARLK	473179 <sup>28</sup>
657814	GMC	370005A	659114R91	IH	473229	65958	FWD	450115	65X1052	GARLK	473179 <sup>28</sup>
657815	GMC	370007A	659115R91	IH	471466 <sup>28</sup>	65958	FWD	473467 <sup>28</sup>	65X1053	GARLK	473179 <sup>28</sup>
6580	C-R	481397 <sup>29</sup>	659116R91	IH	471785 <sup>28</sup>	65959	FWD	455249 <sup>28</sup>	65X1054	GARLK	414045 <sup>28,29</sup>
6580	SKF	481397	659118R91	IH	450291	659606	CLARK	415027 <sup>28</sup>	65X1055	GARLK	414045 <sup>28,29</sup>
658008A	HARWA	65X80X8	659118R91	IH	471141 <sup>28</sup>	659606	CLARK	455027	65X1056	GARLK	414045 <sup>28,29</sup>
658008XX	TIMKE	65X80X8	659124R91	IH	471192	65961	TROS	412725	65X1057	GARLK	450082
658114	ALLCH	415147N	659125R91	IH	416956	65963	FWD	412040	65X1057	GARLK	473238
658137R91	IH	416956	65913	FWD	411253 <sup>28</sup>	65964	FWD	410520	65X1058	GARLK	450082
65824	SABO	710603	65913	FWD	450099	65964	FWD	471272 <sup>28</sup>	65X1058	GARLK	473238
6582LA	JN-MN	417512	65914	FWD	411376 <sup>28</sup>	65966	FWD	473450	65X1059	GARLK	473238 <sup>28</sup>
6582LUP	JN-MN	417512	65914	FWD	455093	659675	CLARK	471689 <sup>28</sup>	65X1060	GARLK	450084 <sup>28</sup>
6584	ALOY	7038SA	65914	OLIVE	411376 <sup>28</sup>	659675R91	IH	414045 <sup>28</sup>	65X1062	GARLK	450084 <sup>28</sup>
6584	ALOY	7300S	65914	OLIVE	455093	65970	FWD	323138 <sup>28</sup>	65X1063	GARLK	450298
6584S	TIMKE	6584S	65916	FWD	415984 <sup>28</sup>	65971	FWD	418028	65X1063	GARLK	473239
6585	ALOY	2043	65917	FWD	418028	65971	FWD	455137 <sup>28</sup>	65X1064	GARLK	450298
658508XX	TIMKE	65X85X8	65917	FWD	455137 <sup>28</sup>	659710R91	IH	412119 <sup>28</sup>	65X1064	GARLK	473239
658510XX	TIMKE	65X85X10	65918	FWD	415991	65972	FWD	415281N	65X1065	GARLK	450298
6585R	JN-MN	417546 <sup>28</sup>	65918	FWD	455146 <sup>28</sup>	65973	FWD	55030	65X1065	GARLK	473239
658650R91	IH	471424 <sup>28</sup>	65919	FWD	415991	65977	AM WH	417171 <sup>28</sup>	65X1066	GARLK	473457 <sup>28</sup>
658651R91	IH	470682	65919	FWD	455146 <sup>28</sup>	6597S	TIMKE	6597S	65X1067	GARLK	473457 <sup>28</sup>
658745	CLARK	415254	65920	FWD	415379 <sup>28</sup>	65982	FWD	417316 <sup>28</sup>	65X1068	GARLK	473457 <sup>28</sup>
6588	ALOY	8139	65920	FWD	455379	65982	FWD	455004	65X1069	GARLK	473240 <sup>28,29</sup>
658808XX	TIMKE	65X88X8	65921	FWD	415023	65982	JOHND	417316 <sup>28</sup>	65X1070	GARLK	473240 <sup>28,29</sup>
658810XX	TIMKE	65X88X10	65921	OLIVE	415023	65982	JOHND	455004	65X1071	GARLK	473240 <sup>28</sup>
6588LA	JN-MN	417269 <sup>28</sup>	65922	FWD	416339	65983	FWD	416149	65X1075	GARLK	473458 <sup>29</sup>
658942	ALLCH	416470N	65922	FWD	455031 <sup>28</sup>	65983R91	IH	330385 <sup>28</sup>	65X1076	GARLK	473458
6589428	ALLCH	415304	65923	FWD	415150 <sup>28</sup>	65986	FWD	415303 <sup>28</sup>	65X1077	GARLK	473458 <sup>29</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
65X109	GARLK	471529	65X1190	GARLK	450389	65X1323	GARLK	470898	65X142	GARLK	471554 <sup>28</sup>
65X110	GARLK	471529	65X1190	GARLK	472492 <sup>28</sup>	65X1324	GARLK	450115	65X1420	GARLK	473245 <sup>28,29</sup>
65X111	GARLK	471538 <sup>28,29</sup>	65X1191	GARLK	450389	65X1324	GARLK	473467	65X1421	GARLK	473245 <sup>28,29</sup>
65X1114	GARLK	472319	65X1191	GARLK	472492 <sup>28</sup>	65X1326	GARLK	450115	65X1422	GARLK	470351
65X1115	GARLK	472319	65X1198	GARLK	472924 <sup>28</sup>	65X1326	GARLK	473467	65X1422	GARLK	471504 <sup>28</sup>
65X1116	GARLK	472319	65X1199	GARLK	472924 <sup>28</sup>	65X1327	GARLK	472015 <sup>28</sup>	65X1423	GARLK	412943 <sup>29</sup>
65X1117	GARLK	471869	65X1200	GARLK	450083	65X1328	GARLK	472015 <sup>28</sup>	65X1424	GARLK	412943 <sup>29</sup>
65X1117	GARLK	473459	65X1200	GARLK	472924 <sup>28</sup>	65X1329	GARLK	472015 <sup>28</sup>	65X1425	GARLK	412943 <sup>29</sup>
65X1118	GARLK	471869	65X1201	GARLK	470530 <sup>28</sup>	65X1330	GARLK	410308 <sup>28</sup>	65X1426	GARLK	413472
65X1118	GARLK	473459	65X1202	GARLK	470530 <sup>28</sup>	65X1330	GARLK	450308	65X1428	GARLK	413472
65X1119	GARLK	471869	65X1203	GARLK	450085	65X1331	GARLK	410308 <sup>28</sup>	65X143	GARLK	471567 <sup>28</sup>
65X1119	GARLK	473459	65X1203	GARLK	470530 <sup>28</sup>	65X1331	GARLK	450308	65X1432	GARLK	416268
65X112	GARLK	471538 <sup>28</sup>	65X1204	GARLK	450301	65X1332	GARLK	410308 <sup>28</sup>	65X1434	GARLK	416268
65X1120	GARLK	473241	65X1204	GARLK	472397 <sup>28</sup>	65X1332	GARLK	450308	65X144	GARLK	471567 <sup>28</sup>
65X1121	GARLK	473241	65X1205	GARLK	450301	65X1333	GARLK	410312N	65X145	GARLK	471498 <sup>29</sup>
65X1122	GARLK	473241	65X1205	GARLK	472397 <sup>28</sup>	65X1334	GARLK	410312N	65X146	GARLK	471498
65X1125	GARLK	450279	65X1206	GARLK	450301	65X1335	GARLK	410312N	65X147	GARLK	471643 <sup>28</sup>
65X1129	GARLK	472144 <sup>28</sup>	65X1206	GARLK	472397 <sup>28</sup>	65X1339	GARLK	450121	65X1471	GARLK	471341 <sup>28</sup>
65X113	GARLK	471553 <sup>28</sup>	65X1207	GARLK	473463 <sup>29</sup>	65X1339	GARLK	472409 <sup>28</sup>	65X1472	GARLK	471341 <sup>28</sup>
65X1130	GARLK	472144 <sup>28</sup>	65X1208	GARLK	473463	65X1340	GARLK	450121	65X1473	GARLK	450441
65X1131	GARLK	472144 <sup>28,29</sup>	65X1209	GARLK	473463	65X1340	GARLK	472409 <sup>28</sup>	65X1473	GARLK	471341 <sup>28</sup>
65X1132	GARLK	473460	65X121	GARLK	470506 <sup>28</sup>	65X1341	GARLK	450121	65X1474	GARLK	410520
65X1133	GARLK	473460	65X1210	GARLK	473242 <sup>29</sup>	65X1341	GARLK	472409 <sup>28</sup>	65X1474	GARLK	471272 <sup>28</sup>
65X1134	GARLK	473460	65X1211	GARLK	473242 <sup>29</sup>	65X1345	GARLK	473243	65X1475	GARLK	410520
65X1135	GARLK	472394 <sup>29</sup>	65X1212	GARLK	473242	65X1346	GARLK	473243	65X1475	GARLK	471272 <sup>28</sup>
65X1136	GARLK	472394 <sup>29</sup>	65X1216	GARLK	450095	65X1347	GARLK	473243	65X1476	GARLK	410520
65X1137	GARLK	472394	65X1216	GARLK	473464 <sup>28</sup>	65X1348	GARLK	413469 <sup>28,29</sup>	65X1476	GARLK	471272 <sup>28</sup>
65X1138	GARLK	473461 <sup>28</sup>	65X1217	GARLK	450095	65X1349	GARLK	413469 <sup>28,29</sup>	65X1477	GARLK	473473 <sup>29</sup>
65X1139	GARLK	473461 <sup>28</sup>	65X1217	GARLK	473464 <sup>28</sup>	65X1350	GARLK	413469 <sup>28,29</sup>	65X1478	GARLK	473473
65X114	GARLK	450025	65X1218	GARLK	450095	65X1357	GARLK	416267 <sup>28,29</sup>	65X1479	GARLK	473473
65X114	GARLK	471553 <sup>28</sup>	65X1218	GARLK	473464 <sup>28</sup>	65X1358	GARLK	416267 <sup>28,29</sup>	65X1480	GARLK	471138 <sup>28</sup>
65X1140	GARLK	473461 <sup>28</sup>	65X122	GARLK	470506 <sup>28</sup>	65X1359	GARLK	416267 <sup>28</sup>	65X1481	GARLK	471138 <sup>28</sup>
65X1141	GARLK	471391 <sup>28,29</sup>	65X1252	GARLK	451948	65X1368	GARLK	470169	65X1482	GARLK	471138 <sup>28</sup>
65X1142	GARLK	471391 <sup>28,29</sup>	65X1253	GARLK	451948	65X1368	GARLK	473214	65X1486	GARLK	410737 <sup>28</sup>
65X1143	GARLK	471391 <sup>28</sup>	65X1254	GARLK	451948	65X1378	GARLK	450621 <sup>29</sup>	65X1486	GARLK	450737
65X1147	GARLK	450094	65X1255	GARLK	473466	65X1379	GARLK	450621	65X1487	GARLK	410737 <sup>28</sup>
65X1147	GARLK	473462	65X1257	GARLK	473466	65X1380	GARLK	450621 <sup>29</sup>	65X1487	GARLK	450737
65X1148	GARLK	450094	65X1258	GARLK	472012 <sup>29</sup>	65X1384	GARLK	450869 <sup>29</sup>	65X1488	GARLK	410737 <sup>28</sup>
65X1148	GARLK	473462	65X1259	GARLK	472012 <sup>29</sup>	65X1385	GARLK	450869 <sup>29</sup>	65X1488	GARLK	450737
65X1149	GARLK	450094	65X1260	GARLK	472012	65X1386	GARLK	450869 <sup>29</sup>	65X1492	GARLK	472636 <sup>28</sup>
65X1149	GARLK	473462	65X1261	GARLK	450307 <sup>29</sup>	65X1399	GARLK	450489	65X1493	GARLK	472636 <sup>28</sup>
65X115	GARLK	471579	65X1262	GARLK	450307 <sup>29</sup>	65X1399	GARLK	473244	65X1494	GARLK	450316
65X1150	GARLK	450472 <sup>28</sup>	65X1263	GARLK	450307	65X14	GARLK	330385 <sup>28</sup>	65X1494	GARLK	472636 <sup>28</sup>
65X1151	GARLK	450472 <sup>28</sup>	65X1264	GARLK	450311 <sup>29</sup>	65X1400	GARLK	450489	65X1495	GARLK	411253 <sup>28</sup>
65X1152	GARLK	450472 <sup>28</sup>	65X1265	GARLK	450311 <sup>29</sup>	65X1400	GARLK	473244	65X1495	GARLK	450099
65X116	GARLK	471579 <sup>29</sup>	65X1266	GARLK	450311	65X1401	GARLK	450489	65X1496	GARLK	411253 <sup>28</sup>
65X1162	GARLK	450474 <sup>29</sup>	65X1270	GARLK	416738 <sup>28</sup>	65X1401	GARLK	473244	65X1496	GARLK	450099
65X1163	GARLK	450474 <sup>29</sup>	65X1270	GARLK	450096	65X1402	GARLK	472018	65X1497	GARLK	411253 <sup>28</sup>
65X1164	GARLK	450474 <sup>29</sup>	65X1271	GARLK	416738 <sup>28</sup>	65X1403	GARLK	472018	65X1497	GARLK	450099
65X1165	GARLK	50528 <sup>29</sup>	65X1271	GARLK	450096	65X1404	GARLK	472018 <sup>29</sup>	65X1498	GARLK	412920 <sup>28</sup>
65X1166	GARLK	50528 <sup>29</sup>	65X1272	GARLK	416738 <sup>28</sup>	65X1405	GARLK	473471 <sup>29</sup>	65X1498	GARLK	450132
65X1167	GARLK	50528	65X1272	GARLK	450096	65X1406	GARLK	473471	65X1499	GARLK	412920 <sup>28</sup>
65X1186	GARLK	471870 <sup>28</sup>	65X1276	GARLK	450313	65X1407	GARLK	473471 <sup>29</sup>	65X1499	GARLK	450132
65X1186	GARLK	471883	65X1278	GARLK	450313	65X1408	GARLK	472020 <sup>29</sup>	65X15	GARLK	350156
65X1187	GARLK	471870 <sup>28</sup>	65X13	GARLK	330385 <sup>28</sup>	65X1409	GARLK	472020 <sup>29</sup>	65X15	GARLK	473096
65X1187	GARLK	471883	65X1321	GARLK	450867	65X1410	GARLK	472020 <sup>29</sup>	65X150	GARLK	471684 <sup>28</sup>
65X1188	GARLK	471870 <sup>28</sup>	65X1321	GARLK	470898	65X1414	GARLK	470354 <sup>29</sup>	65X150	GARLK	471698
65X1188	GARLK	471883	65X1322	GARLK	450867	65X1415	GARLK	470354	65X1500	GARLK	412920 <sup>28</sup>
65X1189	GARLK	450389	65X1322	GARLK	470898	65X1416	GARLK	470354 <sup>29</sup>	65X1500	GARLK	450132
65X1189	GARLK	472492 <sup>28</sup>	65X1323	GARLK	450365	65X142	GARLK	470027	65X1501	GARLK	455136 <sup>29</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
65X1502	GARLK	455136 <sup>29</sup>	65X1662	GARLK	450350	65X1815	GARLK	470605 <sup>28,29</sup>	65X196	GARLK	473414 <sup>29</sup>
65X1503	GARLK	455136	65X1663	GARLK	410987 <sup>28</sup>	65X1819	GARLK	415449 <sup>28</sup>	65X199	GARLK	473414 <sup>29</sup>
65X1504	GARLK	411376 <sup>28</sup>	65X1663	GARLK	450103	65X1819	GARLK	455147	65X1993	GARLK	455434 <sup>29</sup>
65X1504	GARLK	455093	65X1664	GARLK	410987 <sup>28</sup>	65X1820	GARLK	415449 <sup>28</sup>	65X1994	GARLK	455434 <sup>29</sup>
65X1505	GARLK	411376 <sup>28</sup>	65X1665	GARLK	410987 <sup>28</sup>	65X1821	GARLK	415449 <sup>28</sup>	65X1995	GARLK	455434
65X1505	GARLK	455093	65X1665	GARLK	450103	65X1821	GARLK	455147	65X200	GARLK	473414 <sup>29</sup>
65X1506	GARLK	411376 <sup>28</sup>	65X1666	GARLK	416271 <sup>28,29</sup>	65X1822	GARLK	415001 <sup>28</sup>	65X2002	GARLK	455151
65X1506	GARLK	455093	65X1667	GARLK	416271 <sup>28,29</sup>	65X1822	GARLK	455001	65X2003	GARLK	455151 <sup>29</sup>
65X153	GARLK	470390 <sup>29</sup>	65X1668	GARLK	416271 <sup>28,29</sup>	65X1823	GARLK	415001 <sup>28</sup>	65X2004	GARLK	455151
65X154	GARLK	470390	65X1672	GARLK	410825	65X1823	GARLK	455001	65X2005	GARLK	455008 <sup>29</sup>
65X155	GARLK	473407 <sup>29</sup>	65X1673	GARLK	410825	65X1824	GARLK	415001 <sup>28</sup>	65X2006	GARLK	455008 <sup>29</sup>
65X156	GARLK	473407	65X1674	GARLK	410825 <sup>29</sup>	65X1824	GARLK	455001	65X2007	GARLK	455008 <sup>29</sup>
65X1561	GARLK	472150 <sup>29</sup>	65X1675	GARLK	416071 <sup>29</sup>	65X1825	GARLK	416273 <sup>28</sup>	65X203	GARLK	473415 <sup>29</sup>
65X1562	GARLK	472150 <sup>29</sup>	65X1676	GARLK	416071 <sup>29</sup>	65X1826	GARLK	416273 <sup>28</sup>	65X2032	GARLK	480491 <sup>29</sup>
65X1563	GARLK	472150	65X1677	GARLK	416071	65X1827	GARLK	416273 <sup>28</sup>	65X2033	GARLK	480491 <sup>29</sup>
65X1573	GARLK	411394 <sup>28</sup>	65X1678	GARLK	417480 <sup>28</sup>	65X1828	GARLK	455079 <sup>28,29</sup>	65X2034	GARLK	480491
65X1573	GARLK	450317	65X1678	GARLK	455860	65X1829	GARLK	455079 <sup>28,29</sup>	65X2035	GARLK	416664 <sup>28</sup>
65X1574	GARLK	411394 <sup>28</sup>	65X1679	GARLK	417480 <sup>28</sup>	65X1830	GARLK	455079 <sup>28</sup>	65X2035	GARLK	455364
65X1574	GARLK	450317	65X1679	GARLK	455860	65X1831	GARLK	415082	65X2036	GARLK	416664 <sup>28</sup>
65X1575	GARLK	411394 <sup>28</sup>	65X1680	GARLK	417480 <sup>28</sup>	65X1832	GARLK	415082 <sup>29</sup>	65X2036	GARLK	455364
65X1575	GARLK	450317	65X1680	GARLK	455860	65X1833	GARLK	415082 <sup>29</sup>	65X2037	GARLK	416664 <sup>28</sup>
65X1576	GARLK	410694 <sup>28,29</sup>	65X17	GARLK	471103 <sup>28</sup>	65X1834	GARLK	455655 <sup>28,29</sup>	65X2037	GARLK	455364
65X1577	GARLK	410694 <sup>28,29</sup>	65X17	GARLK	50197S	65X1835	GARLK	455655 <sup>28,29</sup>	65X2038	GARLK	417484N
65X1578	GARLK	410694 <sup>28,29</sup>	65X1723	GARLK	471887 <sup>29</sup>	65X1836	GARLK	455655 <sup>28,29</sup>	65X2038	GARLK	455322
65X1580	GARLK	450133 <sup>29</sup>	65X1724	GARLK	471887 <sup>29</sup>	65X1927	GARLK	412871 <sup>28</sup>	65X2039	GARLK	417484N
65X1581	GARLK	450133 <sup>29</sup>	65X1725	GARLK	471887	65X1927	GARLK	450329	65X2039	GARLK	455322
65X1585	GARLK	416444 <sup>29</sup>	65X1735	GARLK	412040 <sup>29</sup>	65X1930	GARLK	412871 <sup>28</sup>	65X204	GARLK	473415
65X1586	GARLK	416444 <sup>29</sup>	65X1736	GARLK	412040 <sup>29</sup>	65X1930	GARLK	450329	65X2040	GARLK	417484N
65X1587	GARLK	416444	65X1737	GARLK	412040	65X1931	GARLK	412871 <sup>28</sup>	65X2040	GARLK	455322
65X1594	GARLK	455321 <sup>29</sup>	65X1738	GARLK	411500 <sup>29</sup>	65X1931	GARLK	450329	65X2041	GARLK	415984 <sup>28</sup>
65X1595	GARLK	455321 <sup>29</sup>	65X1739	GARLK	411500 <sup>29</sup>	65X1932	GARLK	412871 <sup>28</sup>	65X2042	GARLK	415984 <sup>28</sup>
65X1596	GARLK	455321	65X1740	GARLK	411500 <sup>29</sup>	65X1932	GARLK	450329	65X2043	GARLK	415984 <sup>28</sup>
65X16	GARLK	350156	65X1741	GARLK	413478 <sup>29</sup>	65X1933	GARLK	413248	65X2044	GARLK	417316 <sup>28</sup>
65X16	GARLK	473096	65X1742	GARLK	413478 <sup>29</sup>	65X1934	GARLK	413248	65X2044	GARLK	455004
65X1639	GARLK	473474 <sup>29</sup>	65X1743	GARLK	413478 <sup>29</sup>	65X1935	GARLK	413248	65X2045	GARLK	417316 <sup>28</sup>
65X1640	GARLK	473474 <sup>29</sup>	65X1744	GARLK	450104 <sup>29</sup>	65X1936	GARLK	450412 <sup>29</sup>	65X2045	GARLK	455004
65X1641	GARLK	473474	65X1745	GARLK	450104 <sup>29</sup>	65X1937	GARLK	450412 <sup>29</sup>	65X2046	GARLK	417316 <sup>28</sup>
65X1642	GARLK	470565 <sup>28</sup>	65X1746	GARLK	450104	65X1938	GARLK	450412	65X2046	GARLK	455004
65X1643	GARLK	470565 <sup>28</sup>	65X1747	GARLK	411245 <sup>28</sup>	65X1939	GARLK	415483 <sup>28</sup>	65X2047	GARLK	415960
65X1644	GARLK	470565 <sup>28</sup>	65X1747	GARLK	455096	65X1939	GARLK	455368	65X2047	GARLK	455009
65X1648	GARLK	473475 <sup>29</sup>	65X1748	GARLK	411245 <sup>28</sup>	65X1940	GARLK	415483 <sup>28</sup>	65X2048	GARLK	415960
65X1649	GARLK	473475	65X1748	GARLK	455096	65X1940	GARLK	455368	65X2048	GARLK	455009
65X1650	GARLK	473475 <sup>29</sup>	65X1749	GARLK	411245 <sup>28</sup>	65X1941	GARLK	415483 <sup>28</sup>	65X2049	GARLK	415960
65X1654	GARLK	413246	65X1749	GARLK	455096	65X1941	GARLK	455368	65X2049	GARLK	455009
65X1654	GARLK	413246N	65X1750	GARLK	417073 <sup>29</sup>	65X1945	GARLK	415458 <sup>28</sup>	65X2050	GARLK	416706 <sup>28</sup>
65X1655	GARLK	413246	65X1751	GARLK	417073 <sup>29</sup>	65X1945	GARLK	455003	65X2050	GARLK	455272
65X1655	GARLK	413246N	65X1752	GARLK	417073	65X1946	GARLK	415458 <sup>28</sup>	65X2051	GARLK	416706 <sup>28</sup>
65X1656	GARLK	413246	65X18	GARLK	471103 <sup>28</sup>	65X1946	GARLK	455003	65X2051	GARLK	455272
65X1656	GARLK	413246N	65X18	GARLK	50197S	65X1947	GARLK	415458 <sup>28</sup>	65X2052	GARLK	416706 <sup>28</sup>
65X1657	GARLK	412119 <sup>28</sup>	65X1801	GARLK	472029 <sup>29</sup>	65X1947	GARLK	455003	65X2052	GARLK	455272
65X1657	GARLK	450101	65X1802	GARLK	472029 <sup>29</sup>	65X1948	GARLK	417343 <sup>28,29</sup>	65X2115	GARLK	415303 <sup>28</sup>
65X1658	GARLK	412119 <sup>28</sup>	65X1803	GARLK	472029 <sup>29</sup>	65X1949	GARLK	417343 <sup>28,29</sup>	65X2117	GARLK	415303 <sup>28</sup>
65X1658	GARLK	450101	65X1807	GARLK	471271 <sup>28</sup>	65X195	GARLK	473414 <sup>29</sup>	65X2118	GARLK	417344 <sup>28</sup>
65X1659	GARLK	412119 <sup>28</sup>	65X1808	GARLK	471271 <sup>28</sup>	65X1950	GARLK	417343 <sup>28</sup>	65X2118	GARLK	455006
65X1659	GARLK	450101	65X1809	GARLK	450519	65X1951	GARLK	415007 <sup>29</sup>	65X2119	GARLK	417344 <sup>28</sup>
65X1660	GARLK	413247 <sup>28</sup>	65X1809	GARLK	471271 <sup>28</sup>	65X1952	GARLK	415007 <sup>29</sup>	65X2119	GARLK	455006
65X1660	GARLK	450350	65X1810	GARLK	410496 <sup>28</sup>	65X1953	GARLK	415007 <sup>29</sup>	65X2120	GARLK	417344 <sup>28</sup>
65X1661	GARLK	413247 <sup>28</sup>	65X1811	GARLK	410496 <sup>28</sup>	65X1954	GARLK	417082 <sup>29</sup>	65X2120	GARLK	455006
65X1661	GARLK	450350	65X1812	GARLK	410496 <sup>28</sup>	65X1955	GARLK	417082 <sup>29</sup>	65X2121	GARLK	417158 <sup>28</sup>
65X1662	GARLK	413247 <sup>28</sup>	65X1813	GARLK	470605 <sup>28,29</sup>	65X1956	GARLK	417082 <sup>29</sup>	65X2121	GARLK	455355

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
65X2122	GARLK	417158 <sup>28</sup>	65X2226	GARLK	416011	65X2365	GARLK	455471 <sup>29</sup>	65X252	GARLK	471571 <sup>29</sup>
65X2122	GARLK	455355	65X2226	GARLK	417621 <sup>28</sup>	65X2366	GARLK	415991	65X2521	GARLK	415304
65X2123	GARLK	417158 <sup>28</sup>	65X2228	GARLK	416288 <sup>28</sup>	65X2366	GARLK	455146 <sup>28</sup>	65X2521	GARLK	476470 <sup>28</sup>
65X2123	GARLK	455355	65X223	GARLK	471137 <sup>29</sup>	65X2367	GARLK	415991	65X2525	GARLK	455191 <sup>29</sup>
65X2124	GARLK	416921 <sup>28</sup>	65X2231	GARLK	417171 <sup>28</sup>	65X2367	GARLK	455146 <sup>28</sup>	65X2527	GARLK	455191 <sup>29</sup>
65X2124	GARLK	455011	65X2234	GARLK	417172 <sup>29</sup>	65X2368	GARLK	415991	65X2528	GARLK	415263
65X2125	GARLK	416921 <sup>28</sup>	65X2236	GARLK	417172 <sup>29</sup>	65X2368	GARLK	455146 <sup>28</sup>	65X2531	GARLK	417506 <sup>29</sup>
65X2125	GARLK	455011	65X2237	GARLK	416297 <sup>29</sup>	65X2369	GARLK	417196 <sup>28,29</sup>	65X2537	GARLK	415035
65X2126	GARLK	416921 <sup>28</sup>	65X224	GARLK	471137	65X2371	GARLK	417196 <sup>28</sup>	65X2537	GARLK	415953
65X2126	GARLK	455011	65X2246	GARLK	415021	65X2372	GARLK	415437	65X2539	GARLK	415035
65X213	GARLK	471267 <sup>28</sup>	65X2249	GARLK	456105 <sup>29</sup>	65X2374	GARLK	415437 <sup>28</sup>	65X2539	GARLK	415953
65X214	GARLK	471267 <sup>28</sup>	65X225	GARLK	471730 <sup>29</sup>	65X2374	GARLK	455173	65X2540	GARLK	417356 <sup>28</sup>
65X2146	GARLK	416956 <sup>29</sup>	65X2252	GARLK	417490 <sup>29</sup>	65X2375	GARLK	415437 <sup>28</sup>	65X2540	GARLK	455188
65X2147	GARLK	416956 <sup>29</sup>	65X2254	GARLK	417490	65X2375	GARLK	455173	65X2541	GARLK	417356 <sup>28</sup>
65X2148	GARLK	416956	65X2255	GARLK	455336 <sup>29</sup>	65X2378	GARLK	415027	65X2541	GARLK	455188
65X2149	GARLK	417159 <sup>29</sup>	65X2257	GARLK	455336 <sup>29</sup>	65X2380	GARLK	415027	65X2543	GARLK	417357
65X215	GARLK	471570 <sup>28</sup>	65X226	GARLK	471730	65X2381	GARLK	417495 <sup>29</sup>	65X2543	GARLK	455192 <sup>28</sup>
65X2150	GARLK	417159 <sup>29</sup>	65X2260	GARLK	6358	65X2384	GARLK	415559 <sup>29</sup>	65X2544	GARLK	417357
65X2151	GARLK	417159 <sup>29</sup>	65X2261	GARLK	417490	65X2386	GARLK	415559	65X2544	GARLK	455192 <sup>28</sup>
65X2152	GARLK	416654 <sup>28</sup>	65X2267	GARLK	455022 <sup>29</sup>	65X2390	GARLK	417496 <sup>29</sup>	65X2546	GARLK	416130 <sup>28</sup>
65X2152	GARLK	455012	65X2270	GARLK	476470	65X2392	GARLK	417496 <sup>29</sup>	65X2549	GARLK	415036 <sup>29</sup>
65X2153	GARLK	416654 <sup>28</sup>	65X2271	GARLK	476470	65X2393	GARLK	415711 <sup>29</sup>	65X255	GARLK	471647 <sup>29</sup>
65X2153	GARLK	455012	65X2272	GARLK	455018	65X2396	GARLK	417497 <sup>29</sup>	65X2550	GARLK	415036
65X2154	GARLK	416654 <sup>28</sup>	65X2272	GARLK	476470	65X2399	GARLK	417498 <sup>29</sup>	65X2552	GARLK	417507 <sup>28</sup>
65X2154	GARLK	455012	65X2273	GARLK	417181 <sup>28</sup>	65X2402	GARLK	55028 <sup>29</sup>	65X2552	GARLK	455513
65X2155	GARLK	417486 <sup>29</sup>	65X2276	GARLK	418028	65X2417	GARLK	416047	65X2555	GARLK	415041 <sup>29</sup>
65X2156	GARLK	417486 <sup>29</sup>	65X2276	GARLK	455137 <sup>28</sup>	65X2417	GARLK	416332 <sup>28</sup>	65X2556	GARLK	415041
65X216	GARLK	471570 <sup>28,29</sup>	65X2278	GARLK	418028	65X2419	GARLK	416047	65X256	GARLK	471647 <sup>29</sup>
65X2168	GARLK	415281N	65X2278	GARLK	455137 <sup>28</sup>	65X2419	GARLK	416332 <sup>28</sup>	65X2561	GARLK	417509 <sup>29</sup>
65X2169	GARLK	415281N	65X2279	GARLK	417353 <sup>28</sup>	65X2420	GARLK	415937 <sup>28</sup>	65X2567	GARLK	417223 <sup>29</sup>
65X217	GARLK	471633 <sup>28</sup>	65X2282	GARLK	456305	65X2423	GARLK	417355 <sup>28</sup>	65X2568	GARLK	417223
65X2170	GARLK	415281N	65X2284	GARLK	456305	65X2426	GARLK	416125 <sup>28</sup>	65X2569	GARLK	417223 <sup>29</sup>
65X2171	GARLK	417350 <sup>28</sup>	65X2288	GARLK	415023	65X2432	GARLK	417499	65X2579	GARLK	455037 <sup>29</sup>
65X2171	GARLK	455479	65X229	GARLK	470645 <sup>29</sup>	65X2435	GARLK	415832	65X2600	GARLK	417511 <sup>29</sup>
65X2172	GARLK	417350 <sup>28</sup>	65X2294	GARLK	455328 <sup>29</sup>	65X2441	GARLK	417501 <sup>29</sup>	65X2603	GARLK	415142 <sup>29</sup>
65X2172	GARLK	455479	65X230	GARLK	470645	65X2447	GARLK	55030 <sup>29</sup>	65X2605	GARLK	415142 <sup>29</sup>
65X2173	GARLK	417350 <sup>28</sup>	65X2300	GARLK	415085 <sup>28</sup>	65X2453	GARLK	416670 <sup>29</sup>	65X2609	GARLK	417512 <sup>29</sup>
65X2173	GARLK	455479	65X2300	GARLK	456648	65X2459	GARLK	417502 <sup>29</sup>	65X2610	GARLK	417512
65X2174	GARLK	415995 <sup>28</sup>	65X2312	GARLK	455024	65X2462	GARLK	415379 <sup>28</sup>	65X2615	GARLK	415043 <sup>29</sup>
65X2174	GARLK	455013	65X2321	GARLK	412473 <sup>28</sup>	65X2462	GARLK	455379	65X2621	GARLK	455203 <sup>29</sup>
65X2175	GARLK	415995 <sup>28</sup>	65X2321	GARLK	415894	65X2464	GARLK	415379 <sup>28</sup>	65X2627	GARLK	455056 <sup>29</sup>
65X2175	GARLK	455013	65X2323	GARLK	412473 <sup>28</sup>	65X2464	GARLK	455379	65X2630	GARLK	455194 <sup>29</sup>
65X2176	GARLK	415995 <sup>28</sup>	65X2323	GARLK	415894	65X2465	GARLK	417205 <sup>28</sup>	65X2636	GARLK	417513 <sup>29</sup>
65X2176	GARLK	455013	65X2324	GARLK	417191	65X2468	GARLK	416339	65X2642	GARLK	417514 <sup>29</sup>
65X2177	GARLK	417351 <sup>28</sup>	65X2324	GARLK	455165 <sup>28</sup>	65X2470	GARLK	416339 <sup>29</sup>	65X2648	GARLK	417515 <sup>29</sup>
65X2177	GARLK	455154	65X2325	GARLK	417191	65X2474	GARLK	415150 <sup>28</sup>	65X2654	GARLK	417516 <sup>29</sup>
65X2178	GARLK	417351 <sup>28</sup>	65X2325	GARLK	455165 <sup>28</sup>	65X2476	GARLK	415150 <sup>28</sup>	65X2657	GARLK	455195
65X2178	GARLK	455154	65X2326	GARLK	417191	65X2477	GARLK	416127	65X2657	GARLK	472157 <sup>28</sup>
65X218	GARLK	471633 <sup>28</sup>	65X2326	GARLK	455165 <sup>28</sup>	65X2480	GARLK	417503 <sup>29</sup>	65X2659	GARLK	416556 <sup>28</sup>
65X2180	GARLK	415086N	65X2327	GARLK	417354 <sup>28,29</sup>	65X2501	GARLK	417211 <sup>28</sup>	65X2659	GARLK	472157
65X2180	GARLK	417487 <sup>28</sup>	65X2329	GARLK	417354 <sup>28</sup>	65X2504	GARLK	416345 <sup>28</sup>	65X2660	GARLK	415196 <sup>28</sup>
65X2182	GARLK	417487	65X2330	GARLK	416321	65X2507	GARLK	415697 <sup>28</sup>	65X2663	GARLK	416891 <sup>28</sup>
65X2182	GARLK	455014	65X2336	GARLK	415025 <sup>29</sup>	65X2507	GARLK	455547	65X2664	GARLK	416891 <sup>28</sup>
65X2183	GARLK	417488 <sup>28</sup>	65X2342	GARLK	416327	65X251	GARLK	471571	65X2666	GARLK	416135 <sup>28</sup>
65X219	GARLK	471646 <sup>28</sup>	65X2345	GARLK	55419	65X2510	GARLK	417366 <sup>28</sup>	65X2669	GARLK	415045 <sup>28</sup>
65X220	GARLK	471646 <sup>28</sup>	65X2348	GARLK	417493 <sup>29</sup>	65X2513	GARLK	415958 <sup>28</sup>	65X2671	GARLK	415045 <sup>28</sup>
65X221	GARLK	470590 <sup>29</sup>	65X2354	GARLK	417494 <sup>29</sup>	65X2513	GARLK	455958	65X2675	GARLK	416137 <sup>29</sup>
65X222	GARLK	470590	65X2356	GARLK	417494	65X2516	GARLK	417505	65X2678	GARLK	417518 <sup>29</sup>
65X2225	GARLK	416011	65X2357	GARLK	455026 <sup>29</sup>	65X2519	GARLK	415304	65X2681	GARLK	415058 <sup>29</sup>
65X2225	GARLK	417621 <sup>28</sup>	65X2363	GARLK	455471 <sup>29</sup>	65X2519	GARLK	476470 <sup>28</sup>	65X2684	GARLK	456141

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
65X2687	GARLK	455197N <sup>29</sup>	65X2922	GARLK	455070	65X3402	GARLK	417562 <sup>29</sup>	65X3872	GARLK	472674
65X2699	GARLK	416144	65X2923	GARLK	416865 <sup>28</sup>	65X3405	GARLK	417562 <sup>29</sup>	65X3873	GARLK	471747 <sup>28</sup>
65X2705	GARLK	417238	65X2924	GARLK	417278	65X3421	GARLK	417563 <sup>29</sup>	65X3873	GARLK	472674
65X2711	GARLK	415196 <sup>28,29</sup>	65X2926	GARLK	417278	65X3423	GARLK	417563	65X3876	GARLK	473425
65X2712	GARLK	415196 <sup>28</sup>	65X2927	GARLK	417541	65X3424	GARLK	417563	65X388	GARLK	471765 <sup>28</sup>
65X2717	GARLK	415047 <sup>29</sup>	65X2929	GARLK	417541	65X3426	GARLK	415294 <sup>28</sup>	65X3880	GARLK	471344 <sup>29</sup>
65X2723	GARLK	416149 <sup>29</sup>	65X2933	GARLK	417542 <sup>29</sup>	65X3426	GARLK	455294	65X3883	GARLK	473442 <sup>28,29</sup>
65X2729	GARLK	415060 <sup>29</sup>	65X2936	GARLK	417543 <sup>29</sup>	65X3434	GARLK	416229 <sup>29</sup>	65X3885	GARLK	470088 <sup>29</sup>
65X2738	GARLK	417525 <sup>29</sup>	65X2951	GARLK	417545 <sup>29</sup>	65X3435	GARLK	416229	65X389	GARLK	471354 <sup>28,29</sup>
65X2740	GARLK	417525 <sup>29</sup>	65X2993	GARLK	417258 <sup>29</sup>	65X3444	GARLK	417298 <sup>29</sup>	65X390	GARLK	471354 <sup>28</sup>
65X2744	GARLK	417526 <sup>29</sup>	65X2996	GARLK	417546 <sup>28,29</sup>	65X3445	GARLK	417298	65X3904	GARLK	472234 <sup>29</sup>
65X2750	GARLK	415351 <sup>28</sup>	65X2998	GARLK	417546 <sup>28</sup>	65X3460	GARLK	415327 <sup>29</sup>	65X3905	GARLK	472234 <sup>29</sup>
65X2753	GARLK	416888 <sup>28</sup>	65X2999	GARLK	417547 <sup>29</sup>	65X3464	GARLK	417596 <sup>29</sup>	65X3906	GARLK	472234
65X2754	GARLK	416888 <sup>28</sup>	65X3001	GARLK	417547	65X3474	GARLK	455948	65X394	GARLK	473205
65X2754	GARLK	455200	65X3032	GARLK	417548 <sup>29</sup>	65X3482	GARLK	455584 <sup>29</sup>	65X395	GARLK	473205
65X2755	GARLK	416888 <sup>28</sup>	65X3059	GARLK	417262 <sup>28</sup>	65X3483	GARLK	455584	65X396	GARLK	473205
65X2755	GARLK	455200	65X3065	GARLK	415645 <sup>28</sup>	65X3492	GARLK	416364 <sup>28</sup>	65X397	GARLK	474255
65X2756	GARLK	416153 <sup>28</sup>	65X3065	GARLK	455104	65X3496	GARLK	417597 <sup>29</sup>	65X398	GARLK	474255
65X2759	GARLK	416892 <sup>28</sup>	65X3067	GARLK	415645 <sup>28</sup>	65X35	GARLK	472810 <sup>28</sup>	65X399	GARLK	474255
65X2760	GARLK	416892 <sup>28</sup>	65X3067	GARLK	455104	65X3501	GARLK	416239 <sup>28</sup>	65X424	GARLK	471750 <sup>28</sup>
65X2761	GARLK	416892 <sup>28</sup>	65X3071	GARLK	417549 <sup>28,29</sup>	65X3504	GARLK	417564 <sup>29</sup>	65X425	GARLK	471750 <sup>28</sup>
65X2762	GARLK	417531 <sup>29</sup>	65X3122	GARLK	417551 <sup>29</sup>	65X351	GARLK	471652	65X426	GARLK	471750 <sup>28</sup>
65X2765	GARLK	416154 <sup>28,29</sup>	65X3125	GARLK	455576 <sup>28</sup>	65X3518	GARLK	416044	65X427	GARLK	471766 <sup>28</sup>
65X2766	GARLK	416154 <sup>28,29</sup>	65X3128	GARLK	415938 <sup>29</sup>	65X352	GARLK	471652	65X428	GARLK	470163
65X2767	GARLK	416154 <sup>28</sup>	65X3130	GARLK	415938	65X3526	GARLK	415116 <sup>29</sup>	65X428	GARLK	471766 <sup>28</sup>
65X2768	GARLK	416070 <sup>29</sup>	65X3131	GARLK	417554 <sup>28,29</sup>	65X3527	GARLK	415116	65X43	GARLK	320457
65X2771	GARLK	415351 <sup>28</sup>	65X3176	GARLK	417254 <sup>29</sup>	65X353	GARLK	470189	65X430	GARLK	471787 <sup>28</sup>
65X2774	GARLK	417532 <sup>29</sup>	65X3179	GARLK	417360	65X353	GARLK	471692 <sup>28</sup>	65X431	GARLK	471787 <sup>28</sup>
65X2780	GARLK	417533 <sup>29</sup>	65X3182	GARLK	416107 <sup>28</sup>	65X354	GARLK	470189	65X433	GARLK	450177 <sup>29</sup>
65X2786	GARLK	417534 <sup>29</sup>	65X3184	GARLK	416107 <sup>28</sup>	65X354	GARLK	471692 <sup>28</sup>	65X434	GARLK	450177 <sup>29</sup>
65X2792	GARLK	457585 <sup>29</sup>	65X3184	GARLK	455073	65X355	GARLK	470045	65X435	GARLK	450177 <sup>29</sup>
65X2801	GARLK	415371	65X3185	GARLK	417361	65X355	GARLK	476838 <sup>28</sup>	65X436	GARLK	471795
65X2804	GARLK	455685 <sup>29</sup>	65X323	GARLK	471651	65X356	GARLK	470045	65X437	GARLK	471795
65X2807	GARLK	416158 <sup>29</sup>	65X324	GARLK	471651 <sup>29</sup>	65X356	GARLK	476838 <sup>28</sup>	65X438	GARLK	471795
65X2809	GARLK	416158	65X325	GARLK	471705 <sup>28</sup>	65X357	GARLK	470712 <sup>28</sup>	65X439	GARLK	471801 <sup>28</sup>
65X2813	GARLK	415064 <sup>29</sup>	65X326	GARLK	471705 <sup>28</sup>	65X358	GARLK	470712 <sup>28</sup>	65X44	GARLK	320457
65X2837	GARLK	415138 <sup>28</sup>	65X327	GARLK	450043	65X359	GARLK	471763 <sup>29</sup>	65X440	GARLK	471801 <sup>28</sup>
65X2838	GARLK	415138 <sup>28</sup>	65X327	GARLK	473419	65X36	GARLK	472810 <sup>28</sup>	65X441	GARLK	471801 <sup>28</sup>
65X2839	GARLK	415138 <sup>28</sup>	65X3275	GARLK	417362 <sup>28,29</sup>	65X360	GARLK	471763	65X442	GARLK	471808 <sup>28,29</sup>
65X2840	GARLK	417538 <sup>29</sup>	65X3278	GARLK	417363	65X361	GARLK	471785 <sup>28</sup>	65X443	GARLK	471808 <sup>28,29</sup>
65X2843	GARLK	417247 <sup>28</sup>	65X328	GARLK	450043	65X362	GARLK	471785 <sup>28</sup>	65X444	GARLK	471808 <sup>28</sup>
65X2845	GARLK	417247 <sup>28</sup>	65X328	GARLK	473419	65X363	GARLK	471736	65X445	GARLK	471818 <sup>29</sup>
65X2846	GARLK	417252 <sup>29</sup>	65X3281	GARLK	416666 <sup>29</sup>	65X364	GARLK	471736	65X446	GARLK	471818 <sup>29</sup>
65X2849	GARLK	415066 <sup>29</sup>	65X3283	GARLK	416666	65X365	GARLK	473428 <sup>29</sup>	65X447	GARLK	471818 <sup>29</sup>
65X2873	GARLK	416167 <sup>28</sup>	65X3284	GARLK	417364	65X366	GARLK	473428	65X448	GARLK	470050 <sup>29</sup>
65X2873	GARLK	455091	65X329	GARLK	471735 <sup>29</sup>	65X367	GARLK	450161	65X449	GARLK	470050
65X2875	GARLK	416167 <sup>28</sup>	65X3293	GARLK	416039	65X367	GARLK	471764 <sup>28</sup>	65X45	GARLK	470004 <sup>28</sup>
65X2875	GARLK	455091	65X330	GARLK	471735	65X368	GARLK	450161	65X450	GARLK	470050 <sup>29</sup>
65X2876	GARLK	417267 <sup>29</sup>	65X331	GARLK	450342	65X368	GARLK	471764 <sup>28</sup>	65X451	GARLK	473424 <sup>28</sup>
65X2879	GARLK	417269 <sup>28</sup>	65X332	GARLK	450342	65X369	GARLK	473427 <sup>29</sup>	65X452	GARLK	473424 <sup>28</sup>
65X2881	GARLK	417269 <sup>28</sup>	65X333	GARLK	471762 <sup>28</sup>	65X370	GARLK	473427	65X4584	GARLK	472658
65X2894	GARLK	417539 <sup>28,29</sup>	65X334	GARLK	471762 <sup>28</sup>	65X374	GARLK	450362 <sup>29</sup>	65X4584	GARLK	473197
65X2900	GARLK	417273 <sup>29</sup>	65X3347	GARLK	417780 <sup>29</sup>	65X376	GARLK	450362 <sup>29</sup>	65X46	GARLK	470004 <sup>28</sup>
65X2901	GARLK	417273	65X335	GARLK	473420 <sup>29</sup>	65X383	GARLK	472475 <sup>29</sup>	65X4677	GARLK	472560N <sup>28</sup>
65X2903	GARLK	417540 <sup>29</sup>	65X336	GARLK	473420	65X384	GARLK	472475	65X4677	GARLK	50151S
65X2915	GARLK	415725 <sup>28</sup>	65X3375	GARLK	455330 <sup>28</sup>	65X385	GARLK	473426	65X49	GARLK	471442 <sup>28</sup>
65X2917	GARLK	415725 <sup>28</sup>	65X3377	GARLK	455330 <sup>28</sup>	65X386	GARLK	473426	65X50	GARLK	471442 <sup>28</sup>
65X2918	GARLK	417584 <sup>29</sup>	65X3384	GARLK	415074	65X3863	GARLK	350435	65X51	GARLK	471526 <sup>28</sup>
65X2921	GARLK	416865 <sup>28</sup>	65X3394	GARLK	455480 <sup>28</sup>	65X387	GARLK	471765 <sup>28</sup>	65X53	GARLK	471472 <sup>28</sup>
65X2922	GARLK	416865 <sup>28</sup>	65X3396	GARLK	455480 <sup>28</sup>	65X3872	GARLK	471747 <sup>28</sup>	65X535	GARLK	470403

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
65X535	GARLK	470774 <sup>28</sup>	65X644	GARLK	470625 <sup>28</sup>	65X732	GARLK	451817	65X80X8TC	TRSCM	65X80X8
65X536	GARLK	470403	65X645	GARLK	470548	65X733	GARLK	450065 <sup>29</sup>	65X81	GARLK	471558
65X536	GARLK	470774 <sup>28</sup>	65X645	GARLK	470625 <sup>28</sup>	65X734	GARLK	450065 <sup>29</sup>	65X82	GARLK	471558 <sup>29</sup>
65X537	GARLK	470403	65X646	GARLK	470059	65X735	GARLK	450065 <sup>29</sup>	65X829	GARLK	473445
65X537	GARLK	470774 <sup>28</sup>	65X646	GARLK	470380 <sup>28</sup>	65X739	GARLK	482253 <sup>29</sup>	65X830	GARLK	473445
65X538	GARLK	472287 <sup>28,29</sup>	65X647	GARLK	470059	65X740	GARLK	482253 <sup>29</sup>	65X831	GARLK	473445
65X539	GARLK	472287 <sup>28,29</sup>	65X647	GARLK	470380 <sup>28</sup>	65X741	GARLK	482253	65X835	GARLK	450154
65X54	GARLK	471472 <sup>28</sup>	65X648	GARLK	470059	65X742	GARLK	451469 <sup>29</sup>	65X835	GARLK	473234
65X540	GARLK	472287 <sup>28,29</sup>	65X648	GARLK	470380 <sup>28</sup>	65X743	GARLK	451469 <sup>29</sup>	65X836	GARLK	450154
65X541	GARLK	471192	65X649	GARLK	471820 <sup>29</sup>	65X744	GARLK	451469	65X836	GARLK	473234
65X542	GARLK	471192	65X650	GARLK	471820 <sup>29</sup>	65X751	GARLK	450274	65X837	GARLK	450154
65X543	GARLK	471192	65X651	GARLK	471820 <sup>29</sup>	65X753	GARLK	450274	65X837	GARLK	473234
65X544	GARLK	470169	65X655	GARLK	473228	65X760	GARLK	470358	65X838	GARLK	473235 <sup>28</sup>
65X544	GARLK	473214	65X655	GARLK	51098	65X760	GARLK	473231	65X839	GARLK	473235 <sup>28</sup>
65X545	GARLK	470169	65X656	GARLK	473228	65X761	GARLK	470358	65X840	GARLK	473235 <sup>28</sup>
65X545	GARLK	473214	65X656	GARLK	51098	65X761	GARLK	473231	65X841	GARLK	470074
65X546	GARLK	470169	65X657	GARLK	450067	65X762	GARLK	470358	65X841	GARLK	474265
65X546	GARLK	473214	65X657	GARLK	473228	65X762	GARLK	473231	65X842	GARLK	470074
65X547	GARLK	473215 <sup>28,29</sup>	65X658	GARLK	451857 <sup>29</sup>	65X763	GARLK	450066	65X842	GARLK	474265
65X548	GARLK	473215 <sup>28,29</sup>	65X659	GARLK	451857 <sup>29</sup>	65X763	GARLK	473367 <sup>28</sup>	65X843	GARLK	470074
65X549	GARLK	473215 <sup>28</sup>	65X660	GARLK	451857	65X764	GARLK	450066	65X843	GARLK	474265
65X55	GARLK	471549 <sup>28</sup>	65X661	GARLK	470487N	65X764	GARLK	473367 <sup>28</sup>	65X844	GARLK	473236 <sup>28,29</sup>
65X550	GARLK	470950 <sup>28</sup>	65X663	GARLK	470487N	65X765	GARLK	450066	65X845	GARLK	473236 <sup>28,29</sup>
65X550	GARLK	6241S	65X664	GARLK	473440 <sup>28,29</sup>	65X765	GARLK	473367 <sup>28</sup>	65X846	GARLK	473236 <sup>28</sup>
65X551	GARLK	470950 <sup>28</sup>	65X665	GARLK	473440 <sup>28,29</sup>	65X769	GARLK	450194	65X853	GARLK	473446
65X551	GARLK	6241S	65X666	GARLK	473440 <sup>28</sup>	65X769	GARLK	473010	65X854	GARLK	473446
65X552	GARLK	470950 <sup>28</sup>	65X67	GARLK	471281 <sup>28</sup>	65X77	GARLK	471532 <sup>29</sup>	65X855	GARLK	473446 <sup>29</sup>
65X552	GARLK	6241S	65X68	GARLK	471281 <sup>28</sup>	65X770	GARLK	450194	65X859	GARLK	471981
65X556	GARLK	450444	65X69	GARLK	471535 <sup>28</sup>	65X770	GARLK	473010	65X85X10	TIMKE	65X85X10
65X556	GARLK	471835 <sup>28</sup>	65X70	GARLK	471535 <sup>28</sup>	65X771	GARLK	450194	65X85X10SC	TRSCM	65X85X10
65X557	GARLK	450444	65X700	GARLK	472213	65X771	GARLK	473010	65X85X10TC	TRSCM	65X85X10
65X557	GARLK	471835 <sup>28</sup>	65X701	GARLK	472213	65X772	GARLK	450069	65X860	GARLK	471981
65X558	GARLK	450444	65X702	GARLK	472213	65X772	GARLK	473232	65X861	GARLK	471981
65X558	GARLK	471835 <sup>28</sup>	65X703	GARLK	472299 <sup>29</sup>	65X773	GARLK	450069	65X87	GARLK	471466 <sup>28</sup>
65X559	GARLK	472843 <sup>29</sup>	65X704	GARLK	472299 <sup>29</sup>	65X773	GARLK	473232	65X88	GARLK	471466 <sup>28</sup>
65X56	GARLK	471549 <sup>28</sup>	65X705	GARLK	472299	65X774	GARLK	450069	65X88X10SC	TRSCM	65X88X10
65X560	GARLK	472843 <sup>29</sup>	65X706	GARLK	470064	65X774	GARLK	473232	65X88X10TC	TRSCM	65X88X10
65X561	GARLK	472843	65X706	GARLK	471821 <sup>28</sup>	65X775	GARLK	481864	65X898	GARLK	470351
65X592	GARLK	473224 <sup>28,29</sup>	65X707	GARLK	470064	65X776	GARLK	481864	65X898	GARLK	471504 <sup>28</sup>
65X593	GARLK	473224 <sup>28</sup>	65X707	GARLK	471821 <sup>28</sup>	65X777	GARLK	481864	65X899	GARLK	470351
65X594	GARLK	473224 <sup>28,29</sup>	65X708	GARLK	471821 <sup>28</sup>	65X778	GARLK	474274	65X899	GARLK	471504 <sup>28</sup>
65X595	GARLK	473016 <sup>28,29</sup>	65X71	GARLK	471551 <sup>28</sup>	65X779	GARLK	474274	65X900	GARLK	470351
65X596	GARLK	473016 <sup>28,29</sup>	65X712	GARLK	450185	65X78	GARLK	471532	65X900	GARLK	471504 <sup>28</sup>
65X597	GARLK	473016 <sup>28</sup>	65X712	GARLK	473229	65X780	GARLK	474274	65X904	GARLK	450494
65X598	GARLK	473225 <sup>28,29</sup>	65X713	GARLK	450185	65X781	GARLK	450275	65X904	GARLK	472164 <sup>28</sup>
65X599	GARLK	473225 <sup>28,29</sup>	65X713	GARLK	473229	65X782	GARLK	450275	65X905	GARLK	451147H
65X600	GARLK	473225 <sup>28</sup>	65X714	GARLK	450185	65X783	GARLK	450275	65X906	GARLK	450352
65X601	GARLK	470062	65X714	GARLK	473229	65X787	GARLK	450078	65X906	GARLK	472164 <sup>28</sup>
65X601	GARLK	474264	65X715	GARLK	470682 <sup>29</sup>	65X787	GARLK	473444	65X907	GARLK	450070
65X602	GARLK	470062	65X716	GARLK	470682 <sup>29</sup>	65X788	GARLK	450078	65X907	GARLK	472185 <sup>28</sup>
65X602	GARLK	474264	65X717	GARLK	470682	65X788	GARLK	473444	65X908	GARLK	450070
65X603	GARLK	470062	65X718	GARLK	471316	65X789	GARLK	450078	65X908	GARLK	472185 <sup>28</sup>
65X603	GARLK	474264	65X72	GARLK	471551 <sup>28</sup>	65X789	GARLK	473444	65X909	GARLK	450070
65X607	GARLK	473226 <sup>29</sup>	65X720	GARLK	471316	65X79	GARLK	473405 <sup>29</sup>	65X909	GARLK	472185 <sup>28</sup>
65X608	GARLK	473226 <sup>29</sup>	65X721	GARLK	473441 <sup>29</sup>	65X7953	GARLK	415577 <sup>29</sup>	65X90X10	TIMKE	65X90X10
65X609	GARLK	473226	65X722	GARLK	473441 <sup>29</sup>	65X80	GARLK	473405	65X90X10SC	TRSCM	65X90X10
65X628	GARLK	473419 <sup>28</sup>	65X723	GARLK	473441	65X80X8	FORSH	65X80X8	28		
65X643	GARLK	470548	65X724	GARLK	450273	65X80X8	SIMRT	65X80X8	65X90X10TC	TRSCM	65X90X10
65X643	GARLK	470625 <sup>28</sup>	65X725	GARLK	450273	65X80X8	TIMKE	65X80X8	28		
65X644	GARLK	470548	65X726	GARLK	450273	65X80X8SC	TRSCM	65X80X8	65X91	GARLK	471255 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
65X910	GARLK	470334 <sup>28</sup>	65X982	GARLK	450118	661350R91	IH	450441	663325	US-EL	472341 <sup>28</sup>
65X911	GARLK	470334 <sup>28</sup>	65X982	GARLK	473449	661350R91	IH	471341 <sup>28</sup>	663379	VIC	370006A
65X912	GARLK	450076	65X983	GARLK	450118	66140	VIC	471643 <sup>28</sup>	663379	WHITE	370006A
65X912	GARLK	470334 <sup>28</sup>	65X983	GARLK	473449	661504	CLARK	416011	663379D6	DIA	370006A
65X913	GARLK	450183	65X984	GARLK	450118	661504	CLARK	417621 <sup>28</sup>	6633R	JN-MN	417603 <sup>28</sup>
65X913	GARLK	472179	65X984	GARLK	473449	661875R91	IH	204002	663476	GMC	370012A
65X914	GARLK	450183	65X987	GARLK	480281 <sup>28</sup>	661876R91	IH	204002	663477	GMC	370018A
65X914	GARLK	472179	65X988	GARLK	450269 <sup>29</sup>	66193	VIC	471267 <sup>28</sup>	663478	GMC	370005A
65X915	GARLK	450183	65X989	GARLK	450269 <sup>29</sup>	66196	VIC	471570 <sup>28</sup>	663480	GMC	370021A
65X915	GARLK	472179	65X990	GARLK	450269 <sup>29</sup>	662	C-R	5MR1008	663482	GMC	370007A
65X916	GARLK	473447	65X991	GARLK	473450	662	SKF	5MR1008	663484	GMC	370010A
65X917	GARLK	473447 <sup>29</sup>	65X992	GARLK	473450	6620	ALOY	1209	663485	GMC	370005A
65X918	GARLK	473447	65X993	GARLK	473450	6620	C-R	17X30X7 <sup>28</sup>	663486	GMC	370021A
65X919	GARLK	470334 <sup>28</sup>	660	GARLK	451857	6620	C-R	221720	663487	GMC	370024A
65X919	GARLK	50289	6600097	EATON	415327	6620	SKF	17X30X7	663512	B-L-H	415938
65X92	GARLK	471255 <sup>28</sup>	660009700	EATON	415327	6620	SKF	221720	663512	MINMA	415938
65X920	GARLK	470334 <sup>28</sup>	6600140	EATON	415551	662027	CLARK	412871 <sup>28</sup>	663512A	BUC-E	415938
65X920	GARLK	50289	660014000	EATON	415551	662027	CLARK	450329	663566R91	IH	473215 <sup>28</sup>
65X921	GARLK	470334 <sup>28</sup>	6600282	EATON	8907	66203	TROS	9049N	663567R91	IH	415379 <sup>28</sup>
65X921	GARLK	50289	660028200	EATON	8907	662066R91	IH	415303 <sup>28</sup>	663567R91	IH	455379
65X922	GARLK	450291	6600580	EATON	415035	6622	ALOY	8871	663568R91	IH	415379 <sup>28</sup>
65X922	GARLK	471141 <sup>28</sup>	6600692	EATON	416362	6622	C-R	221720	663568R91	IH	455379
65X923	GARLK	450291	6600692-00	EATON	416362	6622	C-R	481481	6635S	TIMKE	6635S
65X923	GARLK	471141 <sup>28</sup>	6601000	LF-PT	471688	6622	SKF	221720	6635SS	JN-MN	470712 <sup>28</sup>
65X924	GARLK	450291	6602556	EATON	417283	6622	SKF	481481	663603	CHRYS	450084 <sup>28</sup>
65X924	GARLK	471141 <sup>28</sup>	660389	CLARK	472179	66220	TROS	9161	6636S	TIMKE	6636S
65X925	GARLK	473448	660469R91	IH	472439	6624	C-R	17X30X7 <sup>28</sup>	663729R91	IH	204017
65X926	GARLK	473448	660496	CLARK	40652S	6624	C-R	221720	66381D	IH	470027
65X927	GARLK	473448	6605	ALOY	2689S	6624	SKF	17X30X7	66381D	IH	471554 <sup>28</sup>
65X928	GARLK	471984 <sup>29</sup>	66051	VIC	471442 <sup>28</sup>	6624	SKF	221720	663885R91	IH	450117
65X929	GARLK	471984 <sup>29</sup>	66054	CATER	8650S	66241	C-R	417298	663885R91	IH	472572 <sup>28</sup>
65X93	GARLK	471564	660544	STUDE	470358	66241	SKF	417298	663886R91	IH	470169
65X930	GARLK	471984	660544	STUDE	473231	66242	VIC	350414	663886R91	IH	473214
65X931	GARLK	473313	6606	ALOY	8871	66242	VIC	472311 <sup>28</sup>	6638S	NATL	370001A
65X932	GARLK	473313	6609	C-R	17X27X7	66245	VIC	471224 <sup>28</sup>	6638S	TIMKE	6638S
65X933	GARLK	473313	6609	SKF	17X27X7	66247	VIC	471649 <sup>28</sup>	663N2	WHITE	450291
65X94	GARLK	471564 <sup>29</sup>	6610	C-R	17X28X7 <sup>28</sup>	662535	ALLCH	410520	663N2	WHITE	471141 <sup>28</sup>
65X940	GARLK	50266 <sup>29</sup>	6610	C-R	221710	662535	ALLCH	471272 <sup>28</sup>	6640	C-R	17X35X7 <sup>28</sup>
65X941	GARLK	50266 <sup>29</sup>	6610	SKF	17X28X7	662654	CLARK	417316 <sup>28</sup>	6640	SKF	17X35X7
65X942	GARLK	50266	6610	SKF	221710	6626S	TIMKE	6626S	66402S	TROS	2043
65X943	GARLK	450269 <sup>29</sup>	66101	VIC	471255 <sup>28</sup>	662902	CLARK	415147	664078R91	IH	470169
65X944	GARLK	450269 <sup>29</sup>	661021	HU-WR	450083	662902	CLARK	415449 <sup>28</sup>	664078R91	IH	473214
65X945	GARLK	450269	661021	HU-WR	472924 <sup>28</sup>	6630	C-R	17X32X7 <sup>28</sup>	6641	C-R	220918
65X946	GARLK	450285 <sup>29</sup>	6611	C-R	221710	6630	C-R	221730	6641	SKF	220918
65X947	GARLK	450285 <sup>29</sup>	6611	SKF	221710	6630	SKF	17X32X7	664157R91	IH	415303 <sup>28</sup>
65X948	GARLK	450285	661185R91	IH	472432	6630	SKF	221730	664309R91	IH	204013
65X949	GARLK	471866 <sup>28,29</sup>	661185R91	IH	474256	663004R91	IH	204013	66440C1	IH	471442 <sup>28</sup>
65X95	GARLK	471612	66121	TROS	6815	663041R91	IH	472432	66446	VIC	323138 <sup>28</sup>
65X950	GARLK	471866 <sup>28,29</sup>	66122S	TROS	9150S	663041R91	IH	474256	66462	VIC	471276
65X951	GARLK	471866 <sup>28</sup>	66123	GRAY	450084 <sup>28</sup>	663042R91	IH	450441	664631	SPICE	480210 <sup>28</sup>
65X97	GARLK	481528	66123	TROS	472258 <sup>28</sup>	663042R91	IH	471341 <sup>28</sup>	664657R91	IH	450352
65X9722	GARLK	470548	66123	TROS	480570	663043R91	IH	415697 <sup>28</sup>	664657R91	IH	472164 <sup>28</sup>
65X9722	GARLK	470625 <sup>28</sup>	66124	GRAY	411253 <sup>28</sup>	663043R91	IH	455547	664658R91	IH	450352
65X976	GARLK	472070 <sup>29</sup>	66124	GRAY	450099	663044R91	IH	414045 <sup>28</sup>	664658R91	IH	472164 <sup>28</sup>
65X977	GARLK	472070 <sup>29</sup>	66126	GRAY	471137	663045R91	IH	472439	6647S	NATL	350679
65X978	GARLK	472070	66126	VIC	470954 <sup>28</sup>	66318	VIC	476838 <sup>28</sup>	6647S	NATL	470954 <sup>28</sup>
65X979	GARLK	471866 <sup>28</sup>	66126K4	GE	470954 <sup>28</sup>	6633	C-R	17X32X7 <sup>28</sup>	6649	TIMKE	6649
65X98	GARLK	481528	6612S	TIMKE	6612S	6633	C-R	221730	66500	VIC	1012N
65X980	GARLK	471866 <sup>28</sup>	661309	STUDE	45637S	6633	SKF	17X32X7	66501	VIC	224045
65X981	GARLK	471866 <sup>28</sup>	66135	VIC	471554 <sup>28</sup>	6633	SKF	221730	66502	VIC	1174

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
66504	VIC	1208	66546	VIC	42X72X10	66597RS	VIC	88176	66648	VIC	55X72X8 <sup>28</sup>
66504	VIC	48X72X7 <sup>28</sup>	28			66597RS	VIC	99176 <sup>28</sup>	66649	VIC	55X80X8
66508	VIC	1208	66547	VIC	1974	66598RS	VIC	88233	66650	VIC	226020
66508	VIC	48X72X7 <sup>28</sup>	66548	VIC	32X47X7 <sup>28</sup>	66598RS	VIC	99233 <sup>28</sup>	66650	VIC	60X80X8 <sup>28</sup>
66509	VIC	1209	66548	VIC	3476	66599RS	VIC	99212	66651	VIC	60X85X8
66509	VIC	225010	66549	VIC	1962	6659R	JN-MN	471820	66652	VIC	226520
66509	VIC	50X65X8 <sup>28</sup>	66549F	DIA	410102	6660	C-R	17X40X7	66653	VIC	65X90X10
66510	VIC	1217	6655	C-R	17X38X7	6660	SKF	17X40X7	28		
66512	VIC	223840	6655	SKF	17X38X7	66600RS	VIC	88199	66654	VIC	227040
66512	VIC	38X58X8 <sup>28</sup>	66551	VIC	471192	66601RS	VIC	88186	66654	VIC	70X90X10
66513	VIC	223840	66552	VIC	224820	66602RS	VIC	99162	28		
66513	VIC	38X58X8 <sup>28</sup>	66553	VIC	224820	66604RS	VIC	99149	666552R91	IH	472070
66514	VIC	710345	66553	VIC	48X62X8 <sup>28</sup>	66605RS	VIC	99250	666553R91	IH	471801 <sup>28</sup>
66516	VIC	224015	66554	VIC	472164 <sup>28</sup>	66606RS	VIC	99274	66656	VIC	75X95X10
66517	VIC	224820	66555	VIC	473241	66609	VIC	10X22X7	66657F	DIA	415137 <sup>28</sup>
66517	VIC	48X62X8 <sup>28</sup>	66556	VIC	473234 <sup>28</sup>	66614	VIC	15X26X7	66657F	DIA	418028
66520	TROS	473473	66559	VIC	350823	66615	VIC	15X30X7 <sup>28</sup>	66657J	DIA	475012N
66520	VIC	1950	66559	VIC	472041	66615	VIC	221540	66657M	DIA	417159
66521	VIC	224820	66559	VIC	473454 <sup>28,29</sup>	66616	VIC	15X35X7	66658	VIC	228009
66521	VIC	48X62X8 <sup>28</sup>	665605	STUDE	5MR71	66618	VIC	18X30X7 <sup>28</sup>	66658	VIC	228010 <sup>29</sup>
66522	VIC	224210	66561	VIC	471224 <sup>28</sup>	66618	VIC	221820	66658	VIC	80X100X10
66522	VIC	42X55X8 <sup>28</sup>	6656115	FORD	710798	66619	VIC	18X35X7	28		
66523	VIC	1955	66562	VIC	223510	66620	VIC	20X35X7 <sup>28</sup>	66658J	DIA	476283N
66523	VIC	52X65X9 <sup>28</sup>	66563	VIC	471870 <sup>28</sup>	66620	VIC	222030	66659	VIC	85X110X12
66524	VIC	1960	66564	VIC	350936	66620	VIC	20X40X7 <sup>28</sup>	66660	VIC	85X120X12
66525	VIC	1959	66565	VIC	224045	66621	VIC	222050	66661	VIC	90X120X12
66526	VIC	224820	66566	VIC	482126	66622	VIC	22X35X7 <sup>28</sup>	66662	VIC	95X120X12
66526	VIC	48X62X8 <sup>28</sup>	66568	VIC	40769S	66623	VIC	22X40X7	666626R91	IH	472070
66527	VIC	1956	66569	VIC	473238 <sup>28</sup>	66624	VIC	222540	66663	VIC	100X125X12
66527	VIC	224820 <sup>29</sup>	665691	GMC	370001A	66624	VIC	25X40X7 <sup>28</sup>	66665	VIC	
66527	VIC	48X62X8 <sup>28</sup>	665691	GMC	380001A	66625	VIC	25X47X7	66665	VIC	120X150X12 <sup>28</sup>
66528	VIC	58X72X8	66570	VIC	223535	66626	VIC	25X52X7 <sup>28</sup>	66666	VIC	130X160X12
66529	VIC	1174	66571	VIC	472213	66627	VIC	222820	66667	VIC	
6653	C-R	17X37X7	66572	VIC	1174	66628	VIC	222860	66667	VIC	145X170X12 <sup>28</sup>
6653	SKF	17X37X7	66573	VIC	223535	66628	VIC	28X47X7 <sup>28</sup>	66669	VIC	160X190X15
66530	VIC	1174	66574	VIC	224235	66629	VIC	28X52X7	6666LA	JN-MN	450474 <sup>29</sup>
66532	VIC	1994	66574	VIC	42X58X7 <sup>28</sup>	66630	VIC	30X42X7 <sup>28</sup>	66670	VIC	170X200X15
66532	VIC	48X70X9 <sup>28</sup>	66575	VIC	223014	66631	VIC	30X47X7	66671	VIC	180X210X15
665335R91	IH	470334 <sup>28</sup>	66576	VIC	1981	66633	VIC	32X45X7	66686	VIC	6X16X7
66535	VIC	223830	66579	VIC	1953	66635	VIC	223255	66687	VIC	6X22X7
66535	VIC	38X55X7 <sup>28</sup>	66579	VIC	42X60X7 <sup>28</sup>	66635	VIC	32X52X7 <sup>28</sup>	6668S	TIMKE	6668S
665353R91	IH	470334 <sup>28</sup>	66580	VIC	1990	66636	VIC	223520	666946	STUDE	450365
665355R91	IH	470334 <sup>28</sup>	66584	VIC	1943	66636	VIC	35X50X8 <sup>28</sup>	666946	STUDE	470898
66536	VIC	224820	66585	VIC	42X55X8 <sup>28</sup>	66637	VIC	223540	66696	VIC	224025
66536	VIC	48X62X8 <sup>28</sup>	66587	VIC	80X110X10	66637	VIC	35X55X11	66697	VIC	472492 <sup>28</sup>
66537	VIC	1183	28			28			66699	VIC	224020
66537	VIC	42X55X8 <sup>28</sup>	66588	VIC	1012N	66638	VIC	223830	66699	VIC	40X55X8 <sup>28</sup>
66538	VIC	1973	66588	VIC	45X62X8 <sup>28</sup>	66638	VIC	223831	6669LA	JN-MN	417316 <sup>28</sup>
66539	VIC	1174	66589RS	VIC	88179	66638	VIC	38X55X7 <sup>28</sup>	6669LA	JN-MN	455004
66540	VIC	1188	66590RS	VIC	88199	66639	VIC	223840	66701	VIC	223830
66540	VIC	224820 <sup>29</sup>	66590RS	VIC	99199 <sup>28</sup>	66639	VIC	38X58X8 <sup>28</sup>	66701	VIC	38X55X7 <sup>28</sup>
66540	VIC	48X62X8 <sup>28</sup>	66591RS	VIC	99193	66639	VIC	38X58X8 <sup>28</sup>	66703	VIC	3772
66540S	TROS	8935S	66592RS	VIC	88218	6663R	JN-MN	415227 <sup>28,29</sup>	66704	VIC	1021V
66541	VIC	1973	66592RS	VIC	99218 <sup>28</sup>	6663S	TIMKE	6663S	66704	VIC	229005
66541S	TROS	473234 <sup>28</sup>	66593RS	VIC	99225	66642	VIC	224045	66707	VIC	229005
66543	VIC	224235	66594RS	VIC	99174	66643	VIC	42X55X8 <sup>28</sup>	66708	VIC	239146
66543	VIC	42X58X7 <sup>28</sup>	66595RS	VIC	88187	66644	VIC	224250	66708	VIC	38X54X7 <sup>28</sup>
66544	VIC	224045	66595RS	VIC	99187 <sup>28</sup>	66644	VIC	42X62X8 <sup>28</sup>	66709	VIC	1973
66545	VIC	41X56X7 <sup>28</sup>	66596RS	VIC	88187	66645	VIC	1992	66710	VIC	224462
66546	VIC	224270	66596RS	VIC	99187 <sup>28</sup>	66645	VIC	45X65X8 <sup>28</sup>	66712	VIC	473367
			66596RS	VIC	99187 <sup>28</sup>	66647	VIC	50X72X8 <sup>28</sup>	667121	STUDE	450365

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
667121	STUDE	470898	66757	VIC	1981	668021	ATLAS	8871	6685	C-R	17X47X8
66713	VIC	1213N	667578	STUDE	450291	668025	ATLAS	5121	6685	SKF	17X47X8
66714	VIC	1994	667578	STUDE	471141 <sup>28</sup>	668026	ATLAS	3087	66850	VIC	224462
66714	VIC	48X70X9 <sup>28</sup>	66758	VIC	1979	668029	ATLAS	8974S	66851	VIC	224235
66716	VIC	1174	667591R91	IH	450117	668034	AT SU	1196	66851	VIC	42X58X7 <sup>28</sup>
66717	VIC	1960	667591R91	IH	472572 <sup>28</sup>	668035	AT SU	224015	66852	VIC	1038
66718	VIC	224520	667599R91	IH	200886	668035	ATLAS	224015	66853	VIC	1019
66718	VIC	45X60X10 <sup>28</sup>	66760	VIC	712011	668036	AT SU	1950	66854	VIC	224025
667184	STUDE	472394	66761	VIC	4990	668036	ATLAS	1950	66855	VIC	
667185	STUDE	472394	66762	VIC	1979 <sup>29</sup>	668037	AT SU	1188	115X140X12 <sup>28</sup>		
66719	VIC	225275	66764	VIC	1174	668037	ATLAS	1188	668572	ALLCH	471442 <sup>28</sup>
6671LA	JN-MN	417541	66765	VIC	32X58X8 <sup>28</sup>	668038	AT SU	1183	66859	VIC	710318
6671LUP	JN-MN	417541	66767	VIC	1173	668038	ATLAS	1183	66861	VIC	1953
66720	VIC	55X70X8 <sup>28</sup>	66769	VIC	1167	668039	ATLAS	3357	66863	VIC	1177
667200	STUDE	410312N	66770	VIC	224040	66804	VIC	32X56X10 <sup>28</sup>	66864	VIC	223420
667201	STUDE	410312N	66770	VIC	42X60X7 <sup>28</sup>	668042	AT SU	710127	66865	VIC	223552
66721	VIC	1999	66771	VIC	4990	668043	AT SU	710108	66866	VIC	1147
667218	STUDE	472394	66773	VIC	226520	66805	VIC	224570	66868	VIC	223605
667232	STUDE	472394	66773	VIC	65X85X10 <sup>28</sup>	66805	VIC	45X72X7 <sup>28</sup>	66869	VIC	224874
66726	VIC	225230	66774	VIC	224045	66805	VIC	1108	66870	VIC	224820
66726	VIC	52X72X8 <sup>28</sup>	66775	VIC	1012N	66806	VIC	1108	66877	VIC	800450
66727	VIC	54X72X10 <sup>28</sup>	66776	VIC	222025	66807	VIC	1987	66879	VIC	225225
667273	STUDE	6460S	66777	VIC	1174	66809	VIC	1936	66880	VIC	225650
66728	VIC	1984	66777	VIC	38X52X7 <sup>28</sup>	6681	C-R	17X47X8	66881	VIC	223340
66729	VIC	1948	66777	VIC	222745	6681	SKF	17X47X8	66886	VIC	223542
667293	Y-T	473238 <sup>28</sup>	66778	VIC	27X45X8 <sup>28</sup>	66812	VIC	2003N <sup>28</sup>	66886	VIC	35X55X11 <sup>28</sup>
66730	VIC	226285	66778	VIC	223240	66813	VIC	444116	66887	VIC	225500
66730	VIC	62X85X8 <sup>28</sup>	66779	VIC	455685	668138M1	MASSE	473016 <sup>28</sup>	66887	VIC	55X68X8 <sup>28</sup>
66732	VIC	1959	66780	VIC	1981	66818	VIC	1172	66887	VIC	32X48X8 <sup>28</sup>
66733	VIC	224820	66782	VIC	9161	66819	VIC	50X80X8	66891	VIC	710156
66733	VIC	48X62X8 <sup>28</sup>	66783	VIC	223014	66823	VIC	223580	66893	VIC	222820
667331	STUDE	450467	66784	VIC	1953	668236	STUDE	415302	66894	VIC	220860
66734	VIC	1943	66784	VIC	42X60X7 <sup>28</sup>	66824	VIC	32X54X10 <sup>28</sup>	66896	VIC	220860
66734	VIC	224570	66785	VIC	2007N	66826	VIC	1990	66896	VIC	8X16X7 <sup>28</sup>
66735	VIC	224015	66787	VIC	350609	66828	VIC	223240	66898	VIC	221610
66737	VIC	224840	66788	VIC	12X22X7 <sup>28</sup>	66828	VIC	32X48X8 <sup>28</sup>	66902	VIC	224570
667378	STUDE	410316	66788	VIC	221207	6682R	JN-MN	416167 <sup>28</sup>	66902	VIC	45X72X7 <sup>28</sup>
667378	STUDE	472636 <sup>28</sup>	66791	VIC	1965	6682R	JN-MN	455091	66903	VIC	710070
66738	VIC	3783	66793	VIC	222430	66830	VIC	2443	66904	VIC	1180
66741	VIC	225005	66793	VIC	24X40X7 <sup>28</sup>	66831	VIC	710197 <sup>28</sup>	66905	VIC	223802
66741	VIC	50X62X7 <sup>28</sup>	66794	VIC	225230	66832	VIC	14X24X7 <sup>28</sup>	66908	VIC	710331
66742	VIC	1012N	66794	VIC	52X72X8 <sup>28</sup>	66832	VIC	221410	66909	VIC	223540
66743	VIC	1992	66797	VIC	450273	66833	VIC	222655	66909	VIC	223542 <sup>29</sup>
667434	ALLCH	417210 <sup>28</sup>	66799	VIC	36X68X10 <sup>28</sup>	66834	VIC	222655	66909	VIC	35X55X11 <sup>28</sup>
66746	VIC	710189	66799	VIC	36X68X10 <sup>28</sup>	66834	VIC	26X48X7 <sup>28</sup>	66911	VIC	224210
667467	STUDE	450025	6679LA	JN-MN	473227	66835	VIC	222535	66918	VIC	320595
667467	STUDE	471553 <sup>28</sup>	6679LPD	JN-MN	473227	66835	VIC	25X38X7 <sup>28</sup>	66925	C-R	
66747	VIC	223520	6679LUP	JN-MN	473227 <sup>28</sup>	66836	VIC	224255	170X200X15 <sup>29</sup>		
66747	VIC	3771	6680	C-R	17X47X7 <sup>28</sup>	66837	VIC	2007N	66925	SKF	170X200X15
667472	STUDE	471787 <sup>28</sup>	6680	C-R	17X47X8	66838	VIC	494123	66925	VIC	1174
66748	VIC	228010	6680	SKF	17X47X8	66839	VIC	225220	66925	VIC	38X52X7 <sup>28</sup>
66749	VIC	1177	6680	SKF	17X47X7	66840	VIC	1213N	66926	VIC	710097
66751	VIC	1955	668002	ATLAS	6815	66842	VIC	34X52X8	66928	VIC	223580
66751	VIC	52X65X9 <sup>28</sup>	668004	AT SU	7022S	66844	VIC	1986	66929	VIC	223543 <sup>28</sup>
66752	VIC	1176	668004	AT SU	9150S	66846	VIC	36X47X7	66930	C-R	170X200X15
66753	VIC	2002	668009	AT SU	7934S	66847	VIC	224100	66930	SKF	170X200X15
66754	VIC	223520 <sup>28</sup>	668011	AT SU	7934S	668479	CHRYS	5836	66931	VIC	223801 <sup>28</sup>
667567R91	IH	200886	668015	AT SU	8705S	66848	VIC	224820	66940	VIC	239146
			668015	ATLAS	8705S	66849	VIC	33X50X12 <sup>28</sup>	66940	VIC	38X54X7 <sup>28</sup>
			668016	AT SU	9406S						

**INTERCHANGE SECTION**

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
66941	VIC	227530	66X1048	GARLK	450117	66X1660	GARLK	413247 <sup>2B</sup>	66X2426	GARLK	416125 <sup>2B</sup>
66941	VIC	3698	66X1048	GARLK	472572 <sup>2B</sup>	66X1666	GARLK	416271 <sup>2B</sup>	66X2432	GARLK	417499
66942	VIC	224840	66X1051	GARLK	473179 <sup>2B</sup>	66X1669	GARLK	412861	66X2433	GARLK	417355 <sup>2B</sup>
66946	VIC	710148	66X1057	GARLK	450082	66X1678	GARLK	417480 <sup>2B</sup>	66X2435	GARLK	415832
66947	VIC	473677	66X1057	GARLK	473238	66X1678	GARLK	455860	66X2438	GARLK	417500
66948	VIC	225030	66X1063	GARLK	473239 <sup>2B</sup>	66X1723	GARLK	471887	66X2462	GARLK	415379
66949	VIC	710072	66X1066	GARLK	473457 <sup>2B</sup>	66X1738	GARLK	411500	66X2465	GARLK	417205 <sup>2B</sup>
66950	VIC	1936	66X1069	GARLK	473240 <sup>2B</sup>	66X1747	GARLK	411245 <sup>2B</sup>	66X2468	GARLK	416339
66952	VIC	1217	66X1075	GARLK	473458	66X1747	GARLK	455096	66X2537	GARLK	415035
66952	VIC	224015 <sup>29</sup>	66X1114	GARLK	472319	66X1750	GARLK	417073	66X2537	GARLK	415953
66953	VIC	2025	66X1117	GARLK	471869	66X1801	GARLK	472029	66X2540	GARLK	417356 <sup>2B</sup>
669530R91	IH	412119 <sup>2B</sup>	66X1117	GARLK	473459	66X1807	GARLK	471271 <sup>2B</sup>	66X2543	GARLK	417357
669530R91	IH	450101	66X1120	GARLK	473241	66X1813	GARLK	470605 <sup>2B</sup>	66X2546	GARLK	416130 <sup>2B</sup>
66954	VIC	716102	66X1129	GARLK	472144 <sup>2B</sup>	66X1819	GARLK	415449 <sup>2B</sup>	66X2555	GARLK	415041
66955	VIC	1036	66X113	GARLK	450025	66X1825	GARLK	416273	66X2657	GARLK	416556 <sup>2B</sup>
66956	VIC	1146	66X113	GARLK	471553 <sup>2B</sup>	66X1888	GARLK	455311 <sup>29</sup>	66X2657	GARLK	472157
66957	VIC	1126	66X1132	GARLK	473460	66X1933	GARLK	413248	66X2663	GARLK	416891 <sup>2B</sup>
66958	VIC	239201 <sup>2B</sup>	66X1135	GARLK	472394	66X1939	GARLK	415483	66X2753	GARLK	416888 <sup>2B</sup>
66958	VIC	4175	66X115	GARLK	471579	66X1945	GARLK	415458 <sup>2B</sup>	66X2756	GARLK	416153 <sup>2B</sup>
66959	VIC	474133	66X119	GARLK	471642	66X1948	GARLK	417343 <sup>2B</sup>	66X289	GARLK	473380 <sup>29</sup>
66960	VIC	32X47X7 <sup>2B</sup>	66X1198	GARLK	472924 <sup>2B</sup>	66X1951	GARLK	415007	66X3125	GARLK	455576 <sup>2B</sup>
66960	VIC	3476	66X1204	GARLK	450301	66X2035	GARLK	416664 <sup>2B</sup>	66X3128	GARLK	415938
66962	VIC	710215	66X1204	GARLK	472397 <sup>2B</sup>	66X2038	GARLK	417484N	66X323	GARLK	471651
66963	VIC	1176	66X1207	GARLK	473463	66X2038	GARLK	455322	66X325	GARLK	471705 <sup>2B</sup>
66968	VIC	225020	66X1210	GARLK	473242	66X2041	GARLK	415984 <sup>2B</sup>	66X327	GARLK	473419 <sup>2B</sup>
6696S	NATL	417355 <sup>2B</sup>	66X1252	GARLK	451948	66X2044	GARLK	417316 <sup>2B</sup>	66X3275	GARLK	417362 <sup>2B</sup>
6696S	NATL	485497	66X1270	GARLK	416738 <sup>2B</sup>	66X2047	GARLK	415960	66X3278	GARLK	417363
66972	VIC	229010	66X1270	GARLK	450096	66X2050	GARLK	416706 <sup>2B</sup>	66X3281	GARLK	416666
669720	STUDE	470027	66X1324	GARLK	450115	66X2050	GARLK	455272	66X333	GARLK	471762 <sup>2B</sup>
669720	STUDE	471554 <sup>2B</sup>	66X1324	GARLK	473467	66X2118	GARLK	417344 <sup>2B</sup>	66X35	GARLK	472810 <sup>2B</sup>
66973	VIC	716102	66X1327	GARLK	472015 <sup>2B</sup>	66X2121	GARLK	417158 <sup>2B</sup>	66X352	GARLK	471652
66974	HYST	323138 <sup>2B</sup>	66X1333	GARLK	410312N	66X213	GARLK	471267 <sup>2B</sup>	66X355	GARLK	470045
66974	VIC	229005	66X1339	GARLK	450121	66X2146	GARLK	416956	66X355	GARLK	476838 <sup>2B</sup>
66975	VIC	223510	66X1339	GARLK	472409 <sup>2B</sup>	66X2152	GARLK	416654 <sup>2B</sup>	66X357	GARLK	470712 <sup>2B</sup>
66977	VIC	228250	66X1345	GARLK	473243	66X2152	GARLK	455012	66X359	GARLK	471763
66980	VIC	221720	66X1357	GARLK	416267 <sup>2B</sup>	66X2168	GARLK	417349 <sup>2B</sup>	66X361	GARLK	471785 <sup>2B</sup>
66981	VIC	471413 <sup>2B</sup>	66X1402	GARLK	472018	66X217	GARLK	471633 <sup>2B</sup>	66X383	GARLK	472475
66982	VIC	3476	66X1405	GARLK	473471	66X2171	GARLK	417350 <sup>2B</sup>	66X384	GARLK	472475
66984	VIC	711181	66X1408	GARLK	472020	66X2174	GARLK	415836	66X385	GARLK	473426
669846	ALLCH	413246	66X1414	GARLK	470354	66X2174	GARLK	415995 <sup>2B</sup>	66X387	GARLK	471765 <sup>2B</sup>
669846	ALLCH	413246N	66X1420	GARLK	473245 <sup>2B</sup>	66X2177	GARLK	417351 <sup>2B</sup>	66X3872	GARLK	471747 <sup>2B</sup>
669847	ALLCH	471529	66X1426	GARLK	413472	66X221	GARLK	470590	66X3872	GARLK	472674
66985	VIC	3771	66X1432	GARLK	416268	66X2249	GARLK	456105	66X3880	GARLK	471344
66985	VIC	713771	66X145	GARLK	471498 <sup>29</sup>	66X2257	GARLK	455336	66X3883	GARLK	473442 <sup>2B</sup>
66986	VIC	228008	66X1471	GARLK	471341 <sup>2B</sup>	66X2261	GARLK	417490	66X394	GARLK	473205
66987	VIC	710234	66X1474	GARLK	471272 <sup>2B</sup>	66X2267	GARLK	455022	66X424	GARLK	471750 <sup>2B</sup>
66988	VIC	710233	66X1480	GARLK	471138 <sup>2B</sup>	66X2270	GARLK	415304	66X427	GARLK	470163
6698R	JN-MN	415116	66X1486	GARLK	410737 <sup>2B</sup>	66X2270	GARLK	476470 <sup>2B</sup>	66X427	GARLK	471766 <sup>2B</sup>
66991	VIC	1217	66X1486	GARLK	470737	66X2273	GARLK	417181 <sup>2B</sup>	66X430	GARLK	471787 <sup>2B</sup>
66992	VIC	1987	66X149	GARLK	471684 <sup>2B</sup>	66X2276	GARLK	417352	66X436	GARLK	471795
66993	VIC	710642	66X149	GARLK	471698	66X2276	GARLK	418028	66X439	GARLK	471801 <sup>2B</sup>
66994	VIC	225650	66X1492	GARLK	472636 <sup>2B</sup>	66X2279	GARLK	417353 <sup>2B</sup>	66X442	GARLK	471808 <sup>2B</sup>
66995	VIC	473823	66X1498	GARLK	412920 <sup>2B</sup>	66X2294	GARLK	455328	66X451	GARLK	473424 <sup>2B</sup>
66996	VIC	710070	66X1504	GARLK	411376 <sup>2B</sup>	66X2366	GARLK	415991 <sup>2B</sup>	66X4802	GARLK	450545
66997	VIC	226530	66X1504	GARLK	455093	66X2366	GARLK	415991N	66X535	GARLK	470774 <sup>2B</sup>
66999	VIC	710069	66X153	GARLK	470390	66X2369	GARLK	417196 <sup>2B</sup>	66X541	GARLK	471192
6699R	JN-MN	417601	66X1654	GARLK	413246	66X2375	GARLK	417198	66X544	GARLK	470169
66A	FORD	472705 <sup>2B</sup>	66X1654	GARLK	413246N	66X2417	GARLK	416047	66X544	GARLK	473214
66X1042	GARLK	472439	66X1657	GARLK	412119 <sup>2B</sup>	66X2417	GARLK	416332 <sup>2B</sup>	66X547	GARLK	473215 <sup>2B</sup>
66X1045	GARLK	471868	66X1657	GARLK	450101	66X2420	GARLK	415937 <sup>2B</sup>	66X550	GARLK	470950 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
66X550	GARLK	6241S	67002	VIC	710093	67073	VIC	223520 <sup>28</sup>	671308	GMC	411500
66X556	GARLK	450444	6700209	GMC	417354 <sup>28</sup>	67074	VIC	2007N	67131	VIC	30X50X7
66X556	GARLK	471835 <sup>28</sup>	67003	VIC	223550	67075	VIC	224066	67132	VIC	3476
66X592	GARLK	473224 <sup>28</sup>	67005	VIC	1973	670752	CHRY	8160S	67133	VIC	1180
66X595	GARLK	473016 <sup>28</sup>	6700577	GMC	410163	67077	VIC	1213N	67134	VIC	710092
66X598	GARLK	473225 <sup>28</sup>	6700577	GMC	471766 <sup>28</sup>	67078	VIC	710218	67136	VIC	712551
66X643	GARLK	470625 <sup>28</sup>	67006	VIC	494123	67079	VIC	222238	67137	VIC	1941
66X645	GARLK	471818	67007	VIC	1213N	67080	VIC	223014	67138	VIC	224026
66X655	GARLK	450067	67008	VIC	223542	67085	VIC	228520	67139	VIC	225673
66X655	GARLK	473228	6700846	GMC	471567 <sup>28</sup>	67085	VIC	85X110X12 <sup>28</sup>	67140	VIC	471643 <sup>28</sup>
66X664	GARLK	473440 <sup>28</sup>	67009	VIC	1975	67086	VIC		67142	VIC	710156
66X6658	GARLK	471276 <sup>29</sup>	67010	VIC	473677	67086	VIC		67143	VIC	4898
66X700	GARLK	472213	670118	WHITE	370036A	125X150X12 <sup>28</sup>			67149	VIC	710112
66X703	GARLK	472299	670118	WHITE	370349A	67086	VIC	231250	67150	VIC	229005 <sup>29</sup>
66X706	GARLK	470064	670118	WHITE	380036A	67087	VIC	227550	67151	VIC	223800
66X706	GARLK	471821 <sup>28</sup>	670142	ALLCH	470169	67087	VIC	75X100X12 <sup>28</sup>	67151	VIC	223801 <sup>29</sup>
66X712	GARLK	450185	670142	ALLCH	473214 <sup>28</sup>	67088	VIC	95X130X12 <sup>28</sup>	67152	VIC	223802
66X712	GARLK	473229	670186	ALLCH	415281N	67088	VIC		67152	VIC	710834
66X7126	GARLK	470596 <sup>29</sup>	67028	VIC	225082	67089	VIC	68X90X10 <sup>28</sup>	67154	VIC	710073
66X715	GARLK	470682	6702955	GMC	471472 <sup>28</sup>	67089	VIC		67156	VIC	1935
66X7164	GARLK	473455 <sup>28</sup>	6702R	JN-MN	417780	67091	VIC		67157	VIC	4899
66X718	GARLK	471316	67030	VIC	224053	67091	VIC		67158	VIC	225673
66X7249	GARLK	416127	67031	VIC	712009	120X145X12 <sup>28</sup>			67159	VIC	1993
66X7282	GARLK	470088	6703154	GMC	415013	67092	VIC		67160	VIC	710076
66X739	GARLK	482253	6703154	GMC	415995 <sup>28</sup>	67092	VIC	110X140X12 <sup>28</sup>	67161	VIC	225410
66X760	GARLK	470358	6703159	EUCLD	471224 <sup>28</sup>	67093	VIC	4359V	67162	VIC	1174
66X760	GARLK	473231	6703159	GMC	471224 <sup>28</sup>	67094	VIC		67163	VIC	1928
66X763	GARLK	450066	67032	VIC	712008	140X170X15 <sup>28</sup>			67164	VIC	224870
66X763	GARLK	473367 <sup>28</sup>	67039	VIC	221620	67095	VIC		67166	VIC	221922
66X769	GARLK	450194	6703S	TIMKE	6703S	100X130X12 <sup>28</sup>			67171	VIC	225275
66X769	GARLK	473010	67040	VIC	222830	67098	VIC	474230	67172	VIC	225678
66X772	GARLK	450069	67041	VIC	222742	67099	VIC	717004	67173	VIC	226150
66X772	GARLK	473232	67042	VIC	710157	671	C-R	5MR1300	67174	VIC	710175
66X775	GARLK	481864	67043	VIC	710110	671	SKF	5MR1300	67175	VIC	710168
66X787	GARLK	450078	67044	VIC	224200	67101	VIC	710085	67176	VIC	710192
66X787	GARLK	473444	67045	VIC	710314	67101S	L&S	8871	67177	VIC	1953
66X7934	GARLK	55469 <sup>29</sup>	67046	VIC	224026	67102	VIC	710086	67180	VIC	710194
66X7941	GARLK	455509 <sup>29</sup>	67047	VIC	224026	67103	VIC	710088	67181	VIC	710226
66X8074	GARLK	471827 <sup>28,29</sup>	67047	VIC	710300	67104	VIC	717004	67184	VIC	221510
66X8081	GARLK	450819 <sup>29</sup>	67047	VIC	712551 <sup>29</sup>	67106	VIC		67186	VIC	710228
66X826	GARLK	473233 <sup>28</sup>	67048	VIC	1990	120X150X12 <sup>28</sup>			67187	VIC	1974
66X8342	GARLK	471255 <sup>28</sup>	67049	VIC	2655	67107	VIC	710089	67188	VIC	224462
66X835	GARLK	450154	6704SS	JN-MN	471076	671084	GMC	472394	67189	VIC	710230
66X835	GARLK	473234	67052	VIC	223843	67109	VIC	717005	67190	VIC	225650
66X838	GARLK	473235 <sup>28</sup>	67053	VIC	224045	6710SS	JN-MN	471646 <sup>28</sup>	67191	VIC	710228
66X844	GARLK	473236 <sup>28</sup>	67054	VIC	223553 <sup>29</sup>	67110	VIC	225225	67192	VIC	225673
66X859	GARLK	471981	67054	VIC	4901	671101	GMC	473205	67193	VIC	471267 <sup>28</sup>
66X899	GARLK	470351	67055	VIC	224063	67115	VIC	710225	67194	VIC	710529
66X899	GARLK	471504 <sup>28</sup>	67057	VIC	221607	671151	CHRY	415449 <sup>28</sup>	67195	VIC	710253
66X907	GARLK	450070	67058	VIC	710116	671151	CHRY	455147	67198	VIC	710109
66X907	GARLK	472185 <sup>28</sup>	67059	VIC	221620	67118	VIC	710150	6719LA	JN-MN	415072
66X910	GARLK	470334 <sup>28</sup>	67060	VIC	710297	67119	VIC	228410	6720	C-R	3667
66X913	GARLK	450183	67063	VIC	710051	67120	VIC	229210	6720	SKF	3667
66X913	GARLK	472179	67065	VIC	714503	67121	VIC	228009	67201	VIC	223552
66X922	GARLK	450291	67066	VIC	223801 <sup>28</sup>	67122	VIC	224650	67205	VIC	710255
66X922	GARLK	471141 <sup>28</sup>	67067	VIC	221607	67123	VIC	228009	67208	VIC	1932
66X925	GARLK	473448	67069	VIC	1990	67124	VIC	224015	67209	VIC	710236
66X928	GARLK	471984	67070	VIC	222430	67128	VIC	222745	67211	VIC	223230
66X931	GARLK	473313	67071	VIC	1981	67129	VIC	27X45X8 <sup>28</sup>	67211	VIC	320348
6700157	GMC	417210 <sup>28</sup>	67072	VIC	223535	6712NA	TIMKE	6712NA	67211	VIC	472015 <sup>28</sup>
						67130	VIC	223050	672138R91	IH	472015 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
67218	VIC	710072	67345	VIC	34X52X8	67491	VIC	1037	67555	SPICE	1979
67219	VIC	226530	67347	VIC	710124	67497	VIC	223805	67555	SPICE	710847
67222	VIC	224250	673472	BENDI	471354 <sup>28</sup>	6749LA	JN-MN	476470	67557	C-R	416008
67224	VIC	710313	67353	VIC	224040	674-D2	REO	370001A	67557	SKF	416008
67226	VIC	710516	67356	VIC	710286	674D-641-H12	BENDI	415034 <sup>28</sup>	6755898	GMC	410101N
672303	GMC	470059	67359	VIC	224520	674D-641-H12	BENDI	455034	6755LA	JN-MN	471688 <sup>29</sup>
672303	GMC	470380 <sup>28</sup>	67360	VIC	710115	674D-641-H16	BENDI	416666	6755LPD	JN-MN	471688
67231	VIC	226610	673600	GMC	473447	675007R91	IH	450326	67560	VIC	710088
67232	VIC	710166	67367	VIC	710122	675009R91	IH	415389	67561	VIC	710278
67233	VIC	223831	67368	VIC	710139	6750156	GMC	416107 <sup>28</sup>	6756195	FORD	710808
6723376	FORD	3774	67370	VIC	40X72X7	6750156	GMC	455073	6757264	GMC	471760
67234	VIC	710416	67374	VIC	224010	6750157	GMC	415192N	6757463	GMC	416107 <sup>28</sup>
67235	VIC	710170	67378	VIC	710305	6750231	GMC	415437	6757463	GMC	455073
67238	VIC	710730	6738	C-R	471529	67504	VIC	45X70X10	6757751	GMC	416229
67242	VIC	350414	6738	SKF	471529	6750415	GMC	415146 <sup>28</sup>	675861C1	IH	JX1747
67247	VIC	471649 <sup>28</sup>	67381	VIC	710357	6750415	GMC	415991	675861C2	IH	JX1747
67251	VIC	16X24X6	67383	VIC	225030	6750426	GMC	471466 <sup>28</sup>	675896	CLARK	455330 <sup>28</sup>
67256C1	IH	416556 <sup>28</sup>	673833R91	IH	472041	67505	VIC	224045	6758LA	JN-MN	410520
67256C1	IH	472157	673833R91	IH	473454	67507	VIC	223840	6758LA	JN-MN	471272 <sup>28</sup>
67257	VIC	20X36X7	673834R91	IH	472397 <sup>28</sup>	675097R91	IH	471554 <sup>28</sup>	6759	C-R	471529
67258	VIC	1932	673835R91	IH	415449 <sup>28</sup>	6751056	GMC	240736	6759	SKF	471529
67259	VIC	710109	67385	VIC	710071	67512	VIC	224510	67591	VIC	224053
67260	VIC	710110	67386	VIC	226018	67515	C-R	415327 <sup>29</sup>	6759135	GMC	415991
67264	VIC	2027	67387	VIC	710169	67515	SKF	415327	6759135	GMC	455146 <sup>28</sup>
67265	VIC	710248	67388	VIC	710144	675168R91	IH	200855	67593	VIC	710436
67267	VIC	3459	67393	VIC	65X80X8	67518	VIC	223400	67594	VIC	224663
67273	VIC	710259	67397	VIC	710156	6751818	GMC	450441	6759S	TIMKE	6759S
67275	VIC	710283	67398	VIC	2027	6751818	GMC	471341 <sup>28</sup>	67602	VIC	710355
67277	VIC	710217	67402	VIC	221540	67519	VIC	710305	676031C91	IH	5629
67278	VIC	710094	67403	VIC	221720	6752035	GMC	471526 <sup>28</sup>	676032R91	IH	472924 <sup>28</sup>
6727LA	JN-MN	450082	67404	VIC	16X24X6	67521	VIC	710266	67604	VIC	320595
6727LA	JN-MN	473238	67405	VIC	221610	6752372	GMC	415138 <sup>28</sup>	6760S	TIMKE	6760S
6728	C-R	17X27X7	67406	VIC	222535	6752373	GMC	416107 <sup>28</sup>	676141	ALLCH	JX1190
6728	SKF	17X27X7	67408	VIC	222430	6752373	GMC	455073	67616	VIC	710837
67283	VIC	710127	67409	VIC	222025 <sup>28</sup>	675242	WHITE	415003	676168M1	MASSE	470169
67285	VIC	710125	6741	C-R	471529	675242	WHITE	415458 <sup>28</sup>	676168M1	MASSE	473214
67286	VIC	710108	6741	SKF	471529	6752S	NATL	412473 <sup>28</sup>	676169M1	MASSE	470163
67288	VIC	710107	67410	VIC	222050	6752S	NATL	415894	676169M1	MASSE	471766 <sup>28</sup>
67289	VIC	710178	674105	MERIX	455858	67533	C-R	417596	67617	VIC	710451
6729	C-R	17X27X7	674105	ROCKW	455858	67533	SKF	417596	676182M1	MASSE	470950 <sup>28</sup>
6729	SKF	17X27X7	674105	WHITE	455858	675334	CATER	415447	676182M1	MASSE	6241S
67290	VIC	1177	67411	VIC	20X35X7 <sup>28</sup>	675346	GMC	370066A	6761LA	JN-MN	410496 <sup>28</sup>
672900	STUDE	474278 <sup>28</sup>	674237	GMC	370007A	6753849	GMC	417350 <sup>28</sup>	6762841	GMC	471442 <sup>28</sup>
672900	STUDE	480356	67424	VIC	20X35X7 <sup>28</sup>	6753849	GMC	455479	67629	VIC	710472
67291	VIC	224872	67427	VIC	223215	67544	VIC	222410	6763	C-R	474261
67292	VIC	224874	6743	C-R	471529	675442	GMC	412015V	6763	SKF	474261
67292195	BUC-E	470059	6743	SKF	471529	675443	GMC	3893V <sup>28</sup>	67631C1	IH	473232 <sup>28</sup>
67292195	BUC-E	470380 <sup>28</sup>	67430	VIC	710123	675455	VOLVO	482126	67640	VIC	710460
67293	VIC	16X24X6	67431	VIC	710118	6754947	GMC	415988	6764LA	JN-MN	55357
67299	VIC	224820	67432	VIC	710287	6755	FULLE	417082	6765	C-R	471538 <sup>28</sup>
67301	VIC	710172	67434	VIC	710208	675516	CABOT	416107 <sup>28</sup>	6765	C-R	8773S
673013R91	IH	417343 <sup>28</sup>	67438	VIC	710838	675516	CABOT	455073	6765	SKF	471538
67308	VIC	710114	6743LA	JN-MN	417536	675516	MINMA	416107 <sup>28</sup>	6765	SKF	8773S
6730LA	JN-MN	416888 <sup>28</sup>	67441	VIC	710173	675516	MINMA	455073	676593	GMC	252277
6730LA	JN-MN	455200	67442	VIC	710239	675516M1	BUC-E	416107 <sup>28</sup>	676595	GMC	412015V
67321	VIC	710195	67448	VIC	710240	675516M1	BUC-E	455073	6765R	JN-MN	417211 <sup>28</sup>
67331	VIC	225110	67452	VIC	710255	67551WK	SUL	416107 <sup>28</sup>	6767	C-R	471538 <sup>28</sup>
67335	VIC	710141	67482	VIC	35X48X8 <sup>28</sup>	67551WK	SUL	455073	6767	C-R	8773S
67336	VIC	1176	674869	STUDE	340797	67554	CINMI	410312N	6767	SKF	471538
67337	VIC	4898	67487	VIC	710343	67555	DANA	710847	6767	SKF	8773S

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
67680	CLEVI	710552	67773	VIC	3476	678953	STUDE	450308	67X1654	GARLK	413246
6768481	GMC	415138 <sup>28</sup>	67774	VIC	710617	678D5	WHITE	470358	67X1654	GARLK	413246N
676852R91	IH	413248	67775	VIC	710601	678D5	WHITE	473231 <sup>28</sup>	67X1666	GARLK	416271 <sup>28</sup>
67693	VIC	224052	67777	VIC	710892	679001	GMC	370008A	67X1669	GARLK	412861
67696R91	IH	415060	67778	EATON	5MR71	679002	GMC	370008A	67X1801	GARLK	472029
676-D2	REO	370057A	6778050	GMC	415988	679007	GMC	370012A	67X1807	GARLK	471271 <sup>28</sup>
676T5	WHITE	470120	67781	VIC	231004	679008	GMC	370012A	67X1822	GARLK	415001 <sup>28</sup>
676T5	WHITE	471224 <sup>28</sup>	677812	TMTR	472299	67910	VIC	710759	67X1822	GARLK	455001
677	C-R	5M643	67783	VIC	224650	679257	STUDE	340787	67X1828	GARLK	455079 <sup>28</sup>
677	SKF	5M643	677858	STUDE	470163	67929	VIC	710786	67X1834	GARLK	455655 <sup>28</sup>
6770305	GMC	412119	677858	STUDE	471766 <sup>28</sup>	67930	VIC	710822	67X2035	GARLK	416664 <sup>28</sup>
67710	VIC	710842	67786	VIC	710289	67932	VIC	711005	67X2035	GARLK	455364
6771231	GMC	415013N	67787	VIC	716102	67944	VIC	710900	67X2038	GARLK	417484N
6771231	GMC	415995V	67788	VIC	3476	67961	VIC	710610	67X2038	GARLK	455322
677188	ALLCH	471787 <sup>28</sup>	67790C2	IH	480630 <sup>28</sup>	67964	VIC	711030	67X2041	GARLK	415984 <sup>28</sup>
6771SS	JN-MN	471705 <sup>28</sup>	67791	VIC	716484	67965	VIC	711004	67X2050	GARLK	416706 <sup>28</sup>
6772050	GMC	471554V	67795	VIC	710857	6796LA	JN-MN	416666	67X2050	GARLK	455272
67721	VIC	710849	67796	VIC	710580	67972	VIC	710937	67X213	GARLK	471267 <sup>28</sup>
67723	VIC	224200	67797	VIC	3772	6797454	VOLVO	716484	67X215	GARLK	471570 <sup>28</sup>
67724	VIC	223420	67805	VIC	710608	6797454-3	VOLVO	716484	67X2168	GARLK	415281N
67726	VIC	710890	67806TA	TRSCM	416362	67975	VIC	710849	67X217	GARLK	471633 <sup>28</sup>
677318	STUDE	416271 <sup>28</sup>	67807	VIC	710819	679752	CHRYSLER	8160S	67X2174	GARLK	415995V
6773186	EUCLD	415192N	67808	VIC	3051N	6797LA	JN-MN	415072 <sup>29</sup>	67X2174	GARLK	455995N
6773186	GMC	415192N	67809	VIC	710767	6798LA	JN-MN	417562	67X219	GARLK	471646 <sup>28</sup>
67732	VIC	223750	6781	TIMKE	6781	67991	VIC	710850	67X225	GARLK	471730
6773201	GMC	471224 <sup>28</sup>	678138	STUDE	410316	679918	GMC	417480 <sup>28</sup>	67X269	GARLK	451583 <sup>28</sup>
6773249	GMC	410183N	678138	STUDE	472636 <sup>28</sup>	679918	GMC	455860	67X273	GARLK	471648
67733	VIC	710056	67823	VIC	710859	679939	GMC	415023	67X275	GARLK	471688
6773311	GMC	476424N	67825	VIC	224200	679-D2	REO	370007A	67X287	GARLK	471224 <sup>28</sup>
67737	VIC	224052	67827	VIC	710896	67X1048	GARLK	450117	67X291	GARLK	471649 <sup>28</sup>
67738	DENCO	415995 <sup>28</sup>	678270	FLXIB	473215 <sup>28</sup>	67X1048	GARLK	472572 <sup>28</sup>	67X293	GARLK	471689 <sup>28</sup>
67738	DENCO	455013	678270	GMC	473215 <sup>28</sup>	67X1051	GARLK	473179 <sup>28</sup>	67X295	GARLK	450593 <sup>28</sup>
67740	VIC	710891	67828	VIC	710674	67X1057	GARLK	450082	67X297	GARLK	471733
67742	DENCO	450365	67829	VIC	710897	67X1057	GARLK	473238	67X301	GARLK	471760
67742	DENCO	470898 <sup>28</sup>	67830	VIC	710761	67X1063	GARLK	473239 <sup>28</sup>	67X303	GARLK	453165
67746	VIC	3774	67831	VIC	710878	67X109	GARLK	471529	67X303	GARLK	471619 <sup>28</sup>
67747	VIC	223010	67833	VIC	710613	67X111	GARLK	471538 <sup>28</sup>	67X351	GARLK	471652
67748	VIC	228008	67835	VIC	710127	67X113	GARLK	471553 <sup>28</sup>	67X353	GARLK	470189
677484C1	IH	411275V	67836	VIC	223005	67X115	GARLK	471579	67X353	GARLK	471692 <sup>28</sup>
6774SH	JN-MN	470074	67838	VIC	710621	67X1186	GARLK	471870 <sup>28</sup>	67X355	GARLK	470045
6774SH	JN-MN	474265	67839	VIC	225530	67X1186	GARLK	471883	67X355	GARLK	476838 <sup>28</sup>
67750	VIC	710848	67840	VIC	716484	67X1189	GARLK	450389	67X359	GARLK	471763
67752	VIC	710669	67842	VIC	320348	67X1189	GARLK	472492 <sup>28</sup>	67X361	GARLK	471785 <sup>28</sup>
67753	VIC	710790	67843	VIC	231003	67X1198	GARLK	472924 <sup>28</sup>	67X4584	GARLK	472658
6775412	GMC	470712V	67846	VIC	223005	67X1204	GARLK	472397 <sup>28</sup>	67X4584	GARLK	473197
67755	VIC	1172	67847á	VIC	711007	67X1324	GARLK	450115	67X51	GARLK	471526 <sup>28</sup>
6775628	GMC	415991 <sup>28</sup>	67849	VIC	710787	67X1324	GARLK	473467	67X53	GARLK	471472 <sup>28</sup>
6775628	GMC	415991N	67853áááá	VIC	710288	67X1327	GARLK	472015 <sup>28</sup>	67X535	GARLK	470774 <sup>28</sup>
677566	GMC	410101N	67856	VIC	224200	67X143	GARLK	471567 <sup>28</sup>	67X541	GARLK	471192
67757	VIC	223750	67859	VIC	224460	67X147	GARLK	471643 <sup>28</sup>	67X544	GARLK	473214 <sup>28</sup>
6775LA	JN-MN	471705 <sup>28,29</sup>	67860	VIC	2025	67X1471	GARLK	471341 <sup>28</sup>	67X547	GARLK	473215 <sup>28</sup>
67760	VIC	710803	67861	VIC	710785	67X1474	GARLK	410520	67X55	GARLK	471549 <sup>28</sup>
67761	VIC	710788	67862	VIC	229005	67X1474	GARLK	471272 <sup>28</sup>	67X556	GARLK	450444
6776197	SPICE	416107 <sup>28</sup>	67863	VIC	710526	67X1492	GARLK	472636 <sup>28</sup>	67X556	GARLK	471835 <sup>28</sup>
67762	VIC	710790	67865	VIC	710824	67X1504	GARLK	411376 <sup>28</sup>	67X643	GARLK	470548
67763	VIC	710790	67866	VIC	710521	67X1504	GARLK	455093	67X643	GARLK	470625 <sup>28</sup>
67764	VIC	710881	6786LA	JN-MN	450776 <sup>28</sup>	67X153	GARLK	470390	67X646	GARLK	470059
67765	VIC	228008	678805	GMC	450194	67X159	GARLK	481443 <sup>28</sup>	67X646	GARLK	470380 <sup>28</sup>
67766	VIC	710614	678805	GMC	473010	67X161	GARLK	481568 <sup>28</sup>	67X655	GARLK	450067
67769	VIC	710289	678953	STUDE	410308 <sup>28</sup>	67X1639	GARLK	473474	67X655	GARLK	473228

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
67X658	GARLK	451857	6803967	FORD	3393	68174112AA	MOPAR	710487	6842092-6	VOLVO	710669
67X664	GARLK	473440 <sup>28</sup>	68040719AA	CHRYSLER	4741	6818	TIMKE	6818	6842093	VOLVO	355660H
67X67	GARLK	471281 <sup>28</sup>	68042766AA	CHRYSLER	710692	68187	CATER	471735	6842093	VOLVO	710803
67X69	GARLK	471535 <sup>28</sup>	68042766AA	JEEP	710692	6818LA	JN-MN	415027 <sup>28</sup>	6842093-4	VOLVO	710803
67X700	GARLK	472213	68055261AA	CHRYSLER	710742	6818LA	JN-MN	455027	6842160	VOLVO	710803
67X71	GARLK	471551 <sup>28</sup>	68055262AA	CHRYSLER	710661	68192838AA	CHRYSLER	320583	6842160-0	VOLVO	710803
67X87	GARLK	471466 <sup>28</sup>	68055336AA	CHRYSLER	710661	68192838AA	JEEP	320583	6842160-1	VOLVO	710803
67X898	GARLK	470351	68056356AA	CHRYSLER	710481	68198171	VW	716102	6842272	VOLVO	710790
67X898	GARLK	471504 <sup>28</sup>	68056356AA	JEEP	710481	6819970046	FREIG	370023A	6842272-0	VOLVO	710790
67X904	GARLK	450494	68056356AA	MITSU	710481	68223854AA	CHRYSLER	711030	6842272-4	VOLVO	710790
67X904	GARLK	472164 <sup>28</sup>	68056356AA	MOPAR	710481	68223854AA	JEEP	711030	6842273	VOLVO	1172
67X91	GARLK	471255 <sup>28</sup>	68056415AA	CHRYSLER	7412S	68224	ALLCH	474276 <sup>28</sup>	6842273-0	VOLVO	1172
67X913	GARLK	450183	68056415AA	MOPAR	7412S	68224	KEN	474276 <sup>28</sup>	6842273-2	VOLVO	1172
67X913	GARLK	472179	68056416AA	CHRYSLER	710298	68227841AA	CHRYSLER	710888	6842274	VOLVO	710669
67X922	GARLK	450291	68056416AA	MOPAR	710298	68227841AA	JEEP	710888	6842274-0	VOLVO	710669
67X922	GARLK	471141 <sup>28</sup>	68060342AA	CHRYSLER	710841	682326	STUDE	6270	684233	STUDE	470898
67X925	GARLK	473448	68060342AA	JEEP	710841	682327	STUDE	5401	6843111	VOLVO	223830
67X928	GARLK	471984	680622	ALLCH	470596	68234127AA	CHRYSLER	710487	6843111-3	VOLVO	223830
67X93	GARLK	471564	68071194AA	CHRYSLER	710684	68234166AA	CHRYSLER	710939	6843112	VOLVO	710582
68001750AA	CHRYSLER	471648	68071194AA	JEEP	710684	68234994AA	CHRYSLER	710486	6843112-1	VOLVO	710582
68003265AA	CHRYSLER	710877	68078786AA	CHRYSLER	711030	68234994AA	JEEP	710486	68433DM	IH	350435
68003265AA	MOPAR	710877	68078786AA	JEEP	711030	68238383AA	CHRYSLER	710813	6843481	VOLVO	224040
68003270AA	CHRYSLER	9912	68079589AA	CHRYSLER	710937	682796	STUDE	415960	6843481-0	VOLVO	224040
68003270AA	JEEP	9912	68079589AA	MOPAR	710937	682796	STUDE	455009	6845	NATL	413469 <sup>28</sup>
68003270AA	MOPAR	9912	680842C91	IH	482126	682805R91	IH	472394	684783	CATER	470898
68004072AA	CHRYSLER	710741	68087455AA	CHRYSLER	710946	682809	GMC	415137 <sup>28</sup>	6847S	TIMKE	6847S
68004072AA	MOPAR	710741	68089693AA	CHRYSLER	710726	682809	GMC	418028	684806	ALLCH	416364 <sup>28</sup>
68006029AA	CHRYSLER	710813	68089735AA	CHRYSLER	4503N	6828S	NATL	450185	684881	STUDE	7399S
6800LA	JN-MN	471647	68089735AA	MOPAR	4503N	6828S	NATL	473229	6848R	JN-MN	474274
6800LPD	JN-MN	471647	68089736AA	CHRYSLER	330385	6830097	GMC	472164 <sup>28</sup>	68509	DENCO	471958
6800S	NATL	471466 <sup>28</sup>	6808LA	JN-MN	417501	68304271AA	CHRYSLER	710863	6850LA	JN-MN	473228
68016	C-R	JV753	6808N	TIMKE	6808N	68304271AA	MOPAR	710863	6850LA	JN-MN	51098
68016	DENCO	415138 <sup>28</sup>	680954	ALLCH	471344	683225R91	IH	5408 <sup>30</sup>	6851LA	JN-MN	450025
68016	SKF	JV753	68097	DENCO	450365	683226R91	IH	5408	6851LA	JN-MN	471553 <sup>28</sup>
68017721AA	CHRYSLER	710841	68097	DENCO	470898 <sup>28</sup>	68328	AM WH	416339	685215	GMC	370003A
68017721AA	JEEP	710841	681175	FORD	416738 <sup>28</sup>	68328	AM WH	455031 <sup>28</sup>	685215	GMC	380003A
68019663AA	CHRYSLER	710907	681175	FORD	450096	6832S	TIMKE	6832S	685262	GMC	450519
68020037AA	CHRYSLER	710909	68130R91	IH	472015 <sup>28</sup>	683328	STUDE	470308N	685262	GMC	471271 <sup>28</sup>
68020054AA	CHRYSLER	221207	681323	CHRYSLER	470062	683334R91	IH	472492 <sup>28</sup>	68536R91	IH	475009N
68020128AA	CHRYSLER	710908	681323	CHRYSLER	474264	683380	GMC	415272N	685555	GMC	470358
68020128AA	MOPAR	710908	6814	C-R	471553 <sup>28</sup>	683523	GMC	6808N	685555	GMC	473231
68026074AA	CHRYSLER	710641	6814	SKF	471553	683590	GMC	370008A	6855W	DIA	473473
68026074AA	MOPAR	710641	68142480AA	CHRYSLER	710486	683591	GMC	370009A	68599	BOSTN	250437V
68026295AA	CHRYSLER	710903	68142480AA	JEEP	710486	683591	GMC	380009A	6859S	TIMKE	6859S
68026295AA	MOPAR	710903	68142480AA	MOPAR	710486	6835S	TIMKE	6835S	6860S	NATL	410496 <sup>28</sup>
680273R91	IH	370007A	68145442AA	CHRYSLER	710487	6836LA	JN-MN	472213	6861S	NATL	351267
68029	VIC	6879H	68145442AA	JEEP	710487	6836LUP	JN-MN	472213	6861S	NATL	471267 <sup>28</sup>
68029390AA	CHRYSLER	710692	68145442AA	MOPAR	710487	6837288	GMC	454136N	68621	DENCO	415995 <sup>28</sup>
68029390AA	JEEP	710692	6814LA	JN-MN	415021	68373	SABO	710583	68621	DENCO	455013
68031388AA	CHRYSLER	710056	6815	TIMKE	6815	68374	SABO	710546	6862LA	JN-MN	416364 <sup>28</sup>
68031388AA	CHRYSLER	710884	681596	GMC	417159	6838378	RCA	240435	6862LPD	JN-MN	416364 <sup>28</sup>
68031388AA	JEEP	710056	6816	C-R	450025	6838600	GMC	417495	68630022	WITTE	240119
68033195AA	CHRYSLER	4741	6816	C-R	471553 <sup>28</sup>	68403	SABO	710648	68630061	WITTE	471750 <sup>28</sup>
68033195AA	MOPAR	4741	6816	SKF	471553	68405	SABO	710491	68630150	WITTE	450183
68036471AA	CHRYSLER	710454	68163888AA	CHRYSLER	710690	6840LA	JN-MN	417597	68630150	WITTE	472179
68036471AB	CHRYSLER	710454	681675	GMC	450076	6840LPD	JN-MN	417597	68630201	WITTE	450083
68036471AB	MOPAR	710454	681675	GMC	470334 <sup>28</sup>	6840LUP	JN-MN	417597	68630201	WITTE	472924 <sup>28</sup>
68036498AA	CHRYSLER	127591	6817	C-R	471553	6840S	TIMKE	6840S	68630211	WITTE	472012
68036498AA	CHRYSLER	710959	6817	SKF	471553	684164	GMC	473473	68630220	WITTE	450867
680392	GMC	370024A	68174112AA	CHRYSLER	710487	6842092	VOLVO	710669	68630220	WITTE	470898

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
68630270	WITTE	411245 <sup>28</sup>	6883LA	JN-MN	413248	69028	HYST	411376 <sup>28</sup>	69367C1	IH	417159
68630270	WITTE	455096	688508XX	TIMKE	68X85X8	6903	C-R	471466	6936LA	JN-MN	473238 <sup>28</sup>
68630301	WITTE	416273 <sup>28</sup>	688520	MINMA	417556	6903	SKF	471466	6936LPD	JN-MN	473238 <sup>28</sup>
68630373	WITTE	415281N	689007XX	TIMKE	68X90X7	6904	C-R	471466	6936S	TIMKE	6936S
68630374	WITTE	475012N	689010XX	TIMKE	68X90X10	6904	SKF	471466	6939	FULLE	450117
68630380	WITTE	415995 <sup>28</sup>	68903	DENCO	471192	6906S	TIMKE	6906S	6939	FULLE	472572 <sup>28</sup>
68630380	WITTE	455013	68904	DENCO	413247 <sup>28</sup>	69070	TRASR	224010	6939	NATL	9568
68630509	WITTE	415697 <sup>28</sup>	68904	DENCO	450350	690764	GMC	415027	6941LA	JN-MN	455080 <sup>29</sup>
68630509	WITTE	455547	689507XX	TIMKE	68X95X7	690807	SPERY	417562	6942R	JN-MN	473242
68630673	GA-WO	415725 <sup>28</sup>	689510XX	TIMKE	68X95X10	69084	ALLCH	450104	6943	FULLE	410102
68630783	GA-WO	417365	6895R	JN-MN	417158 <sup>28</sup>	69102S	TROS	8974S	69437	ALLCH	471795
68630983	GA-WO	415090	6895R	JN-MN	455355	6913	C-R	221620	694.739	ELRNG	710824
6863S	TIMKE	6863S	68988	DENCO	450365	6913	SKF	221620	694.770	ELRNG	710237
6864S	TIMKE	6864S	68988	DENCO	470898 <sup>28</sup>	69139	CUMMI	473224 <sup>28</sup>	69478R91	IH	417487
68666	CATER	471267 <sup>28</sup>	68989	DENCO	470163	69139C1	IH	450094N	69478R91	IH	455014
6869LA	JN-MN	415988 <sup>29</sup>	68989	DENCO	471766 <sup>28</sup>	6916	C-R	471264	69510K	TRISL	370036A
6869LUP	JN-MN	415988	6899H	DIA	417171 <sup>28</sup>	6916	SKF	471264	69510K	TRISL	370349A
68717	AM WH	450194	68AB1190AA	FORD	3395 <sup>28</sup>	691631C91	IH	5624	69510K	TRISL	380036A
68717	AM WH	473010	68GG7048A1A	FORD	2503N	691666	WHITE	471267 <sup>28</sup>	695137	CLARK	470351
6871LA	JN-MN	417496 <sup>29</sup>	68X10007XX	TIMKE	68X100X7	6916LPD	JN-MN	417563	695137	CLARK	471504 <sup>28</sup>
6871LUP	JN-MN	417496	68X10013XX	TIMKE	68X100X13	6920	C-R	471553 <sup>28</sup>	6951LPD	JN-MN	417608 <sup>29</sup>
68720	C-R	455948	68X100X13	TIMKE	68X100X13	6920	SKF	471553	69520K	TRISL	370065A
68720	SKF	455948	68X100X13SC	TRSCM	68X100X13	69215	AM WH	473016 <sup>28</sup>	69520K	TRISL	380065A
6872LA	JN-MN	415379 <sup>28</sup>	68X100X13TC	TRSCM	68X100X13	692373	C-R	30X52X10	6953	NATL	44052
6872LA	JN-MN	455379	68X109	GARLK	471529	692373	SKF	30X52X10	6953	WMG	44052
6872LPD	JN-MN	415379 <sup>28</sup>	68X111	GARLK	471538 <sup>28</sup>	692415	C-R	35X52X7	695410	CLARK	473463
6872LPD	JN-MN	455379	68X113	GARLK	471553 <sup>28</sup>	692415	SKF	35X52X7	6954631	SPICE	471192
6872S	TIMKE	6872S	68X115	GARLK	471579	692435	C-R	36X47X7	695463-2	SPICE	100495
68745	C-R	455584 <sup>29</sup>	68X1324	GARLK	450115	692435	SKF	36X47X7	695463-2	SPICE	415281N
68745	SKF	455584	68X1324	GARLK	473467	6924A	JOY	415960	695463-3	SPICE	455509
6874A	HERCU	450069	68X143	GARLK	471567 <sup>28</sup>	6924A	JOY	455009	6954S	TIMKE	6954S
6874A	HERCU	473232	68X147	GARLK	471643 <sup>28</sup>	6924LA	JN-MN	415001 <sup>28</sup>	69550	SHOV	471192
6875LA	JN-MN	416239 <sup>28</sup>	68X153	GARLK	470390	6924LA	JN-MN	455001	6956	NATL	44053
687686	CHRYSL	470354	68X159	GARLK	481443 <sup>28</sup>	6926	JOY	455018	6956	WMG	44053
6876LA	JN-MN	416865 <sup>28</sup>	68X161	GARLK	481568 <sup>28</sup>	6926	JOY	476470	6956R	JN-MN	450121
687707C91	IH	714470	68X215	GARLK	471570 <sup>28</sup>	692612	GMC	350435	6956R	JN-MN	472409 <sup>28</sup>
68775	DENCO	416149	68X217	GARLK	471633 <sup>28</sup>	692641	C-R	90X110X12	6957LA	JN-MN	416107 <sup>28</sup>
687758	SPERY	471649 <sup>28</sup>	68X219	GARLK	471646 <sup>28</sup>	692641	SKF	90X110X12	6957LA	JN-MN	455073
687803C91	IH	714470	68X225	GARLK	471730	692693	C-R	221820	69589K	TRISL	370013A
687900	IH	456557	68X269	GARLK	451583 <sup>28</sup>	692693	SKF	221820	69590K	TRISL	370002A
6879H	TIMKE	6879H	68X273	GARLK	471648	6927	JOY	415001 <sup>28</sup>	69591K	TRISL	370029A
6879LA	JN-MN	473475	68X275	GARLK	471688	6927	JOY	455001	69594K	TRISL	370026A
6879LPD	JN-MN	473475	68X291	GARLK	471649 <sup>28</sup>	6928	JOY	417316 <sup>28</sup>	69596K	TRISL	370065A
687W837	CONE	5538	68X297	GARLK	471733	6928	JOY	455004	69596K	TRISL	380065A
68800	C-R		68X301	GARLK	471760	69290	CATER	473237 <sup>28</sup>	69597K	TRISL	370036A
175X200X15 <sup>29</sup>			68X51	GARLK	471526 <sup>28</sup>	69290	TMTR	473237 <sup>28</sup>	69597K	TRISL	370349A
68800	SKF	175X200X15	68X53	GARLK	471472 <sup>28</sup>	692956	GMC	410102	69597K	TRISL	380036A
688032	GMC	J1109	68X55	GARLK	471549 <sup>28</sup>	6930	TIMKE	6930	69598K	TRISL	370025A
688033	GMC	J1113 <sup>29</sup>	68X69	GARLK	471535 <sup>28</sup>	69307R91	IH	415437 <sup>28</sup>	69598K	TRISL	380025A
688034	GMC	413470 <sup>28</sup>	68X71	GARLK	471551 <sup>28</sup>	69307R91	IH	455173	69598K	TRISL	386025A
688035	GMC	413246	68X87	GARLK	471466 <sup>28</sup>	6932LA	JN-MN	471567 <sup>28</sup>	69599K	TRISL	370037A
688035	GMC	413246N	68X90X10	TIMKE	68X90X10	6932LPD	JN-MN	471567 <sup>28</sup>	69599K	TRISL	370338A
688061	GMC	370005A	68X90X10SC	TRSCM	68X90X10	693323R91	IH	415960	6960	TIMKE	6960
688131	US-EL	473203	68X90X10TC	TRSCM	68X90X10	693323R91	IH	455009	69623	BOSTN	8597S
68819	DENCO	410987 <sup>28</sup>	68X91	GARLK	471255 <sup>28</sup>	693463-1	SPICE	450067	69628K	TRISL	370033A
68819	DENCO	450686	68X93	GARLK	471564	693463-1	SPICE	473228	6962S	TIMKE	3103
688207XX	TIMKE	68X82X7	6902001	ARMCO	J1141	6935	C-R	471579 <sup>29</sup>	69634H	IH	450082
6882LA	JN-MN	471870 <sup>28</sup>	6902014	EATON	455322V	6935	SKF	471579	69634H	IH	473238
6882LA	JN-MN	471883	69020R91	GMC	415085 <sup>28</sup>	6935LA	JN-MN	417247 <sup>28</sup>	69647	BOSTN	450621
6883697	GMC	417316 <sup>28</sup>	69020R91	GMC	456648	6935LPD	JN-MN	417247 <sup>28</sup>	69656	CUMMI	473224 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
69687K	TRISL	<b>370002A</b>	698444R91	NAVST	<b>380036A</b>	6F5772	CATER	<b>470712<sup>2B</sup></b>	6V4253	CATER	<b>470553</b>
69688K	TRISL	<b>370002A</b>	698446R91	IH	<b>410085</b>	6F848	CATER	<b>450412</b>	6V4253	CATER	<b>471224<sup>2B</sup></b>
69689K	TRISL	<b>370011A</b>	698446R91	IH	<b>470530<sup>2B</sup></b>	6G9N-6701-AA	FORD	<b>710789</b>	6V4427	CATER	<b>410519</b>
69690K	TRISL	<b>370007A</b>	698447R91	IH	<b>410183N</b>	6H3580	CATER	<b>411500</b>	6V4427	CATER	<b>471271<sup>2B</sup></b>
69691K	TRISL	<b>370015A</b>	698448R91	IH	<b>415138<sup>2B</sup></b>	6H3955	CATER	<b>450494</b>	6V5029	CATER	<b>330385<sup>2B,29</sup></b>
69692K	TRISL	<b>370124A</b>	698449R91	IH	<b>410496<sup>2B</sup></b>	6H3955	CATER	<b>472164<sup>2B</sup></b>	6V5259	CATER	<b>413246</b>
69693K	TRISL	<b>370012A</b>	698457R91	IH	<b>415016N</b>	6H399	CATER	<b>416956</b>	6V5259	CATER	<b>413246N</b>
69695K	TRISL	<b>370054A</b>	6985	TIMKE	<b>6985</b>	6H3999	CATER	<b>416956</b>	6V5607	CATER	<b>416011</b>
69696K	TRISL	<b>370131A</b>	69858	BR-ST	<b>471760</b>	6H7049	CATER	<b>416470N</b>	6V5607	CATER	<b>417621<sup>2B</sup></b>
69696K	TRISL	<b>380131A</b>	698768	GMC	<b>370037A</b>	6I0-C1019	REX	<b>450519</b>	6V6838	CATER	<b>415303<sup>2B</sup></b>
69697K	TRISL	<b>370048A</b>	698768	GMC	<b>370338A</b>	6I0-C1019	REX	<b>471271<sup>2B</sup></b>	6V7196	CATER	<b>416404<sup>2B</sup></b>
69697K	TRISL	<b>370182A</b>	6988H	TIMKE	<b>6988H</b>	6J5232	CATER	<b>416364<sup>2B</sup></b>	6V9748	CATER	<b>472653<sup>2B</sup></b>
69697K	TRISL	<b>380048A</b>	6990	C-R	<b>471642</b>	6J5234	CASE	<b>J1138</b>	6X16X7	SIMRT	<b>6X16X7</b>
69698K	TRISL	<b>370020A</b>	6990	SKF	<b>471642</b>	6J5234	CATER	<b>J1138</b>	6X16X7	TIMKE	<b>6X16X7</b>
69699K	TRISL	<b>370001A</b>	6992	C-R	<b>710251</b>	6J5751	CATER	<b>J1124</b>	6X16X7SC	TRSCM	<b>6X16X7</b>
69699K	TRISL	<b>380001A</b>	6992	SKF	<b>710251</b>	6K2430	CATER	<b>416865<sup>2B</sup></b>	6X16X7TC	TRSCM	<b>6X16X7</b>
69709AB	CASE	<b>415138<sup>2B</sup></b>	69956	AM WH	<b>470120</b>	6K3159	CATER	<b>417262<sup>2B</sup></b>	6X22X7	FORSH	<b>6X22X7<sup>2B</sup></b>
697119R91	IH	<b>416865<sup>2B</sup></b>	69956	AM WH	<b>471224<sup>2B</sup></b>	6K3159	CATER	<b>455448</b>	6X22X7	TIMKE	<b>6X22X7</b>
697119R91	IH	<b>455070</b>	69990-0081	SUBAR	<b>223830</b>	6K4186	CATER	<b>416294<sup>2B</sup></b>	6X22X7SC	TRSCM	<b>6X22X7<sup>2B</sup></b>
69740	BR-ST	<b>474255</b>	699900120	SUBAR	<b>1984</b>	6K9148	CATER	<b>415683</b>	6X22X7TC	TRSCM	<b>6X22X7<sup>2B</sup></b>
69743K	TRISL	<b>370106A</b>	6999-00120	VOLVO	<b>1984</b>	6L2305	CATER	<b>470687</b>	6X5221K	JOHND	<b>6575S</b>
697494R91	IH	<b>240731</b>	69990-0900	SUBAR	<b>710227</b>	6L2P-7052AA	FORD	<b>710487</b>	7	BL-KN	<b>416865<sup>2B</sup></b>
6975LA	JN-MN	<b>416476<sup>2B</sup></b>	6B1070	CATER	<b>480630<sup>2B</sup></b>	6L2P-7052BA	FORD	<b>710486</b>	7	BL-KN	<b>455070</b>
6975LA	JN-MN	<b>455075</b>	6B1073	CATER	<b>480630<sup>2B</sup></b>	6L2P-7052-CA	FORD	<b>710671</b>	700	UNIVE	<b>416239<sup>2B</sup></b>
697632	GMC	<b>370120A</b>	6B1156	CATER	<b>475384</b>	6L2P-7A248AA	FORD	<b>710484</b>	7000753	FORD	<b>471870<sup>2B</sup></b>
69780K	TRISL	<b>370057A</b>	6B1157	CATER	<b>450533</b>	6L2P-7B498-AA	FORD	<b>710780</b>	7000753	FORD	<b>471883</b>
69781K	TRISL	<b>370069A</b>	6B1310	CATER	<b>470074</b>	6L2Z-7052AA	FORD	<b>710487</b>	700077	CLARK	<b>416167<sup>2B</sup></b>
69781K	TRISL	<b>380069A</b>	6B1310	CATER	<b>474265</b>	6L2Z-7052BA	FORD	<b>710486</b>	700077	CLARK	<b>455091</b>
69782K	TRISL	<b>370121A</b>	6B14538	FORD	<b>471442<sup>2B</sup></b>	6L2Z-7052-CA	FORD	<b>710671</b>	700-1-260	TRMBL	<b>370036A</b>
69783K	TRISL	<b>370004A</b>	6B1890	CATER	<b>455144</b>	6L2Z-7A248AA	FORD	<b>710484</b>	700-1-260	TRMBL	<b>370349A</b>
69784K	TRISL	<b>370007A</b>	6B2576	CATER	<b>473227</b>	6L2Z-7B498-AA	FORD	<b>710780</b>	700-1-260L	TRMBL	<b>370036A</b>
69785K	TRISL	<b>370047A</b>	6B2789	CATER	<b>471224<sup>2B</sup></b>	6L34-7B215AA	FORD	<b>4333N</b>	700-1-260L	TRMBL	<b>370349A</b>
69786K	TRISL	<b>370169A</b>	6B305	ALLCH	<b>416888<sup>2B</sup></b>	6L34-7B215-BA	FORD	<b>4333N</b>	700-1-260T	TRMBL	<b>370036A</b>
69787K	TRISL	<b>370009A</b>	6B305	ALLCH	<b>455200</b>	6L3Z-7B215-A	FORD	<b>4333N</b>	700-1-260T	TRMBL	<b>370349A</b>
69787K	TRISL	<b>380009A</b>	6B3526	CATER	<b>450040</b>	6L4237	CATER	<b>472287<sup>2B</sup></b>	700-1-261B	TRMBL	<b>370020A</b>
69788K	TRISL	<b>370031A</b>	6B3679	CATER	<b>472554</b>	6L4944	CATER	<b>450069</b>	7001575	FORD	<b>415003</b>
69788K	TRISL	<b>380031A</b>	6B3679	CATER	<b>474276<sup>2B,29</sup></b>	6L4944	CATER	<b>473232</b>	7001575	FORD	<b>415458<sup>2B</sup></b>
69789K	TRISL	<b>370006A</b>	6B5333	CATER	<b>450082</b>	6L4951	CATER	<b>473224<sup>2B</sup></b>	70016	C-R	<b>416364<sup>2B</sup></b>
6979	C-R	<b>471579<sup>29</sup></b>	6B5333	CATER	<b>473238</b>	6L5027	CATER	<b>470163</b>	70016	SKF	<b>416364</b>
6979	SKF	<b>471579</b>	6B8238	CATER	<b>471255<sup>2B</sup></b>	6L5027	CATER	<b>471766<sup>2B</sup></b>	700263	WHITE	<b>370001A</b>
69790K	TRISL	<b>370036A</b>	6B9040	CATER	<b>472015<sup>2B</sup></b>	6L5124	CATER	<b>470954<sup>2B</sup></b>	700263	WHITE	<b>380001A</b>
69790K	TRISL	<b>370349A</b>	6B9130	CATER	<b>471787<sup>2B</sup></b>	6L5124	CATER	<b>480954</b>	700267	KOEH	<b>450494</b>
69790K	TRISL	<b>380036A</b>	6B9669	CATER	<b>472185<sup>2B</sup></b>	6L8Z-7H426-AA	FORD	<b>710971</b>	700267	KOEH	<b>472164<sup>2B</sup></b>
69791	CUMMI	<b>474276<sup>2B</sup></b>	6BD273	IH	<b>415147</b>	6M029302	MACK	<b>321516</b>	70028	C-R	<b>417597<sup>29</sup></b>
69791K	TRISL	<b>370021A</b>	6BD273	IH	<b>415449<sup>2B</sup></b>	6M029302	MACK	<b>471516<sup>2B</sup></b>	70028	SKF	<b>417597</b>
69792K	TRISL	<b>370019A</b>	6BX6700	FORD	<b>41787S</b>	6M5G-6700-BA	FORD	<b>711002</b>	7003	C-R	<b>710222</b>
69793K	TRISL	<b>370022A</b>	6C24-1S175AA	FORD	<b>710586</b>	6MO19303	MACK	<b>471795</b>	7003	SKF	<b>710222</b>
69793K	TRISL	<b>380022A</b>	6C2Z-1S175A	FORD	<b>710586</b>	6MO29302	MACK	<b>321516</b>	70030504	FI-AL	<b>471567<sup>2B</sup></b>
69794K	TRISL	<b>370023A</b>	6E51-7A248-AA	FORD	<b>710539</b>	6MO29302	MACK	<b>471516<sup>2B</sup></b>	70033146	FI-AL	<b>473238<sup>2B</sup></b>
69794K	TRISL	<b>380023A</b>	6E51-7H260AA	FORD	<b>710590</b>	6-PS221	C-P	<b>450389</b>	700331462	FI-AL	<b>473238<sup>2B</sup></b>
69795K	TRISL	<b>370030A</b>	6E53-7H260AA	FORD	<b>710590</b>	6-PS221	C-P	<b>472492<sup>2B</sup></b>	70034	AM WH	<b>450118</b>
69797K	TRISL	<b>370019A</b>	6E53-7J216-AA	FORD	<b>710590</b>	6-SPC22	NOVO	<b>450183</b>	70034	AM WH	<b>473449</b>
69798K	TRISL	<b>370005A</b>	6E53-7J216-BA	FORD	<b>710700</b>	6-SPC22	NOVO	<b>472179</b>	70034	C-R	<b>417255</b>
69799K	TRISL	<b>370003A</b>	6E5Z-1177-A	FORD	<b>710590</b>	6U0-598-625	AUDI	<b>1962</b>	70034	SKF	<b>417255</b>
69799K	TRISL	<b>380003A</b>	6E5Z-1177C	FORD	<b>710590</b>	6U0-598-625	VW	<b>1962</b>	70037676	FI-AL	<b>450083</b>
698028	WHITE	<b>370023A</b>	6E5Z-1177-D	FORD	<b>710590</b>	6V1603	CATER	<b>340827</b>	70037676	FI-AL	<b>472924<sup>2B</sup></b>
698028	WHITE	<b>380023A</b>	6E5Z-1177-E	FORD	<b>710700</b>	6V1899	CATER	<b>470163V</b>	70037764	AA&M	<b>710548</b>
698318R91	IH	<b>471689<sup>2B</sup></b>	6E5Z-7A248-B	FORD	<b>710539</b>	6V3365	CATER	<b>471466V</b>	7004	C-R	<b>221820</b>
698444R91	IH	<b>370036A</b>	6EQX4676	FORD	<b>410101N</b>	6V3382	CATER	<b>473468</b>	7004	SKF	<b>221820</b>
698444R91	NAVST	<b>370349A</b>	6F1011	MTR-C	<b>343185</b>	6V3988	CATER	<b>470567N</b>	70043570	FI-AL	<b>450273</b>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
70044120	FI-AL	470074	700850	UNIVE	416239 <sup>28</sup>	70198908	FI-AL	415725 <sup>28</sup>	70401179	FI-AL	472016 <sup>28</sup>
70044120	FI-AL	474265	7009	C-R	18X32X8 <sup>28</sup>	702	EBARR	370025A	7040LA	JN-MN	455195
70044741	FI-AL	471763	7009	C-R	221830	702	UNIVE	416077	7040LA	JN-MN	472157 <sup>28</sup>
70048703	FI-AL	415449 <sup>28</sup>	7009	SKF	18X32X8	70218284	FI-AL	415960 <sup>28</sup>	7040LUP	JN-MN	455195
70048703	FI-AL	455147	7009	SKF	221830	70218284	FI-AL	455009	7040LUP	JN-MN	472157 <sup>28</sup>
70048720	FI-AL	471785 <sup>28</sup>	70090655	FI-AL	471224 <sup>28</sup>	7022	AT SU	7022S	7042LPD	JN-MN	417262 <sup>28</sup>
7005	C-R	18X32X8 <sup>28</sup>	70096761	FI-AL	450352	70229966	FI-AL	472185 <sup>28</sup>	7042LPD	JN-MN	455448
7005	C-R	221830	70096761	FI-AL	472164 <sup>28</sup>	7022S	TIMKE	7022S	7042LUP	JN-MN	417262 <sup>28</sup>
7005	SKF	18X32X8	70099	C-R	415876	7023	C-R	18X32X8	7042LUP	JN-MN	455448
7005	SKF	221830	70099	SKF	415876	7023	C-R	221830	7042S	NATL	416892 <sup>28</sup>
70050420	TROS	370006A	701	EBARR	370065A	7023	JN-MN	370065A	7043014A	KRSE	471765 <sup>28</sup>
70051145	FI-AL	417205 <sup>28</sup>	7010513A	HARWA	70X105X13	7023	JN-MN	376590A	70430-16A	KRSE	471870 <sup>28</sup>
70052	C-R	416239 <sup>28</sup>	70107	CUMMI	40162S	7023	SKF	18X32X8	70430-16A	KRSE	471883
70052	SKF	416239	701115M1	MASSE	50266	7023	SKF	221830	704303	GMC	370057A
70052115	FI-AL	417247 <sup>28</sup>	701119	WILYS	5778	70234013	FI-AL	473245 <sup>28</sup>	7044139	FT-WA	473237 <sup>28</sup>
70052115	FIAT	417247 <sup>28</sup>	7011LA	JN-MN	470347	70235312	FI-AL	417344 <sup>28</sup>	7044NA	TIMKE	7044NA
70052176	FI-AL	455035N	7011LA	JN-MN	474254	70236065	FI-AL	470163	70462H	IH	350414
700524	CABOT	416666	7011LUP	JN-MN	470347	70236065	FI-AL	471766 <sup>28</sup>	70462H	IH	472311 <sup>28</sup>
700524	GR-DV	416666	7011LUP	JN-MN	474254	70241D	IH	471192	704636	CLARK	455005
70052662	FI-AL	240735	7012	C-R	221820	70242D	IH	472439	70463H	IH	323138 <sup>28</sup>
70053	C-R	416239 <sup>28</sup>	7012	JN-MN	370037A	70243D	IH	450115	70464H	IH	474278 <sup>28</sup>
70053	SKF	416239	7012	JN-MN	370338A	70243D	IH	473467	70464H	IH	480356
700532X20	TROS	370006A	7012	SKF	221820	70244961	FI-AL	473215 <sup>28</sup>	70465H	IH	474276 <sup>28</sup>
70053517	FI-AL	417205 <sup>28</sup>	701224	GMC	370019A	70246926	FI-AL	471268N	70466H	IH	450400
70053670	FI-AL	417316 <sup>28</sup>	701225	GMC	370021A	70250857	FI-AL	200851	7047LA	JN-MN	473224 <sup>28</sup>
70053670	FI-AL	455004	701226	ACDEL	370005A	70258D	IH	450082	704813	FORD	450154
70053927	FI-AL	240733	701226	GMC	370005A	70258D	IH	473238	704813	FORD	473234
70054295	FI-AL	411394 <sup>28</sup>	701241A	ALLCH	471442 <sup>28</sup>	702595	CHECK	203006 <sup>28</sup>	704862	UNIVE	416077
70054295	FI-AL	450317	701241A	WAUKE	471442 <sup>28</sup>	70259D	IH	470059	704863	MICH	416077
70054815	TROS	416666	7013	JN-MN	370036A	70259D	IH	470380 <sup>28</sup>	7048LPD	JN-MN	473233 <sup>28</sup>
70059947	FI-AL	470898	7013	JN-MN	370349A	70267244-5	DAF	228009	704925	GMC	370003A
7006	C-R	710156	7013S	TIMKE	7013S	7027LA	JN-MN	415082 <sup>29</sup>	704925	GMC	380003A
7006	SKF	710156	701400	MECH	370150A	702.994	ELRNG	229005	704VB7	MARI	415116
700603002	FI-AL	470045	70140408	FI-AL	470530 <sup>28</sup>	702VB7	MARI	416239 <sup>28</sup>	705	EBARR	370048A
700603002	FI-AL	476838 <sup>28</sup>	701463-1	SPICE	415991	703	EBARR	370023A	70506	AM WH	450301
70064302	FI-AL	450095	701463-1	SPICE	455146 <sup>28</sup>	703011	SPICE	100712V	70506	AM WH	472397 <sup>28</sup>
70064302	FI-AL	473464 <sup>28</sup>	701463-2	SPICE	417366 <sup>28</sup>	70302	CHECK	200354	705216	GMC	6712NA
70066309	FI-AL	455018	7014LA	JN-MN	455032 <sup>28</sup>	703078	GMC	416273	70522	CUMMI	2291
70066309	FI-AL	476470	7014S	TIMKE	7014S	70313	CONCA	450117	705339C1	IH	416071
70067913	FI-AL	471820	7015	C-R	18X35X7	70313	CONCA	472572 <sup>28</sup>	705362C1	IH	415023
70067914	FI-AL	470169	7015	SKF	18X35X7	7031LUP	JN-MN	470074	705399C1	IH	416071
70067914	FI-AL	473214 <sup>28</sup>	7015LA	JN-MN	455022	7031LUP	JN-MN	474265	705400	MECH	370001A
70068513	FI-AL	472144 <sup>28</sup>	70164368	FI-AL	327303 <sup>28</sup>	7032LA	JN-MN	471705 <sup>28</sup>	705400	MECH	380001A
7007	C-R	710154	701679	GMC	370005A	7032S	NATL	410059	705400	MID	380001A
7007	JN-MN	370025A	70169	CUMMI	473016 <sup>28</sup>	7032S	NATL	470380 <sup>28</sup>	7054LUP	JN-MN	470712 <sup>28</sup>
7007	SKF	710154	7016SS	JN-MN	350364	70337	ALLCH	481163 <sup>28</sup>	705762	GMC	370057A
70073	CUMMI	417486	70171	C-R	JV701	7033LA	JN-MN	470548	7057S	NATL	3103 <sup>28</sup>
70074961	FI-AL	412040	70171	SKF	JV701	7033LA	JN-MN	470625 <sup>28</sup>	705VB7	MARI	415551
70074962	FI-AL	450365	70173735	FI-AL	415991	7033LUP	JN-MN	470625 <sup>28</sup>	70603007	FI-AL	471795
70074962	FI-AL	470898 <sup>28</sup>	70179177	FI-AL	455655 <sup>28</sup>	7034LA	JN-MN	470954 <sup>28</sup>	70603462	FI-AL	473016 <sup>28</sup>
70075767	FI-AL	450365	70179643	FI-AL	415023	703587	OPEL	710543	706.035	ELRNG	224255
70075767	FI-AL	470898 <sup>28</sup>	70179737	FI-AL	352541	703591	FORD	323138 <sup>28</sup>	70604973	FI-AL	416888 <sup>28</sup>
70075978	FI-AL	471276	70180612	FI-AL	415683	703628	OPEL	221207	70604973	FI-AL	455200
70078329	FI-AL	471689 <sup>28</sup>	70181937	FI-AL	416865 <sup>28</sup>	7036R	JN-MN	456105	70605093	FI-AL	450311
70078593	FI-AL	416167 <sup>28</sup>	70194679	FI-AL	476424N	703752	CHECK	8871	70611761	FI-AL	455035N
70079276	FI-AL	6703S	70196298	FI-AL	415142	7037SS	JN-MN	350435	70611763	FI-AL	415254
70080	C-R	416239 <sup>28,29</sup>	70196495	FI-AL	416339	7038SA	TIMKE	7038SA	70611765	FI-AL	415035 <sup>28</sup>
70080	SKF	416239	70196496	FI-AL	415867	703VB7	MARI	415116	70611765	FI-AL	455035
70082179	FI-AL	200640	70198477	FI-AL	416282	704	EBARR	370001A	706153	GMC	481181 <sup>28</sup>
700850	MICH	416239 <sup>28</sup>	70198578	FI-AL	415234 <sup>28</sup>	704	UNIVE	415116	706153	GMC	481181N

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
706165	WILYS	416738 <sup>2B</sup>	70668033	FI-AL	340771	708566	MIXMO	473467	70X92X12SC	TRSCM	70X92X12
706165	WILYS	450096	70669846	FI-AL	413246	70856TA	TRSCM	416239 <sup>2B</sup>	70X92X12TC	TRSCM	70X92X12
70618662	FI-AL	470954 <sup>2B</sup>	70669846	FI-AL	413246N	708573	MIXMO	474274	71	WGEAR	415984 <sup>2B</sup>
70618662	FI-AL	480954	70669847	FI-AL	471529	708575	MIXMO	410308 <sup>2B</sup>	710	EBARR	370022A
70619888	FI-AL	450183	70670186	FI-AL	415281N	708575	MIXMO	450308	710	UNIVE	417598
70619888	FI-AL	472179	70676141	FI-AL	JX1190	708583	MIXMO	352541	710005	TIMKE	710005
70619890	FI-AL	416891 <sup>2B</sup>	706765	GMC	370030A	708590	MIXMO	415041	710006	TIMKE	710006
70619900	FI-AL	471138 <sup>2B</sup>	70677188	FI-AL	471787 <sup>2B</sup>	708600	MIXMO	415483 <sup>2B</sup>	71000600	AJUSA	710617
7062	GARLK	240736	70680622	FI-AL	470596	708600	MIXMO	455368	710008	TIMKE	710008
70620784	FI-AL	450194	70684807	FI-AL	J1278 <sup>29</sup>	708606	MIXMO	415437	710009	CLARK	416154 <sup>2B</sup>
70620784	FI-AL	473010	70696317	FI-AL	415234 <sup>2B</sup>	708612	MIXMO	450177	71001100	AJUSA	710812
70620871	FI-AL	470358	70699928	FI-AL	450519	708643	GMC	416297	710013	TIMKE	710013
70620871	FI-AL	473231 <sup>2B</sup>	70699928	FI-AL	471271 <sup>2B</sup>	708725	GMC	351267	710014	TIMKE	710014
70623823	FI-AL	410316	706VB7	MARI	470120	708725	GMC	471267 <sup>2B</sup>	710019	TIMKE	710019
70623823	FI-AL	472636 <sup>2B</sup>	706VB7	MARI	471224 <sup>2B</sup>	708790	GMC	418028	710022	TIMKE	710022
70624650	FI-AL	451817	7070	C-R	18X38X7	708790	GMC	455137 <sup>2B</sup>	710023	TIMKE	710023
70624653	FI-AL	411376 <sup>2B</sup>	7070	SKF	18X38X7	7087R	JN-MN	415219	710024	TIMKE	710024
70628357	FI-AL	415991 <sup>2B</sup>	707004	OPEL	710889	708808XX	TIMKE	70X88X8	710025	TIMKE	710025
70628357	FI-AL	415991N	70703	ALLCH	240319	7088221	VAUXH	471787 <sup>2B</sup>	710026	TIMKE	710026
70628485	FI-AL	415098N	707237	WILYS	340797	708875	MICH	415116	710027	TIMKE	710027
70628823	FI-AL	410316	7073553	ELGIN	370048A	708875	UNIVE	415116	710028	TIMKE	710028
70628823	FI-AL	472636 <sup>2B</sup>	7073LA	JN-MN	470358	7089	C-R	710412	71002800	AJUSA	710759
70628894	FI-AL	415379	7073LA	JN-MN	473231	7089	SKF	710412	71002900	AJUSA	710759
70628940	FI-AL	415304	7073LUP	JN-MN	470358	70894	CUMMI	451147H	710030	TIMKE	710030
70628940	FI-AL	476470 <sup>2B</sup>	7073LUP	JN-MN	473231	709	EBARR	370003A	710033	NATL	710027
70628941	FI-AL	415147	707414	WILYS	474278 <sup>2B</sup>	709007XX	TIMKE	70X90X7	710034	TIMKE	710034
70628941	FI-AL	415449 <sup>2B</sup>	707414	WILYS	480356	709010XX	TIMKE	70X90X10	71003600	AJUSA	710812
70629040	FI-AL	415004	7074R	JN-MN	417211 <sup>2B</sup>	709212XX	TIMKE	70X92X12	71003700	AJUSA	710600
70629040	FI-AL	417316 <sup>2B</sup>	707533-6	IH	J1128	70927023	FI-AL	6988H	710038	TIMKE	710038
70632608	FI-AL	471413V	70761	CUMMI	350954	70927283	FI-AL	417474	710041	TIMKE	710041
70633630	FI-AL	450095	70761	CUMMI	470954 <sup>2B</sup>	70928058	FI-AL	417247 <sup>2B</sup>	710043	TIMKE	710043
70633630	FI-AL	473464 <sup>2B</sup>	7076270	WHITE	370001A	70928436	FI-AL	415854	710044	TIMKE	710044
70634005	FI-AL	471765 <sup>2B</sup>	7076270	WHITE	380001A	7093974	SAAB	239146	710045	TIMKE	710045
70634037	FI-AL	417344 <sup>2B</sup>	707821	WILYS	8160S	7093974	SAAB	38X54X7 <sup>2B</sup>	710046	TIMKE	710046
70634037	FI-AL	455006	7 07 922	OPEL	710699	709400	MECH	370012A	71004911	FI-AL	471267 <sup>2B</sup>
70634519	FI-AL	417269 <sup>2B</sup>	7079387	SAAB	1209	709446	MIXMO	455186	710050	NATL	712011
70635778	FI-AL	415013	707943	MIXMO	474278 <sup>2B</sup>	709840C1	IH	417172	710051	TIMKE	710051
70635778	FI-AL	415995 <sup>2B</sup>	707943	MIXMO	480356	709928	GMC	471570 <sup>2B</sup>	71005117	FI-AL	415248N
706400	MECH	370048A	707963	MIXMO	6597S	709VB7	GR-DV	416364 <sup>2B</sup>	710054	NATL	3622
706400	MECH	370182A	707973	WILYS	472560N <sup>2B</sup>	70HM6700A1A	FORD	473560N	71005400	AJUSA	710811
706400	MECH	380048A	707973	WILYS	50151S	70X10010XX	TIMKE	70X100X10	710055	TW-CO	450352
706400	MID	370048A	7079LA	JN-MN	470954 <sup>2B</sup>	70X10013XX	TIMKE	70X100X13	710055	TW-CO	472164 <sup>2B</sup>
706400	MID	370182A	707VB7	MARI	455121	70X100X10	TIMKE	70X100X10	710056	TIMKE	710056
706400	MID	380048A	708	EBARR	370036A	70X100X13	TIMKE	70X100X13	71005600	AJUSA	710449
70643560	FI-AL	471267 <sup>2B</sup>	708	UNIVE	415551	70X100X13SC	TRSCM	70X100X13	710057	TIMKE	710057
706463-1	SPICE	455018	70805	C-R	180X210X15	70X100X13TC	TRSCM	70X100X13	710058	TIMKE	710058
706463-1	SPICE	476470	70805	SKF	180X210X15	70X10507XX	TIMKE	70X105X7	710060	TIMKE	710060
70648620	FI-AL	416345 <sup>2B</sup>	70826TA	TRSCM	417597	70X10513XX	TIMKE	70X105X13	710062	TIMKE	710062
70648620	FI-AL	455033	708400	MECH	370007A	70X105X13	SIMRT	70X105X13	71006200	AJUSA	710787
70649266	FI-AL	415995V	708463-1	SPICE	473215 <sup>2B</sup>	70X85X8	TIMKE	70X85X8	710064	NATL	225220
7064S	NATL	330663	708508XX	TIMKE	70X85X8	70X85X8SC	TRSCM	70X85X8	710065	TIMKE	710065
7064S	NATL	472354 <sup>2B</sup>	708510	GMC	410972N	70X85X8TC	TRSCM	70X85X8	710067	TIMKE	710067
70650577	FI-AL	471529	708511	GMC	412038N	70X88X8	TIMKE	70X88X8	710068	TIMKE	710068
70651299	FI-AL	415483	708551	MIXMO	5751	70X88X8SC	TRSCM	70X88X8 <sup>2B</sup>	710069	TIMKE	710069
70652662	FI-AL	240735	708556	MIXMO	471192	70X88X8TC	TRSCM	70X88X8 <sup>2B</sup>	710070	TIMKE	710070
70654805	FI-AL	417355 <sup>2B</sup>	70855610	TROS	416476 <sup>2B</sup>	70X90X10	TIMKE	70X90X10	710071	TIMKE	710071
7065480501	FI-AL	417355 <sup>2B</sup>	70855610	TROS	455075	70X90X10SC	TRSCM	70X90X10	710071000	JA-HE	416666
70657582	FI-AL	416921 <sup>2B</sup>	708558	MIXMO	450084 <sup>2B</sup>	28			710072	TIMKE	710072
70658114	FI-AL	415147N	708559	MIXMO	473215 <sup>2B</sup>	70X90X10TC	TRSCM	70X90X10	710073	TIMKE	710073
70658942	FI-AL	416470N	708566	MIXMO	450115	28			710075	TIMKE	710075

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
710076	TIMKE	710076	710148	WILYS	416738 <sup>28</sup>	710230	TIMKE	710230	710308	TIMKE	710308
710077	TIMKE	710077	710148	WILYS	450096	710231	TIMKE	710231	710309	TIMKE	710309
710078	TIMKE	710078	710150	TIMKE	710150	710232	TIMKE	710232	710310	TIMKE	710310
71007900	AJUSA	710882	710151	TIMKE	710151	710233	TIMKE	710233	710311	TIMKE	710311
710080	TIMKE	710080	710153	TIMKE	710153	710234	TIMKE	710234	710312	TIMKE	710312
710081	TIMKE	710081	710154	TIMKE	710154	710235	TIMKE	710235	710313	TIMKE	710313
710084	TIMKE	710084	710156	TIMKE	710156	710236	TIMKE	710236	710314	TIMKE	710314
710085	TIMKE	710085	710157	TIMKE	710157	710237	TIMKE	710237	710315	TIMKE	710315
710086	TIMKE	710086	710159	TIMKE	710159	710239	TIMKE	710239	710316	TIMKE	710316
710087	TIMKE	710087	710160	TIMKE	710160	710240	TIMKE	710240	710317	TIMKE	710317
710088	TIMKE	710088	710161	TIMKE	710161	710241	TIMKE	710241	710318	TIMKE	710318
710089	TIMKE	710089	710162	TIMKE	710162	710245	TIMKE	710245	710319	TIMKE	710319
710091	TIMKE	710091	710163	TIMKE	710163	710246	TIMKE	710246	710320	TIMKE	710320
710092	TIMKE	710092	710164	TIMKE	710164	710247	TIMKE	710247	710323	TIMKE	710323
710093	TIMKE	710093	710166	TIMKE	710166	710248	TIMKE	710248	710324	TIMKE	710324
710094	TIMKE	710094	710167	TIMKE	710167	710250	TIMKE	710250	710325	TIMKE	710325
710095	TIMKE	710095	710168	TIMKE	710168	710251	TIMKE	710251	710329	TIMKE	710329
710096	TIMKE	710096	710169	TIMKE	710169	710252	TIMKE	710252	710330	TIMKE	710330
710097	TIMKE	710097	710170	TIMKE	710170	710253	TIMKE	710253	710331	TIMKE	710331
710098	TIMKE	710098	710171	TIMKE	710171	710254	TIMKE	710254	710332	TIMKE	710332
71009800	AJUSA	223750	710172	TIMKE	710172	710255	TIMKE	710255	710334	TIMKE	710334
710101	TIMKE	710101	710173	TIMKE	710173	710258	TIMKE	710258	710336	TIMKE	710336
710103	TIMKE	710103	710175	TIMKE	710175	710259	TIMKE	710259	710337	TIMKE	710337
710105	TIMKE	710105	710176	TIMKE	710176	710261	TIMKE	710261	710338	TIMKE	710338
710106	TIMKE	710106	710178	TIMKE	710178	710262	TIMKE	710262	710343	TIMKE	710343
710107	TIMKE	710107	710179	TIMKE	710179	710263	TIMKE	710263	710345	TIMKE	710345
710108	TIMKE	710108	710180	TIMKE	710180	710264	TIMKE	710264	710352	TIMKE	710352
710109	TIMKE	710109	710182	TIMKE	710182	710265	TIMKE	710265	710354	TIMKE	710354
710110	TIMKE	710110	710183	TIMKE	710183	710266	TIMKE	710266	710355	TIMKE	710355
710112	TIMKE	710112	710187	TIMKE	710187	710268	TIMKE	710268	710356	TIMKE	710356
710113	TIMKE	710113	710188	TIMKE	710188	710271	TIMKE	710271	710357	TIMKE	710357
710114	TIMKE	710114	710189	TIMKE	710189	710272	TIMKE	710272	710360	GMC	370019A
710115	TIMKE	710115	710190	TIMKE	710190	710274	TIMKE	710274	710361	TIMKE	710361
710116	TIMKE	710116	710191	TIMKE	710191	710275	TIMKE	710275	710363	TIMKE	710363
710117	TIMKE	710117	710192	TIMKE	710192	710277	TIMKE	710277	710365	TIMKE	710365
710118	TIMKE	710118	710193	TIMKE	710193	710278	TIMKE	710278	710368	TIMKE	710421
710119	TIMKE	710119	710194	TIMKE	710194	710279	TIMKE	710279	710369	TIMKE	710369
710120	TIMKE	710120	710195	TIMKE	710195	710281	TIMKE	710281	710371	TIMKE	710371
710121	TIMKE	710121	710196	TIMKE	710196	710282	TIMKE	710282	710373	TIMKE	710373
710122	TIMKE	710122	710197	TIMKE	710197	710283	TIMKE	710283	710380	TIMKE	710556
710123	TIMKE	710123	710198	TIMKE	710198	710285	TIMKE	710285	710383	TIMKE	710383
710124	TIMKE	710124	710199	TIMKE	710199	710286	TIMKE	710286	710384	TIMKE	710384
710125	TIMKE	710125	710202	TIMKE	710202	710287	TIMKE	710287	710385	TIMKE	710385
710127	TIMKE	710127	710204	TIMKE	710204	710288	TIMKE	710288	710387	TIMKE	710387
710128	TIMKE	710128	710207	TIMKE	710207	710289	TIMKE	710289	710388	TIMKE	710388
710130	TIMKE	710130	710208	TIMKE	710208	710290	TIMKE	710290	710389	TIMKE	710389
710132	TIMKE	710132	710211	TIMKE	710211	710292	TIMKE	710292	710392	TIMKE	710392
710133	TIMKE	710133	710213	TIMKE	710213	710293	TIMKE	710293	710393	TIMKE	710393
710134	TIMKE	710134	710214	TIMKE	710214	710295	TIMKE	710295	710394	TIMKE	710394
710136	TIMKE	710136	710215	TIMKE	710215	710296	TIMKE	710296	710396	TIMKE	710396
710137	TIMKE	710137	710217	TIMKE	710217	710297	TIMKE	710297	710397	TIMKE	710397
710138	TIMKE	710138	710218	TIMKE	710218	710298	TIMKE	710298	710398	TIMKE	710398
710139	TIMKE	710139	710220	TIMKE	710220	710299	TIMKE	710299	710399	TIMKE	710399
710141	TIMKE	710141	710221	TIMKE	710221	710300	TIMKE	710300	710400	MECH	370018A
710142	TIMKE	710142	710222	TIMKE	710222	710301	TIMKE	710301	710401	TIMKE	710401
710143	TIMKE	710143	710223	TIMKE	710223	710302	TIMKE	710302	710403	TIMKE	710403
710144	TIMKE	710144	710225	TIMKE	710225	710303	TIMKE	710303	710404	TIMKE	710404
710146	TIMKE	710146	710226	TIMKE	710226	710304	TIMKE	710304	710405	TIMKE	710405
710147	TIMKE	710147	710227	TIMKE	710227	710305	TIMKE	710305	710406	TIMKE	710406
710148	TIMKE	710148	710228	TIMKE	710228	710306	TIMKE	710306	710407	TIMKE	710407

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
710409	TIMKE	710409	710485	TIMKE	710485	710559	TIMKE	710867	710661	TIMKE	710661
710410	TIMKE	710518	710486	TIMKE	710486	710561	TIMKE	710561	710662	TIMKE	710662
710411	TIMKE	710458	710487	TIMKE	710487	710562	TIMKE	710562	710663	TIMKE	710663
710412	TIMKE	710412	710489	TIMKE	710489	710563	TIMKE	710563	710664	TIMKE	710664
710413	TIMKE	710413	710491	TIMKE	710491	710564	TIMKE	710564	710665	TIMKE	710665
710414	TIMKE	710414	710492	TIMKE	710492	710565	TIMKE	710565	710667	TIMKE	710667
710415	TIMKE	710415	710493	TIMKE	710493	710566	TIMKE	710566	710669	TIMKE	710669
710416	TIMKE	710416	710494	TIMKE	710494	710567	TIMKE	710567	710676	TIMKE	710676
710418	TIMKE	710418	710495	TIMKE	710495	710569	TIMKE	710569	710679	TIMKE	710679
710419	TIMKE	710419	710496	TIMKE	710496	710570	TIMKE	710570	710681	TIMKE	710681
710424	TIMKE	710424	710497	TIMKE	710497	710571	TIMKE	710571	710685	TIMKE	710685
710425	TIMKE	710425	710499	TIMKE	710869	710573	TIMKE	710573	710688	TIMKE	710688
710426	TIMKE	710426	710501	TIMKE	710501	710576	TIMKE	710576	710689	TIMKE	710689
710428	TIMKE	710428	710502	TIMKE	710502	710577	TIMKE	710577	710690	TIMKE	710690
710429	TIMKE	710429	710504	TIMKE	710504	710582	TIMKE	710582	710692	TIMKE	710692
710430	TIMKE	710430	710505	TIMKE	710505	710583	TIMKE	710583	710693	TIMKE	710693
710431	TIMKE	710431	710506	TIMKE	710506	710584	TIMKE	710584	710695	CLARK	455026
710436	TIMKE	710436	710507	TIMKE	710507	710585	TIMKE	710585	710700	TIMKE	710700
710437	TIMKE	710437	710508	TIMKE	710508	710586	TIMKE	710586	710701	TIMKE	710701
710439	TIMKE	710439	710511	TIMKE	710511	710587	TIMKE	710587	710707	TIMKE	710707
710441	TIMKE	710441	710512	TIMKE	710512	710588	TIMKE	710588	710715	TIMKE	710715
710442	TIMKE	710442	710515	TIMKE	1108	710589	TIMKE	710589	710716	TIMKE	710716
710443	TIMKE	710808	710516	TIMKE	710516	710590	TIMKE	710590	710717	TIMKE	710717
710444	TIMKE	710444	710517	TIMKE	710517	710595	TIMKE	710595	710731	TIMKE	710731
710445	TIMKE	710445	710519	TIMKE	710519	710596	TIMKE	710596	710732	TIMKE	710732
710446	TIMKE	710446	710520	TIMKE	710520	710597	TIMKE	710597	710733	TIMKE	710733
710447	TIMKE	710447	710521	TIMKE	710521	7105S	TIMKE	7105S	710736	TIMKE	710736
710449	TIMKE	710449	710522	TIMKE	710522	710600	TIMKE	710600	710737	TIMKE	710737
710450	TIMKE	710450	710523	TIMKE	710523	710601	TIMKE	710601	710738	TIMKE	710738
710451	TIMKE	710451	710524	TIMKE	710524	710605	TIMKE	710605	710740	TIMKE	710740
710452	TIMKE	710452	710525	TIMKE	710525	710607	TIMKE	710607	710761	TIMKE	710761
710453	TIMKE	710453	710526	TIMKE	710526	710608	TIMKE	710608	710764	TIMKE	710764
710454	TIMKE	710454	710527	TIMKE	710527	710610	TIMKE	710610	710767	TIMKE	710767
710455	TIMKE	710455	710528	TIMKE	710528	710611	TIMKE	710611	710768	TIMKE	710768
710456	TIMKE	710456	710529	TIMKE	710529	710614	TIMKE	710614	710776	TIMKE	710776
710459	TIMKE	710459	710530	TIMKE	710530	710618	TIMKE	710618	710785	TIMKE	710785
710461	TIMKE	710461	710531	TIMKE	710531	710621	TIMKE	710621	710790	TIMKE	710790
710462	TIMKE	710462	710532	TIMKE	710532	710626	TIMKE	710626	7107LA	JN-MN	415066 <sup>29</sup>
710463	TIMKE	710463	710533	TIMKE	710533	710627	TIMKE	710627	710802	CLARK	416888 <sup>28</sup>
710463-1	SPICE	410316	710535	TIMKE	710535	710628	TIMKE	710628	710802	CLARK	455200
710463-1	SPICE	472636 <sup>28</sup>	710536	GMC	370018A	710629	TIMKE	710629	710805	CLARK	415437 <sup>28</sup>
710464	TIMKE	710464	710536	TIMKE	710536	710630	TIMKE	710630	710805	CLARK	455173
710465	TIMKE	710465	710537	TIMKE	710537	710631	TIMKE	710631	710811	TIMKE	710811
710466	TIMKE	710466	710538	TIMKE	710538	710632	TIMKE	710632	710818	TIMKE	710818
710467	TIMKE	710467	710539	TIMKE	710539	710633	TIMKE	710633	710822	TIMKE	710822
710468	TIMKE	710468	710540	TIMKE	710540	710634	TIMKE	710634	710823	TIMKE	710823
710469	TIMKE	710469	710543	TIMKE	710543	710636	TIMKE	710636	710900	TIMKE	710900
710471	TIMKE	710471	710544	TIMKE	710544	710637	TIMKE	710637	710928	TIMKE	710928
710472	TIMKE	710472	710545	TIMKE	710545	710640	TIMKE	710640	710939	WILYS	416738 <sup>28</sup>
710473	TIMKE	710473	710546	TIMKE	710546	710641	TIMKE	710641	710939	WILYS	450096
710474	TIMKE	710474	710547	TIMKE	710547	710642	TIMKE	710642	710983	CLARK	416865 <sup>28</sup>
710475	TIMKE	710648	710548	TIMKE	710548	710644	TIMKE	710644	710983	CLARK	455070
710476	TIMKE	710476	710549	TIMKE	710549	710648	TIMKE	710648	710984	CLARK	417134
710477	TIMKE	710477	710550	TIMKE	710550	710649	TIMKE	710649	710985	CLARK	415150 <sup>28</sup>
710478	TIMKE	710478	710551	TIMKE	710551	710652	TIMKE	710652	7109LA	JN-MN	40769S
710479	TIMKE	710479	710553	TIMKE	710553	710653	TIMKE	710653	711000	TIMKE	711000
710480	TIMKE	710480	710554	TIMKE	710554	710654	TIMKE	710654	71102	AM WH	470062
710481	TIMKE	710481	710555	TIMKE	710555	710655	TIMKE	710655	71102	AM WH	474264
710482	TIMKE	710482	710557	TIMKE	710557	710659	TIMKE	710659	711035	WOOL	416865 <sup>28</sup>
710484	TIMKE	710484	710558	TIMKE	710558	710660	TIMKE	710660	711035	WOOL	455070

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
7110LA	JN-MN	415458 <sup>28</sup>	712260	TIMKE	712260	714436	TIMKE	714436	71558	CROWN	472311 <sup>28</sup>
7110LA	JN-MN	455003	712270	TIMKE	712270	714470	TIMKE	714470	715707	WHITE	410085
7110LUP	JN-MN	415458 <sup>28</sup>	7123300	L&S	493637	7144LPD	JN-MN	417539 <sup>28,29</sup>	715707	WHITE	470530 <sup>28</sup>
7110LUP	JN-MN	455003	712375	TIMKE	712375	714503	TIMKE	714503	715767	WHITE	410085
711181	TIMKE	711181	712397	GMC	450095	714512	TIMKE	714512	715767	WHITE	470530 <sup>28</sup>
7112	FULLE	471686	712397	GMC	473464 <sup>28</sup>	714550	WHITE	470027	7158RPD	JN-MN	471466 <sup>28</sup>
7112LA	JN-MN	415645 <sup>28</sup>	7124003	L&S	4160	714550	WHITE	471554 <sup>28</sup>	71597C91	IH	452222 <sup>28</sup>
7112LA	JN-MN	455104	712449	TIMKE	712449	714558	NATL	4795V	7160	ALLCH	450083
7112LUP	JN-MN	415645 <sup>28</sup>	71245	C-R	416077	714559	NATL	4795V	7160	ALLCH	472924 <sup>28</sup>
7113LA	JN-MN	416891 <sup>28</sup>	71245	SKF	416077	714569	TIMKE	714569	7160	TRAC	450083
7114775	L&S	3357	712511	TIMKE	712511	714579C1	IH	JX1190	7160	TRAC	472924 <sup>28</sup>
7114978	L&S	7692S	712551	TIMKE	712551	714599	WHITE	417484N	71607XX	TIMKE	7X16X7
711535	SPERY	473239 <sup>28</sup>	712598S	TIMKE	712598	714599	WHITE	475322N	716102	TIMKE	716102
711552	TIMKE	711552	712625	TIMKE	712625	7145LPD	JN-MN	416892 <sup>28</sup>	716122	GMC	370048A
711553	TIMKE	711553	712692	TIMKE	712692	7145LUP	JN-MN	416892 <sup>28</sup>	716122	GMC	370182A
7116032	L&S	1950	712750	TIMKE	712750	714616	TIMKE	714616	716122	GMC	380048A
7116725	L&S	7300S	712831	GMC	370009A	7146310	SPICE	412473 <sup>28</sup>	7162	BORGW	450362
7116LA	JN-MN	470120	712831	GMC	380009A	7146310	SPICE	415894	716445	TIMKE	3698
7116LA	JN-MN	471224 <sup>28</sup>	712832	GMC	370012A	7146311	SPICE	415995 <sup>28</sup>	716484	TIMKE	716484
7116LUP	JN-MN	470120	712833	GMC	370018A	7146311	SPICE	455013	7165RPD	JN-MN	415066
7116LUP	JN-MN	471224 <sup>28</sup>	712834	GMC	370024A	7146313	SPICE	450494	716689	WHITE	415304
7117120	FORD	482041N	712834	VOLVO	370024A	7146313	SPICE	472164 <sup>28</sup>	716689	WHITE	476470 <sup>28</sup>
711780HB	IH	450070	712834	WHITE	370024A	7146314	SPICE	412473 <sup>28</sup>	7166RPD	JN-MN	415036
711780HB	IH	472185 <sup>28</sup>	712887	UNIVE	455117	7146314	SPICE	415894	716761	WHITE	415060
711818	C-R	722108	7128LA	JN-MN	417316 <sup>28</sup>	7146315	SPICE	417171 <sup>28</sup>	716888	WHITE	416654 <sup>28</sup>
711818	SKF	722108	7128LA	JN-MN	455004	7146317	SPICE	471267 <sup>28</sup>	716888	WHITE	455012
711822	C-R	710044	7128LUP	JN-MN	417316 <sup>28</sup>	7146319	SPICE	471646 <sup>28</sup>	71690	ALLCH	40438S
711822	SKF	710044	7128LUP	JN-MN	455004	714632	SPICE	415995 <sup>28</sup>	716900	UNIVE	415551
7119763	L&S	4148	712937	TIMKE	712937	714632	SPICE	455013	716901	MICH	415551
7119763	L&S	471424 <sup>28</sup>	712938	TIMKE	712938	7146325	SPICE	415013N	71696C1	IH	415458 <sup>28</sup>
7119776	L&S	4148	712998	GMC	5188 <sup>28</sup>	7146325	SPICE	415995V	71697C1	IH	473467
712	UNIVE	455406 <sup>28</sup>	712999	GMC	5189	714634	SPICE	417171 <sup>28</sup>	71700	ALLCH	45013S
712000	TIMKE	712000	7130LA	JN-MN	415036	714635	SPICE	415137 <sup>28</sup>	717003	NATL	417967
712001	TIMKE	712001	713103	TIMKE	713103	714635	SPICE	418028	717004	TIMKE	717004
712005	TIMKE	712005	7131R	JN-MN	450867	714636	SPICE	417171 <sup>28</sup>	717005	TIMKE	717005
712006	TIMKE	712006	7131R	JN-MN	470898	714637	SPICE	418028	71719C1	IH	471835 <sup>28</sup>
712007	TIMKE	712007	713256	WHITE	474278 <sup>28</sup>	714637	SPICE	455137 <sup>28</sup>	71739386	FIAT	224200
712008	TIMKE	712008	713256	WHITE	480356	714639	SPICE	470059	71739825	FIAT	710799
712009	TIMKE	712009	713290	WHITE	410101N	714639	SPICE	470380 <sup>28</sup>	717400	MECH	370011A
712010	TIMKE	710313	713400	MECH	370057A	714654	TIMKE	714654	717410	WHITE	415991 <sup>28</sup>
712011	TIMKE	712011	713463-1	SPICE	450183	714655	TIMKE	714655	717410	WHITE	415991N
712012	TIMKE	712012	713463-1	SPICE	472179	714670	TIMKE	714670	71741820	FIAT	223552
712013	TIMKE	712013	713528	BUC-E	416476 <sup>28</sup>	714675	TIMKE	714675	71747834	ALFAR	710616
712014	TIMKE	712014	713528	BUC-E	455075	714679	TIMKE	714679	71749915	ALFAR	710674
712015	TIMKE	712015	713528	GR-DV	55078S	7146LPD	JN-MN	415379 <sup>28</sup>	71749915	FIAT	710674
712016	TIMKE	712016	713528	MINMA	416476 <sup>28</sup>	7146LPD	JN-MN	455379	71753052	ALFAR	223010
712018	TIMKE	712018	713528	MINMA	455075	7146LUP	JN-MN	415379 <sup>28</sup>	717703	WHITE	415304
712019	TIMKE	712019	713750	NATL	2377	7146LUP	JN-MN	455379	717703	WHITE	476470 <sup>28</sup>
712021	TIMKE	712021	713750	TIMKE	713750	714702	WHITE	370036A	7180LPD	JN-MN	415482
712022	TIMKE	712022	713771	TIMKE	713771	714702	WHITE	370349A	7180LUP	JN-MN	415482
712023	TIMKE	712023	71390	VICK	470064	714702	WHITE	380036A	718130	WHITE	410308 <sup>28</sup>
712024	TIMKE	712024	71390	VICK	471821 <sup>28</sup>	714713	TIMKE	714713	718130	WHITE	450308
712025	TIMKE	712025	713938	WHITE	410316	714750	TIMKE	714750	718170	WHITE	415085 <sup>28</sup>
712027	TIMKE	712027	713938	WHITE	472636 <sup>28</sup>	71489	C-P	340385	718170	WHITE	456648
712045	MIXMO	471869	714	UNIVE	455121	7149488	IVECO	415082N	718214	WHITE	410987 <sup>28</sup>
712045	MIXMO	473459	71406	BOSTN	450536	715000	NATL	39801	718214	WHITE	450103
712146	TIMKE	712146	71406	BOSTN	471535 <sup>28</sup>	715100	TIMKE	715100	718302	WHITE	450065
7122	C-R	50405	714075	TIMKE	714075	71524C91	IH	416380 <sup>28</sup>	718400W/401252	MECH	370014A
7122	SKF	50405	714260	GMC	470712 <sup>28</sup>	715506	GMC	370015A	71855C1	IH	416921 <sup>28</sup>
712250	TIMKE	712250	714400	MECH	370124A	71558	CROWN	350414	718.600	ELRNG	710887

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
718610	TIMKE	718610	71X5239	GARLK	40140S	7206150	NORDG	455096	72-08365M	BUC-E	415482
718657	WHITE	415697 <sup>28</sup>	71X6069	GARLK	8792S	720618	GMC	370002A	72-085105	BUC-E	417608
718657	WHITE	455547	71X6133	GARLK	340483	7206271	NORDG	416706 <sup>28</sup>	72-089720	BUC-E	450083
7186LPD	JN-MN	416107 <sup>28</sup>	71X6156	GARLK	471270 <sup>28</sup>	7206271	NORDG	455272	72-089720	BUC-E	472924 <sup>28</sup>
7186LPD	JN-MN	455073	71X6284	GARLK	341022	7206274	NORDG	415988	7208LPD	JN-MN	415327
7186LUP	JN-MN	416107 <sup>28</sup>	71X6304	GARLK	310841	72-063350	BUC-E	441130	7208LUP	JN-MN	415327
7186LUP	JN-MN	455073	71X7007	GARLK	240470	72-063400	BUC-E	5857	7208S	TIMKE	7208S
7186S	TIMKE	7186S	71X7011	GARLK	342805	72-06340N	BUC-E	5857	72-090500	BUC-E	450085
718770	WHITE	410737 <sup>28</sup>	71X7012	GARLK	342805	72-063415	BUC-E	471224 <sup>28</sup>	72-090500	BUC-E	470530 <sup>28</sup>
718773	WHITE	470565 <sup>28</sup>	71X7013	GARLK	8792S	72-063550	BUC-E	340151	72-09050V	BUC-E	450085
7187LPD	JN-MN	455195	71X7020	GARLK	340387	72-063600	BUC-E	473380	72-09050V	BUC-E	470530 <sup>28</sup>
7187LPD	JN-MN	472157 <sup>28</sup>	71X7021	GARLK	340724 <sup>28</sup>	72-06385	BUC-E	471689 <sup>28</sup>	720912	UNIVE	417598
7187LUP	JN-MN	455195	71X7023	GARLK	340009S	72-063850	BUC-E	471689 <sup>28</sup>	720913	MICH	417598
7187LUP	JN-MN	472157 <sup>28</sup>	71X7024	GARLK	351487	72-064350	BUC-E	472258 <sup>28</sup>	72-093000	BUC-E	450301
71884A	MC-CL	470954 <sup>28</sup>	71X7033	GARLK	350954	72-064350	BUC-E	480570	72-093000	BUC-E	472397 <sup>28</sup>
7188S	TIMKE	7188S	71X7033	GARLK	470954 <sup>28</sup>	72-064500	BUC-E	240319	72-09300VM	BUC-E	450301
7-19	TW-CO	450194	71X7034	GARLK	40027S	72064525	BUC-E	473227	72-09300VM	BUC-E	472397 <sup>28</sup>
7-19	TW-CO	473010	71X7055	GARLK	40230S	72-06471	NORDG	416706 <sup>28</sup>	72-093500	BUC-E	473463
719021	C-R	357PKG	71X7080	GARLK	340400	72-06471	NORDG	455272	72-09350V	BUC-E	473463
719021	SKF	357PKG	71X7093	GARLK	310841	72-065660	BUC-E	473215 <sup>28</sup>	72-095050	BUC-E	415281N
7190LPD	JN-MN	476470	71X8000	GARLK	7014S	720659	GMC	370025A	72-09505V	BUC-E	415281N
7190LUP	JN-MN	476470	720004901	EATON	473231 <sup>28</sup>	720659	GMC	380025A	72-09600	BUC-E	415995 <sup>28</sup>
71910C1	IH	473010 <sup>28</sup>	720004902	EATON	473237 <sup>28</sup>	720659	GMC	386025A	72-09600	BUC-E	455013
71915	VICK	417316 <sup>28</sup>	720004903	EATON	473237 <sup>28</sup>	72-06650V	BUC-E	473228 <sup>28</sup>	72-096000	BUC-E	415995 <sup>28</sup>
71915	VICK	455004	72000492	EATON	473237 <sup>28</sup>	72-066550	BUC-E	473228 <sup>28</sup>	72-096000	BUC-E	455013
7191LPD	JN-MN	416892 <sup>28</sup>	72000492	Y-T	473237 <sup>28</sup>	72-06925	BUC-E	40401	72-096050	BUC-E	415995 <sup>28</sup>
7192	ALLCH	470189	72004	SHOV	412871 <sup>28</sup>	72-069250	BUC-E	40401	72-096050	BUC-E	455013
7192	ALLCH	471692 <sup>28</sup>	72004	SHOV	450329	72-071500	BUC-E	4148	72-096390	BUC-E	415001 <sup>28</sup>
7192	TRAC	470189	7201000V	BUC-E	40101S	72-071500	BUC-E	471424 <sup>28</sup>	72-096390	BUC-E	455001
7192	TRAC	471692 <sup>28</sup>	7201200V	BUC-E	416125 <sup>28</sup>	72-072450	BUC-E	472924 <sup>28</sup>	72-097380	BUC-E	417351 <sup>28</sup>
7192LPD	JN-MN	417520 <sup>29</sup>	7201600V	BUC-E	455195	72-07600V	BUTBN	40337S	72-097380	BUC-E	455154
719316	TIMKE	719316	7201600V	BUC-E	472157 <sup>28</sup>	72-076100	BUC-E	40316S	72-09738M	BUC-E	417351 <sup>28</sup>
719373	GMC	411330N	7201800E	BUC-E	415645 <sup>28</sup>	72-076350	BUC-E	416271 <sup>28</sup>	72-09738M	BUC-E	455154
719374	GMC	410316	7201800E	BUC-E	455104	72-076390	BUC-E	415001 <sup>28</sup>	72-09857	BUC-E	417487
719374	GMC	472636 <sup>28</sup>	7201LPD	JN-MN	450316	72-076390	BUC-E	455001	72-09857	BUC-E	455086
7193LPD	JN-MN	417554 <sup>28</sup>	7201LPD	JN-MN	472636 <sup>28</sup>	72-076900	BUC-E	415013	72-09900M	BUC-E	417487
7193LUP	JN-MN	417554 <sup>28</sup>	7202	C-R	19X27X6	72-076900	BUC-E	415995 <sup>28</sup>	72-09900M	BUC-E	455014
719463-1	SPICE	473460	7202	SKF	19X27X6	72-077000	BUC-E	416921 <sup>28</sup>	721002	ADAMS	410496 <sup>28</sup>
71947	ALLCH	416339	7202300V	BUC-E	415938	72-077210	BUC-E	45013S	721003	ADAMS	455195
71947	ALLCH	455031 <sup>28</sup>	7202375	NORDG	470219	72-077570	BUC-E	412473 <sup>28</sup>	721003	ADAMS	472157 <sup>28</sup>
7194LPD	JN-MN	455480 <sup>28</sup>	7202375	NORDG	471649 <sup>28</sup>	72-077570	BUC-E	415894	72-100993	BUC-E	455019 <sup>28</sup>
7195LPD	JN-MN	415036 <sup>29</sup>	7202820	NORDG	470712 <sup>28</sup>	72-077710	BUC-E	345146	72-101250	BUC-E	415035
7195LUP	JN-MN	415036	7202850M	BUC-E	417602 <sup>28</sup>	72-077720	BUC-E	415991	72-101250	BUC-E	415953
7199LPD	JN-MN	415035 <sup>28</sup>	7202930	NORDG	470328	72-077720	BUC-E	455146 <sup>28</sup>	72-10125M	BUC-E	415035 <sup>28</sup>
7199LPD	JN-MN	455035	7202930	NORDG	481213 <sup>28</sup>	72-078050	BUC-E	415437	72-10125M	BUC-E	455035
7199LUP	JN-MN	415035 <sup>28</sup>	7203195	NORDG	470163	72-078190	BUC-E	345035	72-101499	BUC-E	415035 <sup>28</sup>
7199LUP	JN-MN	455035	7203195	NORDG	471766 <sup>28</sup>	72-078200	BUC-E	416339	72-101499	BUC-E	455035
71A7021	GARLK	351487	72033	CHERY	471472 <sup>28</sup>	72-078200	BUC-E	455031 <sup>28</sup>	72-101500	BUC-E	415035 <sup>28</sup>
71A7023	GARLK	240009 <sup>29</sup>	7203400EV	BUC-E	415871	72-078360	BUC-E	455189	72-101500	BUC-E	455035
71A7034	GARLK	40027S	72036A	HERCU	410101N	72-080325	BUC-E	415072	72-101505	BUC-E	415035 <sup>28</sup>
71A7045	GARLK	417267	720387	PEERC	471765 <sup>28</sup>	72-080328	BUC-E	415072	72-101505	BUC-E	455035
71A7055	GARLK	40230S	7204003	NORDG	455308	72-080342	BUC-E	455583N <sup>28</sup>	72-10150VE	BUC-E	415035 <sup>28</sup>
71A7082	GARLK	40494S	72042537	BUC-E	471984	72-080825	BUC-E	417597	72-10150VE	BUC-E	455035
71B2	WHITE	471316	72044	CHERY	471567 <sup>28</sup>	72-082500	BUC-E	417602 <sup>28</sup>	72-104110	BUC-E	417357
71C110	BORGW	470138V	720463-1	SPICE	412871 <sup>28</sup>	72-08250M	BUC-E	417602 <sup>28</sup>	72-104110	BUC-E	455192 <sup>28</sup>
71C-62	BORGW	470403	720463-1	SPICE	450329	72-082595	BUC-E	415124	72-10412	BUC-E	417357
71C-62A	BORGW	470403	7204710	NORDG	450361	72-08300M	BUC-E	415090	72-10412	BUC-E	455192 <sup>28</sup>
71C-62-B	BORGW	470774V	7204710	NORDG	472193 <sup>28</sup>	72-083150	BUC-E	417020	72-104120	BUC-E	417357
71WG7048AA	FORD	2503N	72048	CHERY	471689 <sup>28</sup>	72-08315M	BUC-E	417020	72-104120	BUC-E	455192 <sup>28</sup>
71WG7657AA	FORD	2443	7206150	NORDG	411245 <sup>28</sup>	72-083650	BUC-E	415482	72-10418	BUC-E	415036

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
72-104180	BUC-E	415036	72-143390	BUC-E	340136	72-177875	BUC-E	45187S	721871	WABCO	473205
72-105500	BUC-E	415041	72-143395	BUC-E	470380 <sup>28</sup>	72-178095	BUC-E	415035 <sup>28</sup>	72-18710M	BUC-E	411253 <sup>28</sup>
72-10550V	BUC-E	415041	72-143396	BUC-E	417357	72-178095	BUC-E	455035	72-18710M	BUC-E	450099
72-10785M	BUC-E	416865 <sup>28</sup>	72-143396	BUC-E	455192 <sup>28</sup>	72-179170	BUC-E	416011	721872	ADAMS	471689 <sup>28</sup>
72-10785M	BUC-E	455070	72-143410	BUC-E	450183	72-179170	BUC-E	417621 <sup>28</sup>	721872	LETN	471689 <sup>28</sup>
72-10788	BUC-E	450070	72-143410	BUC-E	472179	72-179175	BUC-E	416011	72-187200	BUC-E	412119 <sup>28</sup>
72-10788	BUC-E	472185 <sup>28</sup>	72-143475	BUC-E	5458 <sup>30</sup>	72-179175	BUC-E	417621 <sup>28</sup>	72-187200	BUC-E	450101
72-107880	BUC-E	416865 <sup>28</sup>	72-148500	BUC-E	471570 <sup>28</sup>	721797	WABCO	410163	72-18720M	BUC-E	412119 <sup>28</sup>
72-107880	BUC-E	455070	72-14850E	BUC-E	471570 <sup>28</sup>	721797	WABCO	471766 <sup>28</sup>	72-18720M	BUC-E	450101
72-108250	BUC-E	416865 <sup>28</sup>	721490	GMC	370182A	72-179995	BUC-E	415196 <sup>28</sup>	72-187675	BUC-E	417541
72-10825V	BUC-E	416865 <sup>28</sup>	721490	GMC	380048A	72-180150	BUC-E	416288 <sup>28</sup>	72187900	BUC-E	471765 <sup>28</sup>
72-110525	BUC-E	417262 <sup>28</sup>	72149A	HERCU	415995 <sup>28</sup>	72-18015V	BUC-E	416288 <sup>28</sup>	72188450	BUC-E	68635 <sup>28</sup>
72-110525	BUC-E	455448	72149A	HERCU	455013	72-180300	BUC-E	455018	7218845M	BUC-E	68635 <sup>28</sup>
72111250	BUC-E	471466 <sup>28</sup>	7215	NATL	5126	72-180300	BUC-E	476470	72188600	BUC-E	471579
72-112000	BUC-E	330385 <sup>28</sup>	72-153500	BUC-E	471270 <sup>28</sup>	7218030M	BUC-E	455018	72-18860M	BUC-E	471579
72-11225M	BUC-E	415072	72-15350V	BUC-E	472560N <sup>28</sup>	7218030M	BUC-E	476470	72-19020V	BUC-E	470605 <sup>28</sup>
72-11250	BUC-E	415072	72-15350V	BUC-E	50151S	72-18031	BUC-E	455018	72-19052	BUC-E	470565 <sup>28</sup>
72-112500	BUC-E	415072	72-153950	BUC-E	415656	72-18031	BUC-E	476470	72-190520	BUC-E	470565 <sup>28</sup>
72-112501	BUC-E	415072	72-157600	BUC-E	474278 <sup>28</sup>	72-180310	BUC-E	455018	72-193640	BUC-E	415142
72-11250MV	BUC-E	415072	72-157600	BUC-E	480356	72-180310	BUC-E	476470	72193855	BUC-E	455134 <sup>28</sup>
72-11275V	BUC-E	415072	72-15760V	BUC-E	474278 <sup>28</sup>	72-183150	BUC-E	415023	72-193860	BUC-E	415142
72-115950	BUC-E	416364 <sup>28</sup>	72-15760V	BUC-E	480356	72-183300	BUC-E	418028	72-193900	BUC-E	455195
72-11600V	BUC-E	472560N <sup>28</sup>	72-158405	BUC-E	40301S	72-183300	BUC-E	455137 <sup>28</sup>	72-193900	BUC-E	472157 <sup>28</sup>
72-11600V	BUC-E	50151S	72-159395	BUC-E	450867	72-183305	BUC-E	416153 <sup>28</sup>	72-193901	BUC-E	455195
72116250	BUC-E	470954 <sup>28</sup>	72-159395	BUC-E	470898	7218330VE	BUC-E	418028	72-193901	BUC-E	472157 <sup>28</sup>
72-116800	BUC-E	240731	72-159578	BUC-E	40520S	7218330VE	BUC-E	455137 <sup>28</sup>	72-193909	BUC-E	416556 <sup>28</sup>
72-12000V	BUC-E	416239 <sup>28</sup>	7215LPD	JN-MN	471651	72-184591	BUC-E	415138 <sup>28</sup>	72-193909	BUC-E	472157
72-120250	BUC-E	416239 <sup>28</sup>	7215LUP	JN-MN	471651	72-185450	BUC-E	417298	72-19390E	BUC-E	455195
72-120251	BUC-E	416239 <sup>28</sup>	7216	TIMKE	7216	7218575M	BUC-E	471787 <sup>28</sup>	72-19390E	BUC-E	472157 <sup>28</sup>
72-12025M	BUC-E	416239 <sup>28</sup>	72-160365	BUC-E	450412	72-185760	BUC-E	450025	72-198200	BUC-E	416654 <sup>28</sup>
72-122100	BUC-E	416654 <sup>28</sup>	72-160537	BUC-E	415303 <sup>28</sup>	72-185760	BUC-E	471553 <sup>28</sup>	72-198200	BUC-E	455012
72-122100	BUC-E	455012	72-160550	BUC-E	416956	72-18576M	BUC-E	450025	72-19820M	BUC-E	416654 <sup>28</sup>
72-122300	BUC-E	455194	72-160750	BUC-E	450441	72-18576M	BUC-E	471553 <sup>28</sup>	72-19820M	BUC-E	455012
72-122430	BUC-E	415725 <sup>28</sup>	72-160750	BUC-E	471341 <sup>28</sup>	72-18600	BUC-E	416107 <sup>28</sup>	72-198450	BUC-E	417487
72-122445	BUC-E	471649 <sup>28</sup>	72-161000	BUC-E	472015 <sup>28</sup>	72-18600	BUC-E	455073	72-198450	BUC-E	455014
72-122457	BUC-E	471689 <sup>28</sup>	72-16100M	BUC-E	472015 <sup>28</sup>	72-186100	BUC-E	415021	72-198451	BUC-E	417487
72-122600	BUC-E	415449 <sup>28</sup>	72-161050	BUC-E	410520	72-18610M	BUC-E	415021	72-198451	BUC-E	455086
72-122600	BUC-E	455147	72-161050	BUC-E	471272 <sup>28</sup>	72-186250	BUC-E	415023	72-19845M	BUC-E	417487
72-122750	BUC-E	410316	72-16500V	BUC-E	473243	72-186280	BUC-E	415295	72-19845M	BUC-E	455014
72-122750	BUC-E	472636 <sup>28</sup>	7216LPD	JN-MN	473224 <sup>28</sup>	72-186300	BUC-E	470950 <sup>28</sup>	72-19870M	BUC-E	416288 <sup>28</sup>
72-12275M	BUC-E	410316	7216LUP	JN-MN	473224 <sup>28</sup>	72-186300	BUC-E	6241S	72-199700	BUC-E	415072
72-12275M	BUC-E	472636 <sup>28</sup>	7217	SABO	710491	72-18630M	BUC-E	470950 <sup>28</sup>	72-199701	BUC-E	415072
72-125250	BUC-E	417604	72-17100M	BUC-E	413469 <sup>28</sup>	72-18630M	BUC-E	6241S	72-199702	BUC-E	416107 <sup>28</sup>
72-125500	BUC-E	417567	72-17115	BUC-E	411253 <sup>28</sup>	72-186400	BUC-E	470062	72-199702	BUC-E	455073
72-12550M	BUC-E	417567	72-17115	BUC-E	450099	72-186400	BUC-E	474264	72-19970M	BUC-E	415072
72-125580	BUC-E	455129	72-171150	BUC-E	411253 <sup>28</sup>	72-18640M	BUC-E	470062	72-199720	BUC-E	417487
72-128500	BUC-E	471466 <sup>28</sup>	72-171150	BUC-E	450099	72-18640M	BUC-E	474264	72-199720	BUC-E	455086
7212850V	BUC-E	471466 <sup>28</sup>	72-174325	BUC-E	416404 <sup>28</sup>	72-186500	BUC-E	470064	7220	C-R	710445 <sup>29</sup>
7213094	GIB	455328	72-174326	BUC-E	416404 <sup>28</sup>	72-186500	BUC-E	471821 <sup>28</sup>	7220	SKF	710445
72-134950	BUC-E	417606	72-174352	BUC-E	455024	72-18650M	BUC-E	470064	72-200180	BUC-E	417298
72-138385	BUC-E	340797	72-174365	BUC-E	55419	72-18650M	BUC-E	471821 <sup>28</sup>	72-200180M	BUC-E	417298
72-13925V	BUC-E	470954 <sup>28</sup>	72-174385	BUC-E	415991	72-186750	BUC-E	450085	72-20030V	BUC-E	415871
7214	TIMKE	7214	72-174385	BUC-E	455146 <sup>28</sup>	72-186750	BUC-E	470530 <sup>28</sup>	72-200925	BUC-E	455195
721403	ADAMS	471267 <sup>28</sup>	72-174390	BUC-E	415991	72-18675M	BUC-E	450085	72-200925	BUC-E	472157 <sup>28</sup>
721403	WABCO	470567	72-174390	BUC-E	455146 <sup>28</sup>	72-18675M	BUC-E	470530 <sup>28</sup>	72-201800	BUC-E	415871
721403	WABCO	471267 <sup>28</sup>	72-175746	BUC-E	415498	72-186850	BUC-E	470086	72-20180V	BUC-E	415871
72-14333	BUC-E	471267 <sup>28</sup>	72-177145	BUC-E	472636 <sup>28</sup>	72-18685V	BUC-E	470086	72-20188	BUC-E	55238
72-143330	BUC-E	471570 <sup>28</sup>	72-177150	BUC-E	415234 <sup>28</sup>	72-18685VE	BUC-E	470086	72-201880	BUC-E	55238
72-14335M	BUC-E	481644	72-17715V	BUC-E	415234 <sup>28</sup>	721871	ADAMS	473205	72-20195	BUC-E	417198
72-143381	BUC-E	40140S	72-177450	BUC-E	417205 <sup>28</sup>	721871	LETN	473205	72-201950	BUC-E	417198

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
72-201951	BUC-E	417198	72-224225	BUC-E	417563	7226975E	BUC-E	470059	72-30195R	BUC-E	455001
72-20195EV	BUC-E	417198	722250S	TIMKE	722250	7226975E	BUC-E	470380 <sup>28</sup>	72-302050	BUC-E	417079
72-20212	BUC-E	416706 <sup>28</sup>	722276	ADAMS	416404 <sup>28</sup>	72-269850	BUC-E	470358	72-302100	BUC-E	417079
72-20212	BUC-E	455272	722276	LETN	416404 <sup>28</sup>	72-269850	BUC-E	473231	72303-4040	SUBAR	1974
72-202120	BUC-E	416706 <sup>28</sup>	722276	WABCO	416404 <sup>28</sup>	72-269900	BUC-E	470358	72303-4050	SUBAR	224462
72-202120	BUC-E	455272	722309	WOOL	417159	72-269900	BUC-E	473231	72-304050	BUC-E	415003
72-202141	BUC-E	55301S	72-230900	BUC-E	417546 <sup>28</sup>	72-272600	BUC-E	450066	72-304050	BUC-E	415458 <sup>28</sup>
72-202141M	BUC-E	55301S	72-23090M	BUC-E	417546 <sup>28</sup>	72-272600	BUC-E	473367 <sup>28</sup>	72-30495E	BUC-E	415458 <sup>28</sup>
72-202151	BUC-E	476470	72-230920	BUC-E	417546 <sup>28</sup>	72-27260V	BUC-E	450066	72-30495E	BUC-E	455003
72-20234	BUC-E	55524	72-23290E	BUC-E	415645 <sup>28</sup>	72-27260V	BUC-E	473367 <sup>28</sup>	72-305000	BUC-E	415458 <sup>28</sup>
72-202340	BUC-E	55524	72-23290E	BUC-E	455104	72-274250	BUC-E	450194	72-305000	BUC-E	455003
72-202447	BUC-E	415697 <sup>28</sup>	72-23295	BUC-E	415645 <sup>28</sup>	72-274250	BUC-E	473010	72-307900	BUC-E	417343 <sup>28</sup>
72-202447	BUC-E	455547	72-23295	BUC-E	455104	72-274300	BUC-E	473010 <sup>28</sup>	72-307950	BUC-E	417316 <sup>28</sup>
72-202447M	BUC-E	415697 <sup>28</sup>	72-23300	BUC-E	415645 <sup>28</sup>	72-277600	BUC-E	450070	72-307950	BUC-E	455004
72-202447M	BUC-E	455547	72-23300	BUC-E	455104	72-277600	BUC-E	472185 <sup>28</sup>	72-307955	BUC-E	46997S
7220263	BUC-E	55563	72-233000	BUC-E	415645 <sup>28</sup>	72-27760M	BUC-E	450070	72-30795ME	BUC-E	417316 <sup>28</sup>
72-202630	BUC-E	55563	72-233000	BUC-E	455104	72-27760M	BUC-E	472185 <sup>28</sup>	72-30795ME	BUC-E	455004
722050	WABCO	415563	72-23300VM	BUC-E	415645 <sup>28</sup>	7227810	BUC-E	470059	72-311650	BUC-E	55469
722050	WABCO	417433 <sup>28</sup>	72-23300VM	BUC-E	455104	7227810	BUC-E	470380 <sup>28</sup>	72-31165M	BUC-E	55469
722051	ADAMS	417210 <sup>28</sup>	72-233500	BUC-E	455584	7227LPD	JN-MN	456105 <sup>29</sup>	72-312950	BUC-E	416921 <sup>28</sup>
722051	LETN	417210 <sup>28</sup>	72-23600V	BUC-E	455583N <sup>28</sup>	7227LUP	JN-MN	456105	72-312950	BUC-E	455011
722051	WABCO	417210 <sup>28</sup>	72-237285	BUC-E	417598	72282550	BUC-E	474274	72-31295V	BUC-E	415001 <sup>28</sup>
72206800	BUC-E	471466 <sup>28</sup>	72-238010	BUC-E	457874	72-282600	BUC-E	450183	72-31295V	BUC-E	455001
7220680V	BUC-E	471466 <sup>28</sup>	72-238600	BUC-E	417562	72-282600	BUC-E	472179	72-31300	BUC-E	416921 <sup>28</sup>
72-207300	BUC-E	471567 <sup>28</sup>	72-23860E	BUC-E	417562	72-28260V	BUC-E	450183	72-31300	BUC-E	455011
72-20730V	BUC-E	471567 <sup>28</sup>	722392	LETN	456305	72-28260V	BUC-E	472179	72-313000	BUC-E	416921 <sup>28</sup>
72207XX	TIMKE	7X22X7	722392	WABCO	456305	72-28560	BUC-E	450273	72-313000	BUC-E	455011
722106	ADAMS	417344 <sup>28</sup>	72-239815	BUC-E	417600	7229	TEKNI	471466 <sup>28</sup>	72-31420V	BUC-E	472560N <sup>28</sup>
722106	LETN	417344 <sup>28</sup>	72-240441	BUC-E	455123	72-29075	BUC-E	414045 <sup>28</sup>	72-31420V	BUC-E	50151S
722108	TIMKE	722108	72-242250	BUC-E	417603 <sup>28</sup>	72-290750	BUC-E	450082	72-314750	BUTBN	40337S
722109	TIMKE	722109	72-24275M	BUC-E	416077	72-290750	BUC-E	473238	72-31475V	BUTBN	40337S
72-212300	BUC-E	415984 <sup>28</sup>	72-24300V	BUC-E	416077	72-290850	BUC-E	450082	72-31530V	BUC-E	412040
72-21230M	BUC-E	415984 <sup>28</sup>	722463-1	SPICE	455576 <sup>28</sup>	72-290850	BUC-E	473238	72-31535V	BUC-E	450441
72-212800	BUC-E	455018	722463-2	SPICE	417602 <sup>28</sup>	72-292392	BUC-E	417501	72-31535V	BUC-E	471341 <sup>28</sup>
72-212800	BUC-E	476470	72-24800	BUC-E	415116	72292H	WAUKE	470064	72-315685	BUC-E	472164 <sup>28</sup>
72-213800	BUC-E	415379 <sup>28</sup>	72-24800V	BUC-E	415116	72292H	WAUKE	471821 <sup>28</sup>	72-315850	BUC-E	417134
72-213800	BUC-E	455379	72-248250	BUC-E	415116	72-29585V	BUC-E	470086	72-31585M	BUC-E	417134
72-21380M	BUC-E	455018	72-24825V	BUC-E	415116	72-295950	BUC-E	473461 <sup>28</sup>	72-31695	BUC-E	416292
72-21380M	BUC-E	476470	72-24825VE	BUC-E	415116	72-29595VE	BUC-E	473461 <sup>28</sup>	72-316950	BUC-E	416292
72-21630	BUC-E	415072	72-248750	BUC-E	455129	72-29650	BUC-E	470565 <sup>28</sup>	72-319950	BUC-E	412473 <sup>28</sup>
72-216300	BUC-E	415072	72-25125V	BUC-E	472354 <sup>28</sup>	72-296500	BUC-E	470565 <sup>28</sup>	72-319950	BUC-E	415894
72-21630M	BUC-E	415072	72-25125V	BUC-E	50395S	72-29795V	BUC-E	470088	72-31995V	BUC-E	412473 <sup>28</sup>
72-21680V	BUC-E	415116	72-253750	BUC-E	55301S	72-297960	BUC-E	450094	72-31995V	BUC-E	415894
72-21710	BUC-E	417602 <sup>28</sup>	72-253800	BUC-E	415090	72-297960	BUC-E	473462	72-32265	BUC-E	415991
72-217100	BUC-E	417602 <sup>28</sup>	72-25625M	BUC-E	415023	72-298250	BUC-E	411394 <sup>28</sup>	72-32265	BUC-E	455146 <sup>28</sup>
72-21710M	BUC-E	417602 <sup>28</sup>	72-259985	BUC-E	417570	72-298250	BUC-E	450317	72-32287	BUC-E	415991
72-22065	BUC-E	471267 <sup>28</sup>	7226125M	BUC-E	415227 <sup>28</sup>	72-298251	BUC-E	411394 <sup>28</sup>	72-32287	BUC-E	455146 <sup>28</sup>
72-220650	BUC-E	417267	72-26500	BUC-E	473224 <sup>28</sup>	72-298251	BUC-E	450317	72-322870	BUC-E	415991
72-22080V	BUC-E	40395	72-265000	BUC-E	473224 <sup>28</sup>	72-29830V	BUC-E	411500	72-322870	BUC-E	455146 <sup>28</sup>
72-22080V	BUC-E	40395S	72266100	BUC-E	450400	72-298950	BUC-E	410694 <sup>28</sup>	72-322950	BUC-E	415379 <sup>28</sup>
72-22090V	BUC-E	340151	72-26625	BUC-E	473016 <sup>28</sup>	72-29895V	BUC-E	410694 <sup>28</sup>	72-322950	BUC-E	455379
72-22238E	BUC-E	417262 <sup>28</sup>	72-266250	BUC-E	473016 <sup>28</sup>	72-299050	BUC-E	412871 <sup>28</sup>	72-324750	BUC-E	455249 <sup>28</sup>
72-22238E	BUC-E	455448	72-266250V	BUC-E	473016 <sup>28</sup>	72-299050	BUC-E	450329	72-325850	BUC-E	415437
72-222400	BUC-E	417262 <sup>28</sup>	72268100	BUC-E	470059	72-29905MV	BUC-E	412871 <sup>28</sup>	72-325900	BUC-E	415437 <sup>28</sup>
72-222400	BUC-E	455448	72268100	BUC-E	470380 <sup>28</sup>	72-29905MV	BUC-E	450329	72-325900	BUC-E	455173
72-223370	BUC-E	416011	7226885	NORDG	473227 <sup>28</sup>	72-30085	BUC-E	415449 <sup>28</sup>	72-32590V	BUC-E	415437 <sup>28</sup>
72-223370	BUC-E	417621 <sup>28</sup>	72-269250	BUC-E	473215 <sup>28</sup>	72-30085	BUC-E	455147	72-32590V	BUC-E	455173
72223460	BUC-E	410752	72-26925M	BUC-E	473215 <sup>28</sup>	72-300850	BUC-E	415449 <sup>28</sup>	72-325950	BUC-E	417501
72-22374	BUC-E	417350 <sup>28</sup>	72269750	BUC-E	470059	72-300850	BUC-E	455147	72-32595E	BUC-E	417501
72-22374	BUC-E	455479	72269750	BUC-E	470380 <sup>28</sup>	72-30195R	BUC-E	415001 <sup>28</sup>	72-326000	BUC-E	415379 <sup>28</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
72-326000	BUC-E	455379	72-365140	BUC-E	415064	724571	ADAMS	415894	72624	VIC	6035030
72-32600M	BUC-E	415379 <sup>28</sup>	72-36520V	BUC-E	456890	724571	LETN	412473 <sup>28</sup>	72625	VIC	6036030
72-32600M	BUC-E	455379	72-365228	BUC-E	417269 <sup>28</sup>	724571	LETN	415894	72626	VIC	6038030
72-326900	BUC-E	417355 <sup>28</sup>	72-365250	BUC-E	417273	724633	SPICE	417487	72627	VIC	6038040
72-32700	BUC-E	455186	72-36525M	BUC-E	417273	724633	SPICE	455014	72628	VIC	6041040
72-327000	BUC-E	455186	72-368500	BUC-E	417254	724860	ADAMS	470565 <sup>28</sup>	72629	VIC	6044040
72-328950	BUC-E	455024	72-370200	BUC-E	415938	724860	LETN	470565 <sup>28</sup>	72-632540	BUC-E	412040
72-32895M	BUC-E	455024	72-37020V	BUC-E	415938	724925	UNIVE	455406 <sup>28</sup>	72-63254V	BUC-E	412040
72-32905M	BUC-E	455026	72-370300	BUC-E	415938	724926	MICH	455406 <sup>28</sup>	72-63269	BUC-E	450389
72-32915M	BUC-E	415027 <sup>28</sup>	72-37035	BUC-E	417555 <sup>28</sup>	7251	C-R	710154	72-63269	BUC-E	472492 <sup>28</sup>
72-32915M	BUC-E	455027	72-370350	BUC-E	417555 <sup>28</sup>	7251	SABO	710583	72-632690	BUC-E	450389
72-329250	BUC-E	416125 <sup>28</sup>	72-370370	BUC-E	417555 <sup>28</sup>	7251	SKF	710154	72-632690	BUC-E	472492 <sup>28</sup>
72-32925EV	BUC-E	416125 <sup>28</sup>	72-375200	BUC-E	416107 <sup>28</sup>	725147	ADAMS	415147	72-632750	BUC-E	480491
72-32935V	BUC-E	416339	72-375200	BUC-E	455073	725147	ADAMS	415449 <sup>28</sup>	726400	MECH	370066A
72-32935V	BUC-E	455031 <sup>28</sup>	72-375201	BUC-E	416107 <sup>28</sup>	72515	C-R	416044	726929	WILYS	451948
72-329400	BUC-E	416345 <sup>28</sup>	72-375201	BUC-E	455073	72515	SKF	416044	72695A	HERCU	240119
72-329400	BUC-E	455033	72-37520ME	BUC-E	416107 <sup>28</sup>	725157	ADAMS	417316 <sup>28</sup>	727026	WILYS	416919N
72-329450	BUC-E	415034 <sup>28</sup>	72-37520ME	BUC-E	455073	725157	LETN	417316 <sup>28</sup>	72708	C-P	471281 <sup>28</sup>
72-329450	BUC-E	455034	72-37550EV	BUC-E	416107 <sup>28</sup>	725157	WABCO	415004	72708	GE	471281 <sup>28</sup>
72-32945MEV	BUC-E	415034 <sup>28</sup>	72-37550EV	BUC-E	455073	725157	WABCO	417316 <sup>28</sup>	72-717100	BUC-E	417602 <sup>28</sup>
72-32945MEV	BUC-E	455034	72-37565V	BUC-E	416107 <sup>28</sup>	72539	C-R	415116 <sup>29</sup>	7272	TEKNI	453165
72-334450	BUC-E	415150 <sup>28</sup>	72-37565V	BUC-E	455073	72539	SKF	415116	7272	TEKNI	471619 <sup>28</sup>
72-33445E	BUC-E	415150 <sup>28</sup>	72-37575	BUC-E	417556	725400	MECH	370054A	727345	WABCO	471649 <sup>28</sup>
72-334460	BUC-E	415150 <sup>28</sup>	72-375750	BUC-E	417556	72541	CLIN	340495	72737	ALLCH	417555 <sup>28</sup>
72-334550	BUC-E	455191	72-38225	BUC-E	416666	725422	ADAMS	412920 <sup>28</sup>	727410	TIMKE	312518
72-33455VE	BUC-E	455191	72-382250	BUC-E	416666	725422	WABCO	411376 <sup>28</sup>	727463-1	SPICE	470565 <sup>28</sup>
72-334650	BUC-E	416153 <sup>28</sup>	72-385650	BUC-E	416476 <sup>28</sup>	725581	ADAMS	410163	7274633	SPICE	450441
72-339540	BUC-E	455197N	72-385650	BUC-E	455075	725581	ADAMS	471766 <sup>28</sup>	7274633	SPICE	471341 <sup>28</sup>
72-339550	BUC-E	415196 <sup>28</sup>	72-38565VM	BUC-E	416476 <sup>28</sup>	725581	LETN	410163	727584	WABCO	415187
72-33955E	BUC-E	415196 <sup>28</sup>	72-38565VM	BUC-E	455075	725581	LETN	471766 <sup>28</sup>	727695	LETN	471224 <sup>28</sup>
72-339650	BUC-E	415196 <sup>28</sup>	723K1	WHITE	480630 <sup>28</sup>	725581	WABCO	410163	727695	WABCO	471224 <sup>28</sup>
72-339665	BUC-E	416888 <sup>28</sup>	7240	CHERY	473213 <sup>28</sup>	725581	WABCO	471766 <sup>28</sup>	727739	LETN	417350 <sup>28</sup>
72-339700	BUC-E	416888 <sup>28</sup>	72-409124	BUC-E	415327	72558R91	IH	5403	727739	LETN	455479
72-339700	BUC-E	455200	7241	CHERY	473215 <sup>28</sup>	72562R91	IH	5403	727739	WABCO	417350 <sup>28</sup>
72-339710	BUC-E	416888 <sup>28</sup>	72-410650	BUC-E	416229	7260	C-R	19X40X10	727739	WABCO	455479
72-339710	BUC-E	455200	72-41065M	BUC-E	416229	7260	SKF	19X40X10	7280	C-R	19X47X7
72-344650	BUC-E	416153 <sup>28</sup>	72-41090V	BUC-E	416229	72600	VIC	6003020	7280	SKF	19X47X7
72-34465M	BUC-E	416153 <sup>28</sup>	72-410910	BUC-E	415327	72601	VIC	6004020	72813	C-R	185X210X13
723463-1	SPICE	473243	72-41405	BUC-E	417596	72602	VIC	6005020	72813	SKF	185X210X13
72-34LPD	JN-MN	417269 <sup>28</sup>	72-415900	BUC-E	455584	72603	VIC	6006020	728143	LETN	471413 <sup>28</sup>
72-35465ME	BUC-E	415047	72-41590V	BUC-E	455584	72604	VIC	6007020	728143	WABCO	471413 <sup>28</sup>
72-354670	BUC-E	415047	7242	CHERY	417316 <sup>28</sup>	72605	VIC	6008020	7284112	HUB-C	472658
72-35475E	BUC-E	416892 <sup>28</sup>	7242	CHERY	455004	72606	VIC	6010020	7284112	HUB-C	473197
72-354850	BUC-E	416892 <sup>28</sup>	72-420900	BUC-E	455117	72607	VIC	6010025	728463-2	SPICE	416107 <sup>28</sup>
72-35485VE	BUC-E	416892 <sup>28</sup>	72-420905	BUC-E	455117	72608	VIC	6011025	728463-2	SPICE	455073
72-35495	BUC-E	415371	72-42090VM	BUC-E	455117	72609	VIC	6012025	728491	LETN	471649 <sup>28</sup>
72-354950	BUC-E	415371	72-42350	BUC-E	415551	72610	VIC	6014025	728491	WABCO	471649 <sup>28</sup>
72-35495VE	BUC-E	415371	72-423500	BUC-E	415551	72611	VIC	6016025	728500	ADAMS	415082
72-359875	BUC-E	415138 <sup>28</sup>	72-430900	BUC-E	455406 <sup>28</sup>	72612	VIC	6017025	728500	LETN	415082
72-359940	BUC-E	417526	72-43090V	BUC-E	455406 <sup>28</sup>	72613	VIC	6019025	728500	WABCO	415082
72-359950	BUC-E	417247 <sup>28</sup>	72-43590	BUC-E	455121	72614	VIC	6019030	728664	LETN	476470
72-35995M	BUC-E	417247 <sup>28</sup>	72-436350	BUC-E	415128	72615	VIC	6020030	728730	US-EL	481568 <sup>28</sup>
72-360050	BUC-E	416167 <sup>28</sup>	724445	GMC	471570 <sup>28</sup>	72616	VIC	6022030	728.880	ELRNG	711007
72-360050	BUC-E	455091	724510	GMC	1012N	72617	VIC	6024030	728937	UNIVE	455121
72-36005EM	BUC-E	416167 <sup>28</sup>	724510	GMC	45X62X8 <sup>28</sup>	72618	VIC	6025030	728938	MICH	455121
72-36005EM	BUC-E	455091	724511	GMC	33X50X12	72619	VIC	6027030	72905	TRISL	100495
72-360100	BUC-E	417539 <sup>28</sup>	<sup>28</sup>			72620	VIC	6028030	72907	TRISL	100494
72-36010E	BUC-E	417539 <sup>28</sup>	724513	GMC	33X50X12	72621	VIC	6030030	72910	TRISL	100263
72-365050	BUC-E	415060	<sup>28</sup>			72622	VIC	6032030	72911	TRISL	100557
72-36505V	BUC-E	415060	724571	ADAMS	412473 <sup>28</sup>	72623	VIC	6033030	7295	SABO	710546

**INTERCHANGE SECTION**

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
72X10010XX	TIMKE	<b>72X100X10</b>	73040062	FI-AL	<b>415327</b>	732355	FABCO	<b>415146<sup>28</sup></b>	73645	MURRA	<b>415991</b>
72X100X10	TIMKE	<b>72X100X10</b>	73040119	FI-AL	<b>415551</b>	732355	FABCO	<b>415991</b>	73645	MURRA	<b>455146<sup>28</sup></b>
72X7450	GARLK	<b>204005</b>	73042826	FI-AL	<b>8907</b>	732357	FABCO	<b>471267<sup>28</sup></b>	736463-1	SPICE	<b>471138<sup>28</sup></b>
72X7451	GARLK	<b>6832S</b>	73045	VIC	<b>800450</b>	732372	FABCO	<b>417316<sup>28</sup></b>	73658	WAUKE	<b>470064</b>
72X7452	GARLK	<b>6832S</b>	73045043	FI-AL	<b>45187S</b>	7325LUP	JN-MN	<b>416624<sup>28,29</sup></b>	73658	WAUKE	<b>471821<sup>28</sup></b>
72X7455	GARLK	<b>204017</b>	730461-1	SPICE	<b>417480<sup>28</sup></b>	73260009	TROS	<b>415072</b>	7365LPD	JN-MN	<b>450066</b>
72X7457	GARLK	<b>204008</b>	730461-1	SPICE	<b>455860</b>	73263207	TROS	<b>415294<sup>28</sup></b>	7365LPD	JN-MN	<b>473367<sup>28</sup></b>
72X7459	GARLK	<b>204038</b>	730463-1	SPICE	<b>417480<sup>28</sup></b>	73263207	TROS	<b>455294</b>	7365LUP	JN-MN	<b>450066</b>
72X7460	GARLK	<b>204038</b>	730463-1	SPICE	<b>455860</b>	733	GREEN	<b>240736</b>	7365LUP	JN-MN	<b>473367<sup>28</sup></b>
72X7461	GARLK	<b>204002</b>	73048835	FI-AL	<b>470737N</b>	7332	CHAMP	<b>240356</b>	73687	HYST	<b>55469</b>
72X8133	GARLK	<b>6590S</b>	73050	VIC	<b>800500</b>	733290	WILYS	<b>450291</b>	736K1	WHITE	<b>6597S</b>
73	BL-KN	<b>473243</b>	73055	VIC	<b>800550</b>	733290	WILYS	<b>471141<sup>28</sup></b>	7370	TAYLR	<b>204038</b>
7300	SABO	<b>710548</b>	73056536	FI-AL	<b>2505</b>	7334625	FORD	<b>3774</b>	7372612	CONTI	<b>472150</b>
73005	VIC	<b>800050</b>	73060	VIC	<b>800600</b>	7335	NATL	<b>8516N</b>	73745	C-R	<b>455117<sup>29</sup></b>
73007102	FI-AL	<b>415147</b>	73065	VIC	<b>800650</b>	7335LPD	JN-MN	<b>417547</b>	73745	SKF	<b>455117</b>
73007102	FI-AL	<b>415449<sup>28</sup></b>	73070	VIC	<b>800700</b>	7336LPD	JN-MN	<b>417548</b>	737463-1	SPICE	<b>415483</b>
73007388	FI-AL	<b>473460</b>	730707X1	IH	<b>416888<sup>28</sup></b>	7340LUP	JN-MN	<b>456105</b>	737463-2	SPICE	<b>416278</b>
73007497	FI-AL	<b>415498</b>	73073R91	IH	<b>350954</b>	73433	CROWN	<b>471267<sup>28</sup></b>	737478	GMC	<b>470380<sup>28</sup></b>
73007498	FI-AL	<b>450143</b>	73073R91	IH	<b>470954<sup>28</sup></b>	734504	WILYS	<b>410059</b>	737478	GMC	<b>472189A<sup>28</sup></b>
73008139	FI-AL	<b>415995<sup>28</sup></b>	73075	VIC	<b>800750</b>	734504	WILYS	<b>470380<sup>28</sup></b>	7375410	CONTI	<b>240356</b>
73008139	FI-AL	<b>455013</b>	73080	VIC	<b>800800</b>	73453	CROWN	<b>416271<sup>28</sup></b>	7376	F-R-H	<b>411253<sup>28</sup></b>
7300S	TIMKE	<b>7300S</b>	730813X91	IH	<b>417355<sup>28</sup></b>	73459	CROWN	<b>415147</b>	7376	F-R-H	<b>450099</b>
73013171	FI-AL	<b>415960<sup>28</sup></b>	73085	WAUKE	<b>415442<sup>28</sup></b>	73459	CROWN	<b>415449<sup>28</sup></b>	738028X	WILYS	<b>415991</b>
73013171	FI-AL	<b>455009</b>	73090	VIC	<b>800900</b>	734631	SPICE	<b>472397<sup>28</sup></b>	738028X	WILYS	<b>455146<sup>28</sup></b>
73014	VIC	<b>800140</b>	73100	VIC	<b>801000</b>	7346LPD	JN-MN	<b>470062</b>	7381S	TIMKE	<b>7381S</b>
73014379	FI-AL	<b>476283N</b>	73104650	FI-AL	<b>J1105</b>	7346LPD	JN-MN	<b>474264</b>	73857	ALLCH	<b>471984</b>
73014434	FI-AL	<b>415725<sup>28</sup></b>	73104651	FI-AL	<b>473238<sup>28</sup></b>	7346LUP	JN-MN	<b>470062</b>	73873	EATON	<b>9128S</b>
73016	VIC	<b>800160</b>	73110	VIC	<b>801100</b>	7346LUP	JN-MN	<b>474264</b>	7388	ALLCH	<b>473460</b>
73017034	FI-AL	<b>415991</b>	73110938	FI-AL	<b>J1107</b>	7347LPD	JN-MN	<b>472394<sup>29</sup></b>	7388	TRAC	<b>473460</b>
73017034	FI-AL	<b>455146<sup>28</sup></b>	73110940	FI-AL	<b>450301</b>	7347LUP	JN-MN	<b>472394</b>	73903	TRISL	<b>9773</b>
73018434	FI-AL	<b>415379<sup>28</sup></b>	73110940	FI-AL	<b>472397<sup>28</sup></b>	73482	MURRA	<b>55563</b>	73904	TRISL	<b>475003N</b>
73018434	FI-AL	<b>455379</b>	731202	WILYS	<b>240151</b>	7348LPD	JN-MN	<b>450030</b>	73906	TRISL	<b>416654</b>
73021053	FI-AL	<b>471224<sup>28</sup></b>	73123794	FI-AL	<b>200870</b>	7348LPD	JN-MN	<b>474253</b>	73906	TRISL	<b>475012N</b>
73022	VIC	<b>800220</b>	73124610	FI-AL	<b>455655<sup>28</sup></b>	7348LUP	JN-MN	<b>450030</b>	73912	TRISL	<b>127591</b>
73022043	FI-AL	<b>475009N</b>	73126934	FI-AL	<b>370030A</b>	7348LUP	JN-MN	<b>474253</b>	73914	TRISL	<b>127592</b>
73022066	FI-AL	<b>415371</b>	73130	VIC	<b>801300</b>	734A575AM	GE	<b>5872S</b>	7394631	SPICE	<b>415899N</b>
73024620	FI-AL	<b>410101N</b>	73140	VIC	<b>801400</b>	734A575AM1	GE	<b>5872S</b>	7394631	SPICE	<b>416624N</b>
73024645	FI-AL	<b>472439</b>	731400	MECH	<b>370132A</b>	734A575AN	GE	<b>470328</b>	73949	WAUKE	<b>6863S<sup>28</sup></b>
73024692	FI-AL	<b>450082</b>	731463-1	SPICE	<b>450298</b>	734A575AN	GE	<b>481213<sup>28</sup></b>	7399S	NATL	<b>343105</b>
73024692	FI-AL	<b>473238</b>	731463-1	SPICE	<b>473239</b>	734A575BBP1	GE	<b>6760S</b>	7399S	TIMKE	<b>7399S</b>
73024729	FI-AL	<b>455330<sup>28</sup></b>	731463-4	SPICE	<b>471689<sup>28</sup></b>	734A575BC	GE	<b>471224<sup>28</sup></b>	73A575BH1	GE	<b>470120</b>
73025	VIC	<b>800250</b>	73150	VIC	<b>801500</b>	734A575BC1	GE	<b>471224<sup>28</sup></b>	73A575BH1	GE	<b>471224<sup>28</sup></b>
73028	VIC	<b>800280</b>	731523	WILYS	<b>240151</b>	734A575BCP1	GE	<b>471224<sup>28</sup></b>	73W1	WHITE	<b>416345<sup>28</sup></b>
730283	OPEL	<b>223010</b>	73160	VIC	<b>801600</b>	735006	WILYS	<b>9613S</b>	73W1	WHITE	<b>455033</b>
73028697	FI-AL	<b>470308N</b>	73180	VIC	<b>801800</b>	73546311	SPICE	<b>450365</b>	7400	C-R	<b>473416</b>
73028740	FI-AL	<b>471224<sup>28</sup></b>	73193	ALLCH	<b>412473<sup>28</sup></b>	73546311	SPICE	<b>470898</b>	7400	C-R	<b>710272</b>
73030	VIC	<b>800300</b>	73193	ALLCH	<b>415894</b>	7354N	TIMKE	<b>7354N</b>	7400	SKF	<b>473416</b>
73032	VIC	<b>800320</b>	73194	ALLCH	<b>55301S</b>	7358	EATON	<b>450095</b>	7400	SKF	<b>710272</b>
73033846	FI-AL	<b>471442<sup>28</sup></b>	73197	ALLCH	<b>471887</b>	7358	EATON	<b>473464<sup>28</sup></b>	74001315	AA&M	<b>710648</b>
73034883	FI-AL	<b>410085N</b>	73200	VIC	<b>802000</b>	735884X	WILYS	<b>471643<sup>28</sup></b>	74001449	FI-AL	<b>472394</b>
73034959	FI-AL	<b>410101N</b>	732229	KELSE	<b>353132</b>	735995	WILYS	<b>340151</b>	74001710	AA&M	<b>4762N</b>
73035	VIC	<b>800350</b>	732235	OPEL	<b>710762</b>	735996	WILYS	<b>340151</b>	74002006	AA&M	<b>710547</b>
73037969	FI-AL	<b>415086N</b>	732237	OPEL	<b>221610</b>	73605H	IH	<b>410496<sup>28</sup></b>	74002024	AA&M	<b>710688</b>
73037969	FI-AL	<b>417487<sup>28</sup></b>	732328	KELSE	<b>455035N</b>	7360LPD	JN-MN	<b>415351<sup>28</sup></b>	74002025	AA&M	<b>710687</b>
73038222	FI-AL	<b>415854</b>	732333	KELSE	<b>415027</b>	7360LUP	JN-MN	<b>415351<sup>28</sup></b>	74003162	AA&M	<b>710491</b>
73038223	FI-AL	<b>470764<sup>28</sup></b>	732334	KELSE	<b>370020A</b>	7361LPD	JN-MN	<b>473463</b>	74004028	AA&M	<b>710506</b>
73038675	FI-AL	<b>473231<sup>28</sup></b>	732347	FABCO	<b>416364<sup>28</sup></b>	7361LUP	JN-MN	<b>473463</b>	74004029	AA&M	<b>710507</b>
73039422	FI-AL	<b>471554V</b>	732347	KELSE	<b>416364<sup>28</sup></b>	736400	MECH	<b>370131A</b>	74004030	AA&M	<b>710508</b>
73040	VIC	<b>800400</b>	732348	FABCO	<b>370018A</b>	736400	MECH	<b>380131A</b>	74004218	AA&M	<b>710549</b>
73040054	FI-AL	<b>470565<sup>28</sup></b>	732352	FABCO	<b>417349<sup>28</sup></b>	736400	MID	<b>380131A</b>	74004349	AA&M	<b>710686</b>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
74004744	AA&M	<b>710497</b>	742463-7	SPICE	<b>473233</b> <sup>28</sup>	743845	CLARK	<b>470625</b> <sup>28</sup>	74575	ALLCH	<b>471870</b> <sup>28</sup>
74006689	AA&M	<b>710474</b>	74251862	FI-AL	<b>471341</b> <sup>28</sup>	74386879	FI-AL	<b>471649</b> <sup>28</sup>	74575	ALLCH	<b>471883</b>
74007140	AA&M	<b>710558</b>	74252177	FI-AL	<b>415379</b>	74386927	FI-AL	<b>471689</b> <sup>28</sup>	74575	KEN	<b>471870</b> <sup>28</sup>
74007167	AA&M	<b>710105</b>	74253052	FI-AL	<b>416271</b> <sup>28</sup>	74391019	FI-AL	<b>471472</b> <sup>28</sup>	74575	KEN	<b>471883</b>
74007630	AA&M	<b>710491</b>	74253297	FI-AL	<b>40438S</b>	7439443310	RENAU	<b>223020</b>	7457N	TIMKE	<b>7457N</b>
74007656	AA&M	<b>710548</b>	74253341	FI-AL	<b>471571</b>	743987	LONG	<b>204027</b>	74610	CROWN	<b>6668S</b>
74007712	AA&M	<b>710536</b>	74253609	FI-AL	<b>40566S</b>	7440	C-R	<b>470954</b> <sup>28</sup>	74611773	FI-AL	<b>471567</b> <sup>28</sup>
74009402	AA&M	<b>710497</b>	74253670	FI-AL	<b>40370S</b>	7440	C-R	<b>480954</b>	74630121	FI-AL	<b>J1123</b>
7401	SABO	<b>710331</b>	74253765	FI-AL	<b>470358</b>	7440	C-R	<b>6835S</b>	7464	C-R	<b>2287</b>
74014	MURRA	<b>455251H</b>	74253765	FI-AL	<b>473231</b> <sup>28</sup>	7440	C-R	<b>8835S</b>	7464	C-R	<b>470954</b> <sup>28</sup>
74024562	FI-AL	<b>456641</b>	74253769	FI-AL	<b>455583N</b> <sup>28</sup>	7440	SKF	<b>470954</b>	7464	SKF	<b>2287</b>
74028922	FI-AL	<b>7568</b>	74253781	FI-AL	<b>417171</b> <sup>28</sup>	7440	SKF	<b>480954</b>	7464	SKF	<b>470954</b>
740400	MECH	<b>370107A</b>	74253982	FI-AL	<b>472287</b> <sup>28</sup>	7440	SKF	<b>6835S</b>	746.400	ELRNG	<b>710812</b>
74043977	FI-AL	<b>415035</b> <sup>28</sup>	74253999	FI-AL	<b>455336</b>	7440	SKF	<b>8835S</b>	746400	MECH	<b>370002A</b>
74043977	FI-AL	<b>455035</b>	74254050	FI-AL	<b>471570</b> <sup>28</sup>	7441	ALOY	<b>475458</b>	746463-1	SPICE	<b>473215</b> <sup>28</sup>
74063H	IH	<b>323138</b> <sup>28</sup>	74254101	FI-AL	<b>450194</b>	74410	AM WH	<b>472439</b>	7465	C-R	<b>6835S</b>
74065	EATON	<b>410686N</b>	74254101	FI-AL	<b>473010</b>	7443	C-R	<b>470954</b> <sup>28</sup>	7465	SKF	<b>6835S</b>
7409	C-R	<b>240735</b>	74254152	FI-AL	<b>450867</b>	7443	SKF	<b>470954</b>	74658	WAUKE	<b>470064</b>
7409	SKF	<b>240735</b>	74254152	FI-AL	<b>470898</b>	7444	SPICE	<b>473226</b>	74658	WAUKE	<b>471821</b> <sup>28</sup>
7409550	GMC	<b>6663S</b>	74254177	FI-AL	<b>40140S</b>	744400	MECH	<b>370029A</b>	7467	C-R	<b>470954V</b>
7410	C-R	<b>312518</b>	74254228	FI-AL	<b>415458</b> <sup>28</sup>	744463-1	SPICE	<b>416229</b>	7467	SKF	<b>470954V</b>
7410	SKF	<b>312518</b>	74254269	FI-AL	<b>470954</b> <sup>28</sup>	7445	ALOY	<b>5121</b>	7469	C-R	<b>470954</b> <sup>28</sup>
7411	C-R	<b>312518</b> <sup>28</sup>	74254269	FI-AL	<b>480954</b>	744581	HESST	<b>470605</b> <sup>28</sup>	7469	C-R	<b>6835S</b>
7411	SKF	<b>312518</b>	74254670	FI-AL	<b>471787</b> <sup>28</sup>	7446	ALOY	<b>3087</b>	7469	SKF	<b>470954</b>
7411429	HWY	<b>6584S</b>	74254936	FI-AL	<b>471268N</b>	744631	SPICE	<b>470120</b>	7469	SKF	<b>6835S</b>
741147	GMC	<b>370036A</b>	74254954	FI-AL	<b>450639</b>	744631	SPICE	<b>471224</b> <sup>28</sup>	7473	C-R	<b>19X32X8</b>
741147	GMC	<b>370349A</b>	74254963	FI-AL	<b>471554</b> <sup>28</sup>	744634	SPICE	<b>416271</b> <sup>28</sup>	7473	C-R	<b>221922</b>
741147	GMC	<b>380036A</b>	74254986	FI-AL	<b>40433S</b>	744682	CATER	<b>416044</b>	7473	SKF	<b>19X32X8</b>
7412	C-R	<b>7214</b>	74255130	FI-AL	<b>471829</b>	744789	HESST	<b>455280</b>	7473	SKF	<b>221922</b>
7412	SKF	<b>7214</b>	74255587	FI-AL	<b>471424</b> <sup>28</sup>	74482	AM WH	<b>471442</b> <sup>28</sup>	747350	MECH	<b>370036A</b>
7412S	TIMKE	<b>7412S</b>	74255839	FI-AL	<b>471787</b> <sup>28</sup>	744888	HESST	<b>204029</b>	747350	MECH	<b>370349A</b>
7413	C-R	<b>240816</b>	74255851	FI-AL	<b>40389S</b>	744888	HESST	<b>204507</b> <sup>28</sup>	747350	MECH	<b>380036A</b>
7413	SKF	<b>240816</b>	742EP46740	LUF	<b>370036A</b>	7449	C-R	<b>712014</b>	747350	MID	<b>380036A</b>
7414	C-R	<b>254270</b> <sup>28</sup>	742EP46740	LUF	<b>370349A</b>	7449	SKF	<b>712014</b>	7474	C-R	<b>480821</b> <sup>28</sup>
7414	C-R	<b>7750</b>	742EP49180	LUF	<b>370036A</b>	7450	C-R	<b>470954V</b>	7474	SKF	<b>480821</b>
7414	SKF	<b>254270</b>	742EP49180	LUF	<b>370349A</b>	7450	C-R	<b>480954V</b>	747400	MECH	<b>370036A</b>
7414	SKF	<b>7750</b>	74301537	FI-AL	<b>471763</b>	7450	SKF	<b>470954V</b>	747400	MECH	<b>370349A</b>
741400	MECH	<b>370192A</b>	74310523	FI-AL	<b>471192</b>	7450	SKF	<b>480954V</b>	747400	MECH	<b>380036A</b>
74147	GMC	<b>370036A</b>	74310527	FI-AL	<b>471643</b> <sup>28</sup>	74501458	FI-AL	<b>471765</b> <sup>28</sup>	747400	MID	<b>380036A</b>
74147	GMC	<b>370349A</b>	74311323	FI-AL	<b>416047</b>	74513621	FI-AL	<b>472439</b>	7475	C-R	<b>480821</b> <sup>28</sup>
74147	GMC	<b>380036A</b>	74311323	FI-AL	<b>416332</b> <sup>28</sup>	745201X	WILYS	<b>450298</b>	7475	SKF	<b>480821</b>
7415	C-R	<b>343185</b>	743231	CLARK	<b>240356</b>	745201X	WILYS	<b>473239</b>	7478	C-R	<b>470954</b> <sup>28,29</sup>
7415	SKF	<b>343185</b>	74334	WAUKE	<b>450070</b>	745267	DAVIS	<b>341022</b>	7478	SKF	<b>470954</b>
7416599	CONTI	<b>415003</b>	74334	WAUKE	<b>472185</b> <sup>28</sup>	7453	C-R	<b>470954V</b>	74789	WAUKE	<b>471442</b> <sup>28</sup>
7416599	CONTI	<b>415458</b> <sup>28</sup>	7433514943	RENAU	<b>223020</b>	7453	SKF	<b>470954V</b>	7481	ALOY	<b>8935S</b>
74166	HOUGH	<b>470351</b>	7434	C-R	<b>712027</b>	74538B	HERCU	<b>240319</b>	7481	C-R	<b>474131</b>
74166	HOUGH	<b>471504</b> <sup>28</sup>	7434	SKF	<b>712027</b>	745400	MECH	<b>370065A</b>	7481	SKF	<b>474131</b>
74166	WAUKE	<b>6460S</b>	743444850	DAEWO	<b>1172</b>	745400	MECH	<b>376590A</b>	7481	SPICE	<b>474131</b>
7416B1	WABCO	<b>473230</b> <sup>28</sup>	743444850	GMC	<b>1172</b>	745400	MECH	<b>380065A</b>	7481	SPICE	<b>480821</b> <sup>28</sup>
7417	C-R	<b>7750</b>	743463-3	SPICE	<b>470954</b> <sup>28</sup>	745400	MID	<b>380065A</b>	74818	C-R	<b>190X230X16</b>
7417	SKF	<b>7750</b>	743463-4	SPICE	<b>415004</b>	745463-4	SPICE	<b>472015</b> <sup>28</sup>	74818	SKF	<b>190X230X16</b>
74192A	HERCU	<b>470219</b>	743463-4	SPICE	<b>417316</b> <sup>28</sup>	7454635	SPICE	<b>417343</b> <sup>28</sup>	74819990	FI-AL	<b>416556</b> <sup>28</sup>
74192A	HERCU	<b>471649</b> <sup>28</sup>	743463-5	SPICE	<b>417171</b> <sup>28</sup>	7455	C-R	<b>470954V</b>	74819990	FI-AL	<b>472157</b>
742400	MECH	<b>370010A</b>	74349736	FI-AL	<b>472234</b>	7455	SKF	<b>470954V</b>	7484	SABO	<b>710468</b>
74241862	FI-AL	<b>471341</b> <sup>28</sup>	7436842092	RENAU	<b>710669</b>	74559	C-P	<b>471571</b>	7484	SPICE	<b>470027</b>
742463-1	SPICE	<b>416865</b> <sup>28</sup>	7436842272	RENAU	<b>710790</b>	74568	WAUKE	<b>471744</b> <sup>28</sup>	7484	SPICE	<b>471554</b> <sup>28</sup>
742463-2	SPICE	<b>450066</b>	7436842273	RENAU	<b>1172</b>	7456A	F-R-H	<b>481864</b>	74841	GRAM	<b>473471</b>
742463-2	SPICE	<b>473367</b> <sup>28</sup>	74371692	FI-AL	<b>470169</b>	74573	ALLCH	<b>472029</b>	74854	ALLCH	<b>415138</b> <sup>28</sup>
742463-5	SPICE	<b>415138</b> <sup>28</sup>	74371692	FI-AL	<b>473214</b> <sup>28</sup>	74574	ALLCH	<b>415995</b> <sup>28</sup>	7486S	TIMKE	<b>7486S</b>
7424636	SPICE	<b>471224</b> <sup>28</sup>	743845	CLARK	<b>470548</b>	74574	ALLCH	<b>455013</b>	7487	AT SU	<b>7994S</b>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
74907118	FI-AL	416297	7517	SABO	710687	755400	MECH	380025A	7591	SKF	471498
749077	DAVIS	200338	7517	SKF	471554V	755400	MECH	386025A	7592223	SAAB	223540
749234	DAVIS	340815	75213	SPICE	415001 <sup>2B</sup>	755400	MID	380025A	7594	ALOY	3677
749242	DAVIS	450441	75213	SPICE	455001	755463-1	SPICE	473204	7594	ALOY	41257
749242	DAVIS	471341 <sup>2B</sup>	752352	DAVIS	470543	755463-2	SPICE	473204	759510XX	TIMKE	75X95X10
7494	SPICE	470027	752352	DAVIS	474272 <sup>2B</sup>	755463-3	SPICE	6835S	759704-C91	IH	370019A
7494	SPICE	471554 <sup>2B</sup>	752463-1	SPICE	471854 <sup>2B</sup>	755463-4	SPICE	471854 <sup>2B</sup>	759704C91	NAVST	370019A
749400	MECH	370037A	75249336	FI-AL	415483	7554655	SPICE	473204	759A7	WHITE	471795
749400	MECH	370338A	75249336	FI-AL	J1117	7556	C-R	7929S	75DT7052A3A	FORD	2655
749510	LONG	471744 <sup>2B</sup>	75260H	FULLE	450183	7556	SKF	7929S	75KH-16	MACK	5578 <sup>30</sup>
7495S	TIMKE	7495S	75260H	FULLE	472179	75569	FITZ	5M81	75WT7657AA	FORD	2443
7497	ALLCH	415498	75260H	IH	450183	75573	FITZ	5MR71	75X10010XX	TIMKE	75X100X10
7497	TRAC	415498	75260H	IH	472179	755781	CLARK	471750 <sup>2B</sup>	75X10012XX	TIMKE	75X100X12
7498	ALOY	8704S	75266	FITZ	473450 <sup>2B</sup>	75581	RENAU	35X50X8 <sup>2B</sup>	75X100X10	TIMKE	75X100X10
7498	TRAC	450143	75280	SPICE	416158	75581	RENAU	3771	75X100X12SC	TRSCM	75X100X12 <sup>2B</sup>
74988992	FI-AL	470351	753	CARDX	473211 <sup>2B</sup>	75594	ALLCH	450441	75X100X12TC	TRSCM	75X100X12 <sup>2B</sup>
7499	ALOY	8695S	753081	ALLCH	416891 <sup>2B</sup>	75594	ALLCH	471341 <sup>2B</sup>	7561	ALOY	8121S
74994488	FI-AL	416130 <sup>2B</sup>	753081C33	ALLCH	416891 <sup>2B</sup>	7561	ALOY	331227H	75X10513XX	TIMKE	75X105X13
74DT7052B3A	FORD	2655	753087	DAVIS	472164 <sup>2B</sup>	7562	ALOY	331227H	75X105X13	SIMRT	75X105X13
74DT7A248A3A	FORD	2658V	7533	C-R	471554	75628	FITZ	5M403	75X105X13SC	TRSCM	75X105X13
74HB1175AA	FORD	370019A	7533	C-R	471554V	7563	ALOY	471827 <sup>2B</sup>	75X105X13TC	TRSCM	75X105X13
74HB1175CA	FORD	370063A	7533	SKF	471554	7563	ALOY	8160S	75X11512XX	TIMKE	75X115X12
74TP-7H260AB	FORD	710583	7533	SKF	471554V	75637	FITZ	5M403	75X115X12	TIMKE	75X115X12
75	BL-KN	417490	753463-1	SPICE	471344	756400	MECH	370025A	75X12010XX	TIMKE	75X120X10
7500048	BORGW	473205	7535	C-R	710597	756400	MECH	380025A	75X90X10	SIMRT	75X90X10
75013S	TROS	340771	7535	SKF	710597	756400	MECH	386025A	75X90X10SC	TRSCM	75X90X10
75030	C-R	415867	75359	GRAY	470059	756400	MID	380025A	75X90X10TC	TRSCM	75X90X10
75030	FITZ	5M81	75359	GRAY	470380 <sup>2B</sup>	7565	ALOY	6840S	75X95X10	TIMKE	75X95X10
75030	SKF	415867	7536	C-R	471554 <sup>2B</sup>	75661	FITZ	6064	75X95X10SC	TRSCM	75X95X10
75040	SPICE	415001 <sup>2B</sup>	7536	DICO	204029	75662412	TROS	417563	75X95X10TC	TRSCM	75X95X10
75050	C-R	415551 <sup>29</sup>	7536	DICO	204507 <sup>2B</sup>	75669	FITZ	5M89	760040M1	MASSE	340385
75050	SKF	415551	7536	SKF	471554	75673	FITZ	5M466	7600S	TIMKE	7600S
7506	FAIRB	415072	75360	GRAY	472439	7568	ALOY	8516N	7602	CHAMP	471692 <sup>2B</sup>
7506	GR-DV	415072	75361	GRAY	411253 <sup>2B</sup>	7568	TIMKE	7568	7603	CHAMP	417191
7506	MINMA	415072	75361	GRAY	450099	75681	FITZ	5M81	7604	CHAMP	450298
7506K	SUL	415072	75362	GRAY	416921 <sup>2B</sup>	7571	C-R	471567 <sup>2B</sup>	7604	CHAMP	473239
75088	ALLCH	415138 <sup>2B</sup>	75362	GRAY	455011	7571	SKF	471567	760400	MECH	370106A
75089	FITZ	5M89	7537	AT SU	7537S	75717	FITZ	5MR1008	760463-1	SPICE	417040
7 509 358	OPEL	710786	7537	C-R	40027S	75718	FITZ	5MR1009	7607	TIMKE	7607
7510512A	HARWA	75X105X13	7537	SKF	40027S	7572	C-R	471567 <sup>2B</sup>	76080	GLASE	710332
75111	WAUKE	470059	753764	DAVIS	441853	7572	FULLE	417181 <sup>2B</sup>	76085	GLASE	710824
75111	WAUKE	470380 <sup>2B</sup>	7537S	TIMKE	7537S	7572	SKF	471567	760885-C91	IH	370023A
75117	WAUKE	470059	7539	FULLE	415041	7573	C-R	471567 <sup>2B</sup>	760885C91	NAVST	370023A
75117	WAUKE	470380 <sup>2B</sup>	754036	DAVIS	340009S	7573	SKF	471567	760885C91	NAVST	380023A
75117A	WAUKE	470059	754044	DAVIS	240735	757.497	ELRNG	3774	760908M1	MASSE	471137
75117A	WAUKE	470380 <sup>2B</sup>	75416	FITZ	5M289	75767	ALLCH	455820	7612S	NATL	474278 <sup>2B</sup>
7512	C-R	470027	7542	ALOY	493291	757A7	WHITE	471192	76137X	SPICE	710519
7512	EATON	415991	754226	DAVIS	450301	7581H	TIMKE	7581H	761400	MECH	370003A
7512	FULLE	415991	754226	DAVIS	472397 <sup>2B</sup>	758400	MECH	370178A	761400	MECH	380003A
7512	SKF	470027	7542B	CATER	411253 <sup>2B</sup>	75856TA	TRSCM	415867	761400	MID	380003A
7512SSO	TIMKE	7512SSO	7542B	CATER	450099	7588	C-R	450340	76143	GLASE	710620
7513	C-R	471554 <sup>2B</sup>	7542B	HYST	411253 <sup>2B</sup>	7588	SKF	450340	761463-1	SPICE	472439
7513	SKF	471554	7542B	HYST	450099	758A7	WHITE	473227	761463-2	SPICE	450494
751369	MARMO	470088	75453	FITZ	5MR71	759008A	HARWA	75X90X10	761463-2	SPICE	472164 <sup>2B</sup>
751463-1	SPICE	415379	754642	SPICE	418028	759010XX	TIMKE	75X90X10	761654M1	MASSE	412473 <sup>2B</sup>
7515	C-R	471554V	754642	SPICE	455137 <sup>2B</sup>	759016	PINER	2194	761654M1	MASSE	415894
7515	SKF	471554V	75479	FITZ	5MR71	759024	PINER	9613S	7618	AT SU	9150S
7516	SABO	710648	75480	FITZ	5MR71	7591	ALOY	331228H	761882M1	MASSE	417181 <sup>2B</sup>
751.610	ELRNG	229010	75531	CROWN	471442 <sup>2B</sup>	7591	C-R	471498 <sup>29</sup>	76208C	DIA	6270
7517	C-R	471554V	755400	MECH	370025A	7591	DOMGA	331228H			

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
76215	C-R	<b>416102</b>	7693	SKF	<b>472649</b>	7700619460	CITRO	<b>229005</b>	770400	MID	<b>380023A</b>
76215	SKF	<b>416102</b>	769400	MECH	<b>370121A</b>	7700619461	RENAU	<b>223005</b>	7704631	SPICE	<b>415035</b>
762.172	ELRNG	<b>710290</b>	76946	BENDI	<b>450183</b>	7700668575	RENAU	<b>1172</b>	7704631	SPICE	<b>415953</b>
76220	GLASE	<b>716484</b>	76946	BENDI	<b>472179</b>	7700668576	RENAU	<b>1172</b>	77049	CROWN	<b>417485</b>
762400	MECH	<b>370030A</b>	76976	WAUKE	<b>471281</b> <sup>28</sup>	7700695940	RENAU	<b>716102</b>	7705	FULLE	<b>417172</b>
76246361	SPICE	<b>370043A</b>	76X13	GARLK	<b>330385</b> <sup>28</sup>	7700714701	RENAU	<b>716102</b>	77055	GLASE	<b>710894</b>
76255	C-R	<b>417598</b>	76X1329	GARLK	<b>472015</b> <sup>28</sup>	7700716923	RENAU	<b>1172</b>	770895	EL-PA	<b>450084</b> <sup>28</sup>
76255	SKF	<b>417598</b>	76X1482	GARLK	<b>471138</b> <sup>28</sup>	7700718505	RENAU	<b>229005</b>	770914	EL-PA	<b>473215</b> <sup>28</sup>
7627	C-R	<b>471643</b> <sup>28</sup>	76X291	GARLK	<b>471649</b> <sup>28</sup>	7700719273	RENAU	<b>223005</b>	77099	MATHR	<b>39920</b>
7627	SKF	<b>471643</b>	76X3130	GARLK	<b>415938</b>	7700719274	RENAU	<b>225020</b>	771018	EL-PA	<b>450194</b>
7628	C-R	<b>471643</b> <sup>28</sup>	76X4701	GARLK	<b>472954</b>	7700719683	CITRO	<b>225020</b>	771018	EL-PA	<b>473010</b>
7628	SKF	<b>471643</b>	76X5085	GARLK	<b>481537</b>	7700743159	RENAU	<b>1172</b>	77108	GLASE	<b>710849</b>
762D6	WHITE	<b>JV701</b>	76X51	GARLK	<b>471526</b> <sup>28</sup>	7700743161	CITRO	<b>228010</b>	771081	EL-PA	<b>410102</b>
7630	SABO	<b>710548</b>	76X541	GARLK	<b>471192</b>	7700743161	RENAU	<b>228010</b>	771085	EL-PA	<b>473471</b>
763123	AVCO	<b>42081S</b> <sup>28</sup>	76X6099	GARLK	<b>481397</b>	7700853373	CHRYS	<b>229005</b>	77115	HYST	<b>416107</b> <sup>28</sup>
7632453	FIAT	<b>1012N</b>	76X6103	GARLK	<b>471529</b>	7700853373	RENAU	<b>229005</b>	771400	MECH	<b>370019A</b>
7632453	FIAT	<b>710934</b>	76X6113	GARLK	<b>1049</b>	7700854842	RENAU	<b>1172</b>	77153	GLASE	<b>710812</b>
763400	MECH	<b>370005A</b>	76X6156	GARLK	<b>471270</b> <sup>28</sup>	7700854852	RENAU	<b>1172</b>	771723C91	IH	<b>370021A</b>
763400	MECH	<b>370173A</b>	76X6169	GARLK	<b>471652</b>	7700859691	RENAU	<b>710329</b>	77173R91	IH	<b>475380N</b>
763461-1	SPICE	<b>100495</b>	76X6186	GARLK	<b>7412S</b>	7700859692	RENAU	<b>228010</b>	7718472	BRADF	<b>476470</b>
763461-1	SPICE	<b>415281N</b>	76X714	GARLK	<b>450185</b>	7700866877	RENAU	<b>225020</b>	7721	NATL	<b>5113</b>
7636	C-R	<b>471684</b> <sup>28</sup>	76X714	GARLK	<b>473229</b>	7700873534	RENAU	<b>223220</b>	7723	TRAC	<b>450313</b>
7636	SKF	<b>471684</b>	76X7482	GARLK	<b>455583N</b> <sup>28</sup>	7700S	TIMKE	<b>7700S</b>	772400	MECH	<b>370021A</b>
76364	GR-DV	<b>457874</b>	76X7488	GARLK	<b>471551</b> <sup>28</sup>	7701027247	RENAU	<b>223010</b>	772E-11	CLARK	<b>416271</b> <sup>28</sup>
76378	GLASE	<b>229005</b>	76X7501	GARLK	<b>330699</b> <sup>28</sup>	7701065057	RENAU	<b>710621</b>	772E-13	CLARK	<b>416271</b> <sup>28</sup>
763831	CLARK	<b>455197N</b>	76X7504	GARLK	<b>472705</b> <sup>28</sup>	7701348114	RENAU	<b>3771</b>	7733	SABO	<b>710561</b>
76436	GMC	<b>474278</b> <sup>28</sup>	76X7510	GARLK	<b>350414</b>	7701348541	RENAU	<b>223010</b>	773400	MECH	<b>370009A</b>
76436	GMC	<b>480356</b>	76X7510	GARLK	<b>472311</b> <sup>28</sup>	7701348980	RENAU	<b>229005</b>	773400	MECH	<b>380009A</b>
76438	GLASE	<b>710790</b>	76X7512	GARLK	<b>1037</b>	7701349119	RENAU	<b>223005</b>	7735S	NATL	<b>471652</b>
76447	CHRYS	<b>450084</b> <sup>28</sup>	76X7517	GARLK	<b>481163</b> <sup>28</sup>	7701349138	RENAU	<b>1172</b>	773.620	ELRNG	<b>223020</b>
76470H	IH	<b>450025</b>	76X7518	GARLK	<b>471766</b> <sup>28</sup>	7701349139	RENAU	<b>223005</b>	77362133	FIAT	<b>223830</b>
76470H	IH	<b>471553</b> <sup>28</sup>	76X7520	GARLK	<b>340853</b>	7701349140	RENAU	<b>225020</b>	77362134	LANCA	<b>710582</b>
76490H	IH	<b>471787</b> <sup>28</sup>	76X7521	GARLK	<b>330663</b>	7701349595	AMC	<b>225020</b>	77362436	ALFAR	<b>223830</b>
765110B	SPERY	<b>417344</b> <sup>28</sup>	76X7521	GARLK	<b>472354</b> <sup>28</sup>	7701349595	RENAU	<b>225020</b>	77365	GLASE	<b>710600</b>
765110B	SPERY	<b>455006</b>	76X7534	GARLK	<b>476842</b>	7701349596	RENAU	<b>229005</b>	77387	GLASE	<b>710788</b>
765110B	VICK	<b>417344</b> <sup>28</sup>	76X8356	GARLK	<b>481481</b>	7701349625	AMC	<b>223005</b>	7740	C-R	<b>7750</b>
765110B	VICK	<b>455006</b>	76X88	GARLK	<b>471466</b> <sup>28</sup>	7701349625	RENAU	<b>223005</b>	7740	SKF	<b>7750</b>
765143	VICK	<b>450301</b>	76X8949	GARLK	<b>481481</b>	7701349626	RENAU	<b>1172</b>	7741	FULLE	<b>475384</b>
765143	VICK	<b>472397</b> <sup>28</sup>	76X8952	GARLK	<b>471633</b> <sup>28</sup>	7701349629	RENAU	<b>1172</b>	77424	GLASE	<b>710790</b>
7654634	SPICE	<b>415138</b> <sup>28</sup>	76X9489	GARLK	<b>471570</b> <sup>28</sup>	770308097	AMC	<b>3771</b>	774400	MECH	<b>370024A</b>
7661	C-R	<b>473406</b> <sup>28</sup>	76X9490	GARLK	<b>471649</b> <sup>28</sup>	7703087024	RENAU	<b>716484</b>	7745	C-R	<b>222028</b>
7661	SKF	<b>473406</b>	76X9675	GARLK	<b>450400</b>	7703087026	RENAU	<b>223010</b>	7745	SKF	<b>222028</b>
7663	SABO	<b>710497</b>	76X9879	GARLK	<b>335924N</b>	7703087035	FIAT	<b>228010</b>	77461	GLASE	<b>320348</b>
766571-C91	IH	<b>370003A</b>	76X9971	GARLK	<b>481181</b> <sup>28</sup>	7703087035	RENAU	<b>228009</b>	77463	GLASE	<b>710811</b>
766571C91	NAVST	<b>370003A</b>	76X9971	GARLK	<b>481181N</b>	7703087035	TALBO	<b>228009</b>	77499H	IH	<b>417488</b> <sup>28</sup>
766571C91	NAVST	<b>380003A</b>	76X9975	GARLK	<b>472015</b> <sup>28</sup>	7703087051	RENAU	<b>223010</b>	7750	TIMKE	<b>7750</b>
7684631	SPICE	<b>410520</b>	76X9991	GARLK	<b>481443</b> <sup>28</sup>	7703087075	RENAU	<b>35X50X8</b> <sup>28</sup>	77518H	IH	<b>415991</b>
7684631	SPICE	<b>471272</b> <sup>28</sup>	76X9992	GARLK	<b>480581</b>	7703087075	RENAU	<b>3771</b>	77518H	IH	<b>455146</b> <sup>28</sup>
768463-4	SPICE	<b>470898</b>	7700087195	RENAU	<b>225020</b>	7703087079	RENAU	<b>224520</b>	7751H	TIMKE	<b>7751H</b>
76851	BENDI	<b>330385</b> <sup>28</sup>	7700273776	RENAU	<b>1172</b>	7703087079	RENAU	<b>45X60X10</b> <sup>28</sup>	77540	C-R	<b>455406</b> <sup>28</sup>
76865TA	TRSCM	<b>416102</b>	7700517035	RENAU	<b>224520</b>	7703087080	FIAT	<b>228010</b>	77540	SKF	<b>455406</b>
76872	BENDI	<b>471570</b> <sup>28</sup>	7700517057	RENAU	<b>228010</b>	7703087080	RENAU	<b>228009</b>	775400	MECH	<b>370008A</b>
7687S	TIMKE	<b>7687S</b>	7700522314	RENAU	<b>3771</b>	7703087080	RENAU	<b>228009</b>	77568	FAIRB	<b>417562</b>
7690	C-R	<b>470390</b>	7700595940	RENAU	<b>716102</b>	7703087087	RENAU	<b>710197</b> <sup>28</sup>	775698C91	IH	<b>370003A</b>
7690	SKF	<b>470390</b>	7700619236	CITRO	<b>223005</b>	7703087104	RENAU	<b>223010</b>	775698C91	NAVST	<b>380003A</b>
76916TA	TRSCM	<b>417598</b>	7700619236	RENAU	<b>223005</b>	7703087108	RENAU	<b>9912</b>	77585	C-R	<b>417115</b>
7692	C-R	<b>473407</b>	7700619237	CITRO	<b>1172</b>	7703087189	RENAU	<b>223005</b>	77585	SKF	<b>417115</b>
7692	SKF	<b>473407</b>	7700619237	RENAU	<b>1172</b>	7703445	FT-WA	<b>6835S</b>	776400	MECH	<b>370033A</b>
7692S	TIMKE	<b>7692S</b>	7700619238	RENAU	<b>229005</b>	770400	MECH	<b>370023A</b>	776438R1	IH	<b>473437</b>
7693	C-R	<b>472649</b>	7700619239	RENAU	<b>225020</b>	770400	MECH	<b>380023A</b>	77672	HYST	<b>450365</b>

**INTERCHANGE SECTION**

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
77672	HYST	470898	78451	WIP-L	5433	78X648	GARLK	470380 <sup>28</sup>	7924	SKF	222036
77692	HYST	470898	7849	C-R	481568 <sup>28</sup>	78X6870	GARLK	455134 <sup>28</sup>	7925	C-R	20X37X7
777	GARLK	481864	7849	SKF	481568	78X7033	GARLK	470954 <sup>28</sup>	7925	SKF	20X37X7
7772	FULLE	412861	784911	CLARK	450185	78X7090	GARLK	471271 <sup>28</sup>	7926	C-R	20X35X7 <sup>29</sup>
77732A	BENDI	470027	784911	CLARK	473229	78X7256	GARLK	472446	7926	SKF	20X35X7
77732A	BENDI	471554 <sup>28</sup>	784959	CLARK	5778	78X7295	GARLK	416127	7929	C-R	20X35X7 <sup>28</sup>
77734	AM WH	471689 <sup>28</sup>	785400	MECH	370022A	78X837	GARLK	473234 <sup>28</sup>	7929	C-R	222030
777400	MECH	370173A	785400	MECH	380022A	78X9508	GARLK	471466 <sup>28</sup>	7929	SKF	20X35X7
7774634	SPICE	473238 <sup>28</sup>	785400	MID	380022A	78X9509	GARLK	471264 <sup>28</sup>	7929	SKF	222030
77746343	SPICE	473238 <sup>28</sup>	78552	BENDI	330385 <sup>28</sup>	78X9994	GARLK	471689 <sup>28</sup>	7929S	TIMKE	7929S
777.471	ELRNG	223235	7860	EATON	416654 <sup>28</sup>	7900	C-R	20X30X5	7930	C-R	20X38X7
7775N	NATL	417354 <sup>28</sup>	7860	EATON	455012	7900	C-R	222025	7930	SKF	20X38X7
777J-1	OSHKO	415937 <sup>28</sup>	7861	C-R	222025	7900	SKF	20X30X5	793246	GMC	100495
7780	TIMKE	7780N	7861	SKF	222025	7900	SKF	222025	793246	GMC	5601
778037	WHITE	45637S	786400	MECH	370057A	7902	C-R	20X28X6	79-339710	BUC-E	416888 <sup>28</sup>
7780N	TIMKE	7780N	7866S	TIMKE	7866S	7902	SKF	20X28X6	79-339710	BUC-E	455200
77819H	IH	410987 <sup>28</sup>	786D6	WHITE	415060	7903087018	TALBO	224520	7934S	TIMKE	7934S
77819H	IH	450686	78705	C-R		790400	MECH	370006A	793666	GMC	417181 <sup>28</sup>
7781S	TIMKE	7781S	200X230X15 <sup>28</sup>			7905	C-R	222025	7937N	TIMKE	7937N
7782N	NATL	2942	78705	SKF	200X230X15	7905	SKF	222025	79385	HYST	415991 <sup>28</sup>
778400	MECH	370169A	787052	FORD	5872S	790963	GMC	416664 <sup>28</sup>	79385	HYST	415991N
7790H	TIMKE	7790H	78712	WAUKE	40395	790963	GMC	455364	79387	HYST	471271 <sup>28</sup>
77926SA	TRSCM	455406 <sup>28</sup>	78712	WAUKE	40395S	790964	GMC	410519	79388	HYST	417181 <sup>28</sup>
7797	EATON	5MR71	7872	C-R	481644	790964	GMC	471271 <sup>28</sup>	79389	HYST	416271 <sup>28</sup>
78016	HYST	6988H	7872	SKF	481644	7910	C-R	20X32X7 <sup>28</sup>	79-39910	BUC-E	416888 <sup>28</sup>
7801626	GMC	313842	7873	HYST	470077	7910	C-R	222020	79-39910	BUC-E	455200
7802160	GMC	480821 <sup>28</sup>	7873	HYST	474281 <sup>28</sup>	7910	SKF	20X32X7	7940	C-R	20X40X7 <sup>28</sup>
780316C91	IH	370124A	78738	C-R	455121 <sup>29</sup>	7910	SKF	222020	7940	C-R	222050
78062	WAUKE	473227 <sup>28</sup>	78738	SKF	455121	7912	TOWNR	6575S	7940	SKF	20X40X7
78062	WAYNE	473227	78780	C-R	417016	7914	C-R	222025 <sup>28</sup>	7940	SKF	222050
7808195	GMC	7013S	78780	SKF	417016	7914	SKF	222025	7941	FMS	340151
78083	CHRYS	470077	787D6	WHITE	416130 <sup>28</sup>	791400	MECH	370069A	7941	HYST	415988
78083	CHRYS	474281 <sup>28</sup>	788400	MECH	370009A	791400	MECH	380069A	794408C91	IH	370182A
78084	AM WH	473313	788400	MECH	380009A	791436	CLARK	240735	794408C91	NAVST	370048A
780D6	WHITE	415437 <sup>28</sup>	788484C91	IH	370001A	791471	GMC	4561V	794408C91	NAVST	380048A
780D6	WHITE	455173	788484C91	NAVST	380001A	791471	GMC	5602	79470	EATON	9773
781175	FORD	5877	788485C91	IH	370023A	7915	C-R	20X35X7 <sup>28</sup>	7950	C-R	20X42X7
781175A	FORD	5877	788485C91	NAVST	380023A	7915	C-R	222030	7950	C-R	222060
7814	C-R	470601	78857	EATON	415164N	7915	SKF	20X35X7	7950	SKF	20X42X7
7814	SKF	470601	7886	JOY	417563	7915	SKF	222030	7950	SKF	222060
781400	MECH	370034A	788612	HU-WR	417563	7916	C-R	20X35X7	7950265040	NRWST	415551
7816612	GMC	251511	7886S	TIMKE	7886S	7916	SKF	20X35X7	7954	C-R	20X47X7
7817	SABO	710686	7889	C-R	474273 <sup>28</sup>	7918	C-R	710450	7954	SKF	20X47X7
7819793	CHRYS	710285	7889	SKF	474273	7918	SKF	710450	79567H	IH	415449 <sup>28</sup>
7824	C-R	481443V	789400	MECH	370031A	7919	C-R	20X36X7	79567H	IH	455147
7824	SKF	481443V	789400	MECH	380031A	7919	SKF	20X36X7	7959	HYST	415351 <sup>28</sup>
782400	MECH	370019A	789400	MID	380031A	7920	C-R	20X36X7	79634H	IH	450082
78274	HARRI	472560N <sup>28</sup>	78D	HWY	417518	7920	C-R	222036	79634H	IH	473238
78274	HARRI	50151S	78M1	WHITE	50468	7920	SKF	20X36X7	7965	C-R	20X47X7
7828565	GMC	351267	78X10510XX	TIMKE	78X105X10	7920	SKF	222036	7965	SKF	20X47X7
7829	C-R	481443 <sup>28,29</sup>	78X114	GARLK	471553 <sup>28</sup>	7921	C-R	20X36X7	7966589	WILYS	450588 <sup>28</sup>
7829	SKF	481443	78X11510XX	TIMKE	78X115X10	7921	C-R	222036	7966691	WILYS	471765 <sup>28</sup>
7831	C-R	481443 <sup>28,29</sup>	78X1474	GARLK	471272 <sup>28</sup>	7921	SKF	20X36X7	79667H	IH	411253 <sup>28</sup>
7831	SKF	481443	78X2120	GARLK	417344 <sup>28</sup>	7921	SKF	222036	79667H	IH	450099
7832730	GMC	222025	78X542	GARLK	471192	7922	C-R	222030	79668H	IH	475012N
7834	TIMKE	7834	78X550	GARLK	470950 <sup>28</sup>	7922	SKF	222030	79680H	IH	450085
7837492	GMC	7013S	78X550	GARLK	6241S	7923	C-R	222030	79680H	IH	470530 <sup>28</sup>
7838143	GMC	710285	78X6231	GARLK	473231 <sup>28</sup>	7923	SKF	222030	79688H	IH	475012N
7838145	GMC	710285	78X6252	GARLK	472164 <sup>28</sup>	7924	C-R	222036	7979349	GMC	6663S
7840S	TIMKE	7840S	78X6436	GARLK	476820	7924	SABO	710561	7979453	AMC	450066

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
7979453	AMC	473367 <sup>28</sup>	7B3568	CATER	416154 <sup>28</sup>	7F3536	CATER	474278 <sup>28</sup>	7S410	BORGW	710416
7979455	AMC	450066	7B368	CATER	416154 <sup>28</sup>	7F3536	CATER	6859S	7S420T	BORGW	223420
7979455	AMC	473367 <sup>28</sup>	7B3736	CATER	415007	7F4236	CATER	456057	7S440	BORGW	710418
7979456	AMC	472826 <sup>28</sup>	7B3785	CATER	415035 <sup>28</sup>	7F5916	CATER	415551	7S6798	CATER	330385
7980	C-R	20X52X7	7B3785	CATER	455035	7F5921	CATER	417350 <sup>28</sup>	7T4E-6701-BA	FORD	710896
7980	SKF	20X52X7	7B430	CATER	417316 <sup>28</sup>	7F5921	CATER	455479	7T4P-1177-A	FORD	710546
7981	C-R	20X52X7	7B430	CATER	455004	7F6885	CATER	417487	7T4P-1177-D	FORD	710546
7981	SKF	20X52X7	7B4375	CATER	471526 <sup>28</sup>	7F6885	CATER	455086	7T4P-7F337-B	FORD	710544
7984661	IVECO	415082N	7B4624	CATER	412871 <sup>28</sup>	7F9214	CATER	415035	7T4P-7F337-BA	FORD	710544
7985071	AMC	410708	7B4624	CATER	450329	7G13-7J216-AA	FORD	710738	7T4P-7F401-AC	FORD	710561
798528	GMC	415007	7B4962	CATER	416011	7G1Z-1177-A	FORD	710738	7T4Z-1177-A	FORD	710546
7986	C-R	20X42X10	7B4962	CATER	417621 <sup>28</sup>	7H2199	CATER	415213N	7T4Z-1177-B	FORD	710583
7986	SKF	20X42X10	7B5425	CATER	415449 <sup>28</sup>	7H6991	CATER	412943	7T4Z-1177-C	FORD	710583
7989	WOODB	455079 <sup>28</sup>	7B556	CATER	471255 <sup>28</sup>	7H7107	CATER	472015 <sup>28</sup>	7T4Z-1177-D	FORD	710546
79903	EATON	343099	7B8320	CATER	471570 <sup>28</sup>	7J6582	CATER	417211 <sup>28</sup>	7T4Z-6701AA	FORD	710896
7993	TOWNR	200110	7B8821	CATER	412473 <sup>28</sup>	7J6583	CATER	415991	7T4Z-7F337-B	FORD	710544
7994S	TIMKE	7994S	7B8821	CATER	415894	7J6583	CATER	455146 <sup>28</sup>	7T4Z-7F401-A	FORD	710561
799527	CLARK	470680	7C-1728	CATER	39883	7K2009	CATER	471138 <sup>28</sup>	7T4Z-7F401-B	FORD	710561
799527	CLARK	471570 <sup>28</sup>	7C1813	CATER	39926	7K2830	CATER	415458 <sup>28</sup>	7W3200	CATER	39801
799528	CLARK	471267 <sup>28</sup>	7C34-1175-AA	FORD	710701	7K9201	CATER	710023	7W6130	CATER	5613 <sup>28</sup>
799529	CLARK	471413 <sup>28</sup>	7C34-1190-AA	FORD	710584	7K9202	CATER	710024	7W6130	FPDSL	5613
799530	CLARK	470625 <sup>28</sup>	7C3570	CATER	39881	7K9203	CATER	710025	7W6131	CATER	5613 <sup>28</sup>
799531	CLARK	473227 <sup>28</sup>	7C3571	CATER	39880	7K9204	CATER	710026	7W7P-7052-AA	FORD	4764
79960	C-R	415656 <sup>29</sup>	7C3Z-1175-A	FORD	710584	7K9205	CATER	710027	7W7Z-7052-A	FORD	4764
79960	SKF	415656	7C3Z-1S175-A	FORD	710701	7K9206	CATER	710027	7X16X7	FORSH	7X16X7
79961	C-R	415656 <sup>29</sup>	7C3Z-7B215-B	FORD	710653	7K9208	CATER	710038	7X16X7	SIMRT	7X16X7
79961	SKF	415656	7C4163	CATER	39882	7K9209	CATER	710028	7X16X7	TIMKE	7X16X7
799845	GMC	450094	7C4297	CATER	39886	7K9211	CATER	710030	7X16X7SC	TRSCM	7X16X7
799845	GMC	473462	7C6660	CATER	39802	7L1W4C046BA	FORD	100537	7X16X7TC	TRSCM	7X16X7
79992-3110	SUBAR	1974	7D003	SHOV	470088	7L1W4C046BA	FORD	710950	7X22X7	FORSH	7X22X7
79997	C-R	417600	7D011	SHOV	455336	7L1W4C046CA	FORD	100537	7X22X7	SIMRT	7X22X7
79997	SKF	417600	7D33	CATER	416292	7L1W4C046CA	FORD	710950	7X22X7	TIMKE	7X22X7
79998	C-R	417600	7D9007	CATER	352541	7L1Z-4A109-A	FORD	710950	7X22X7SC	TRSCM	7X22X7
79998	SKF	417600	7E5P-7H260-AA	FORD	710773	7L1Z-4A109-B	FORD	710950	7X22X7TC	TRSCM	7X22X7
799D5	WHITE	415137 <sup>28</sup>	7E5P-7H260-BA	FORD	710708	7L1Z-4A109-C	FORD	710950	7XA864	OLIVE	415303 <sup>28</sup>
799D5	WHITE	418028	7E5P-7H260-CA	FORD	710590	7L1Z-4A109-D	FORD	710950	7Y1039	CHRYS	473215 <sup>28</sup>
7A032074	FWD	474276 <sup>28</sup>	7E5P-7H260-DA	FORD	710700	7L2343	CASE	470548	7Y1039	DIA	473215 <sup>28</sup>
7A-032077	FWD	323138 <sup>28</sup>	7E5Z-1177-A	FORD	710773	7L2343	CASE	470625 <sup>28</sup>	7Y1039	GWI	473215 <sup>28</sup>
7A-032078	FWD	450400	7E5Z-1177-B	FORD	710708	7L2345	CATER	470548	7Y1039	IH	473215 <sup>28</sup>
7A1110	OLIVE	412473 <sup>28</sup>	7E5Z-1177-C	FORD	710590	7L2345	CATER	470625 <sup>28</sup>	7-Y1039	KEN	473215 <sup>28</sup>
7A1110	OLIVE	415894	7E5Z-1177-D	FORD	710700	7L24-3N296AA	FORD	714675	7Y1039	WHITE	473215 <sup>28</sup>
7A1110	WHITE	412473 <sup>28</sup>	7E5Z-7257-A	FORD	710971	7L6383	CATER	412015V	7Y1040	CHRYS	450593 <sup>28</sup>
7A1110	WHITE	415894	7E7589	CATER	39880	7M2492	CATER	441130	7Y1040	DIA	450593 <sup>28</sup>
7A1443A	OLIVE	416011	7E7589	CATER	39881	7M4236	CATER	456057	7Y1040	GWI	450593 <sup>28</sup>
7A1443A	OLIVE	417621 <sup>28</sup>	7EA6700	FORD	450194	7M4236	FPDSL	456057	7Y1040	IH	450593 <sup>28</sup>
7A1443B	OLIVE	417343 <sup>28</sup>	7EA6700	FORD	473010	7M7525	CATER	471649	7Y1040	KEN	450593 <sup>28</sup>
7A1582	OLIVE	450494	7EQ1174	FORD	5401 <sup>30</sup>	7M8451	CATER	415379	7Y1040	WHITE	450593 <sup>28</sup>
7A1582	OLIVE	472164 <sup>28</sup>	7EQ1175	FORD	6270	7M8680	CATER	473235 <sup>28</sup>	7Y1255	GWI	470027
7A1590	OLIVE	450076	7EQ1175A	FORD	6270	7M8805	CATER	450066	7Y1255	GWI	471554 <sup>28</sup>
7A1590	OLIVE	470334 <sup>28</sup>	7EQ1181	FORD	5401	7M8805	CATER	473367 <sup>28</sup>	7Y1518	GWI	470120
7A930	OLIVE	470954 <sup>28</sup>	7EQ1181A	FORD	5401	7M8930	CATER	470059	7Y1518	GWI	471224 <sup>28</sup>
7-AX302	OLIVE	450519	7EQ1181A2	FORD	5401	7M8930	CATER	470380 <sup>28</sup>	8	BL-KN	415196 <sup>28</sup>
7-AX302	OLIVE	471271 <sup>28</sup>	7EQ4676	FORD	410101N	7N1999	CATER	5613 <sup>28</sup>	800	UNIVE	417602 <sup>28</sup>
7B0 103 171 B	VW	710884	7EQ4813	FORD	450365	7NF-08	GEM	6703S	800001-043	MERCE	
7B0280	CATER	470027	7EQ4813	FORD	470898 <sup>28</sup>	7NF-09	GEM	6703S	100X130X12 <sup>28</sup>		
7B0368	CATER	416154 <sup>28</sup>	7EQH1175	FORD	456618	7NF-09	ROSS	6703S	800034	TIMKE	800034
7B2174	CATER	471192	7EQH4676	FORD	415458 <sup>28</sup>	7QH1175	FORD	370023A	800044	TIMKE	800044
7B2174	WESTR	471192	7EQH4676	FORD	455003	7QH1175	FORD	380023A	800050	TIMKE	800050
7B280	CATER	470027	7F2063	CATER	471763	7RA7657	FORD	473228 <sup>28</sup>	800061	TIMKE	800061
7B280	CATER	471554 <sup>28</sup>	7F3211	CATER	472439	7S400	BORGW	223400	800071	TIMKE	800071

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference; <sup>30</sup>F-M Number Is Part Of A Kit

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8001	C-R	6357S	800400	TIMKE	800400	800650	TIMKE	800650	80102	MCCOR	470163
8001	SKF	6357S	800401	TIMKE	800401	80066	MCCOR	470120	80102	MCCOR	471766 <sup>2B</sup>
80010	C-R	417601	800404	TIMKE	800404	80066	MCCOR	471224 <sup>2B</sup>	80102S	MCCOR	470163
80010	SKF	417601	8004091095	BORGW	415150 <sup>2B</sup>	80068	MCCOR	473212 <sup>2B</sup>	80102S	MCCOR	471766 <sup>2B</sup>
800100	MICH	417602 <sup>2B</sup>	80042	MCCOR	471750 <sup>2B</sup>	8-00685215-0	ISUZU	370003A	80103	MCCOR	471765 <sup>2B</sup>
8001000	UNIVE	417602 <sup>2B</sup>	800450	TIMKE	800450	8-00685215-0	ISUZU	380003A	80105	MCCOR	450444
80012	MCCOR	450044	800451	TIMKE	800451	8007	ONAN	470163	80105	MCCOR	471835 <sup>2B</sup>
800124	TIMKE	800124	800454	TIMKE	800454	8007	ONAN	471766 <sup>2B</sup>	80106	MCCOR	472705 <sup>2B</sup>
800128	HESST	470989	8004633	GMC	370178A	800700	TIMKE	800700	80107	MCCOR	450025
80013	MCCOR	472287 <sup>2B</sup>	8004633	GMC	455200	800704	TIMKE	800704	80107	MCCOR	471553 <sup>2B</sup>
800134	TIMKE	800134	8004670	GMC	370178A	80071	MCCOR	472560N <sup>2B</sup>	80108	MCCOR	470045
80014	MCCOR	471570 <sup>2B</sup>	8004670	GMC	455137 <sup>2B</sup>	80071	MCCOR	50151S	80108	MCCOR	476838 <sup>2B</sup>
800140	TIMKE	800140	8004673	GMC	450118	8007118	GW	450441	80108S	MCCOR	470045
800141	TIMKE	800141	8004673	GMC	473449	8007118	GW	471341 <sup>2B</sup>	80108S	MCCOR	476838 <sup>2B</sup>
80015	MCCOR	450040	8004846	GMC	416011	800716	ALLCH	340771	80109	GW	470120
80016	MCCOR	473215 <sup>2B</sup>	8004846	GMC	417621 <sup>2B</sup>	80072	MCCOR	473438	80109	GW	471224 <sup>2B</sup>
800160	TIMKE	800160	8004848	GMC	450301	800750	TIMKE	800750	80109	IH	470120
800164	TIMKE	800164	8004848	GMC	472397 <sup>2B</sup>	800751	TIMKE	800751	80109	IH	471224 <sup>2B</sup>
800166	ALLCH	450076	8004855	GMC	370178A	80076	MCCOR	473228 <sup>2B</sup>	80109	WHITE	470120
800166	ALLCH	470334 <sup>2B</sup>	8004855	GMC	455200	80079	MCCOR	472354 <sup>2B</sup>	80109	WHITE	471224 <sup>2B</sup>
80016602	ALLCH	450076	8004866	GMC	450316	80079	MCCOR	50395S	80110	MCCOR	481644
80016602	ALLCH	470334 <sup>2B</sup>	8004866	GMC	472636 <sup>2B</sup>	800797	ALLCH	350414	801100	TIMKE	801100
800181	ALLCH	471787 <sup>2B</sup>	8004867	GMC	450301	800797	ALLCH	472311 <sup>2B</sup>	80111	MCCOR	471801 <sup>2B</sup>
800220	TIMKE	800220	8004867	GMC	472397 <sup>2B</sup>	8008	KINNR	481073	80112	MCCOR	471192
800221	TIMKE	800221	8004885	GMC	470351	80080	MCCOR	470950 <sup>2B</sup>	80113	MCCOR	470606 <sup>2B</sup>
800223	ALLCH	470543	8004885	GMC	471504 <sup>2B</sup>	80080	MCCOR	6241S	80114R1	IH	240009
800223	ALLCH	474272 <sup>2B</sup>	800500	TIMKE	800500	800800	TIMKE	800800	80118	MCCOR	470548
800225	ALLCH	412473 <sup>2B</sup>	800504	TIMKE	800504	800804	TIMKE	800804	80118	MCCOR	470625 <sup>2B</sup>
800225	ALLCH	415894	800509-110-46	BORGW	472164 <sup>2B</sup>	800805	TIMKE	800805	80120	MCCOR	470358
80022505	ALLCH	412473 <sup>2B</sup>	800509-110-47	BORGW	450352	80083	MCCOR	471820	80120	MCCOR	473231
80022505	ALLCH	415894	800509-110-47	BORGW	472164 <sup>2B</sup>	80089	MCCOR	5872S	801201	TIMKE	801201
800250	TIMKE	800250	800509-110-49	BORGW	415458 <sup>2B</sup>	80090	MCCOR	473211 <sup>2B</sup>	8012013A	HARWA	80X120X13
800251	TIMKE	800251	800509-110-49	BORGW	455003	800900	TIMKE	800900	80120S	MCCOR	470358
8002697	VOLVO	450078	80051344	FALKC	417567	800906	ALLCH	471868	80120S	MCCOR	473231
80028	MCCOR	450154	80051353	FALKC	415035 <sup>2B</sup>	80090602	ALLCH	471868	80121	MCCOR	41787S
80028	MCCOR	473234	80051353	FALKC	455035	80091	MCCOR	471192	80122	MCCOR	450352
800280	TIMKE	800280	80051354	FALKC	416292	8009164	GW	40316S	80122	MCCOR	472164 <sup>2B</sup>
80030	MCCOR	450666	800537	ALLCH	240414	80092	C-R	415052	80123	MCCOR	473227 <sup>2B</sup>
800300	TIMKE	800300	800550	TIMKE	800550	80092	MCCOR	50468	801.230	ELRNG	711028
80032	MCCOR	471689 <sup>2B</sup>	800551	TIMKE	800551	80092	SKF	415052	80124	MCCOR	450400
800320	TIMKE	800320	800554	TIMKE	800554	80093	MCCOR	450494	80125	MCCOR	470403
800321	TIMKE	800321	800555	TIMKE	800555	80093	MCCOR	472164 <sup>2B</sup>	80125	MCCOR	470774 <sup>2B</sup>
800325	TIMKE	800325	80056	MCCOR	473213 <sup>2B</sup>	80093H	IH	470059	80126	MCCOR	450593 <sup>2B</sup>
80034	MCCOR	471354 <sup>2B</sup>	80058	MCCOR	450067	80093H	IH	470380 <sup>2B</sup>	80127	MCCOR	353141 <sup>2B</sup>
80034S	MCCOR	471354 <sup>2B</sup>	80058	MCCOR	473228	80095	MCCOR	6936S	80128	MCCOR	470004 <sup>2B</sup>
80035	MCCOR	480630 <sup>2B</sup>	80059	MCCOR	450043	800954	TIMKE	800954	80130	MCCOR	471532
800350	TIMKE	800350	80059	MCCOR	473419	80096	MCCOR	470062	801300	TIMKE	801300
800351	ALLCH	471765 <sup>2B</sup>	80060	MCCOR	450030	80096	MCCOR	474264	801304	TIMKE	801304
800354	TIMKE	800354	80060	MCCOR	474253	80097	C-R	8724S	80133	MCCOR	40576S
80037	C-R	417602 <sup>2B</sup>	800600	TIMKE	800600	80097	MCCOR	450066	80138	MCCOR	471787 <sup>2B</sup>
80037	SKF	417602	800601	TIMKE	800601	80097	MCCOR	473367 <sup>2B</sup>	80139	MCCOR	473426
800371	ALLCH	470219	800605	TIMKE	800605	80097	SKF	8724S	80140	MCCOR	6241S
800371	ALLCH	471649 <sup>2B</sup>	800616	B-L-H	416229	80099	MCCOR	470548	801400	TIMKE	801400
80037103	ALLCH	471649 <sup>2B</sup>	80-0616	BUC-E	416229	80099	MCCOR	470625 <sup>2B</sup>	801401	TIMKE	801401
80038	C-R	417602 <sup>2B</sup>	800616	GAL	416229	801	EBARR	370065A	80141	MCCOR	470548
80038	SKF	417602	800616	GR-DV	416229	801000	TIMKE	801000	80141	MCCOR	470625 <sup>2B</sup>
800381	TIMKE	800381	800616	MINMA	416229	801001	TIMKE	801001	80146	MCCOR	473226
8003854	GMC	471801 <sup>2B</sup>	80063212	TROS	416229	801004	TIMKE	801004	80147	MCCOR	473228
8003855	GMC	417316 <sup>2B</sup>	80063216	TROS	416229	801006TA	TRSCM	417602 <sup>2B</sup>	80147	MCCOR	51098
8003855	GMC	455004	80064	MCCOR	5976S	80101	MCCOR	450173	80148	MCCOR	450185

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
80148	MCCOR	473229	80192	MCCOR	470059	8023438	FAIRB	415371	80308	MCCOR	410163
801500	TIMKE	801500	80192	MCCOR	470380 <sup>28</sup>	80237	MCCOR	473423	80308	MCCOR	471766 <sup>28</sup>
801502	TIMKE	801502	80192S	MCCOR	470059	80238	MCCOR	474276 <sup>28</sup>	80309	MCCOR	240319
801504	TIMKE	801504	80192S	MCCOR	470380 <sup>28</sup>	80239	MCCOR	471255 <sup>28</sup>	80310	MCCOR	40395
801600	TIMKE	801600	80193	MCCOR	470062	8024	FULLE	415146 <sup>28</sup>	80310	MCCOR	40395S
801604	TIMKE	801604	80193	MCCOR	474264	8024	FULLE	415991	80311	MCCOR	42763
801606	TIMKE	801606	80194	MCCOR	470064	8024	JA-MI	415146 <sup>28</sup>	80312	MCCOR	40468
80161	MCCOR	471763	80194	MCCOR	471821 <sup>28</sup>	8024	JA-MI	415991	80314	MCCOR	481650
80162	MCCOR	473215 <sup>28</sup>	80195	MCCOR	450065	8024	JAE	415146 <sup>28</sup>	80315	MCCOR	471735
80164	MCCOR	471419	80197	MCCOR	471442 <sup>28</sup>	8024	JAE	415991	80316	MCCOR	450161
80164	MCCOR	473367	80198	MCCOR	472826 <sup>28</sup>	802500	TIMKE	802500	80316	MCCOR	471764 <sup>28</sup>
801641	AM HO	416107 <sup>28</sup>	80198S	MCCOR	472826 <sup>28</sup>	802502	TIMKE	802502	803162	Y-T	411330N
801641	AM HO	455073	801990	TIMKE	801990	8026	FULLE	417316 <sup>28</sup>	80317	MCCOR	471103 <sup>28</sup>
801642	AM HO	417554 <sup>28</sup>	802	EBARR	370025A	8026	FULLE	455004	80317	MCCOR	50197S
80166	MCCOR	41264S	802	UNIVE	455123 <sup>29</sup>	80-26248-00	REINZ	710289	80317S	MCCOR	471103 <sup>28</sup>
80167	MCCOR	240119	80200	MCCOR	471750 <sup>28</sup>	8027	C-R	480889	80317S	MCCOR	50197S
8017	C-R	8609	802000	TIMKE	802000	8027	FULLE	417191	80318	MCCOR	481443 <sup>28</sup>
8017	SKF	8609	802004	TIMKE	802004	8027	SKF	480889	80319	MCCOR	471192
801723	WILYS	340413	80201	MCCOR	473205	80273	MCCOR	471413 <sup>28</sup>	80320	MCCOR	473228 <sup>28</sup>
80174	MCCOR	471281 <sup>28</sup>	80202	MCCOR	471760	802732	ALLCH	472560N <sup>28</sup>	80321	MCCOR	471344
80175	MCCOR	471466 <sup>28</sup>	8-02029409-0	ISUZU	370023A	802732	ALLCH	50151S	80324	MCCOR	453165
8017591	GMC	350364	8-02029409-0	ISUZU	380023A	802750	TIMKE	802750	80324	MCCOR	471619 <sup>28</sup>
80175S	MCCOR	471466 <sup>28</sup>	80203	MCCOR	471762 <sup>28</sup>	802754	TIMKE	802754	803252	TIMKE	803252
80177	MCCOR	471472 <sup>28</sup>	80204	MCCOR	471763	80278	MCCOR	450339	80329	MCCOR	473435
801774	AM HO	416158	80205	MCCOR	470169	8028	JN-MN	370007A	80330	MCCOR	6370N
80179	MCCOR	471549 <sup>28</sup>	80205	MCCOR	473214	80281	MCCOR	450535	80332	MCCOR	471442 <sup>28</sup>
80179AQ	PARK	416865 <sup>28</sup>	80206	MCCOR	473016 <sup>28</sup>	80281	MCCOR	471264 <sup>28</sup>	803329	WILYS	340151
80179AQ	PARK	455070	80207	MCCOR	471571	80282	MCCOR	450536	80333	MCCOR	483054N
80179BP	PARK	415867	80208	MCCOR	450188	80282	MCCOR	471535 <sup>28</sup>	80334	MCCOR	417267
80179HY	PARK	415725 <sup>28</sup>	80209	MCCOR	450194	80283	MCCOR	471267 <sup>28</sup>	80335	MCCOR	473203
80179HZ	PARK	417254	80209	MCCOR	473010	8028356	GMC	416288 <sup>28</sup>	80336	MCCOR	340385
80179JE	PARK	415072	8-02094440-0	ISUZU	370008A	80286	MCCOR	410059	80-33634-00	REINZ	710790
80179KF	PARK	473179 <sup>28</sup>	80212	MCCOR	6863S <sup>28</sup>	80286	MCCOR	470380 <sup>28</sup>	80337	MCCOR	40769S
80179KH	REPub	416664 <sup>28</sup>	80213	MCCOR	471231 <sup>28</sup>	8028747	GMC	470088	80339	CUMMI	450067
80179KJ	REPub	415304	80213S	MCCOR	471231 <sup>28</sup>	8028752	GMC	471689 <sup>28</sup>	80339	CUMMI	473228
80179KJ	REPub	476470 <sup>28</sup>	80214	MCCOR	471646 <sup>28</sup>	8028753	GMC	471103 <sup>28</sup>	80339	OLIVE	450067
80180	MCCOR	471255 <sup>28</sup>	80215	MCCOR	471647	8028753	GMC	50197S	80339	OLIVE	473228
801800	TIMKE	801800	80216	MCCOR	470219	8028754	GMC	471570 <sup>28</sup>	80341	MCCOR	340151
801804	TIMKE	801804	80216	MCCOR	471649 <sup>28</sup>	80288	MCCOR	240356	80342	MCCOR	340724 <sup>28</sup>
80180S	MCCOR	471255 <sup>28</sup>	80217	MCCOR	471733	80289	MCCOR	240151	80343	MCCOR	471801 <sup>28</sup>
801816	WILYS	340787	80218	MCCOR	470712 <sup>28</sup>	80289	NATL	200600	80344	MCCOR	471829
80182	MCCOR	470027	80219	MCCOR	471785 <sup>28</sup>	80291	MCCOR	240733	80345	MCCOR	471571
80182	MCCOR	471554 <sup>28</sup>	80219S	MCCOR	471785 <sup>28</sup>	8029148	GMC	471646 <sup>28</sup>	8034503	GMC	450519
80182S	MCCOR	470027	80220	MCCOR	471795	80293	MCCOR	240009	8034503	GMC	471271 <sup>28</sup>
80182S	MCCOR	471554 <sup>28</sup>	802200	TIMKE	802200	80295	MCCOR	340797	80347	MCCOR	6545
80183	MCCOR	471567 <sup>28</sup>	802202	TIMKE	802202	80296	MCCOR	471526 <sup>28</sup>	80348	MCCOR	471765 <sup>28</sup>
80183S	MCCOR	471567 <sup>28</sup>	80221	MCCOR	473436	80299	MCCOR	471224 <sup>28</sup>	80349	MCCOR	340927
80184	MCCOR	473414	80222	MCCOR	50327	803	EBARR	370023A	803502	TIMKE	803502
80185	MCCOR	471137	80223	MCCOR	474255	80300	MCCOR	471276	80352	MCCOR	410059
80186	MCCOR	450039	80225	MCCOR	470351	803000	TIMKE	803000	80352	MCCOR	470380 <sup>28</sup>
80188	MCCOR	450048	80225	MCCOR	471504 <sup>28</sup>	803002	TIMKE	803002	80355	MCCOR	40769S
80189	MCCOR	473427	80226	MCCOR	474278 <sup>28</sup>	803006	TIMKE	803006	80356	MCCOR	450352
8019	C-R	450431	80226	MCCOR	480356	80301	MCCOR	471765 <sup>28</sup>	80356	MCCOR	472164 <sup>28</sup>
8019	C-R	471539	80227	MCCOR	474276 <sup>28</sup>	80302	MCCOR	472258 <sup>28</sup>	80358	MCCOR	350954
8019	SKF	450431	80228	MCCOR	330385 <sup>28</sup>	80303	MCCOR	8160S	80358	MCCOR	470954 <sup>28</sup>
8019	SKF	471539	80229	MCCOR	473227	80304	MCCOR	471829	80359	MCCOR	340787
80190	MCCOR	450054	80230	MCCOR	353132	80305	MCCOR	473445	8036	JN-MN	370001A
801902	TIMKE	801902	80232	MCCOR	472299	80305S	MCCOR	480479H	80360	MCCOR	340413
801906	TIMKE	801906	80233	MCCOR	323138 <sup>28</sup>	80306	MCCOR	471267 <sup>28</sup>	80365	MCCOR	471765 <sup>28</sup>
80191	MCCOR	473225 <sup>28</sup>	80234	MCCOR	450482	80307	MCCOR	471192	80366	MCCOR	471192

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
80367	MCCOR	471529	80432	MCCOR	471649 <sup>2B</sup>	80487	MCCOR	471652	805424	AM HO	416345 <sup>2B</sup>
80368	MCCOR	340495	8043208	GMC	455079 <sup>2B</sup>	80488	MCCOR	350414	805424	AM HO	455033
80369	MCCOR	240385	8043209	GMC	417357	80488	MCCOR	472311 <sup>2B</sup>	805425	AM HO	415035 <sup>2B</sup>
8037	JN-MN	370048A	8043209	GMC	455192 <sup>2B</sup>	80489	MCCOR	473224 <sup>2B</sup>	805425	AM HO	455035
803712	ALLCH	470219	80434	MCCOR	340815	80490	MCCOR	470506 <sup>2B</sup>	805430	AM HO	416888 <sup>2B</sup>
803712	ALLCH	471649 <sup>2B</sup>	80435	MCCOR	471750 <sup>2B</sup>	80491	MCCOR	471267 <sup>2B</sup>	805430	AM HO	455200
803732	ALLCH	472560N <sup>2B</sup>	80436	MCCOR	6597S	80493	MCCOR	473228 <sup>2B</sup>	805432	AM HO	415351 <sup>2B</sup>
803732	ALLCH	50151S	80437	MCCOR	471705 <sup>2B</sup>	80494	MCCOR	240731	8054341	GMC	473016 <sup>2B</sup>
803735	ALLCH	451583 <sup>2B</sup>	80438	MCCOR	43089S	80495	MCCOR	240735	805449	AM HO	417298
80374	MCCOR	240435	80439	MCCOR	6760S	80496	MCCOR	240736	80545	MCCOR	41787S
8037417	GMC	417481	8043932	GMC	471760	80497	MCCOR	240816	80546	MCCOR	330663
8037418	GMC	418028	8043933	GMC	450194	80499	MCCOR	340120	80546	MCCOR	472354 <sup>2B</sup>
8037418	GMC	455137 <sup>2B</sup>	8043933	GMC	473010	805	EBARR	370048A	80548	MCCOR	473412
803764	WILYS	370021A	8043934	GMC	473226	80500	MCCOR	350364	80549	MCCOR	471264 <sup>2B</sup>
80377	MCCOR	240414	80440	MCCOR	6241S	805000	TIMKE	805000	80550	MCCOR	7014S
80378	MCCOR	481073	80444	MCCOR	470954 <sup>2B</sup>	805002	TIMKE	805002	805503	TIMKE	805503
80379	MCCOR	240319	80446	MCCOR	340771	80501	MCCOR	351267	80551	MCCOR	340823
80380	MCCOR	240462	80447	MCCOR	240470	80501	MCCOR	471267 <sup>2B</sup>	80553	MCCOR	451583 <sup>2B</sup>
80383	MCCOR	470189	80448	MCCOR	350364	80502	MCCOR	340483	80554	MCCOR	471763
80383	MCCOR	471692 <sup>2B</sup>	80449	MCCOR	471264 <sup>2B</sup>	80503	MCCOR	481163 <sup>2B</sup>	80557	MCCOR	471195 <sup>2B</sup>
80387	MCCOR	6312	80450	MCCOR	481443 <sup>2B</sup>	80504	MCCOR	350394	80557	MCCOR	481195
80388	MCCOR	472287 <sup>2B</sup>	804503	TIMKE	804503	80504	MCCOR	473227	80560	MCCOR	340853
80389	MCCOR	473421	80453	MCCOR	450666	8050473	GMC	410520	80562	MCCOR	350567
80390	MCCOR	471419	80454	MCCOR	6985	8050473	GMC	471272 <sup>2B</sup>	80562	MCCOR	471267 <sup>2B</sup>
80390	MCCOR	473367	8045416	GMC	471787 <sup>2B</sup>	80505	MCCOR	473424 <sup>2B</sup>	80564	MCCOR	350823
803900	AMC	471787 <sup>2B</sup>	80455	MCCOR	6840S	80506	MCCOR	350974 <sup>2B</sup>	80564	MCCOR	473454
803900	WILYS	41787S	80456	MCCOR	6815	80508	MCCOR	6759S	80570	MCCOR	473426
80392	MCCOR	40382	80458	MCCOR	450185	805103	TIMKE	805103	805703	TIMKE	805703
8-03965092-0	ISUZU	4739	80458	MCCOR	473229	80511	MCCOR	340356	80572	MCCOR	473237 <sup>2B</sup>
80398	MCCOR	350936	80459	MCCOR	450066	80512	MCCOR	205017	80574	MCCOR	6863S <sup>2B</sup>
80398N	MCCOR	350936	80459	MCCOR	473367 <sup>2B</sup>	80513	MCCOR	471652	805741	WILYS	471267 <sup>2B</sup>
80399	MCCOR	452222 <sup>2B</sup>	80461	MCCOR	40438S	80513	MCCOR	482208 <sup>2B</sup>	80575	MCCOR	6847S
804	EBARR	370001A	80462	MCCOR	6835S	80514	MCCOR	9568	80576	MCCOR	340400
804	UNIVE	415124	80463	MCCOR	470403	805150	WILYS	6626S	8057681	GMC	450067
80400	MCCOR	351267	80463	MCCOR	470774 <sup>2B</sup>	80517	MCCOR	473215 <sup>2B</sup>	8057681	GMC	473228
80400	MCCOR	471267 <sup>2B</sup>	8046320	SPICE	415379 <sup>2B</sup>	80517A	HERCU	471689 <sup>2B</sup>	80577	MCCOR	6703S
80403	MCCOR	323138 <sup>2B</sup>	8046320	SPICE	455379	80518	MCCOR	472810 <sup>2B</sup>	80582	MCCOR	321460
80405	MCCOR	350679	8046333	SPICE	456744N	80522	MCCOR	410119	80589	MCCOR	7486S
80405	MCCOR	470954 <sup>2B</sup>	8046339	SPICE	416921 <sup>2B</sup>	80522	MCCOR	471442 <sup>2B</sup>	80594	MCCOR	7994S
80406	MCCOR	240698	804634	SPICE	100495	80523	MCCOR	470380 <sup>2B</sup>	80595	MCCOR	451182
80408	MCCOR	9613S	804634	SPICE	415281N	80524	MCCOR	450604	80597	MCCOR	473234 <sup>2B</sup>
80409	MCCOR	450431	80464	MCCOR	6241S	80525	MCCOR	471567 <sup>2B</sup>	8059958	GMC	417481
80409	MCCOR	471539 <sup>2B</sup>	80465	MCCOR	474278 <sup>2B</sup>	80527	MCCOR	240009	8059S	TIMKE	8059S
80410	MCCOR	471413 <sup>2B</sup>	80465	MCCOR	6859S	80528	BORGW	471466 <sup>2B</sup>	805D5	WHITE	417159
804101	MICH	455123 <sup>29</sup>	80466	MCCOR	8160S	80528	MCCOR	351267	805VB7	MARI	417602 <sup>2B</sup>
8041012	UNIVE	455123 <sup>29</sup>	80469	MCCOR	6863S <sup>2B</sup>	80528	MCCOR	471267 <sup>2B</sup>	806	UNIVE	417022
80416	MCCOR	471684 <sup>2B</sup>	80470	MCCOR	471076	80529	MCCOR	7022S	8060	C-R	471231 <sup>2B</sup>
80416	MCCOR	471698	8047077	GMC	413478	80529S	MCCOR	7022S	8060	JN-MN	370020A
80418	MCCOR	481568 <sup>2B</sup>	80471	MCCOR	5872S	8053	C-R	471231V	8060	SKF	471231
80420	MCCOR	471526 <sup>2B</sup>	80473	MCCOR	470403	8053	SKF	471231V	80600	MCCOR	7188S
80421	MCCOR	471689 <sup>2B</sup>	80473	MCCOR	470774 <sup>2B</sup>	805308	WILYS	40286	80601	MCCOR	7537S
80422	MCCOR	40059S	80475	MCCOR	417267	80532	MCCOR	473231 <sup>2B</sup>	8060152	GMC	450067
80424	MCCOR	473228 <sup>2B</sup>	80481	MCCOR	471466 <sup>2B</sup>	80533	MCCOR	451147H	8060152	GMC	473228
80426	MCCOR	471570 <sup>2B</sup>	80483	MCCOR	350156	80535	MCCOR	7038SA	80602	MCCOR	7399S <sup>2B</sup>
80428	MCCOR	470351	80483	MCCOR	473096	80537	MCCOR	470625 <sup>2B</sup>	80603	MCCOR	7840S
80428	MCCOR	471504 <sup>2B</sup>	80484	MCCOR	480210 <sup>2B</sup>	80539	MCCOR	472432	80604	MCCOR	7399S <sup>2B</sup>
80429	MCCOR	6597S	80485	MCCOR	472951	80539	MCCOR	474256	80605	MCCOR	480210 <sup>2B</sup>
80430	MCCOR	471564	80485	MCCOR	474252	80540	MCCOR	340787	80606	MCCOR	40769S
80431	MCCOR	410163	804.850	ELRNG	710848	80541	MCCOR	352541	80607	MCCOR	7412S
80431	MCCOR	471766 <sup>2B</sup>	80486	MCCOR	471688	80542	MCCOR	470954 <sup>2B</sup>	8060884	VOLVO	370025A

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8060884	WHITE	380025A	8065485	GMC	450132	8067-35280	SUBAR	1173	80693	MCCOR	8597S
8060884	WHITE	386025A	80657	MCCOR	240119	8067-35290	SUBAR	710724	80697	MCCOR	471267 <sup>28</sup>
8060885	VOLVO	370001A	80658	MCCOR	7607	8067-35300	SUBAR	710739	80698	MCCOR	51322
8060885	WHITE	380001A	80660	MCCOR	471827 <sup>28</sup>	8067-38030	SUBAR	223830	80700	MCCOR	311189
8060886	VOLVO	370023A	80661	MCCOR	7934S	806738040	SUBAR	223831	80702	MCCOR	8660S
8060886	WHITE	380023A	80662	MCCOR	29129S	8067-38070	SUBAR	1038	80703	MCCOR	8705S
8060887	VOLVO	370005A	80664	MCCOR	7929S	8067-38100	SUBAR	710233	80704	MCCOR	9569S
8060888	VOLVO	370003A	80665	MCCOR	8059S	8067-38110	SUBAR	710859	807250	TIMKE	807250
8060888	WHITE	380003A	80670	MCCOR	8293S	8067-38170	SUBAR	710233	807500	TIMKE	807500
8060889	VOLVO	370182A	80671	MCCOR	8160S	8067-38180	SUBAR	223801	807608	CUSH	472287 <sup>28</sup>
8060889	WHITE	370048A	80671	NATL	200640	8067-38190	SUBAR	710859	807610	CUSH	205004
8060889	WHITE	380048A	8067-15060	SUBAR	2027	8067-38200	SUBAR	223801	807611	CUSH	471571
8060890	VOLVO	370021A	8067-16020	SUBAR	710862	80674	MCCOR	7994S	807626	CUSH	240731
80609	MCCOR	474260	8067-16040	SUBAR	710862	8067-42110	SUBAR	1953	807630	CUSH	204020
80610	MCCOR	41257 <sup>28</sup>	8067-16060	SUBAR	710862	8067-42160	SUBAR	3051N	807630	CUSH	204505 <sup>28</sup>
80612	MCCOR	331228H	806718010	SUBAR	221820	80675	MCCOR	484054	807734	AM HO	415379 <sup>28</sup>
80614	MCCOR	470774 <sup>28</sup>	8067-18020	SUBAR	223831	8067-50030	SUBAR	225010	807734	AM HO	455379
80615	MCCOR	203008	8067-18090	SUBAR	223831	8067-50040	SUBAR	225010	8-07808-195-0	ISUZU	7013S
80616	MCCOR	474278 <sup>28</sup>	8067-19010	SUBAR	222030	8067-50050	SUBAR	225010	807975	AM HO	455129
80617	MCCOR	203016	8067-19030	SUBAR	222030	8067-50060	SUBAR	225010	807VB7	MARI	417604
80618	MCCOR	7781S	8067-19040	SUBAR	222030	8067-50070	SUBAR	225005	808	C-R	5111S
8061840	VOLVO	370001A	80672	MCCOR	8121S	8067-50070	SUBAR	711038	808	EBARR	370036A
8061840	VOLVO	380001A	806720060	SUBAR	20X40X7 <sup>28</sup>	8067-50080	SUBAR	711038	808	SKF	5111S
8061840	WHITE	370001A	806720060	SUBAR	222050	8067-52010	SUBAR	710265	808	UNIVE	417604 <sup>29</sup>
8061840	WHITE	380001A	8067-22040	SUBAR	222240	8067-52020	SUBAR	710265	808102	MICH	415124
80619	MCCOR	203003	806722050	SUBAR	222240	80676	MCCOR	342805	8081025	UNIVE	415124 <sup>29</sup>
80620	MCCOR	6906S	806722050	SUBAR	22X40X7 <sup>28</sup>	8067-68010	SUBAR	710234	808118	AM HO	417362 <sup>28</sup>
80621	MCCOR	203012	806723010	SUBAR	222340	8067-68040	SUBAR	710234	808151	AM HO	415938
80622	MCCOR	203025	8067-25090	SUBAR	222558	8067-68060	SUBAR	710234	808197	AM HO	416364 <sup>28</sup>
80623	MCCOR	203013	8067-27030	SUBAR	222745	8067692	GMC	450183	808203	TIMKE	808203
80624	MCCOR	6832S	8067-27040	SUBAR	222745	8067692	GMC	472179	8083254	GMC	416271 <sup>28</sup>
80625	MCCOR	204008	8067-27070	SUBAR	222745	8067694	GMC	470045	8083554	GMC	415023
80627	MCCOR	204020	8067-27080	SUBAR	222745	8067694	GMC	476838 <sup>28</sup>	8083560	GMC	455018
80627	MCCOR	204505 <sup>28</sup>	8067-27170	SUBAR	222745	8067-70010	SUBAR	1021V	8083560	GMC	476470
80628	MCCOR	481073	80673	MCCOR	8133S	8067-70011	SUBAR	1021V	8-08644-709-0	ISUZU	710544
80630	MCCOR	40162S	8067-30020	SUBAR	712001	8067-70012	SUBAR	1021V	8088	C-R	450030
80631	MCCOR	410059	8067-30021	SUBAR	223018	8067-70013	SUBAR	1021V	8088	C-R	474253 <sup>29</sup>
80631	MCCOR	470380 <sup>28</sup>	8067-30031	SUBAR	223050	8067-76010	SUBAR	1019	8088	SKF	450030
80632	MCCOR	450400	8067-30032	SUBAR	223051	8067-76011	SUBAR	1019	8088	SKF	474253
80633	MCCOR	204017	8067-30041	SUBAR	223050	80678	MCCOR	40652S	808VB7	MARI	415128
80635	MCCOR	482253	8067-30042	SUBAR	223051	8067-86010	SUBAR	710235	809	EBARR	370003A
80636	MCCOR	203003	8067-30110	SUBAR	1981	8067-86020	SUBAR	710235	80926TA	TRSCM	417600
8063666	GMC	471762 <sup>28</sup>	8067-32030	SUBAR	223255	8067-86030	SUBAR	710235	809323	ACF	450456 <sup>28</sup>
80639	MCCOR	471744 <sup>28</sup>	80673-2050	SUBAR	223230	8067-86040	SUBAR	710235	8093412	GMC	418028
80640	AM WH	471765 <sup>28</sup>	8067-32130	SUBAR	710819	8067-86050	SUBAR	710235	8093412	GMC	455137 <sup>28</sup>
80640	MCCOR	471195 <sup>28</sup>	80673-2150	SUBAR	223230	80679	MCCOR	5MR1300	80956TA	TRSCM	417601
80640	MCCOR	481195	8067-32160	SUBAR	710819	806792000	SUBAR	711039	8-09724-010-0	ISUZU	710268
80641	AM WH	450067	8067-32200	SUBAR	223255	8067-92010	SUBAR	711039	8-09724-011-0	ISUZU	710268
80641	AM WH	473228	8067-33010	SUBAR	710236	80681	MCCOR	482041N	809864	WILYS	470548
80641	MCCOR	470064	8067-33020	SUBAR	710236	80682	MCCOR	7834	809864	WILYS	470625 <sup>28</sup>
80641	MCCOR	471821 <sup>28</sup>	8067-33030	SUBAR	710236	80683	MCCOR	472705 <sup>28</sup>	8099723	GMC	450316
80643	MCCOR	203029	806735070	SUBAR	710324	80685	MCCOR	471652	8099723	GMC	472636 <sup>28</sup>
80645	MCCOR	473228 <sup>28</sup>	8067-35130	SUBAR	1173	80686	MCCOR	480821 <sup>28</sup>	8099724	GMC	450085
80648	MCCOR	7495S	8067-35170	SUBAR	1173	80687	MCCOR	473228	8099724	GMC	470530 <sup>28</sup>
80649	MCCOR	6241S	8067-35180	SUBAR	3771	80687	MCCOR	51098	809VB7	MARI	417601
80650	MCCOR	8773S	8067-35190	SUBAR	3771	80688	MCCOR	410059	80AX763	MACK	J1123
806503	TIMKE	806503	806735210	SUBAR	710324	80688	MCCOR	470380 <sup>28</sup>	80DT7052A3A	FORD	2655
80651	MCCOR	7886S	8067-35230	SUBAR	710739	80690	MCCOR	9613S	80ET7048AA	FORD	2503N
80652	MCCOR	7013S	8067-35240	SUBAR	710724	80691	MCCOR	50266	80ET7052AA	FORD	2443
8065485	GMC	412920 <sup>28</sup>	8067-35270	SUBAR	1173	80692	MCCOR	7934S	80L2	GR-DV	J1129

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference







# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
815947	WHITE	<b>416070</b>	81DT7A248A3A	FORD	<b>2658V</b>	824097C91	IH	<b>472397<sup>28</sup></b>	82-588715	BUC-E	<b>415371</b>
8-15982869-0	ISUZU	<b>370003A</b>	81SM6700A4A	FORD	<b>3771</b>	824107	MICH	<b>415128<sup>29</sup></b>	82-588810	BUC-E	<b>415645<sup>28</sup></b>
8-15982869-0	ISUZU	<b>380003A</b>	81SM6701A4A	FORD	<b>3772</b>	8241075	UNIVE	<b>415128<sup>29</sup></b>	82-588810	BUC-E	<b>455104</b>
8-15990004-0	ISUZU	<b>370008A</b>	81SM6K292A4A	FORD	<b>3774</b>	8-24201-470-0	ISUZU	<b>4934</b>	82-588960	BUC-E	<b>417362<sup>28</sup></b>
81607XX	TIMKE	<b>8X16X7</b>	81T3591	FORD	<b>474278<sup>28</sup></b>	8243	TIMKE	<b>8243</b>	82-589215	BUC-E	<b>417298</b>
8160S	NATL	<b>471827<sup>28</sup></b>	81T3591	FORD	<b>480356</b>	8-24577-095-0	ISUZU	<b>710605</b>	82-589750	BUC-E	<b>417598</b>
8160S	NATL	<b>8160S</b>	81T3591A	FORD	<b>474278<sup>28</sup></b>	8-24577-096-0	ISUZU	<b>710603</b>	82-589760	BUC-E	<b>455121</b>
8160S	TIMKE	<b>8160S</b>	81T3591A	FORD	<b>480356</b>	824634	SPICE	<b>100495</b>	82-590878	BUC-E	<b>417600</b>
816105	MICH	<b>417604<sup>29</sup></b>	8200294	EATON	<b>410520</b>	824634	SPICE	<b>415281N</b>	825909	WHITE	<b>472560N<sup>28</sup></b>
8161050	UNIVE	<b>417604</b>	8200294	EATON	<b>471272<sup>28</sup></b>	824636	SPICE	<b>415995V</b>	825909	WHITE	<b>50151S</b>
8165	TIMKE	<b>8165</b>	82009	MC-CL	<b>470954<sup>28</sup></b>	824636	SPICE	<b>455995N</b>	82-591110	BUC-E	<b>417602<sup>28</sup></b>
81673	EATON	<b>712625</b>	820106	MICH	<b>417567</b>	82465612	TROS	<b>455584</b>	82-591665	BUC-E	<b>417604</b>
81674	EATON	<b>712375</b>	8201062	UNIVE	<b>417567</b>	824878C91	IH	<b>416706<sup>28</sup></b>	82-591815	BUC-E	<b>455129</b>
8169240AA019	GE	<b>471472<sup>28</sup></b>	820133	ADAMS	<b>471267<sup>28</sup></b>	8249	BU-SP	<b>450085</b>	82-591847	BUC-E	<b>415090</b>
8169240AAP3	GE	<b>330385<sup>28</sup></b>	820133	LETN	<b>471267<sup>28</sup></b>	8249	BU-SP	<b>470530<sup>28</sup></b>	82-591875	BUC-E	<b>455462</b>
8169240AD10	GE	<b>351267</b>	820213C1	IH	<b>473317</b>	8250	BU-SP	<b>450067</b>	82-591953	BUC-E	<b>417606</b>
8169240AD10	GE	<b>471267<sup>28</sup></b>	820225C1	IH	<b>321516</b>	8250	BU-SP	<b>473228</b>	82-592105	BUC-E	<b>415482</b>
8169240AD7	GE	<b>340469</b>	820225C1	IH	<b>471516<sup>28</sup></b>	8251	BU-SP	<b>417316<sup>28</sup></b>	825933	WHITE	<b>471466<sup>28</sup></b>
8169240AD9	GE	<b>351267</b>	8204	SUPER	<b>415001<sup>28</sup></b>	8251	BU-SP	<b>455004</b>	8-26010-792-0	HONDA	<b>710166</b>
8169240AD9	GE	<b>471267<sup>28</sup></b>	8204	SUPER	<b>455001</b>	82510	C-R	<b>455475</b>	8-26010-792-0	ISUZU	<b>710166</b>
8169240ADP1	GE	<b>350954</b>	820446	EATON	<b>8635S</b>	82510	SKF	<b>455475</b>	8-26026792-0	ISUZU	<b>8610</b>
8169240ADP1	GE	<b>470954<sup>28</sup></b>	820494	ADAMS	<b>472299</b>	82512	C-R	<b>455475</b>	8-26029137-0	HONDA	<b>710166</b>
8169240ADP2	GE	<b>340787</b>	8206	FULLE	<b>417316<sup>28</sup></b>	8-2512	SKF	<b>455475</b>	8-26029137-0	ISUZU	<b>710166</b>
817	GREEN	<b>240731</b>	8206	FULLE	<b>455004</b>	8252	BU-SP	<b>470682</b>	8260291390	ISUZU	<b>8660S</b>
817518	WHITE	<b>240414</b>	8207	FULLE	<b>450084<sup>28</sup></b>	8253	BU-SP	<b>417344<sup>28</sup></b>	826047	WHITE	<b>415035<sup>28</sup></b>
8178	C-R	<b>471645<sup>28</sup></b>	821188	ADAMS	<b>472185<sup>28</sup></b>	8253	BU-SP	<b>455006</b>	826047	WHITE	<b>455035</b>
8178	C-R	<b>471645V</b>	8213	C-R	<b>471337</b>	8254	BU-SP	<b>415449<sup>28</sup></b>	826061	WHITE	<b>6270</b>
8178	SKF	<b>471645</b>	8213	SKF	<b>471337</b>	8254	BU-SP	<b>455147</b>	8-26064028-0	ISUZU	<b>710506</b>
8178	SKF	<b>471645V</b>	821366	ALLCH	<b>471785<sup>28</sup></b>	825426	WHITE	<b>415437<sup>28</sup></b>	82607	C-R	<b>210X250X15</b>
817960	WHITE	<b>471442<sup>28</sup></b>	821414C1	IH	<b>411253<sup>28</sup></b>	825426	WHITE	<b>455173</b>	82607	SKF	<b>210X250X15</b>
81805XX	TIMKE	<b>8X18X5</b>	821414C1	IH	<b>450099</b>	82545	EATON	<b>415458<sup>28</sup></b>	82610	C-R	<b>210X240X15</b>
8181NA	TIMKE	<b>8181NA</b>	8215	C-R	<b>471686</b>	82545	EATON	<b>455003</b>	82610	SKF	<b>210X240X15</b>
818.399	ELRNG	<b>231003</b>	8215	SKF	<b>471686</b>	82545	IH	<b>475003N</b>	826361	WHITE	<b>5872S</b>
818604	WHITE	<b>417181<sup>28</sup></b>	821568	ALLCH	<b>471785<sup>28</sup></b>	82545H	IH	<b>475003N</b>	826368	MERIX	<b>410316</b>
81886	EATON	<b>415483</b>	821610	WABCO	<b>471692<sup>28</sup></b>	82546H	IH	<b>410737<sup>28</sup></b>	826368	MERIX	<b>472636<sup>28</sup></b>
81-90000-00	REINZ	<b>710848</b>	821614	LETN	<b>471652</b>	82546H	IH	<b>450737</b>	826368	ROCKW	<b>410316</b>
81-90002-00	REINZ	<b>710812</b>	8218526	RCA	<b>471466<sup>28</sup></b>	82548	GRAM	<b>471750<sup>28</sup></b>	826368	ROCKW	<b>472636<sup>28</sup></b>
81-90006-10	REINZ	<b>710759</b>	8219	HYST	<b>416271<sup>28</sup></b>	82560	C-R	<b>415124<sup>29</sup></b>	826388	WHITE	<b>472636<sup>28</sup></b>
81-90010-00	REINZ	<b>710617</b>	8219B	HYST	<b>416271<sup>28</sup></b>	82560	SKF	<b>415124</b>	827564	WHITE	<b>6638S</b>
81-90012-00	REINZ	<b>710600</b>	82201	L&N	<b>240462</b>	825624	MINMA	<b>417596</b>	827696	GW	<b>410312N</b>
81-90024-00	REINZ	<b>710759</b>	822072	EATON	<b>370048A</b>	82567	C-R	<b>416951</b>	827849	BUC-E	<b>417487</b>
81-90033-00	REINZ	<b>710449</b>	822072	EATON	<b>370182A</b>	82567	SKF	<b>416951</b>	827849	BUC-E	<b>455014</b>
81-90035-00	REINZ	<b>710787</b>	822072	EATON	<b>380048A</b>	82570	C-R	<b>416422</b>	827952	GW	<b>471466<sup>28</sup></b>
81-90075-00	REINZ	<b>223750</b>	82207XX	TIMKE	<b>8X22X7</b>	82570	SKF	<b>416422</b>	827953	GW	<b>470120</b>
8190535	GMC	<b>416271<sup>28</sup></b>	8221321	GMC	<b>413247<sup>28</sup></b>	82-588150	BUC-E	<b>471554<sup>28</sup></b>	827953	GW	<b>471224<sup>28</sup></b>
8-19257-296-0	ISUZU	<b>710687</b>	8221321	GMC	<b>450350</b>	82-588250	BUC-E	<b>240731</b>	827954	GW	<b>471765<sup>28</sup></b>
8193021	IVECO	<b>716484</b>	8221418	GMC	<b>417210<sup>28</sup></b>	82-588252	BUC-E	<b>240731</b>	827955	GW	<b>470163</b>
8193659	IVECO	<b>716484</b>	822309	WOOL	<b>415991</b>	82588300	BUC-E	<b>240736</b>	827955	GW	<b>471766<sup>28</sup></b>
819412	WHITE	<b>240731</b>	822309	WOOL	<b>455146<sup>28</sup></b>	82588303	BUC-E	<b>473211<sup>28</sup></b>	827956	GW	<b>470169</b>
819619	WHITE	<b>415036</b>	82246R1	IH	<b>5M293</b>	82-588330	BUC-E	<b>470625<sup>28</sup></b>	827956	GW	<b>473214</b>
819685	WHITE	<b>6649</b>	8231	HYST	<b>450069</b>	82-588400	BUC-E	<b>416444</b>	827957	GW	<b>473016<sup>28</sup></b>
819704	WHITE	<b>417316<sup>28</sup></b>	8231	HYST	<b>473232</b>	82-588410	BUC-E	<b>412861</b>	827958	GW	<b>450185</b>
819704	WHITE	<b>455004</b>	823521	GW	<b>417488<sup>28</sup></b>	82588490	BUC-E	<b>470590</b>	827958	GW	<b>473229</b>
819723	WHITE	<b>416888<sup>28</sup></b>	8236	FULLE	<b>472299</b>	82-588550	BUC-E	<b>417495</b>	827959	GW	<b>450194</b>
819819	WHITE	<b>417344<sup>28</sup></b>	82363	GRAM	<b>5778</b>	82-588675	BUC-E	<b>417512</b>	827959	GW	<b>473010</b>
819819	WHITE	<b>455006</b>	82365	GRAM	<b>40769S</b>	82-588685	BUC-E	<b>417512</b>	827960	GW	<b>450069</b>
81982	CATER	<b>410101N</b>	8238	HYST	<b>415995<sup>28</sup></b>	82-588695	BUC-E	<b>455195</b>	827960	GW	<b>473232</b>
819891	WHITE	<b>417344<sup>28</sup></b>	8238	HYST	<b>455013</b>	82-588695	BUC-E	<b>472157<sup>28</sup></b>	827961	GW	<b>450070</b>
819891	WHITE	<b>455006</b>	823D6	DIA	<b>6864S</b>	82-588705	BUC-E	<b>416888<sup>28</sup></b>	827961	GW	<b>472185<sup>28</sup></b>
81D6	WHITE	<b>417191</b>	823D6	WHITE	<b>6864S</b>	82-588705	BUC-E	<b>455200</b>	827962	GW	<b>450183</b>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
827962	GWI	472179	829638C1	IH	476838 <sup>28</sup>	83048	FWD	455093	831145M1	MASSE	471276
827963	GWI	470088	829653	GWI	416107 <sup>28</sup>	83049	FWD	410496 <sup>28</sup>	83115	FWD	415991 <sup>28</sup>
827964	GWI	472439	829653	GWI	455073	8305	C-R	21X35X7	83115	FWD	415991N
827965	GWI	414045 <sup>28</sup>	829672	GWI	417604	8305	SKF	21X35X7	83115	WHITE	415725 <sup>28</sup>
827966	GWI	450082	829706	WHITE	473227	83050	FWD	415483 <sup>28</sup>	83117	FWD	450400
827966	GWI	473238	82X10513XX	TIMKE	82X105X13	83050	FWD	455368	831222M1	MASSE	417343 <sup>28</sup>
827967	GWI	472924 <sup>28</sup>	82X105X13SC	TRSCM	82X105X13	83051	FWD	415187	831225M1	MASSE	240736
827968	GWI	472015 <sup>28</sup>	82X105X13TC	TRSCM	82X105X13	83052	FWD	471270 <sup>28</sup>	831236M1	MASSE	473237 <sup>28</sup>
827969	GWI	410312N	83000	FWD	453165	83053	FWD	471647	83124	FWD	472150
827970	GWI	450316	83000	FWD	471619 <sup>28</sup>	83056	FWD	471820	831245-MI	MASSE	340835
827970	GWI	472636 <sup>28</sup>	83002	FWD	416664 <sup>28</sup>	83059	FWD	471750 <sup>28</sup>	831247M1	MASSE	471344
827971	GWI	413247 <sup>28</sup>	83002	FWD	455364	83061	FWD	450094	83127	FWD	415995 <sup>28</sup>
827971	GWI	450350	83003	FWD	481864	83061	FWD	473462	83127	FWD	455013
827972	GWI	415449 <sup>28</sup>	83004	FWD	470169	83065	FWD	415559	831281M1	MASSE	450085
827972	GWI	455147	83004	FWD	473214 <sup>28</sup>	83068	FWD	416167 <sup>28</sup>	831281M1	MASSE	470530 <sup>28</sup>
827973	GWI	417316 <sup>28</sup>	83008	FWD	450446	83068	FWD	455091	831282M1	MASSE	450085
827973	GWI	455004	8300992	UNIT	450084 <sup>28</sup>	83071	FWD	414268 <sup>28</sup>	831282M1	MASSE	470530 <sup>28</sup>
827974	GWI	55238	83012	FWD	450185	83071	FWD	450539	831289M1	MASSE	481181 <sup>28</sup>
827975	GWI	416654 <sup>28</sup>	83012	FWD	473229	83072	CLARK	417537	831289M1	MASSE	481181N
827975	GWI	455012	83013	FWD	6584S	83072	FWD	417537	8312S	TIMKE	8312
827976	GWI	415995 <sup>28</sup>	83015	FWD	417343 <sup>28</sup>	83073	FWD	417542	8313	HYST	450118
827976	GWI	455013	830152	SPIICE	6988H	83074	FWD	417082	8313	HYST	473449
827977	GWI	415013	83015220	UNIT	412119 <sup>28</sup>	83076	FWD	417269 <sup>28</sup>	83130	FWD	450441
827977	GWI	415995 <sup>28</sup>	83015220	UNIT	450101	83078	FWD	417211 <sup>28</sup>	83130	FWD	471341 <sup>28</sup>
827978	GWI	416011	83016	FWD	415088 <sup>28</sup>	83079	FWD	417316 <sup>28</sup>	83131	FWD	417484N
827978	GWI	417621 <sup>28</sup>	83016	FWD	455088	83080	FWD	416556 <sup>28</sup>	83131	FWD	475322N
827979	GWI	417539 <sup>28</sup>	83017	FWD	415437	83080	FWD	472157	83132	FWD	413246
8280	C-R	471729	830179	GWI	474278 <sup>28</sup>	83083	FWD	345035	83132	FWD	413246N
8280	FULLE	472439	830179	GWI	480356	83084	FWD	417501	83136	FWD	415001 <sup>28</sup>
8280	SKF	471729	83018	FWD	418028	83086	FWD	415004	83137	FWD	455297
828054	GWI	240319	83018	FWD	455137 <sup>28</sup>	83086	FWD	417316 <sup>28</sup>	83139	FWD	417158 <sup>28</sup>
828055	GWI	40140S	830180	GWI	412119 <sup>28</sup>	83089	FWD	415058	83139	FWD	455355
8281087	UNIVE	455129 <sup>29</sup>	830180	GWI	450101	830918	GWI	450117	83140	FWD	415272N
828160	GWI	471138 <sup>28</sup>	830181	GWI	411245 <sup>28</sup>	830918	GWI	472572 <sup>28</sup>	83141R91	IH	472439
828161	GWI	40566S	830181	GWI	455096	830948	WHITE	417352	83142	FWD	455471
828171	GWI	415449 <sup>28</sup>	830187	GWI	411245 <sup>28</sup>	830948	WHITE	418028 <sup>28</sup>	831462M1	MASSE	415483 <sup>28</sup>
828171	GWI	455147	830187	GWI	455096	83096	FWD	240319	831462M1	MASSE	455368
828599	GWI	450352	83022	FWD	415085 <sup>28</sup>	83097	FWD	417366 <sup>28</sup>	831468M1	MASSE	470351
828599	GWI	472164 <sup>28</sup>	83022	FWD	456648	830980	WHITE	415991	831468M1	MASSE	471504 <sup>28</sup>
828604	WHITE	417181 <sup>28</sup>	8302333	SAAB	416956	830980	WHITE	455146 <sup>28</sup>	83147	FWD	455509
828605	WHITE	415995 <sup>28</sup>	83025	FWD	450444	830997	WHITE	55353	831483M1	MASSE	417158 <sup>28</sup>
828605	WHITE	455013	83025	FWD	471835 <sup>28</sup>	830998	WHITE	472144 <sup>28</sup>	8315	NATL	6815
828628	WHITE	415458 <sup>28</sup>	83027	FWD	413469 <sup>28</sup>	83100	FWD	414268 <sup>28</sup>	83150	FWD	415960 <sup>28</sup>
828628	WHITE	455003	83029	FWD	473448	83100	FWD	450539	83150	FWD	455009
828630	WHITE	411500	83030	FWD	415003	831006	GWI	416107 <sup>28</sup>	831522	WHITE	472560N <sup>28</sup>
828631	WHITE	415041	83030	FWD	415458 <sup>28</sup>	831006	GWI	455073	831522	WHITE	50151S
828688	WHITE	471137	83031	FWD	415003	831007	GWI	412473 <sup>28</sup>	831534	WHITE	474278 <sup>28</sup>
82-8714	BUC-E	470064	83031	FWD	415458 <sup>28</sup>	831007	GWI	415894	831534	WHITE	480356
82-8714	BUC-E	471821 <sup>28</sup>	83032	FWD	471652	831008	WHITE	415960 <sup>28</sup>	831551	WHITE	323138 <sup>28</sup>
82-87259	BUC-E	470086	83036	FWD	415389	831008	WHITE	455009	831556M1	MASSE	470354
828733	BUC-E	471869	83037	FWD	417316 <sup>28</sup>	83101	FWD	415060	83158	FWD	415147
828733	BUC-E	473459	83039	FWD	455556	83102	FWD	415351 <sup>28</sup>	83158	FWD	415449 <sup>28</sup>
82-8751	BUC-E	415072	83041	FWD	471646 <sup>28</sup>	831048M1	MASSE	482253	831604M1	MASSE	473117
828954	GWI	240319	83042	FWD	470358	831049M1	MASSE	480491	83161	CATER	416130 <sup>28</sup>
829.056	ELRNG	716102	83042	FWD	473231 <sup>28</sup>	831056M1	MASSE	450069	83161	FWD	470764 <sup>28</sup>
829211	WHITE	471192	83043	FWD	415077	831056M1	MASSE	473232	8316251	HR-DV	350414
8293S	TIMKE	8293S	83045	FWD	455080	831135	WHITE	415725 <sup>28</sup>	8316251	HR-DV	472311 <sup>28</sup>
829522	WHITE	330385 <sup>28</sup>	83047	FWD	450078	831135M1	MASSE	240733	83163R91	IH	470358
8-296	SPIICE	357PKG	83047	FWD	473444	83114	FWD	417316 <sup>28</sup>	83163R91	IH	473231
829638C1	IH	470045	83048	FWD	411376 <sup>28</sup>	83114	FWD	455004	83165	FWD	415899N

**INTERCHANGE SECTION**

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
83165	FWD	416624N	832398M1	MASSE	240319	833686M1	MASSE	416125 <sup>28</sup>	83502118	JEEP	710319
831660M1	MASSE	470219	832416M1	MASSE	416273 <sup>28</sup>	833687M1	MASSE	473473	83502508	AMC	3946
831660M1	MASSE	471649 <sup>28</sup>	83249	HYST	40520S	833718M1	MASSE	472041	83502798	AMC	3946
8316N	TIMKE	8316	832521	GW	417488 <sup>28</sup>	833718M1	MASSE	473454	83502798	JEEP	3946
831701M1	MASSE	240151	832586M1	MASSE	470358	833776M1	MASSE	416271 <sup>28</sup>	83503010	CHRY	473212 <sup>28</sup>
83174	FWD	415003	832586M1	MASSE	473231	833776M2	MASSE	416271 <sup>28</sup>	83503063	AMC	9912
83174	FWD	415458 <sup>28</sup>	832587M1	MASSE	55563	833777M1	MASSE	470954 <sup>28</sup>	83503063	CHRY	9912
83175	FWD	415483	832612M1	MASSE	416271 <sup>28</sup>	833800M1	MASSE	472164 <sup>28</sup>	83503063	JEEP	9912
83176	FWD	417344 <sup>28</sup>	832623	GW	417509	833801M1	MASSE	410524	83503063	MOPAR	9912
83177	FWD	417181 <sup>28</sup>	83270014	TROS	416239 <sup>28</sup>	833849M1	MASSE	450494	83503108	CHRY	1209
831776M1	MASSE	470530 <sup>28</sup>	832731M1	MASSE	204035	833849M1	MASSE	472164 <sup>28</sup>	83503108	MOPAR	1209
83178	FWD	415004	832791	WHITE	415449 <sup>28</sup>	833906	GW	450082	83503147	AMC	710046
83178	FWD	417316 <sup>28</sup>	832791	WHITE	455147	833906	GW	473238	83503147	CHRY	710046
83180	FWD	416278	8328	FULLE	450489	833909M1	MASSE	252277	83503147	JEEP	710046
83183	FWD	473227	8328	FULLE	473244	833910M1	MASSE	471643 <sup>28</sup>	83503234	JEEP	710164
831833M1	MASSE	340151	832830M1	MASSE	204013	833911M1	MASSE	471730	83503390	AMC	4434V
83184	FWD	415302	832834M1	MASSE	471267 <sup>28</sup>	833912M1	MASSE	471267 <sup>28</sup>	83503390	CHRY	4434V
831899M1	MASSE	416921 <sup>28</sup>	832840M1	MASSE	340495	833918	WHITE	417352	83503390	JEEP	4434V
831899M1	MASSE	455011	832841M1	MASSE	416380 <sup>28</sup>	833918	WHITE	418028 <sup>28</sup>	83503504	AMC	710202
831900M1	MASSE	450095	832841M2	MASSE	416380 <sup>28</sup>	8339811	GW	455079 <sup>28</sup>	83503752	JEEP	223830
831900M1	MASSE	473464 <sup>28</sup>	832880M1	MASSE	471763	834045M1	MASSE	471391 <sup>28</sup>	83503752	MOPAR	223830
831901M1	MASSE	415437	8329	HYST	470530 <sup>28</sup>	834052M1	MASSE	450067	83504048	JEEP	223840
831902M1	MASSE	450121	832954M1	MASSE	7790H	834052M1	MASSE	473228	83504055	JEEP	225005
831902M1	MASSE	472409 <sup>28</sup>	832954M2	MASSE	7790H	834055M2	MASSE	471684 <sup>28</sup>	83504708	JEEP	4370N
83191	FWD	415137 <sup>28</sup>	832954M3	MASSE	7790H	834055M2	MASSE	471698	83504946	CHRY	470331N
83191	FWD	418028	83300041	AMC	471652	834064M1	MASSE	415302	83504946	JEEP	470331N
831916M1	MASSE	471424 <sup>28</sup>	83300041	AMC	482208 <sup>28</sup>	834069M1	MASSE	471870 <sup>28</sup>	83504946	MOPAR	470331N
83192	FWD	417602 <sup>28</sup>	833067M	MASSE	450067	834069M1	MASSE	471883	83505052	CHRY	224462
831926M1	MASSE	473010 <sup>28</sup>	833067M	MASSE	473228	834092M1	MASSE	417484N	83505225	CHRY	710484
83193	FWD	415035 <sup>28</sup>	833105M1	MASSE	450067	834092M1	MASSE	455322	83505264	CHRY	710279
83193	FWD	415953	833105M1	MASSE	473228	834215M1	MASSE	471835 <sup>28</sup>	83505290	AMC	3946
83194	FWD	6663S	833136M1	MASSE	415458 <sup>28</sup>	834216M1	MASSE	470565 <sup>28</sup>	83506045	JEEP	1981
831942M1	MASSE	415458 <sup>28</sup>	833136M1	MASSE	455003	834262	WHITE	417352	83506045	MOPAR	1981
831942M1	MASSE	455003	833190M1	MASSE	472164 <sup>28</sup>	834262	WHITE	418028 <sup>28</sup>	83506295	AMC	7412S
83195	FWD	415146 <sup>28</sup>	833191M1	MASSE	471652	834301M1	MASSE	415263	835062M1	MASSE	412943
83195	FWD	415991	833191M1	MASSE	482208 <sup>28</sup>	834316M1	MASSE	450492	835171M1	MASSE	471391 <sup>28</sup>
831959M1	MASSE	472258 <sup>28</sup>	833230M1	MASSE	471554 <sup>28</sup>	834318M1	MASSE	473227 <sup>28</sup>	835274	WHITE	417546 <sup>28</sup>
83196	FWD	416664 <sup>28</sup>	833237M1	MASSE	416921 <sup>28</sup>	834364M1	MASSE	470954 <sup>28</sup>	835614	WHITE	416345 <sup>28</sup>
83199	FWD	J1119	833237M1	MASSE	455011	834364M1	MASSE	480954	835614	WHITE	455033
83200	FWD	472636 <sup>28</sup>	833239M1	MASSE	410737 <sup>28</sup>	83444R91	IH	450084 <sup>28</sup>	835615	WHITE	415066
832000M1	MASSE	471344	833239M1	MASSE	450737	834523M1	MASSE	416278	8356365	GMC	415991 <sup>28</sup>
83202	FWD	J1117	833243	MASSE	416288 <sup>28</sup>	834556M1	MASSE	415281N	8356365	GMC	415991N
83203	FWD	450519	833243M1	MASSE	416288 <sup>28</sup>	83458R91	IH	417316 <sup>28</sup>	835964	WHITE	411253 <sup>28</sup>
83203	FWD	471271 <sup>28</sup>	833245M1	MASSE	415146 <sup>28</sup>	834711M1	MASSE	410102	835964	WHITE	450099
83206	FWD	415437	833245M1	MASSE	415991	834793M1	MASSE	415254	835965	WHITE	415023
83208	FWD	370086A	8332959	GMC	471554 <sup>28</sup>	834800M1	MASSE	471341 <sup>28</sup>	835967	WHITE	415458 <sup>28</sup>
832117M1	MASSE	450067	833302M1	MASSE	415563	834831M1	MASSE	412119 <sup>28</sup>	835967	WHITE	455003
832117M1	MASSE	473228	833302M1	MASSE	417433 <sup>28</sup>	83483403	WARNE	370023A	835968	WHITE	416921 <sup>28</sup>
832125M1	MASSE	470543	833303M1	MASSE	471195 <sup>28</sup>	834844M1	MASSE	471271 <sup>28</sup>	835968	WHITE	455011
832125M1	MASSE	474272	833342M1	MASSE	8521S	8348591	GMC	455195	835969	WHITE	415379 <sup>28</sup>
83213	FWD	416339	833355M1	MASSE	200763	8348591	GMC	472157 <sup>28</sup>	835969	WHITE	455379
83214	FWD	472492 <sup>28</sup>	833380M1	MASSE	471643 <sup>28</sup>	8349060	SAAB	710580	8362	TIMKE	8362
83215	FWD	472070	833381M1	MASSE	471255 <sup>28</sup>	834952M1	MASSE	416865 <sup>28</sup>	836615	WHITE	415066
832245M1	MASSE	470806	8333962	GMC	450066	83500199	JEEP	710204	836647	GW	417262 <sup>28</sup>
832246M1	MASSE	472658	8333962	GMC	473367 <sup>28</sup>	83500501	JEEP	223014	836647	GW	455448
832246M1	MASSE	473197	833415M1	MASSE	6590S	83501009	JEEP	5131	8367713	GMC	J1123
832247M1	MASSE	471344	833482M1	MASSE	41461S	83501389	AMC	4370N	8367714	GMC	415025
832332M1	MASSE	450519	8335	SUPER	411253 <sup>28</sup>	83501389	CHRY	4370N	8367715	GMC	416294 <sup>28</sup>
832332M1	MASSE	471271 <sup>28</sup>	8335	SUPER	450099	83501389	JEEP	4370N	837003	WHITE	370003A
832335M1	MASSE	5857	833675M1	MASSE	416664 <sup>28</sup>	83501872	AMC	473135V	837003	WHITE	380003A

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
837012	WHITE	417316 <sup>28</sup>	84001	MCCOR	481864	84085	MCCOR	474281 <sup>28</sup>	84166	FITZ	472394
837012	WHITE	455004	840021100	EATON	6879H	840865	GW	450083	84166	MCCOR	473441
837017	WHITE	415001 <sup>28</sup>	840021200	EATON	410308 <sup>28</sup>	840865	GW	472924 <sup>28</sup>	84167	FITZ	450593 <sup>28</sup>
8370S	TIMKE	8370S	840021200	EATON	473468	84097	MCCOR	470086	84172	FITZ	450078
837200	WHITE	415991 <sup>28</sup>	840030	SPICE	473517 <sup>28</sup>	84098	MCCOR	450111	84172	FITZ	473444
837200	WHITE	415991N	840030	VIC	473517 <sup>28</sup>	840RC	SUL	415937 <sup>28</sup>	84172	MCCOR	5836
837236	WHITE	415072	8400544	EATON	470308N	84102	FITZ	471750 <sup>28</sup>	841722	WHITE	415551
837445	WHITE	471887	8400544-00	EATON	470308N	84103	FITZ	411253 <sup>28</sup>	84174	FITZ	5727
837470	WHITE	6612S	84006	MCCOR	5070	84103	FITZ	450099	84176	FITZ	450078
837470A	WHITE	6612S	840062	TW-CO	471549 <sup>28</sup>	84104	FITZ	470077	84176	FITZ	473444
837512	VIC	370178A	84011	MCCOR	471869	84104	FITZ	474281 <sup>28</sup>	84176	MCCOR	473179 <sup>28</sup>
837512	WHITE	370178A	84011	MCCOR	473459	84105	FITZ	470059	84177	MCCOR	450274
837512	WHITE	455200	84016	MCCOR	473473	84105	FITZ	470380 <sup>28</sup>	84180	MCCOR	40370S
837548	WHITE	450494	84018	FITZ	5070	841058100	EATON	470565 <sup>28</sup>	84181	MCCOR	40286
837548	WHITE	472164 <sup>28</sup>	84021	MCCOR	473446	841058300	EATON	470565 <sup>28</sup>	84185	FITZ	473441
837556	WHITE	472082	84023	MCCOR	450073	84112	MCCOR	413469 <sup>28</sup>	84186	MCCOR	5M289
83758R91	IH	474278 <sup>28</sup>	84029	FITZ	473450 <sup>28</sup>	841125	WHITE	415138 <sup>28</sup>	84188	MCCOR	411500
83758R91	IH	480356	84030	MCCOR	450076	84114	FITZ	450095	84189	FITZ	450089
837596	WHITE	415371	84030	MCCOR	470334 <sup>28</sup>	84114	FITZ	473464 <sup>28</sup>	84191	FITZ	472234
8376364	CHRY	417196 <sup>28</sup>	84031	FITZ	416738 <sup>28</sup>	84115	MCCOR	5M293	84191	MCCOR	473460
837705	WHITE	416130 <sup>28</sup>	84031	FITZ	450096	84118	MCCOR	470074	84195	MCCOR	5MR71
837739	WHITE	410694 <sup>28</sup>	84032	FITZ	470045	84118	MCCOR	474265	84197	FITZ	472287 <sup>28</sup>
837952	GW	471466 <sup>28</sup>	84032	FITZ	476838 <sup>28</sup>	84119	MCCOR	5M89	84198	MCCOR	412119 <sup>28</sup>
8381138	GMC	415437	84032	MCCOR	450084 <sup>28</sup>	84124	MCCOR	450078	84198	MCCOR	450101
8381139	GMC	J1124	84033	MCCOR	471141 <sup>28</sup>	84124	MCCOR	473444	84199	FITZ	470062
83823	EATON	370038A	840344900	EATON	415371	84125	MCCOR	450115	84199	FITZ	474264
8382454	GMC	455480 <sup>28</sup>	84035	FITZ	455008	84125	MCCOR	473467	84199	MCCOR	5827
838355	WHITE	370065A	84036	FITZ	450066	84126	FITZ	450066	84200	FITZ	450085
838355	WHITE	376590A	84036	FITZ	473367 <sup>28</sup>	84126	FITZ	473367 <sup>28</sup>	84200	FITZ	470530 <sup>28</sup>
838355	WHITE	380065A	84037	MCCOR	6090S	84127	FITZ	481864	84200	MCCOR	473447
8386386	CONTI	470189	8403S	NATL	473228	84128	MCCOR	473458	842017	MASSE	417344 <sup>28</sup>
8386386	CONTI	471692 <sup>28</sup>	8403S	NATL	51098	84129	MCCOR	472234	842017M1	MASSE	417344 <sup>28</sup>
838860	GW	450121	84044	FITZ	450084 <sup>28</sup>	84130	MCCOR	473245 <sup>28</sup>	84204	FITZ	450143
838860	GW	472409 <sup>28</sup>	840500	WHITE	8635S	84131	MCCOR	473450	842048	WHITE	417507 <sup>28</sup>
838861	GW	450365	84052	MCCOR	471862	84134	FITZ	414045 <sup>28</sup>	842048	WHITE	455513
838861	GW	470898	84060	FITZ	471354 <sup>28</sup>	84136	FITZ	471570 <sup>28</sup>	84205	FITZ	450066
839064	WHITE	471466 <sup>28</sup>	84062	FITZ	473446	841369	WHITE	416229	84205	FITZ	473367 <sup>28</sup>
839103	GW	455195	840630900	EATON	416294 <sup>28</sup>	84137	FITZ	450076	84205	MCCOR	480491
839103	GW	472157 <sup>28</sup>	84064	MCCOR	6186	84137	FITZ	470334 <sup>28</sup>	84207	MCCOR	6064
839129	GMC	5419	84067	MCCOR	410308 <sup>28</sup>	84139	FITZ	470074	84208	MCCOR	5865
839495	WHITE	6872S	840689800	EATON	370063A	84139	FITZ	474265	8420818	VOLVO	223005
839496	WHITE	JV701	840691	GW	415991	84140	MCCOR	5727	84209	MCCOR	416738 <sup>28</sup>
8395460	CONTI	471192	840691	GW	455146 <sup>28</sup>	84142	FITZ	450666	84209	MCCOR	450096
839594	WHITE	6872S	840692	GW	480491	84145	MCCOR	411253 <sup>28</sup>	84209S	MCCOR	416738 <sup>28</sup>
839784	WHITE	471570 <sup>28</sup>	84070	MCCOR	414045 <sup>28</sup>	84145	MCCOR	450099	84209S	MCCOR	450096
839809	GW	415234 <sup>28</sup>	84072	MCCOR	5M403	84147	FITZ	412943	84210	MCCOR	412920 <sup>28</sup>
839810	GW	415379 <sup>28</sup>	84073	MCCOR	5M81	84148	MCCOR	450095	84210	MCCOR	450132
839810	GW	455379	84074	FITZ	473448	84148	MCCOR	473464 <sup>28</sup>	84211	FITZ	450115
839811	GW	455079 <sup>28</sup>	84074	MCCOR	472439	84149	MCCOR	5778	84211	FITZ	473467 <sup>28</sup>
839984	WHITE	370001A	84075	MCCOR	450085	84151	FITZ	473213 <sup>28</sup>	84212	FITZ	471869
839984	WHITE	380001A	84075	MCCOR	470530 <sup>28</sup>	84153	MCCOR	473450 <sup>28</sup>	84212	FITZ	473459
83BG3K169B5A	FORD	224250	8407505	EATON	370064A	84154	MCCOR	5796	84212	MCCOR	450365
83BG3K169B5A	FORD	42X62X8 <sup>28</sup>	840750500	EATON	370064A	84157	MCCOR	5756	84212	MCCOR	470898
83BG4676A1C	FORD	712011	840754800	EATON	370077A	84159	FITZ	450083	842125M1	MASSE	415281N
83BM-6701A3A	FORD	3393	840776000	EATON	370094A	84159	FITZ	472924 <sup>28</sup>	84212S	FITZ	471869
83BM6701A4A	FORD	3393	84078	FITZ	450065	84159	MCCOR	410190	84212S	FITZ	473459
83HM6700A1A	FORD	473560N	840787	GW	418028	84162	MCCOR	40973S	84213	FITZ	5778
83HM-6700-AA	FORD	3774	840787	GW	455137 <sup>28</sup>	84164	FITZ	450111	84213	MCCOR	450070
83SM6701A6A	FORD	3772	84080	MCCOR	50081	84164	MCCOR	470898	84213	MCCOR	472185 <sup>28</sup>
840009	SPICE	471795	84085	MCCOR	470077	84165	MCCOR	6064	84214	FITZ	450067

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
84214	FITZ	473228	84256	FITZ	471224 <sup>28</sup>	842A7	WHITE	5796	84339	MCCOR	450326
84214	MCCOR	470682	84257	MCCOR	410312N	84301	MCCOR	410708	84340	FITZ	473179 <sup>28</sup>
842148M2	MASSE	415013N	842579M1	MASSE	472164 <sup>28</sup>	84302	MCCOR	472185 <sup>28</sup>	84340	MCCOR	412871 <sup>28</sup>
842148M2	MASSE	415995V	84257S	MCCOR	410312N	84303	FITZ	473440 <sup>28</sup>	84340	MCCOR	450329
842149M2	MASSE	415272N	84258	FITZ	473460	84303	MCCOR	410085	843413M1	MASSE	472029
84215	FITZ	410312N	84258	MCCOR	472394	84303	MCCOR	470530 <sup>28</sup>	84342	MCCOR	451948
84218	MCCOR	473471	84259	MCCOR	472394	84304	FITZ	472439	84343	FITZ	5827
842189	GW	473445	84260	MCCOR	6064	84305	MCCOR	472179	84344	FITZ	455336
84219	MCCOR	200354	84261	FITZ	410190	84306	MCCOR	473235 <sup>28</sup>	84344	MCCOR	471424 <sup>28</sup>
842193	GW	455406 <sup>28</sup>	842610M1	MASSE	472636 <sup>28</sup>	84308	FITZ	413469 <sup>28</sup>	84345	FITZ	455249 <sup>28</sup>
8421S	TIMKE	8421S	84262	MCCOR	450467	84308	MCCOR	472636 <sup>28</sup>	84346	MCCOR	450441
84220	FITZ	472826 <sup>28</sup>	84263	FITZ	471820	8430S	TIMKE	8430S	84346	MCCOR	471341 <sup>28</sup>
84220	MCCOR	450082	84263	MCCOR	411253 <sup>28</sup>	84310	MCCOR	415147	84347	MCCOR	472319
84220	MCCOR	473238	84264	FITZ	40769S	84310	MCCOR	415449 <sup>28</sup>	84348	MCCOR	450456 <sup>28</sup>
84222	MCCOR	5877	842642	WHITE	240733	84311	MCCOR	473460	843485M1	MASSE	352541
84223	FITZ	415007	84266	MCCOR	473457 <sup>28</sup>	84313	MCCOR	410183N	84351	MCCOR	450474
84224	MCCOR	450083	84267	MCCOR	450307	84317	FITZ	473450 <sup>28</sup>	84353	MCCOR	410496 <sup>28</sup>
84224	MCCOR	472924 <sup>28</sup>	84269	MCCOR	411330N	84317F	DIA	6597S	84355	MCCOR	450516
84226	MCCOR	416738 <sup>28</sup>	842692	WHITE	471787 <sup>28</sup>	84318	FITZ	470354	84356	FITZ	5836
84226	MCCOR	450096	84270	MCCOR	410085	84319	MCCOR	450069	84356	MCCOR	410520
84227	MCCOR	450121	84270	MCCOR	470530 <sup>28</sup>	84319	MCCOR	473232	84356	MCCOR	471272 <sup>28</sup>
84227	MCCOR	472409 <sup>28</sup>	84273	MCCOR	415483 <sup>28</sup>	8431LPD	JN-MN	417298	843565	WHITE	471442 <sup>28</sup>
84230	FITZ	415458 <sup>28</sup>	84273	MCCOR	455368	8431LUP	JN-MN	417298	84357	MCCOR	471887
84230	FITZ	455003	842739M1	MASSE	340853	84320	FITZ	450188	84358	MCCOR	450533
842309M1	MASSE	475009N	84274	MCCOR	40566S	84320	MCCOR	473313	84359	MCCOR	411376 <sup>28</sup>
84232	MCCOR	473473	84277	MCCOR	410308 <sup>28</sup>	84321	FITZ	474278 <sup>28</sup>	84359	MCCOR	455093
842322M1	MASSE	473231 <sup>28</sup>	84277	MCCOR	450308	84321	FITZ	480356	8436	C-R	473414
84233	MCCOR	450365	84277S	MCCOR	410308 <sup>28</sup>	84321	MCCOR	470088	8436	SKF	473414
84233	MCCOR	470898	84277S	MCCOR	450308	84322	FITZ	473447	84360	MCCOR	415302
84236	FITZ	415449 <sup>28</sup>	84278	MCCOR	450291	84323	MCCOR	412943	84361	FITZ	6064
84236	FITZ	455147	84278	MCCOR	471141 <sup>28</sup>	84324	FITZ	455280	84363	FITZ	473228 <sup>28</sup>
84237	FITZ	5751	84279	FITZ	450066	84324	MCCOR	410694 <sup>28</sup>	84364	FITZ	40370S
84238	MCCOR	450183	84279	FITZ	473367 <sup>28</sup>	84324S	MCCOR	410694 <sup>28</sup>	843661M1	MASSE	330663
84238	MCCOR	472179	84279	MCCOR	450415	84325	MCCOR	410102	843661M1	MASSE	472354 <sup>28</sup>
84241	FITZ	415254	84281	FITZ	450073	84326	MCCOR	450117	84367	FITZ	5070
84243	MCCOR	5924	84281	MCCOR	493291	84326	MCCOR	472572 <sup>28</sup>	843671M1	MASSE	416664 <sup>28</sup>
84244	FITZ	417073	84282	FITZ	415960 <sup>28</sup>	84327	MCCOR	450118	8436LUP	JN-MN	476281 <sup>29</sup>
84246	FITZ	473215 <sup>28</sup>	84282	FITZ	455009	84327	MCCOR	473449	84372	FITZ	411500
84246	MCCOR	410737 <sup>28</sup>	842824M1	MASSE	471224 <sup>28</sup>	84328	FITZ	450154	84374	FITZ	6064
84246	MCCOR	450737	84283	FITZ	415001 <sup>28</sup>	84328	FITZ	473234	84375	FITZ	40286
84247	FITZ	450115	84283	FITZ	455001	84328	MCCOR	473463	84376	FITZ	450274
84247	FITZ	473467 <sup>28</sup>	84284	FITZ	5756	84329	MCCOR	473236 <sup>28</sup>	843788M1	MASSE	471192
84247	MCCOR	415147	84284	MCCOR	410316	84330	FITZ	472560N <sup>28</sup>	843789M1	MASSE	473517 <sup>28</sup>
84247	MCCOR	415449 <sup>28</sup>	84284	MCCOR	472636 <sup>28</sup>	84330	FITZ	50151S	8437LPD	JN-MN	455022
84247S	FITZ	472015 <sup>28</sup>	84285	FITZ	473473	843301	WHITE	471413 <sup>28</sup>	8437LUP	JN-MN	455022
84248	FITZ	473450	84286	FITZ	5796	84331	MCCOR	473235 <sup>28</sup>	84382	FITZ	5827
84249	FITZ	473245 <sup>28</sup>	84286	MCCOR	415449 <sup>28</sup>	843326M1	MASSE	471192	84382	MCCOR	6283S
84249	MCCOR	450307	84286	MCCOR	455147	84333	MCCOR	450273	84384	MCCOR	450776 <sup>28</sup>
84250	FITZ	450043	84286S	MCCOR	415449 <sup>28</sup>	84335	FITZ	412119 <sup>28</sup>	843844M1	MASSE	471271 <sup>28</sup>
84250	FITZ	473419	84286S	MCCOR	455147	84335	FITZ	450101	84385	MCCOR	412920 <sup>28</sup>
84250	MCCOR	410987 <sup>28</sup>	84289	FITZ	471820	84335	MCCOR	472144 <sup>28</sup>	84388	FITZ	450365
84250	MCCOR	450103	842900M1	MASSE	8126S	84336	FITZ	415034 <sup>28</sup>	84388	FITZ	470898 <sup>28</sup>
84251	FITZ	450030	84292	FITZ	471571	84336	FITZ	455034	84388	MCCOR	470605 <sup>28</sup>
84251	FITZ	474253 <sup>28</sup>	84295	FITZ	240023	84336	MCCOR	450301	84389	FITZ	450094
84253	FITZ	473458	84297	FITZ	5778	84336	MCCOR	472397 <sup>28</sup>	84389	FITZ	473462
84254	MCCOR	450316	84297	MCCOR	203034	84337	FITZ	450291	84389	MCCOR	413247 <sup>28</sup>
84254	MCCOR	472636 <sup>28</sup>	84298	MCCOR	471316	84337	FITZ	471141 <sup>28</sup>	84389	MCCOR	450350
84254S	MCCOR	450316	84299	FITZ	470169	84337	MCCOR	472015 <sup>28</sup>	843893M1	MASSE	472015 <sup>28</sup>
84254S	MCCOR	472636 <sup>28</sup>	84299	FITZ	473214 <sup>28</sup>	84337	MCCOR	472015 <sup>28</sup>	8438LPD	JN-MN	417500
84256	FITZ	470120	8429S	TIMKE	8429S	84337M1	MASSE	471831 <sup>28</sup>	84390	FITZ	410987 <sup>28</sup>

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Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
84390	FITZ	450103	84437	MCCOR	471316	84486	FITZ	473227 <sup>28</sup>	845275	WHITE	417181 <sup>28</sup>
84390	MCCOR	473448	84438	MCCOR	470806	84486	MCCOR	416271 <sup>28</sup>	845276	WHITE	450183
843908	WHITE	240735	84438S	MCCOR	470806	84487	FITZ	411330N	845276	WHITE	472179
84391	MCCOR	450446	8443LPD	JN-MN	472319	84487	MCCOR	450803	84528	FITZ	450185
84392	MCCOR	450463	8443LUP	JN-MN	472319	84488	FITZ	416654 <sup>28</sup>	84528	FITZ	473229
84394	FITZ	450082	84441	FITZ	450365	84488	FITZ	455012	84529	FITZ	6270
84394	FITZ	473238	84441	FITZ	470898 <sup>28</sup>	84489	FITZ	415483 <sup>28</sup>	84530	FITZ	5401
84395	FITZ	5877	84446	MCCOR	450143	84489	FITZ	455368	84530	MCCOR	450911N <sup>28</sup>
84395	MCCOR	450094	844464	HESST	416071	84490	MCCOR	450765 <sup>28</sup>	84530K	FITZ	5401
84395	MCCOR	473462	84447	FITZ	471192	84491	FITZ	410308 <sup>28</sup>	84532	MCCOR	6636S
84396	FITZ	410190	84448	MCCOR	200600	84491	FITZ	450308	84533	FITZ	493291
84396	MCCOR	440265	84452	FITZ	470027	84492	FITZ	450307	84533	MCCOR	410708
84397	FITZ	200354	84452	FITZ	471554 <sup>28</sup>	84492	MCCOR	470712 <sup>28</sup>	84534	FITZ	450335
84398	FITZ	5872S	84452	MCCOR	473440 <sup>28</sup>	84493	FITZ	450291	84534	MCCOR	6712NA
84399	MCCOR	6336S	84453	FITZ	471192	84493	FITZ	471141 <sup>28</sup>	84535	FITZ	455151
844001176	IH	416404 <sup>28</sup>	84454	MCCOR	410737 <sup>28</sup>	84495	MCCOR	450313	84536	FITZ	42763
844001177	IH	417351 <sup>28</sup>	84456	FITZ	473435	84497	FITZ	353141 <sup>28</sup>	84536	MCCOR	473016 <sup>28</sup>
844001177	IH	455154	84456	MCCOR	472439	844974	WHITE	417171 <sup>28</sup>	84537	MCCOR	472150
844001180	IH	472924 <sup>28</sup>	84457	FITZ	415001 <sup>28</sup>	84498	MCCOR	411394 <sup>28</sup>	84538	FITZ	450776 <sup>28</sup>
844001181	IH	415871	84457	FITZ	455001	84498	MCCOR	450317	84538	MCCOR	450984
844001183	IH	417546 <sup>28</sup>	84458	MCCOR	472015 <sup>28</sup>	84499	FITZ	6064	84539	FITZ	450776 <sup>28</sup>
84402	FITZ	6936S	84459	MCCOR	473241	84499	MCCOR	473461 <sup>28</sup>	84539	MCCOR	416271 <sup>28</sup>
84402S	FITZ	6936S	84463	FITZ	41787S	8449SS	JN-MN	470950 <sup>28</sup>	84541	MCCOR	472164 <sup>28</sup>
84403	FITZ	415041	84465	MCCOR	472015 <sup>28</sup>	8449SS	JN-MN	6241S	84542	FITZ	417516
84404	FITZ	340724 <sup>28</sup>	84468	FITZ	471689 <sup>28</sup>	844RC	SUL	473238 <sup>28</sup>	84543	FITZ	472439
84404	MCCOR	6460S	84468	MCCOR	450867	84500	FITZ	415995 <sup>28</sup>	84544	MCCOR	470764 <sup>28</sup>
84408	FITZ	8160S	84468	MCCOR	470898	84500	FITZ	455013	84545	FITZ	417316 <sup>28</sup>
84408	MCCOR	450068	84469	FITZ	40395	84500	MCCOR	200640	84546	FITZ	415697 <sup>28</sup>
84408S	FITZ	8160S	84469	FITZ	40395S	84501	MCCOR	450298	84546	FITZ	455547
84409	FITZ	470898	84470	FITZ	450400	84501	MCCOR	473239	84546	MCCOR	416271 <sup>28</sup>
84409	MCCOR	472070	84470	MCCOR	473238 <sup>28</sup>	84501S	FITZ	6241S	84547	FITZ	3210
84410	MCCOR	450285	84471	MCCOR	471391 <sup>28</sup>	84502	FITZ	40566S	84547	MCCOR	470308N
84411	FITZ	470548	84472	MCCOR	471870 <sup>28</sup>	84503	FITZ	2081	84548	MCCOR	205004
84411	FITZ	470625 <sup>28</sup>	84472	MCCOR	471883	84503	MCCOR	450472 <sup>28</sup>	84549	MCCOR	6626S
84412	MCCOR	450311	84473	FITZ	475012N	8450413	GMC	470682	84549K	FITZ	5403
84414	MCCOR	450389	84473	MCCOR	472492 <sup>28</sup>	845045	WHITE	415302	84550	FITZ	471316
84414	MCCOR	472492 <sup>28</sup>	84474	FITZ	410312N	84506	MCCOR	473474	84551	FITZ	472439
84415	FITZ	415072	84474	MCCOR	472287 <sup>28</sup>	84508	FITZ	450444	84552	MCCOR	6781
84415	MCCOR	472658	84475	FITZ	415001 <sup>28</sup>	84508	FITZ	471835 <sup>28</sup>	84553	FITZ	455195
84415	MCCOR	473197	84475	MCCOR	39302	84508	MCCOR	6163S	84553	FITZ	472157 <sup>28</sup>
844159	HESST	471391 <sup>28</sup>	84475S	MCCOR	39302	84509	FITZ	440265	84553	MCCOR	470565 <sup>28</sup>
84416	MCCOR	50528	84476	FITZ	450467	84509	MCCOR	210945	84554	FITZ	473235 <sup>28</sup>
84419	FITZ	470950 <sup>28</sup>	84476	MCCOR	471763	84510	MCCOR	472924 <sup>28</sup>	84555	MCCOR	410085
84419	FITZ	6241S	84477	FITZ	410316	84511	FITZ	417316 <sup>28</sup>	84555	MCCOR	470530 <sup>28</sup>
84420	MCCOR	450776 <sup>28</sup>	84477	FITZ	472636 <sup>28</sup>	84511	MCCOR	410987 <sup>28</sup>	84556	FITZ	410059
84421	MCCOR	416271 <sup>28</sup>	84477	MCCOR	471689 <sup>28</sup>	84512	MCCOR	473234 <sup>28</sup>	84556	FITZ	470380 <sup>28</sup>
84422	FITZ	471255 <sup>28</sup>	84478	FITZ	415147	84513	FITZ	6186	84556	MCCOR	415147
84422	MCCOR	416664 <sup>28</sup>	84478	FITZ	415449 <sup>28</sup>	84514	FITZ	6358	84556	MCCOR	415449 <sup>28</sup>
84422	MCCOR	455364	84478	MCCOR	410519	845161	WHITE	417158 <sup>28</sup>	84556S	FITZ	410059
84423	FITZ	411253 <sup>28</sup>	84478	MCCOR	471271 <sup>28</sup>	845161	WHITE	455355	84556S	FITZ	470380 <sup>28</sup>
84423	FITZ	450099	84479	FITZ	415960	84517	MCCOR	5MR1008	84557	MCCOR	415147
8442SS	JN-MN	471649 <sup>28</sup>	84481	MCCOR	6988H	84519	FITZ	40769S	84557	MCCOR	415449 <sup>28</sup>
84431	FITZ	5070	84481H	MCCOR	6988H	84519	MCCOR	410085	84558	MCCOR	473215 <sup>28</sup>
84431	MCCOR	471271 <sup>28</sup>	84483	FITZ	410085	84519	MCCOR	470530 <sup>28</sup>	84562	MCCOR	451078 <sup>28</sup>
84432	FITZ	470606 <sup>28</sup>	84483	FITZ	470530 <sup>28</sup>	84523	MCCOR	473442 <sup>28</sup>	84565	FITZ	240151
84434	MCCOR	410520	84483	MCCOR	415449 <sup>28</sup>	84524	FITZ	475380N	84565	MCCOR	7600S
84434	MCCOR	471272 <sup>28</sup>	84484	FITZ	472394	84526	MCCOR	413479	84567	FITZ	6863S <sup>28</sup>
84435	MCCOR	413246	84484	MCCOR	411376 <sup>28</sup>	84527	FITZ	40576S	84567	MCCOR	6818
84435	MCCOR	413246N	84485	FITZ	474276 <sup>28</sup>	84527	MCCOR	412119 <sup>28</sup>	84569	MCCOR	6879H
84437	FITZ	5924	84485	MCCOR	470565 <sup>28</sup>	845274	WHITE	471570 <sup>28</sup>	8457	FULLE	417352

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8457	FULLE	418028 <sup>28</sup>	84609	MCCOR	414045 <sup>28</sup>	8463LPD	JN-MN	471554 <sup>28</sup>	84673	FITZ	415058
84572	MCCOR	410708	8460N	TIMKE	8460N	8463LUP	JN-MN	470027	84673	MCCOR	3095
84573	FITZ	470163	84610	FITZ	340797	8463LUP	JN-MN	471554 <sup>28</sup>	84674	FITZ	417351 <sup>28</sup>
84573	FITZ	471766 <sup>28</sup>	84610	MCCOR	410496 <sup>28</sup>	84640	FITZ	410183N	84674	FITZ	455154
84573	MCCOR	450269	84611	FITZ	340413	84641	FITZ	450070	84674	MCCOR	5113
84574	FITZ	456618	84611	MCCOR	410496 <sup>28</sup>	84641	FITZ	472185 <sup>28</sup>	84675	FITZ	416011
84574	MCCOR	415449 <sup>28</sup>	84612	FITZ	350936	84641	MCCOR	473464	84675	FITZ	417621 <sup>28</sup>
84575	FITZ	415371	84612	MCCOR	470334 <sup>28</sup>	84642	FITZ	483054N	84675	MCCOR	5573
84576	FITZ	416865 <sup>28</sup>	84613	FITZ	416130 <sup>28</sup>	84643	FITZ	450069	84676	MCCOR	8516N
84576	FITZ	455070	84613	MCCOR	473179 <sup>28</sup>	84643	FITZ	473232	846765	WHITE	JV701
84577	MCCOR	6808N	84614	FITZ	415043	84643	MCCOR	415147	84676S	FITZ	471344
84578	FITZ	410737 <sup>28</sup>	84614	MCCOR	44053	84643	MCCOR	415449 <sup>28</sup>	84677	FITZ	471571
84578	MCCOR	473234 <sup>28</sup>	84615	FITZ	417267	84644	FITZ	471765 <sup>28</sup>	84677	MCCOR	9150S
84580	FITZ	471862	84615	MCCOR	455434	84644	MCCOR	451469	84678	FITZ	415991
84581	MCCOR	8650S	84616	FITZ	455024	84645	FITZ	410102	84678	FITZ	455146 <sup>28</sup>
84582	MCCOR	416271 <sup>28</sup>	84616	MCCOR	6954S	84645	MCCOR	472185 <sup>28</sup>	84678	MCCOR	205044
84583	FITZ	412473 <sup>28</sup>	84617	FITZ	455151	84646	MCCOR	473232 <sup>28</sup>	84679	FITZ	416271 <sup>28</sup>
84583	FITZ	415894	84617	MCCOR	44052	84646K	FITZ	5408	84680	FITZ	411376 <sup>28</sup>
84583	MCCOR	330663	84618	FITZ	455037	84647	MCCOR	410987 <sup>28</sup>	84680	FITZ	455093
84583	MCCOR	472354 <sup>28</sup>	84618	MCCOR	410737 <sup>28</sup>	84647	MCCOR	450686	84680	MCCOR	205015
84584	FITZ	410737 <sup>28</sup>	84618S	FITZ	455037	84648	MCCOR	413246N	84681	FITZ	370022A
84584	FITZ	450737	84619	FITZ	370036A	84648	MCCOR	483246N	84681	MCCOR	450639
84584	MCCOR	6590S	84619	MCCOR	470487N	84649	MCCOR	7381S	84682	FITZ	416070
84585	FITZ	417344 <sup>28</sup>	8461LPD	JN-MN	470088	8464LPD	JN-MN	471570 <sup>28,29</sup>	84683	FITZ	416664 <sup>28</sup>
84585	FITZ	455006	8461LUP	JN-MN	470088	8464LUP	JN-MN	471570 <sup>28</sup>	84683	FITZ	455364
84586	FITZ	330385 <sup>28</sup>	84620	FITZ	473232 <sup>28</sup>	84650	MCCOR	473243	84683	MCCOR	413248
84587	MCCOR	412040	84621	FITZ	470548	84651	MCCOR	331107N	84684	FITZ	415991
84589	FITZ	473474	84621	FITZ	470625 <sup>28</sup>	84651H	MCCOR	331107N	84684	FITZ	455146 <sup>28</sup>
84590	FITZ	470351	84621	MCCOR	473228	84651N	MCCOR	331107N	84684	MCCOR	340900
84590	FITZ	471504 <sup>28</sup>	84621	MCCOR	51098	84652	FITZ	6636S	84685S	FITZ	417506
84590S	FITZ	470351	84622	FITZ	471750 <sup>28</sup>	84653	MCCOR	415302	84686	FITZ	417507 <sup>28</sup>
84590S	FITZ	471504 <sup>28</sup>	84622	MCCOR	3103 <sup>28</sup>	84654	FITZ	415138 <sup>28</sup>	84686	FITZ	455513
84592	MCCOR	450104	84623	FITZ	453165	84655	FITZ	415060	84686	MCCOR	471341 <sup>28</sup>
84593	MCCOR	450133	84623	FITZ	471619 <sup>28</sup>	84656	FITZ	415351 <sup>28</sup>	84687	FITZ	450482
84594	MCCOR	474274	84624	FITZ	450025	84656	MCCOR	45827S	84688	FITZ	417484N
84595	FITZ	470062	84624	FITZ	471553 <sup>28</sup>	84657	FITZ	450666	84688	FITZ	455322
84595	FITZ	474264	84624	MCCOR	5126	84658	FITZ	455251H	84688	MCCOR	331301N
84595	MCCOR	450519	84625	MCCOR	7216	84658	MCCOR	470331N	84689	FITZ	410308 <sup>28</sup>
84595	MCCOR	471271 <sup>28</sup>	846256	WHITE	471870 <sup>28</sup>	8465LUP	JN-MN	470590	8468LUP	JN-MN	410708 <sup>29</sup>
84596	FITZ	6638S	846256	WHITE	471883	8465LUP	JN-MN	470590	84690	FITZ	200600
84599	FITZ	350679	846275	WHITE	100495	84660	FITZ	470543	84690	MCCOR	5113
84599	FITZ	470954 <sup>28</sup>	846275	WHITE	415281N	84660	FITZ	474272 <sup>28</sup>	84691	FITZ	471646 <sup>28</sup>
846	MERIX	370037A	84628	MCCOR	203006 <sup>28</sup>	84663	FITZ	473473	84691	MCCOR	7581H
846	MERIX	370338A	8462LPD	JN-MN	410312N	84664S	FITZ	450867	84692	FITZ	471801 <sup>28</sup>
846	ROCKW	370037A	8462LUP	JN-MN	410312N	84664S	FITZ	470898	84693	FITZ	471567 <sup>28</sup>
846	ROCKW	370338A	84630	MCCOR	7044NA	84665	FITZ	471267 <sup>28</sup>	84694	MCCOR	2692
84600	MCCOR	450412	84631	MCCOR	451143	84665S	FITZ	471267 <sup>28</sup>	84695S	FITZ	9613S
84602	FITZ	351267	84632	FITZ	471442 <sup>28</sup>	84666	FITZ	480630 <sup>28</sup>	84696	FITZ	470064
84602	FITZ	471267 <sup>28</sup>	84633	FITZ	471466 <sup>28</sup>	84667	FITZ	416921 <sup>28</sup>	84696	FITZ	471821 <sup>28</sup>
84602	MCCOR	5589 <sup>30</sup>	84633	MCCOR	472397 <sup>28</sup>	84667	FITZ	455011	84698	MCCOR	5589
84603	FITZ	450117	84634	FITZ	410694 <sup>28</sup>	84668	FITZ	410987 <sup>28</sup>	84699	FITZ	481073
84603	FITZ	472572 <sup>28</sup>	84635	FITZ	473228	84668	MCCOR	7457N	84699	MCCOR	7937N
84604	MCCOR	6960	84635	FITZ	51098	84669	MCCOR	442380	846D6	WHITE	415697 <sup>28</sup>
84605	FITZ	340151	84635	MCCOR	473466	84670	FITZ	417316 <sup>28</sup>	846D6	WHITE	455547
84605	MCCOR	40316S	84636	FITZ	450121	84670	FITZ	455004	847	EATON	370001A
84606	FITZ	240356	84636	FITZ	472409 <sup>28</sup>	84670	MCCOR	471341 <sup>28</sup>	847	EATON	380001A
84606	MCCOR	6985	84636	MCCOR	471138 <sup>28</sup>	84671	FITZ	416288 <sup>28</sup>	84700	FITZ	450183
84607	FITZ	415284	84638	FITZ	6200	84672	MCCOR	413246N	84700	FITZ	472179
84607	MCCOR	41075S	84639	MCCOR	50266	84672A	GWI	470548	84700	MCCOR	470898
84608	FITZ	6635S	8463LPD	JN-MN	470027	84672A	GWI	470625 <sup>28</sup>	84701	MCCOR	450519

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
84701	MCCOR	471271 <sup>28</sup>	84746	FITZ	240119	84797	FITZ	471787 <sup>28</sup>	84860	FITZ	6818
84702	FITZ	6370N	84747	FITZ	410520	84798	FITZ	416229	84862	FITZ	6815
84702	MCCOR	7751H	84747	FITZ	471272 <sup>28</sup>	847RC	SUL	411253 <sup>28</sup>	848629	WHITE	416011
84703	MCCOR	410312N	84748	FITZ	417481	847RC	SUL	450099	848629	WHITE	417621 <sup>28</sup>
84704	MCCOR	8243	84750	FITZ	40140S	848	EATON	370024A	84863	FITZ	471795
84705	MCCOR	8610	84751	FITZ	410085	84803	FITZ	450269	84864	FITZ	6840S
84706	FITZ	40973S	84751	FITZ	470530 <sup>28</sup>	84804	FITZ	471526 <sup>28</sup>	84865	FITZ	6985
84706	MCCOR	331227H	84752	FITZ	45013S	84805	FITZ	6545	84871	FITZ	415960 <sup>28</sup>
84708	MCCOR	8181NA	84753	FITZ	417343 <sup>28</sup>	84807	FITZ	350364	84871	FITZ	455009
84709	MCCOR	9015S	84754	FITZ	470219	84808S	FITZ	471103 <sup>28</sup>	84873S	FITZ	6712NA
8470LPD	JN-MN	417484N	84754	FITZ	471649 <sup>28</sup>	84808S	FITZ	50197S	84877S	FITZ	416271 <sup>28</sup>
8470LPD	JN-MN	455322	84755	FITZ	450118	84809	FITZ	450273	84878S	FITZ	451078 <sup>28</sup>
8470LUP	JN-MN	417484N	84755	FITZ	473449	84810S	FITZ	6626S	84879	FITZ	470308N
8470LUP	JN-MN	455322	84756	FITZ	240319	84811	FITZ	472150	84881	FITZ	473463
84710	MCCOR	7044NA	84758	FITZ	45031S	84813	FITZ	471763	84882K	FITZ	5458
84711	CATER	471554 <sup>28</sup>	84759	FITZ	415036	84814	FITZ	417205 <sup>28</sup>	848841	WHITE	470027
84713	MCCOR	6960	84761S	FITZ	416271 <sup>28</sup>	84815S	FITZ	416297	848841	WHITE	471554 <sup>28</sup>
84714	FITZ	412871 <sup>28</sup>	84762	FITZ	450039	84816	FITZ	450316	84885S	FITZ	470403
84714	FITZ	450329	84763	FITZ	471760	84816	FITZ	472636 <sup>28</sup>	84885S	FITZ	470774 <sup>28</sup>
84714	MCCOR	472082	84764	FITZ	323138 <sup>28</sup>	84817	FITZ	472164 <sup>28</sup>	84887S	FITZ	6241S
84715	FITZ	417355 <sup>28</sup>	84765	FITZ	450194	848178	WHITE	480630 <sup>28</sup>	84888S	FITZ	7600S
84715	FITZ	485497	84765	FITZ	473010	84819	FITZ	473228 <sup>28</sup>	848890	WHITE	470045
84715	MCCOR	332062	84767	FITZ	417356 <sup>28</sup>	84820S	FITZ	412473 <sup>28</sup>	848890	WHITE	476838 <sup>28</sup>
84715S	FITZ	417355 <sup>28</sup>	84767	FITZ	455188	84820S	FITZ	415894	84889S	FITZ	8160S
84715S	FITZ	485497	84768	FITZ	5578	848214	WHITE	412943	84890S	FITZ	6879H
84716S	FITZ	451147H	84769	FITZ	471231 <sup>28</sup>	848225	WHITE	417596	84891	FITZ	3103 <sup>28</sup>
84717	FITZ	474255	84770	FITZ	481644	84826S	FITZ	240470	84892	FITZ	415442 <sup>28</sup>
84717	MCCOR	39302	84773	FITZ	473234 <sup>28</sup>	84827S	FITZ	6760S	84894	FITZ	417350 <sup>28</sup>
84718	FITZ	470712 <sup>28</sup>	84776	FITZ	455018	84828S	FITZ	6597S	84894	FITZ	455479
84718	MCCOR	8610	84776	FITZ	476470	84829S	FITZ	240736	84895	FITZ	6864S
84719	FITZ	473227	84777	FITZ	340771	84833	CATER	J1128	84897	FITZ	6930
84719	MCCOR	8594S	84778	FITZ	415281N	84834	FITZ	417485	84898	FITZ	9568
84721	MCCOR	470487N	84779	FITZ	471785 <sup>28</sup>	84835S	FITZ	410085	848984	WHITE	417563
84722	FITZ	472144 <sup>28</sup>	847799	WHITE	415458 <sup>28</sup>	84835S	FITZ	470530 <sup>28</sup>	84899	FITZ	6985
84722	MCCOR	6712NA	847799	WHITE	455003	84836	FITZ	6781	849	EATON	370023A
84723	MCCOR	472082	8477S	TIMKE	8477S	84837S	FITZ	415147	849	EATON	380023A
84724	FITZ	370002A	84781	FITZ	450301	84837S	FITZ	415449 <sup>28</sup>	84900S	FITZ	5589
84727	FITZ	412920 <sup>28</sup>	84781	FITZ	472397 <sup>28</sup>	848396	WHITE	415147	84904	FITZ	340356
84727	FITZ	450132	84783	FITZ	6090S	848396	WHITE	415449 <sup>28</sup>	84906S	FITZ	473234 <sup>28</sup>
84728	FITZ	415035 <sup>28</sup>	84784	FITZ	471267 <sup>28</sup>	8483LPD	JN-MN	417181 <sup>28</sup>	84914	FITZ	473228
84728	FITZ	455035	84786	FITZ	350954	8483LUP	JN-MN	417181 <sup>28</sup>	84914	FITZ	51098
84731	FITZ	240009	84786	FITZ	470954 <sup>28</sup>	84840	FITZ	417269 <sup>28</sup>	84916	FITZ	6960
84734	FITZ	470605 <sup>28</sup>	84787	FITZ	471281 <sup>28</sup>	84841	FITZ	415060	84918	FITZ	205017
84735	FITZ	417223	84788	FITZ	450143	84842	FITZ	417353 <sup>28</sup>	84919	FITZ	7022S
84736	FITZ	473426	84789	FITZ	6612S	84843	FITZ	455022	84922	FITZ	470487N
84737	FITZ	416125 <sup>28</sup>	847899	GWI	450078	84844	FITZ	415196 <sup>28</sup>	84923	FITZ	44053
84738	FITZ	416888 <sup>28</sup>	847899	GWI	473444	84846	FITZ	415711	84924	FITZ	6954S
84738	FITZ	455200	8478LPD	JN-MN	415284	84847	FITZ	415394	84925S	FITZ	473231 <sup>28</sup>
84739	FITZ	415836	8478LUP	JN-MN	415284	84849	FITZ	455134 <sup>28</sup>	84927	FITZ	3103 <sup>28</sup>
84739	FITZ	415995 <sup>28</sup>	84790	FITZ	470358	8485	C-R	473415	84927S	FITZ	7581H
84740	FITZ	413247 <sup>28</sup>	84790	FITZ	473231 <sup>28</sup>	8485	SKF	473415	84928S	FITZ	471195 <sup>28</sup>
84740	FITZ	450350	84791	FITZ	471413 <sup>28</sup>	84850	FITZ	417537	84928S	FITZ	481195
847407	GWI	415304	84792	FITZ	415187	84851	FITZ	415350	84929S	FITZ	5072
847407	GWI	476470 <sup>28</sup>	84793	FITZ	416339	84852	FITZ	417344 <sup>28</sup>	8493052	GMC	415984 <sup>28</sup>
84741	FITZ	55030	84793	FITZ	455031 <sup>28</sup>	84853	FITZ	415064	84932	FITZ	5126
84742	FITZ	416345 <sup>28</sup>	84794	FITZ	416047	84856	FITZ	473234 <sup>28</sup>	84933	FITZ	7216
84742	FITZ	455033	84794	FITZ	416332 <sup>28</sup>	8485LPD	JN-MN	470219	84935S	FITZ	321460
84743	FITZ	415027 <sup>28</sup>	84795	FITZ	415991 <sup>28</sup>	8485LPD	JN-MN	471649 <sup>28</sup>	84936S	FITZ	203006 <sup>28</sup>
84743	FITZ	455027	84795	FITZ	415991N	8485LUP	JN-MN	470219	84938	FITZ	7044NA
84745	FITZ	473016 <sup>28</sup>	84796	FITZ	471472 <sup>28</sup>	8485LUP	JN-MN	471649 <sup>28</sup>	84939	AM WH	470059

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
84939	AM WH	470380 <sup>28</sup>	8500063	CYCLO	415483	8507LUP	JN-MN	417488 <sup>28</sup>	85205S	FITZ	5108
84939S	FITZ	5092	8500064	CYCLO	415281N	85081044	WARNE	473245 <sup>28</sup>	852084	WHITE	450073
8493LPD	JN-MN	471138 <sup>28</sup>	8500065	CYCLO	416047	850812	CLARK	450115	852172	GWI	455195
84940S	FITZ	413246	8500065	CYCLO	416332 <sup>28</sup>	850812	CLARK	473467 <sup>28</sup>	852172	GWI	472157 <sup>28</sup>
84940S	FITZ	413246N	8500068	CYCLO	415304	85085	C-R	416394	8521S	TIMKE	8521S
84941S	FITZ	3095	8500068	CYCLO	476470 <sup>28</sup>	85085	SKF	416394	85221	AM WH	471646 <sup>28</sup>
84942	FITZ	410708	8500078	CYCLO	470954 <sup>28</sup>	8508LPD	JN-MN	455820	852482	WHITE	6863S <sup>28</sup>
84945S	FITZ	7486S	8500079	CYCLO	471224 <sup>28</sup>	8508LUP	JN-MN	455820	8527160	FAIRB	471571
8494LPD	JN-MN	471138 <sup>28</sup>	85002S	FITZ	8160S	8509LPD	JN-MN	417172 <sup>29</sup>	852723	WHITE	JV701
8494LUP	JN-MN	471138 <sup>28</sup>	85003S	FITZ	482253	8509LUP	JN-MN	417172	85274	HOUGH	412119 <sup>28</sup>
84950	FITZ	451182	850050	CLARK	471567 <sup>28</sup>	851	EATON	370065A	853	EATON	370037A
849502	WHITE	417171 <sup>28</sup>	850078	CYCLO	470954 <sup>28</sup>	851	EATON	380065A	853	EATON	370338A
84958	FITZ	410708	85009	C-R	417603 <sup>28</sup>	8510	C-R	22X32X7 <sup>28</sup>	8530	C-R	22X37X7
8495LPD	JN-MN	415254	85009	SKF	417603	8510	JAC	350954	8530	SKF	22X37X7
8495LUP	JN-MN	415254	850105	CLARK	412473 <sup>28</sup>	8510	JAC	470954 <sup>28</sup>	85305	WITTE	472012
8496	C-R	482069N	850105	CLARK	415894	8510	SKF	22X32X7	853090	WHITE	471442 <sup>28</sup>
8496	SKF	482069N	850109M1	MASSE	470712 <sup>28</sup>	85103658	VOLVO	370033A	853170	FIAT	224040
84968	FITZ	205044	8501238	CYCLO	471413 <sup>28</sup>	85103658	WHITE	370033A	853170	FIAT	40X60X10
8496LPD	JN-MN	410496 <sup>28</sup>	8501239	CYCLO	471571	85103661	VOLVO	370048A	<sup>28</sup>		
8496LUP	JN-MN	410496 <sup>28</sup>	8501240	CYCLO	473231 <sup>28</sup>	85103661	VOLVO	380048A	853391	CLARK	474278 <sup>28</sup>
84972S	FITZ	7581H	8501240	GR-DV	410358N	85103661	WHITE	370048A	853391	CLARK	480356
84974S	FITZ	2692	8501241	CYCLO	472397 <sup>28</sup>	85103661	WHITE	380048A	853716	CLARK	450173
84975	FITZ	2692	85012S	FITZ	5092	85108790	VOLVO	100494	853D6	DIA	455858
84975S	FITZ	2692	85013S	FITZ	472082	85108792	VOLVO	100263	853D6	WHITE	455858
84976S	FITZ	474260	85015	C-R	417604	8510LUP	JN-MN	473453	854	EATON	370019A
84979S	FITZ	330663	85015	SKF	417604	8511220071	MAGNA	710745	8540	C-R	22X38X7 <sup>28</sup>
84979S	FITZ	472354 <sup>28</sup>	85015S	FITZ	332062	8511513C	HARWA	85X115X13	8540	C-R	22X38X8
8497LPD	JN-MN	455655 <sup>28,29</sup>	85017S	CLARK	450446	8513	C-R	22X35X7 <sup>29</sup>	8540	SKF	22X38X7
8497LUP	JN-MN	455655 <sup>28</sup>	85017S	FITZ	9613S	8513	SKF	22X35X7	8540	SKF	22X38X8
84980	FITZ	7934S	850185M1	MASSE	472015 <sup>28</sup>	851350M1	MASSE	40401	85404	NATL	200642
84982S	FITZ	331301N	850189	GWI	415351 <sup>28</sup>	85137	NATL	7208S	854090	WHITE	415437
84985	FITZ	455189	8501LPD	JN-MN	417198 <sup>29</sup>	8515	C-R	22X35X7	854091	WHITE	416339
84986S	FITZ	470064	8501LUP	JN-MN	417198	8515	SKF	22X35X7	854091	WHITE	455031 <sup>28</sup>
84986S	FITZ	471821 <sup>28</sup>	850225M1	MASSE	471785 <sup>28</sup>	851522	WHITE	472560N <sup>28</sup>	854237	HR-DV	450070
84987	FITZ	7607	850234	GWI	415009	851522	WHITE	50151S	854237	HR-DV	472185 <sup>28</sup>
84988	FITZ	5113	850234	GWI	415960 <sup>28</sup>	8515N	TIMKE	8515N	854241	HR-DV	50468
84989S	FITZ	203008	850237C92	IH	450066	8516	C-R	22X35X7 <sup>28</sup>	854276	WHITE	450183
84990S	FITZ	6879H	850237C92	IH	473367 <sup>28</sup>	8516	SKF	22X35X7	854276	WHITE	472179
84992	FITZ	416273 <sup>28</sup>	85029S	FITZ	5111S	851634	WHITE	475012N	8545	C-R	222238
84993S	WHITE	417262 <sup>28</sup>	8502LPD	JN-MN	55030 <sup>29</sup>	85165	GWI	450094	8545	C-R	22X38X8 <sup>28</sup>
84993S	WHITE	455448	8502LUP	JN-MN	55030	85165	GWI	473462	8545	SKF	222238
84993S	FITZ	6241S	85030S	FITZ	472082	8516N	TIMKE	8516N	8545	SKF	22X38X8
84994S	FITZ	7886S	850315	GWI	417205 <sup>28</sup>	85174	MCCOR	470354	85452	GRAM	8160S
84995	FITZ	41257 <sup>28</sup>	850316	GWI	417247 <sup>28</sup>	851771	WHITE	471231 <sup>28</sup>	854580	GWI	455195
84997	FITZ	7994S	850333M1	MASSE	200354	85181S	FITZ	472341 <sup>28</sup>	854580	GWI	472157 <sup>28</sup>
84998S	FITZ	9150S	8503LPD	JN-MN	415263	85182S	FITZ	3698	854581	GWI	416657
84999	FITZ	8139	8503LUP	JN-MN	415263	85182S	FITZ	5092	854761	CLARK	6186
84FM-6L270-A1	FORD	713087	85040S	FITZ	5111S	85196S	FITZ	5414	854889S	RENAU	35X50X8 <sup>28</sup>
84FM-6L270-A1A	FORD	713087	85048S	FITZ	3945	85197S	FITZ	5115	854889S	RENAU	3771
84G15	OSHKO	416288 <sup>28</sup>	8504LPD	JN-MN	417506	85199S	FITZ	3393	8548983	RENAU	35X50X8 <sup>28</sup>
84GT7A248A3A	FORD	2658V	8504LUP	JN-MN	417506	852	EATON	370031A	8548983	RENAU	3771
84GX15	OSHKO	416288 <sup>28</sup>	85051S	FITZ	475368N	852	EATON	380031A	854945	WHITE	475009N
850	EATON	370036A	850567	CLARK	6863S <sup>28</sup>	8520	C-R	22X36X7	8549S	TIMKE	8549S
850	EATON	370349A	8505LPD	JN-MN	415007 <sup>29</sup>	8520	SKF	22X36X7	854D1	DIA	450073
850	EATON	380036A	8505LUP	JN-MN	415007	85201S	FITZ	473560N	854D1	WHITE	450073
85000	FITZ	291295	8506LPD	JN-MN	417488 <sup>28</sup>	85202S	FITZ	3103 <sup>28</sup>	855	EATON	370124A
8500059	CYCLO	410825	8507	CABOT	416239 <sup>28</sup>	85203S	FITZ	2955	8550	C-R	222240
8500060	CYCLO	416273	8507	MINMA	416239 <sup>28</sup>	85204S	FITZ	3095	8550	C-R	22X40X7 <sup>28</sup>
8500061	CYCLO	470898	85079	AM WH	473245 <sup>28</sup>	852052	WHITE	470120	8550	SKF	222240
8500062	CYCLO	473474	8507LPD	JN-MN	417488 <sup>28</sup>	852052	WHITE	471224 <sup>28</sup>	8550	SKF	22X40X7

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
855021003	BU-SP	471267 <sup>2B</sup>	855023001	BU-SP	411394 <sup>2B</sup>	855023045	BU-SP	450115	855026006	BU-SP	416107 <sup>2B</sup>
855022000	BU-SP	471192	855023001	BU-SP	450317	855023045	BU-SP	473467 <sup>2B</sup>	855026006	BU-SP	455073
855022001	BU-SP	470548	855023002	BU-SP	417316 <sup>2B</sup>	855023046	BU-SP	450121	855026007	BU-SP	416107 <sup>2B</sup>
855022001	BU-SP	470625 <sup>2B</sup>	855023002	BU-SP	455004	855023046	BU-SP	472409 <sup>2B</sup>	855026010	BU-SP	416107 <sup>2B</sup>
8550220010	BU-SP	472394	855023003	BU-SP	473466	855024001	BU-SP	415991	855026011	BU-SP	417556
8550220011	BU-SP	470120	855023004	BU-SP	415007	855024002	BU-SP	415991	855026012	BU-SP	416666
8550220011	BU-SP	471224 <sup>2B</sup>	855023005	BU-SP	450867	855024002	BU-SP	455146 <sup>2B</sup>	855027000	BU-SP	417298
8550220012	BU-SP	472144 <sup>2B</sup>	855023005	BU-SP	470898	855024003	BU-SP	415991	855027002	BU-SP	417562
855022002	BU-SP	450067	855023007	BU-SP	455005	855024004	BU-SP	415995 <sup>2B</sup>	855027003	BU-SP	415072
855022002	BU-SP	473228	855023008	BU-SP	450441	855024004	BU-SP	455013	855027004	BU-SP	417596
855022004	BU-SP	472439	855023008	BU-SP	471341 <sup>2B</sup>	855024005	BU-SP	415379	855028000	BU-SP	415867
855022005	BU-SP	472658	855023009	BU-SP	450085	855024006	BU-SP	415379 <sup>2B</sup>	855028001	BU-SP	415867
855022005	BU-SP	473197	855023009	BU-SP	470530 <sup>2B</sup>	855024006	BU-SP	455379	855028002	BU-SP	415116
855022007	BU-SP	470163	855023011	BU-SP	417485	855024008	BU-SP	415379	855028003	BU-SP	415867
855022007	BU-SP	471766 <sup>2B</sup>	855023012	BU-SP	473464	855024009	BU-SP	415995 <sup>2B</sup>	855028004	BU-SP	455406 <sup>2B</sup>
855022008	BU-SP	471192	855023013	BU-SP	415007	855024009	BU-SP	455013	855028005	BU-SP	415551
855022009	BU-SP	472185 <sup>2B</sup>	855023014	BU-SP	473466	855024010	BU-SP	455018	855028006	BU-SP	415551
855022010	BU-SP	472394	855023015	BU-SP	417316 <sup>2B</sup>	855024010	BU-SP	476470	855028007	BU-SP	415867
855022011	BU-SP	470120	855023015	BU-SP	455004	855024011	BU-SP	412473 <sup>2B</sup>	855028008	BU-SP	415867
855022011	BU-SP	471224 <sup>2B</sup>	855023016	BU-SP	450316	855024011	BU-SP	415894	855028009	BU-SP	416239 <sup>2B</sup>
855022012	BU-SP	472144 <sup>2B</sup>	855023016	BU-SP	472636 <sup>2B</sup>	855024013	BU-SP	415937 <sup>2B</sup>	855028010	BU-SP	416239 <sup>2B</sup>
855022013	BU-SP	471652	855023017	BU-SP	415303 <sup>2B</sup>	855024014	BU-SP	417351 <sup>2B</sup>	855029001	BU-SP	415128
855022013	BU-SP	482208 <sup>2B</sup>	855023018	BU-SP	412861	855024014	BU-SP	455154	855029005	BU-SP	415482
855022014	BU-SP	470163	855023019	BU-SP	472636 <sup>2B</sup>	855024015	BU-SP	456105	855029007	BU-SP	415482
855022014	BU-SP	471766 <sup>2B</sup>	855023021	BU-SP	415449 <sup>2B</sup>	855024016	BU-SP	418028	855029011	BU-SP	455462
855022015	BU-SP	470548	855023021	BU-SP	455147	855024016	BU-SP	455137 <sup>2B</sup>	855029013	BU-SP	415482
855022015	BU-SP	470625 <sup>2B</sup>	855023022	BU-SP	411394 <sup>2B</sup>	855024017	BU-SP	415281N	855029014	BU-SP	55301S
855022016	BU-SP	470120	855023022	KOEH	411394 <sup>2B</sup>	855024018	BU-SP	416624 <sup>2B</sup>	855048	WHITE	450115
855022016	BU-SP	471224 <sup>2B</sup>	855023023	BU-SP	8650S	855024019	BU-SP	7208S	855048	WHITE	473467 <sup>2B</sup>
855022017	BU-SP	471192	855023024	BU-SP	415147	855024022	BU-SP	417598	855049	WHITE	471192
855022018	BU-SP	472394	855023024	BU-SP	415449 <sup>2B</sup>	855024023	BU-SP	415013	855054	WHITE	411245 <sup>2B</sup>
855022019	BU-SP	7216	855023025	BU-SP	417486	855024023	BU-SP	415995 <sup>2B</sup>	855054	WHITE	455096
855022021	BU-SP	450082	855023026	BU-SP	472924 <sup>2B</sup>	855024024	BU-SP	415559	8551220801	MAGNA	710695
855022021	BU-SP	473238	855023027	BU-SP	412119 <sup>2B</sup>	855024025	BU-SP	415379 <sup>2B</sup>	8552220151	MAGNA	710646
855022022	BU-SP	450352	855023027	BU-SP	450101	855024025	BU-SP	455379	8552223511	MAGNA	710647
855022022	BU-SP	472164 <sup>2B</sup>	855023028	BU-SP	473473	855024026	BU-SP	417191	8553228611	MAGNA	710831
855022023	BU-SP	450067	855023029	BU-SP	55469	855024026	BU-SP	455165 <sup>2B</sup>	855488	CLARK	450269
855022023	BU-SP	473228	855023030	BU-SP	450519	855024027	BU-SP	416011	8555	C-R	22X42X10
855022024	BU-SP	472439	855023030	BU-SP	471271 <sup>2B</sup>	855024027	BU-SP	417621 <sup>2B</sup>	8555	SKF	22X42X10
855022025	BU-SP	450291	855023031	BU-SP	450085	855024029	BU-SP	476470	8556220811	MAGNA	710675
855022025	BU-SP	471141 <sup>2B</sup>	855023031	BU-SP	470530 <sup>2B</sup>	855024030	BU-SP	417210 <sup>2B</sup>	8556222921	MAGNA	710809
855022026	BU-SP	472144 <sup>2B</sup>	855023033	BU-SP	415302	855024031	BU-SP	416125 <sup>2B</sup>	855657	CLARK	471570 <sup>2B</sup>
855022027	BU-SP	451817	855023034	BU-SP	473471	855025000	BU-SP	415138 <sup>2B</sup>	85571	WAUKE	473205
855022028	BU-SP	470548	855023035	BU-SP	417484 <sup>2B</sup>	855025001	BU-SP	416888 <sup>2B</sup>	8558	C-R	222240
855022028	BU-SP	470625 <sup>2B</sup>	855023035	BU-SP	417484N	855025001	BU-SP	455200	8558	SKF	222240
855022029	BU-SP	470548	855023036	BU-SP	415001 <sup>2B</sup>	855025003	BU-SP	415196 <sup>2B</sup>	856	EATON	370022A
855022029	BU-SP	470625 <sup>2B</sup>	855023036	BU-SP	455001	855025006	BU-SP	415064	856	EATON	380022A
855022031	BU-SP	473445	855023037	BU-SP	417344 <sup>2B</sup>	855025007	BU-SP	455195	856227	CHRYS	471316
855022032	BU-SP	470682	855023037	BU-SP	455006	855025007	BU-SP	472157 <sup>2B</sup>	8563	C-R	22X45X7
855022033	BU-SP	471750 <sup>2B</sup>	855023038	BU-SP	411348 <sup>2B</sup>	855025008	BU-SP	416892 <sup>2B</sup>	8563	SKF	22X45X7
855022034	BU-SP	473452	855023039	BU-SP	415483 <sup>2B</sup>	855025009	BU-SP	455197N	85641	WAUKE	330385 <sup>2B</sup>
855022035	BU-SP	450291	855023039	BU-SP	455368	855026000	BU-SP	417254	856798	GWI	416892 <sup>2B</sup>
855022035	BU-SP	471141 <sup>2B</sup>	855023040	BU-SP	416271 <sup>2B</sup>	855026001	BU-SP	415725 <sup>2B</sup>	856811	WHITE	416404 <sup>2B</sup>
855022036	BU-SP	450070	855023041	BU-SP	450389	855026002	BU-SP	415645 <sup>2B</sup>	856821	WHITE	471224 <sup>2B</sup>
855022036	BU-SP	472185 <sup>2B</sup>	855023041	BU-SP	472492 <sup>2B</sup>	855026002	BU-SP	455104	857	EATON	370131A
855022038	BU-SP	471984	855023042	BU-SP	450301	855026003	BU-SP	416865 <sup>2B</sup>	857	EATON	380131A
855022039	BU-SP	5778	855023042	BU-SP	472397 <sup>2B</sup>	855026003	BU-SP	455070	857031	CLARK	480630 <sup>2B</sup>
855022040	BU-SP	471192	855023043	BU-SP	417480 <sup>2B</sup>	855026004	BU-SP	415645 <sup>2B</sup>	857112	CLARK	416158
855022041	BU-SP	470625 <sup>2B</sup>	855023043	BU-SP	455860	855026004	BU-SP	455104	857317	CLARK	471765 <sup>2B</sup>
855023000	BU-SP	472636 <sup>2B</sup>	855023044	BU-SP	40401	855026005	BU-SP	415938	857-525-275	AUDI	710538

INTERCHANGE SECTION

<sup>2B</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8637906	GMC	4072N	86615	C-R	220X250X15	8680518	KOEH	417191	870889C91	NAVST	370182A
8638	HYST	471567 <sup>28</sup>	86615	SKF	220X250X15	8680541	GMC	4072N	870889C91	NAVST	380048A
8639	HYST	471570 <sup>28</sup>	8661602	GMC	714598	868137R91	IH	7013S	870890C91	IH	370048A
863916	WHITE	452554N	8664812	GMC	4072N	868137R92	IH	7013S	870890C91	NAVST	370182A
864	CEW	42X56X7 <sup>28</sup>	8665	C-R	712015	868276	WHITE	416921 <sup>28</sup>	870890C91	NAVST	380048A
864	CEW	494117	8665	SKF	712015	868287	CLARK	8650S	8711329	CHRYS	340771
8640345	GMC	6712NA	86657J	DIA	417344 <sup>28</sup>	8685111	GMC	224840	871239R91	IH	41787S
8641300	GMC	6712NA	8666007	GMC	3543	8685515	ACDEL	4072N	871240R91	IH	41787S
8641826	GMC	6712NA	86684M	DIA	416654 <sup>28</sup>	8685515	GMC	4072N	871275	WHITE	471192
8641878	GMC	6712NA	86684M	DIA	455012	8686903	CONTI	472843	871281R91	IH	40576S
8641904	GMC	6712NA	86689M	IH	470712 <sup>28</sup>	868695R91	IH	451948	871303R91	IH	340151
8641952	GMC	6712NA	86690	IH	450070	8690	C-R	712270	871425	WHITE	35949N
864317	WHITE	410825	86690	IH	472185 <sup>28</sup>	8690	SKF	712270	871425A	WHITE	35949N
864319	GWI	472144 <sup>28</sup>	866964	BENDI	200642	8691	C-R	712270	871601085	SOLAR	471267 <sup>28</sup>
864321	GWI	415007	86702	HOUGH	417269 <sup>28</sup>	8691	SKF	712270	871699004	SOLAR	470380 <sup>28</sup>
864324	GWI	416865 <sup>28</sup>	8670218	HOUGH	417269 <sup>28</sup>	8691260	ACF	415035 <sup>28</sup>	871699046	SOLAR	471407
864324	GWI	455070	8670218	IH	417269 <sup>28</sup>	8691260	ACF	455035	871699047	SOLAR	471413 <sup>28</sup>
8643792	GMC	4072N	8670283	GMC	6712NA	8691268	ACF	450519	871699052	SOLAR	453165
8643935	GMC	3459	867167	CLARK	471442 <sup>28</sup>	8691268	ACF	471271 <sup>28</sup>	871699052	SOLAR	471619 <sup>28</sup>
864403	WHITE	476574N	867205	CLARK	416271 <sup>28</sup>	869235	WHITE	416297	871699156	SOLAR	474274
8644637	GMC	710096	867279	WHITE	470954 <sup>28</sup>	869264	WHITE	470308N	871699330	SOLAR	471643 <sup>28</sup>
8644709	ACDEL	710544	867285	WHITE	471570 <sup>28</sup>	869550	IH	417356 <sup>28</sup>	871699348	SOLAR	471571
8644709	GMC	710544	867335	WHITE	55563	869550	IH	455188	87181	AM WH	412119 <sup>28</sup>
8645	C-R	340413	8673526	GMC	9613S	8695S	TIMKE	8695S	87181	AM WH	450101
8645	SKF	340413	867367	WHITE	416364 <sup>28</sup>	86964	WHITE	470308N	871951	WHITE	200642
8645003	GMC	340847	867385	WHITE	415458 <sup>28</sup>	86978	GRAM	470120	87199	AM WH	455026
864530R91	IH	410119	867385	WHITE	455003	86978	GRAM	471224 <sup>28</sup>	8720035	BOWEN	415645 <sup>28</sup>
864530R91	IH	471442 <sup>28</sup>	867385A	DIA	415458 <sup>28</sup>	86HM6700A6A	FORD	3774	8720035	BOWEN	455104
8646	C-R	471267V	867424	VIC	370048A	86HM-6700-AA	FORD	3774	8720316	GMC	340823
8646	SKF	471267V	867424	VIC	370182A	86SM6700A6A	FORD	3771	8721078	SAAB	473823
864643-C92	IH	370023A	867424	VIC	380048A	86SM-6701-A6A	FORD	3772	872164	WHITE	471224 <sup>28</sup>
864643C92	NAVST	370023A	867424	WHITE	370048A	86TM6701A1A	FORD	3393	8722125045	HUB-C	321516
864643C92	NAVST	380023A	867424	WHITE	370182A	8700	C-R	471570 <sup>28</sup>	8722125045	HUB-C	471516 <sup>28</sup>
864743-C92	IH	370023A	867424	WHITE	380048A	8700	SKF	471570	8724S	TIMKE	8724S
864743C92	NAVST	370023A	8675580	VOLVO	710728	870061	WHITE	6835S	872797	WHITE	415854
864743C92	NAVST	380023A	8675730	GMC	9449	870080	WHITE	350679	872927	CLARK	470543
864784-C91	IH	370023A	8675731	GMC	2457	870080	WHITE	470954 <sup>28</sup>	872927	CLARK	474272 <sup>28</sup>
864784C91	NAVST	370023A	8676S	TIMKE	8676S	8702	C-R	471570 <sup>28</sup>	872E-10	CLARK	473473
864784C91	NAVST	380023A	8677	C-R	440131 <sup>28</sup>	8702	SKF	471570	8731	HYST	450069
8648	C-R	351267	8677	SKF	440131	870217	WHITE	471737	8731	HYST	473232
8648	SKF	351267	867703	WHITE	415988	870224	WHITE	471795	873157R91	IH	450441
8648394	GMC	4950	8677463	GMC	4333N	870224B1	DIA	471795	873157R91	IH	471341 <sup>28</sup>
8648906	GMC	4950	867749	GMC	4577	870224D1	DIA	471795	873158R91	IH	450441
8649	C-R	353132	8677554	GMC	4674N	8702540	SAAB	352560	873158R91	IH	471341 <sup>28</sup>
8649	SKF	353132	8677749	GMC	4577	8703	C-R	470680	8731804	SAAB	223510
86496	GRAM	450121	86783	WHITE	471689 <sup>28</sup>	8703	SKF	470680	873190	WHITE	415004
86496	GRAM	472409 <sup>28</sup>	867887R91	IH	471466 <sup>28</sup>	870349	WHITE	6460S	873190	WHITE	417316 <sup>28</sup>
86504R91	IH	455008	867888R91	IH	450185	8704	C-R	471570V	873190A	WHITE	415004
865070R91	IH	411348 <sup>28</sup>	867888R91	IH	473229	8704	SKF	471570V	873190A	WHITE	417316 <sup>28</sup>
8650S	TIMKE	8650S	8679679	GMC	714679	8704298	SAAB	223510	87 32 117	SAAB	3543
8654491	GMC	4950	8679744	GMC	710096	870453	WHITE	471224 <sup>28</sup>	873448	WHITE	417570
8655031	GMC	9449	8680	CHERY	471192	870485C91	IH	370030A	87355	HYST	415836
8655032	GMC	2457	8680134	KOEH	450183	8704S	TIMKE	8704S	87355	HYST	415995 <sup>28</sup>
8655122	GMC	6712NA	8680134	KOEH	472179	8705S	TIMKE	8705S	873637	FIAT	223535
8657116	GMC	4950	8680152	KOEH	471808 <sup>28</sup>	8707	C-R	471570V	87365	GRAM	473463
8657163	GMC	8792S	8680153	KOEH	471763	8707	SKF	471570V	87378	HYST	416229
8657791	GMC	9613S	8680309	KOEH	450867	8707176	SAAB	483230V	87379	HYST	471419
8660	C-R	470567	8680309	KOEH	470898	87074	AMC	450085	87379	HYST	473367
8660	SKF	470567	8680322	KOEH	471271 <sup>28</sup>	87074	AMC	470530 <sup>28</sup>	873793	WHITE	340120
8660S	TIMKE	8660S	8680453	GMC	4950	870889C91	IH	370048A	87380	HYST	473232 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
87381	HYST	472394	8785A	F-R-H	455011	88093S	MCCOR	417484N	881499	WHITE	415938
87382	HYST	416404 <sup>2B</sup>	8786A	F-R-H	415138 <sup>2B</sup>	88093S	MCCOR	455322	8814LPD	JN-MN	471649 <sup>2B</sup>
873837	WHITE	413248	8787764	FORD	3772	88094	MCCOR	417344 <sup>2B</sup>	8814LUP	JN-MN	471649 <sup>2B</sup>
8741	C-R	471570 <sup>2B</sup>	8787764	SAAB	3772	88095	MCCOR	417159	88151	MCCOR	417488 <sup>2B</sup>
8741	HYST	470380 <sup>2B</sup>	8787A	F-R-H	416888 <sup>2B</sup>	88096	MCCOR	417159	88152	MCCOR	412473 <sup>2B</sup>
8741	SKF	471570	8787A	F-R-H	455200	88097	MCCOR	415458 <sup>2B</sup>	88152	MCCOR	415894
8741225028	HUB-C	470120	8788A	F-R-H	417563	88097	MCCOR	455003	88153	MCCOR	417492
8741225028	HUB-C	471224 <sup>2B</sup>	8789A	F-R-H	416666	8809LPD	JN-MN	415045 <sup>2B</sup>	88154	MCCOR	417481
8741225036	HUB-C	470120	8792S	TIMKE	8792S	8809LUP	JN-MN	415045 <sup>2B</sup>	88155	MCCOR	412861
8741225036	HUB-C	471224 <sup>2B</sup>	879573	WHITE	471141 <sup>2B</sup>	88101	MCCOR	455151	88156	MCCOR	455253
8742125009	HUB-C	472164 <sup>2B</sup>	879579	WHITE	471466 <sup>2B</sup>	88102	MCCOR	475012N	88157	MCCOR	415259 <sup>2B</sup>
8742125026	HUB-C	472658	8796	C-R	471646 <sup>2B</sup>	88103	MCCOR	416273 <sup>2B</sup>	88158	MCCOR	455260
8742125026	HUB-C	473197	8796	SKF	471646	88104	MCCOR	417485	88159	MCCOR	415281N
8742125027	HUB-C	470390	879981	BENDI	350909	88105	MCCOR	415003	8815LUP	JN-MN	473233 <sup>2B</sup>
8742125045	HUB-C	321516	879981	BENDI	471224 <sup>2B</sup>	88105	MCCOR	415458 <sup>2B</sup>	88160	MCCOR	417082
8742125045	HUB-C	471516 <sup>2B</sup>	88000	MCCOR	40140S	88107	MCCOR	415001 <sup>2B</sup>	88161	MCCOR	415991
87467	BENDI	240816	88001	MCCOR	417073	8810LPD	JN-MN	416137 <sup>29</sup>	88161	MCCOR	455146 <sup>2B</sup>
874768	BENDI	340797	88002	MCCOR	415001 <sup>2B</sup>	8810LUP	JN-MN	416137	88162	MCCOR	415984 <sup>2B</sup>
8748	C-R	471570 <sup>2B</sup>	88002	MCCOR	455001	88111	MCCOR	3210	88163	MCCOR	417191
8748	HYST	471264 <sup>2B</sup>	88017	MCCOR	455336	88117	MCCOR	415899N	88164	MCCOR	55337
8748	SKF	471570	8801LPD	JN-MN	417539 <sup>2B,29</sup>	88117	MCCOR	416624N	88165	MCCOR	415991
8748919	WILYS	470120	8801LUP	JN-MN	417539 <sup>2B</sup>	8811LPD	JN-MN	415064	88165	MCCOR	455146 <sup>2B</sup>
8748919	WILYS	471224 <sup>2B</sup>	88023	MCCOR	455310	8811LUP	JN-MN	415064	88166	C-P	340009S
8749046	SAAB	3543	88025	MCCOR	5965	88121	MCCOR	417344 <sup>2B</sup>	88166	MCCOR	416404 <sup>2B</sup>
8749999008	HUB-C	J1103	88026	MCCOR	418028	88122	MCCOR	415960	881661	WHITE	5487
875	UNIVE	350435 <sup>29</sup>	88026	MCCOR	455137 <sup>2B</sup>	88122S	MCCOR	415009	88167	C-P	340413
8752	DICO	203013	88028	MCCOR	415137 <sup>2B</sup>	88122S	MCCOR	415960 <sup>2B</sup>	88175	MCCOR	417344 <sup>2B</sup>
875242	WHITE	415003	88028	MCCOR	418028	88123	MCCOR	415013	88176	HYST	415447
875242	WHITE	415458 <sup>2B</sup>	88029	MCCOR	416288 <sup>2B</sup>	88123	MCCOR	415995 <sup>2B</sup>	88176	TIMKE	88176
87541	C-R	415128 <sup>29</sup>	88035	HYST	470954 <sup>2B</sup>	88126	MCCOR	417351 <sup>2B</sup>	88177	MCCOR	415272N
87541	SKF	415128	88046	MCCOR	415086N	88128	MCCOR	417492	88179	TIMKE	88179
875560	CLARK	470059	88046	MCCOR	417487 <sup>2B</sup>	88129	MCCOR	417316 <sup>2B</sup>	8818	TMTR	340385
875560	CLARK	470380 <sup>2B</sup>	88047	MCCOR	417171 <sup>2B</sup>	88130	MCCOR	475009N	88180	MCCOR	417316 <sup>2B</sup>
876235R91	IH	416130 <sup>2B</sup>	88049	MCCOR	416011	88133	MCCOR	45013S	88180S	MCCOR	415004
8763	C-R	471633	88049	MCCOR	417621 <sup>2B</sup>	88135	MCCOR	470543	88180S	MCCOR	417316 <sup>2B</sup>
8763	SKF	471633	88049S	MCCOR	416011	88135	MCCOR	474272	88183	MCCOR	416404 <sup>2B</sup>
8764886	CONTI	474255	88049S	MCCOR	417621 <sup>2B</sup>	88136	MCCOR	455005	88184	MCCOR	455079 <sup>2B</sup>
876506R91	IH	471538 <sup>2B</sup>	8804LPD	JN-MN	455480 <sup>2B</sup>	88137	MCCOR	417344 <sup>2B</sup>	88185	MCCOR	415082
87656	HYST	415449 <sup>2B</sup>	8804LUP	JN-MN	455480 <sup>2B</sup>	88137	MCCOR	455006	88186	MCCOR	415088 <sup>2B</sup>
8767070	HR-DV	471413 <sup>2B</sup>	88055	MCCOR	417181 <sup>2B</sup>	88137S	MCCOR	417344 <sup>2B</sup>	88186	MCCOR	455088
876750	WHITE	100495	880620C91	IH	417269 <sup>2B</sup>	88137S	MCCOR	455006	88186	TIMKE	88186
876750	WHITE	415281N	88068	MCCOR	415988	88138	MCCOR	455008	88187	MCCOR	455144
8772	C-R	471633 <sup>2B</sup>	88068S	MCCOR	415988	88139	MCCOR	416921 <sup>2B</sup>	88187	TIMKE	88187
8772	SKF	471633	88070	MCCOR	415254	88139	MCCOR	455011	88188	MCCOR	415350
8773S	TIMKE	8773S	88072	MCCOR	455008	88140	MCCOR	417487	88189	MCCOR	475384
8777	NATL	9569S	88076	MCCOR	415007	88140	MCCOR	455014	88191	MCCOR	2081
87795	CROWN	471554V	88079	MCCOR	415960	88141	MCCOR	455015	88193	MCCOR	476470
8780	HYST	416288 <sup>2B</sup>	88079	MCCOR	455009	88142	MCCOR	456105	88197	MCCOR	415304
878155	WHITE	450025	88083	MCCOR	455280	88143	MCCOR	415085 <sup>2B</sup>	88197	MCCOR	476470 <sup>2B</sup>
878155	WHITE	471553 <sup>2B</sup>	88084	MCCOR	416654 <sup>2B</sup>	88143	MCCOR	456648	88198	MCCOR	417343 <sup>2B</sup>
878163	WHITE	471765 <sup>2B</sup>	88084	MCCOR	455012	88144	MCCOR	417487	88199	MCCOR	475380N
8782	C-R	471646 <sup>2B</sup>	88085	MCCOR	455151	88144	MCCOR	455086	88199	TIMKE	88199
8782	SKF	471646	88088	MCCOR	415995 <sup>2B</sup>	88145	MCCOR	416282	881991M1	MASSE	415483 <sup>2B</sup>
87823	C-R	JV933	88088	MCCOR	455013	88146	MCCOR	417172	881991M1	MASSE	455368
87823	SKF	JV933	8808LPD	JN-MN	417513	881467	WHITE	412027	8819LPD	JN-MN	415090
878346	WHITE	455018	8808LUP	JN-MN	417513	88147	MCCOR	415991	8819LUP	JN-MN	415090
878346	WHITE	476470	88092	MCCOR	417316 <sup>2B</sup>	88147	MCCOR	455146 <sup>2B</sup>	88202	MCCOR	417191
878349	WHITE	415991 <sup>2B</sup>	88092	MCCOR	455004	88148	MCCOR	417134	88203	MCCOR	46997S
878349	WHITE	415991N	88093	MCCOR	417484N	88149	MCCOR	417351 <sup>2B</sup>	88204	MCCOR	416294 <sup>2B</sup>
8785A	F-R-H	416921 <sup>2B</sup>	88093	MCCOR	455322	88149	MCCOR	455154	8820G	OSHKO	415001 <sup>2B</sup>

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8820LPD	JN-MN	471413 <sup>28</sup>	88272	MCCOR	417486	884439C91	IH	415072	88884A	HERCU	415004
8821	C-R	470590	88273	MCCOR	415234 <sup>28</sup>	884579	WHITE	417354 <sup>28</sup>	88884A	HERCU	417316 <sup>28</sup>
8821	SKF	470590	88274	MCCOR	415003	884581	WHITE	472179	8-88935670-0	ISUZU	710692
882125	WHITE	415147	88274	MCCOR	415458 <sup>28</sup>	884582	WHITE	415437	8-88935671-0	ISUZU	710693
882125	WHITE	415449 <sup>28</sup>	88275	MCCOR	415146 <sup>28</sup>	8845SS	JN-MN	476470	8-88935685-0	ISUZU	710660
88214	MCCOR	416706 <sup>28</sup>	88275	MCCOR	415991	884615	BENDI	471267 <sup>28</sup>	8-89017-621-0	ISUZU	710605
88214	MCCOR	455272	88277	MCCOR	5M643	884634	SPICE	415023	8-89017-622-0	ISUZU	710551
88217	MCCOR	415991 <sup>28</sup>	88277S	MCCOR	410308 <sup>28</sup>	88526A	HEIL	471760	8-89018-205-0	ISUZU	710602
88217	MCCOR	415991N	88277S	MCCOR	450308	88526A	HERCU	471760	8-89048-307-0	ISUZU	710678
88218	MCCOR	415836	88278	MCCOR	3103 <sup>28</sup>	885379	WHITE	6808N	8-89060-436-0	ISUZU	100085
88218	MCCOR	415995 <sup>28</sup>	88279	MCCOR	415857 <sup>28</sup>	885387	WHITE	410987 <sup>28</sup>	889197	WHITE	471870 <sup>28</sup>
88218	TIMKE	88218	88280	MCCOR	6930	8855SS	JN-MN	471549 <sup>28</sup>	889197	WHITE	471883
8821LPD	JN-MN	415437 <sup>28</sup>	88281	MCCOR	416706 <sup>28</sup>	8856SS	JN-MN	473405	889246	WHITE	415013N
8821LPD	JN-MN	455173	88283	MCCOR	415984 <sup>28</sup>	8857LPD	JN-MN	416282	889246	WHITE	415995V
8821LUP	JN-MN	415437 <sup>28</sup>	88286	MCCOR	345146	8857LUP	JN-MN	416282	88935670	GMC	710692
8821LUP	JN-MN	455173	88287	MCCOR	45825S	8858LPD	JN-MN	410102	88935670	SAAB	710692
88222	MCCOR	6200	88288	MCCOR	40401	8860	C-R	471730	88935671	GMC	710693
88223	MCCOR	5578	88292	MCCOR	417343 <sup>28</sup>	8860	SKF	471730	88935671	SAAB	710693
88224	MCCOR	417343 <sup>28</sup>	88293	MCCOR	417480 <sup>28</sup>	8860R	JN-MN	417247 <sup>28</sup>	88935685	GMC	710660
8822LPD	JN-MN	417362 <sup>28</sup>	88293	MCCOR	455860	8861SS	JN-MN	473236 <sup>28</sup>	88935685	SAAB	710660
8822LUP	JN-MN	417362 <sup>28</sup>	88294	MCCOR	415991	88643	HYST	470737N	88935818	GMC	100557
88232	MCCOR	415836	88296R	JOHND	472287 <sup>28</sup>	8864LPD	JN-MN	450474 <sup>29</sup>	88936343	GMC	710492
88232	MCCOR	415995 <sup>28</sup>	88300	MCCOR	35949N	8864LUP	JN-MN	450474	88958818	GMC	714670
88235	MCCOR	417350 <sup>28</sup>	88301	MCCOR	410825	8865LPD	JN-MN	415001 <sup>28</sup>	88969522	GMC	710765
88235	MCCOR	455479	88303	MCCOR	416011	8865LPD	JN-MN	455001	889736C91	HOUGH	415304
88236	MCCOR	473010 <sup>28</sup>	88303	MCCOR	417621 <sup>28</sup>	8865LUP	JN-MN	415001 <sup>28</sup>	889736C91	HOUGH	476470 <sup>28</sup>
88237	MCCOR	416444	88304	MCCOR	411348 <sup>28</sup>	8865LUP	JN-MN	455001	889736C91	IH	476470
88238	MCCOR	455500	88307	MCCOR	8976S	8868LPD	JN-MN	455462	889737C91	IH	417134
88239	MCCOR	418029 <sup>28</sup>	88308	MCCOR	370018A	8868LUP	JN-MN	455462	889738C91	HOUGH	417254
88239	MCCOR	455499	88309	MCCOR	8139	8870	C-R	470645 <sup>29</sup>	889738C91	IH	417254
8823LPD	JN-MN	415871	88312	MCCOR	8370S	8870	SKF	470645	889739C91	HOUGH	416041
8823LUP	JN-MN	415871	88313	MCCOR	415004	8871	TIMKE	8871	889739C91	IH	416041
88241	MCCOR	415442 <sup>28</sup>	88313	MCCOR	417316 <sup>28</sup>	88710	C-R	416657 <sup>29</sup>	88973C91	IH	476470
88242	MCCOR	417343 <sup>28</sup>	88314	MCCOR	8429S	88710	SKF	416657	88974434	GMC	710711
88244	MCCOR	412473 <sup>28</sup>	88319	EATON	370003A	8871718	GMC	442380	88982399	GMC	100715V
88244	MCCOR	415894	88319	EATON	380003A	8871719	GMC	416273 <sup>28</sup>	88982518	GMC	710067
88245	MCCOR	5MR1009	8831LPD	JN-MN	471192	8871720	GMC	416273 <sup>28</sup>	88984330	GMC	710717
88246	MCCOR	417352	8831LUP	JN-MN	471192	8873095	GMC	475012N	88984339	GMC	710718
88246	MCCOR	418028	88326M	IH	411394 <sup>28</sup>	8873096	GMC	475012N	88984494	GMC	330385
88248	MCCOR	417316 <sup>28</sup>	88326M	IH	450317	8873LPD	JN-MN	473245 <sup>28</sup>	88984500	GMC	4503N
88249	MCCOR	416292	88327	EATON	370121A	8873LUP	JN-MN	473245 <sup>28</sup>	88984501	GMC	710682
8824LPD	JN-MN	417606	88327M	IH	450090	8875081	GMC	410686N	88996480	GMC	710898
8824LUP	JN-MN	417606	88343	AM WH	417491	8875LUP	JN-MN	416380 <sup>28,29</sup>	88996656	GMC	710651
88252	MCCOR	416956	88352	WHITE	410737 <sup>28</sup>	88760	C-R	455129 <sup>29</sup>	88996657	GMC	710661
88253	MCCOR	417484N	88355	WHITE	5487	88760	SKF	455129	8899R	JN-MN	470358
88253	MCCOR	475322N	883557	WHITE	455858	8876337	GMC	450183	8899R	JN-MN	473231
88257	MCCOR	415960	8835LPD	JN-MN	417604	8876337	GMC	472179	88AX1	MACK	473215 <sup>28</sup>
88257	MCCOR	455009	8835LUP	JN-MN	417604	8877993	GMC	6864S	88AX10	MACK	470045
88258	MCCOR	412473 <sup>28</sup>	8835S	TIMKE	8835S	8878141	BENDI	470590	88AX10	MACK	476838 <sup>28</sup>
88258	MCCOR	415894	8838378	RCA	240435	8878142	BENDI	471785 <sup>28</sup>	88AX100	MACK	417172
88259	MCCOR	6575S	883865	WHITE	340483	8881538	GMC	J1138	88AX100P3	MACK	417172
8825LPD	JN-MN	417525	883867	WHITE	456744N	8881555	GMC	415938	88AX101	MACK	6863S <sup>28</sup>
8825LUP	JN-MN	417525	8838LPD	JN-MN	455336 <sup>29</sup>	8881715	GMC	472015 <sup>28</sup>	88AX102	MACK	473419 <sup>28</sup>
8826	TEKNI	470163	8838LUP	JN-MN	455336	8884561	GMC	470898	88AX103	MACK	472015 <sup>28</sup>
8826	TEKNI	471766 <sup>28</sup>	883935M4	MASSE	1037	88870	GMC	473238 <sup>28</sup>	88AX104	MACK	473213 <sup>28</sup>
88268	MCCOR	455566	8841LPD	JN-MN	417191	888712	BUC-E	455117	88AX109	MACK	415449 <sup>28</sup>
8826LPD	JN-MN	417548 <sup>29</sup>	8841LUP	JN-MN	417191	8887LPD	JN-MN	473448 <sup>29</sup>	88AX109	MACK	455147
8826LUP	JN-MN	417548	8842	C-R	471137 <sup>29</sup>	8887LUP	JN-MN	473448	88AX11	MACK	470059
88271	MCCOR	415013	8842	SKF	471137	88884A	HEIL	415004	88AX11	MACK	470380 <sup>28</sup>
88271	MCCOR	415995 <sup>28</sup>	884299	WHITE	415483	88884A	HEIL	417316 <sup>28</sup>	88AX110	MACK	370033A

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
88AX110P1	MACK	417356 <sup>2B</sup>	88AX153P3	MACK	415058	88AX198	MACK	415960 <sup>2B</sup>	88AX248	MACK	455018
88AX110P1	MACK	455188	88AX154	MACK	415437 <sup>2B</sup>	88AX198P2	MACK	415009	88AX248	MACK	476470
88AX111	MACK	417196 <sup>2B</sup>	88AX154	MACK	455173	88AX198P2	MACK	415960 <sup>2B</sup>	88AX249	MACK	415938
88AX113	MACK	450025	88AX155	MACK	417171 <sup>2B</sup>	88AX199	MACK	417298	88AX251	MACK	412871 <sup>2B</sup>
88AX113	MACK	417553 <sup>2B</sup>	88AX156	MACK	415394	88AX2	MACK	473458	88AX251	MACK	450329
88AX114	MACK	471570 <sup>2B</sup>	88AX157P3	MACK	416024	88AX20	MACK	415138 <sup>2B</sup>	88AX253	MACK	417546 <sup>2B</sup>
88AX115	MACK	471689 <sup>2B</sup>	88AX158	MACK	415021	88AX200	MACK	455253	88AX255	MACK	415009
88AX116	MACK	470077	88AX159	MACK	416011	88AX201	MACK	416239 <sup>2B</sup>	88AX255	MACK	415960 <sup>2B</sup>
88AX116	MACK	474281 <sup>2B</sup>	88AX159	MACK	417621 <sup>2B</sup>	88AX202	MACK	415142	88AX257	MACK	415013
88AX117	MACK	450094	88AX159P2	MACK	415156N	88AX203	MACK	415064	88AX257	MACK	415995 <sup>2B</sup>
88AX117	MACK	473462	88AX16	MACK	471255 <sup>2B</sup>	88AX204	MACK	473245 <sup>2B</sup>	88AX259	MACK	415991
88AX118	MACK	450066	88AX165	MACK	415013	88AX205	MACK	410987 <sup>2B</sup>	88AX259P2	MACK	415991 <sup>2B</sup>
88AX118	MACK	473367 <sup>2B</sup>	88AX165	MACK	415995 <sup>2B</sup>	88AX205	MACK	450103	88AX259P2	MACK	415991N
88AX119	MACK	416738 <sup>2B</sup>	88AX165P2	MACK	415013	88AX206	MACK	415350	88AX260	MACK	417495
88AX119	MACK	450096	88AX165P2	MACK	415995 <sup>2B</sup>	88AX207	MACK	415196 <sup>2B</sup>	88AX260P1	MACK	417495
88AX12	MACK	473426	88AX166	MACK	415302	88AX208	MACK	473435	88AX261P2	MACK	100494
88AX120	MACK	410312N	88AX167	MACK	456105	88AX209	MACK	475009N	88AX261P2	MACK	416470N
88AX120P2	MACK	410312N	88AX167P3	MACK	456105	88AX21	MACK	415351 <sup>2B</sup>	88AX263	MACK	471760
88AX120P3	MACK	410312N	88AX17	MACK	417273	88AX210	MACK	471689 <sup>2B</sup>	88AX267	MACK	472924 <sup>2B</sup>
88AX121	MACK	411253 <sup>2B</sup>	88AX170	MACK	416706 <sup>2B</sup>	88AX211	MACK	43086S	88AX268	MACK	450519
88AX121	MACK	450099	88AX172	MACK	410102	88AX212	MACK	415066	88AX268	MACK	471271 <sup>2B</sup>
88AX122	MACK	415001 <sup>2B</sup>	88AX173	MACK	415551	88AX214	MACK	416271 <sup>2B</sup>	88AX268P3	MACK	410519
88AX122	MACK	455001	88AX174	MACK	415035 <sup>2B</sup>	88AX215	MACK	416288 <sup>2B</sup>	88AX268P3	MACK	471271 <sup>2B</sup>
88AX123	MACK	415082	88AX174	MACK	455035	88AX215P3	MACK	416288 <sup>2B</sup>	88AX269P3	MACK	471570 <sup>2B</sup>
88AX124	MACK	455280	88AX175	MACK	450316	88AX216	MACK	471688	88AX270	MACK	416865 <sup>2B</sup>
88AX125	MACK	415458 <sup>2B</sup>	88AX175	MACK	472636 <sup>2B</sup>	88AX217	MACK	411500	88AX271	MACK	416664 <sup>2B</sup>
88AX125	MACK	455003	88AX176	MACK	470120	88AX218	MACK	416921 <sup>2B</sup>	88AX271	MACK	455364
88AX126	MACK	415960	88AX176	MACK	471224 <sup>2B</sup>	88AX218	MACK	455011	88AX272	MACK	415147
88AX126	MACK	455009	88AX177	MACK	416892 <sup>2B</sup>	88AX219	MACK	476470	88AX272	MACK	415449 <sup>2B</sup>
88AX128	MACK	417354 <sup>2B</sup>	88AX177P3	MACK	416892 <sup>2B</sup>	88AX21P3	MACK	415351 <sup>2B</sup>	88AX272P2	MACK	415147N
88AX129	MACK	415025	88AX178	MACK	415150 <sup>2B</sup>	88AX22	MACK	415041	88AX273	MACK	415867
88AX13	MACK	417316 <sup>2B</sup>	88AX18	MACK	470027	88AX221	MACK	417181 <sup>2B</sup>	88AX274P2	MACK	417352
88AX13	MACK	455004	88AX18	MACK	471554 <sup>2B</sup>	88AX222	MACK	100495	88AX274P2	MACK	418028 <sup>2B</sup>
88AX132	MACK	473426	88AX182	MACK	470027	88AX222	MACK	415281N	88AX275	MACK	417604
88AX133	MACK	417481	88AX182	MACK	471554 <sup>2B</sup>	88AX223	MACK	416664 <sup>2B</sup>	88AX278	MACK	416029N <sup>2B</sup>
88AX134	MACK	417539 <sup>2B</sup>	88AX183	MACK	471567 <sup>2B</sup>	88AX223	MACK	455364	88AX28	MACK	450593 <sup>2B</sup>
88AX135	MACK	417546 <sup>2B</sup>	88AX184	MACK	471570 <sup>2B</sup>	88AX225	MACK	455123	88AX281	MACK	472012
88AX136	MACK	415483 <sup>2B</sup>	88AX186	MACK	450066	88AX225P3	MACK	455123	88AX281P2	MACK	472012
88AX136	MACK	455368	88AX186	MACK	473367 <sup>2B</sup>	88AX226	MACK	415196 <sup>2B</sup>	88AX282	MACK	471689 <sup>2B</sup>
88AX138	MACK	415036	88AX187	MACK	470088	88AX226P2	MACK	415196 <sup>2B</sup>	88AX282P2	MACK	471689 <sup>2B</sup>
88AX138P3	MACK	415036	88AX188	MACK	450082	88AX229	MACK	417247 <sup>2B</sup>	88AX282P3	MACK	471689 <sup>2B</sup>
88AX13P3	MACK	417316 <sup>2B</sup>	88AX188	MACK	473238	88AX231	MACK	450025	88AX286	MACK	6635S
88AX14	MACK	450040	88AX189	MACK	450083	88AX231	MACK	471553 <sup>2B</sup>	88AX287	MACK	370003A
88AX144	MACK	415995 <sup>2B</sup>	88AX189	MACK	472924 <sup>2B</sup>	88AX231P2	MACK	471567 <sup>2B</sup>	88AX287	MACK	380003A
88AX144	MACK	455013	88AX19	MACK	415035 <sup>2B</sup>	88AX231P3	MACK	471567 <sup>2B</sup>	88AX289	MACK	5403
88AX145	MACK	473016 <sup>2B</sup>	88AX19	MACK	455035	88AX232	MACK	417343 <sup>2B</sup>	88AX291	MACK	415995 <sup>2B</sup>
88AX146	MACK	471567 <sup>2B</sup>	88AX190	MACK	416738 <sup>2B</sup>	88AX233	MACK	416158	88AX291	MACK	455013
88AX147	MACK	5578 <sup>30</sup>	88AX190	MACK	450096	88AX234	MACK	416167 <sup>2B</sup>	88AX291P2	MACK	415013N
88AX147P2	MACK	5578 <sup>30</sup>	88AX191	MACK	412943	88AX234	MACK	455091	88AX291P2	MACK	415995V
88AX149	MACK	417344 <sup>2B</sup>	88AX192	MACK	412119 <sup>2B</sup>	88AX236	MACK	471763	88AX291P3	MACK	415995 <sup>2B</sup>
88AX149	MACK	455006	88AX192	MACK	450101	88AX24	MACK	473423	88AX291P3	MACK	455013
88AX15	MACK	412119 <sup>2B</sup>	88AX193	MACK	415001 <sup>2B</sup>	88AX240	MACK	415060	88AX292	MACK	415991
88AX15	MACK	450101	88AX193	MACK	455001	88AX240P3	MACK	415060	88AX292	MACK	455146 <sup>2B</sup>
88AX150	MACK	456890	88AX194	MACK	415995 <sup>2B</sup>	88AX241	MACK	350954	88AX293	MACK	415995 <sup>2B</sup>
88AX151	MACK	416921 <sup>2B</sup>	88AX194	MACK	455013	88AX241	MACK	470954 <sup>2B</sup>	88AX293	MACK	455013
88AX151	MACK	455011	88AX195	MACK	415025	88AX241P3	MACK	350954	88AX3	MACK	450301
88AX151P3	MACK	416921 <sup>2B</sup>	88AX196	MACK	415035 <sup>2B</sup>	88AX241P3	MACK	470954 <sup>2B</sup>	88AX3	MACK	472397 <sup>2B</sup>
88AX152	MACK	416888 <sup>2B</sup>	88AX196	MACK	455035	88AX242	MACK	473453	88AX303P2	MACK	5578 <sup>30</sup>
88AX152	MACK	455200	88AX197	MACK	415041	88AX247	MACK	471570 <sup>2B</sup>	88AX306	MACK	450352
88AX153	MACK	415058	88AX198	MACK	415009	88AX247P3	MACK	471570 <sup>2B</sup>	88AX306	MACK	472164 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
88AX308	MACK	417362 <sup>28</sup>	88AX379	MACK	380036A	88AX440P4	MACK	712750	88AX67	MACK	473463
88AX311P3	MACK	340120	88AX380	MACK	370019A	88AX441P3	MACK	417278	88AX68	MACK	471354 <sup>28</sup>
88AX312	MACK	472070	88AX382	MACK	370069A	88AX442P3	MACK	415294 <sup>28</sup>	88AX69	MACK	5751
88AX315	MACK	415995V	88AX382	MACK	380069A	88AX443	MACK	370173A	88AX7	MACK	450083
88AX316	MACK	455310	88AX385P3	MACK	470680	88AX444P2	MACK	415983N <sup>28</sup>	88AX7	MACK	472924 <sup>28</sup>
88AX316P3	MACK	455310	88AX385P3	MACK	471570 <sup>28</sup>	88AX448	MACK	370031A	88AX70	MACK	416125 <sup>28</sup>
88AX319P2	MACK	417484N	88AX387P3	MACK	415294 <sup>28</sup>	88AX448	MACK	380031A	88AX71	MACK	455056
88AX319P2	MACK	475322N	88AX390P2	MACK	412798N	88AX450	MACK	370005A	88AX72	MACK	417269 <sup>28</sup>
88AX321P3	MACK	6835S	88AX391P2	MACK	415027N	88AX454	MACK	2822V	88AX73	MACK	417516
88AX322	MACK	415449 <sup>28</sup>	88AX393P3	MACK	416239 <sup>28</sup>	88AX455	MACK	713750	88AX74	MACK	455297
88AX322	MACK	455147	88AX394P3	MACK	415867	88AX456	MACK	475322N	88AX75	MACK	470045
88AX322P2	MACK	415147N	88AX395P3	MACK	416039	88AX456	MACK	4874N	88AX75	MACK	476838 <sup>28</sup>
88AX324	MACK	417022	88AX396P3	MACK	417022	88AX457	MACK	415272N	88AX75P1	MACK	470045
88AX326	MACK	370019A	88AX397P3	MACK	415128	88AX458	MACK	415991N	88AX75P1	MACK	476838 <sup>28</sup>
88AX327	MACK	416029N <sup>28</sup>	88AX4	MACK	471549 <sup>28</sup>	88AX463	MACK	713750	88AX75P3	MACK	470045
88AX327P2	MACK	416029N <sup>28</sup>	88AX400	MACK	2822V	88AX466	MACK	370031A	88AX75P3	MACK	476838 <sup>28</sup>
88AX328	MACK	370014A	88AX401P2	MACK	410867N	88AX466	MACK	380031A	88AX76	MACK	473426
88AX331	MACK	340483	88AX402	MACK	370069A	88AX467	MACK	370022A	88AX76P3	MACK	473426
88AX331P3	MACK	340483	88AX402	MACK	380069A	88AX467	MACK	380022A	88AX77	MACK	370036A
88AX334	MACK	415128	88AX403	MACK	370069A	88AX469	MACK	370048A	88AX77	MACK	370349A
88AX334P3	MACK	415128	88AX403	MACK	380069A	88AX469	MACK	370182A	88AX77	MACK	380036A
88AX34	MACK	457874	88AX404	MACK	370069A	88AX469	MACK	380048A	88AX79	MACK	415645 <sup>28</sup>
88AX341	MACK	415836	88AX404	MACK	380069A	88AX47	MACK	415988	88AX79	MACK	455104
88AX341	MACK	415995 <sup>28</sup>	88AX405	MACK	370031A	88AX49	MACK	415836	88AX79P3	MACK	415645 <sup>28</sup>
88AX341P2	MACK	415836N	88AX405	MACK	380031A	88AX49	MACK	415995 <sup>28</sup>	88AX79P3	MACK	455104
88AX343P2	MACK	472016 <sup>28</sup>	88AX406	MACK	370019A	88AX49-P2	MACK	415013	88AX7P3	MACK	472924 <sup>28</sup>
88AX346P2	MACK	475009N	88AX407	MACK	370022A	88AX49-P2	MACK	415995 <sup>28</sup>	88AX8	MACK	450039
88AX347P2	MACK	416011	88AX407	MACK	380022A	88AX5	MACK	471137	88AX81	MACK	473438
88AX347P2	MACK	417621 <sup>28</sup>	88AX408P1	MACK	470954 <sup>28</sup>	88AX50	MACK	415272N	88AX82	MACK	455195
88AX348P2	MACK	415991 <sup>28</sup>	88AX408P1	MACK	480954	88AX51	MACK	416706 <sup>28</sup>	88AX82	MACK	472157 <sup>28</sup>
88AX348P2	MACK	415991N	88AX409P3	MACK	416951	88AX52	MACK	412943	88AX83	MACK	450070
88AX349P3	MACK	240731	88AX410P2	MACK	470954V	88AX53	MACK	411253 <sup>28</sup>	88AX83	MACK	472185 <sup>28</sup>
88AX350P3	MACK	343186	88AX410P3	MACK	470954 <sup>28</sup>	88AX54	MACK	415991	88AX84	MACK	416047
88AX353	MACK	472924 <sup>28</sup>	88AX415P3	MACK	471570 <sup>28</sup>	88AX54	MACK	455146 <sup>28</sup>	88AX84	MACK	416332 <sup>28</sup>
88AX353P3	MACK	472924 <sup>28</sup>	88AX416P2	MACK	415147N	88AX55	MACK	417210 <sup>28</sup>	88AX84-P1	MACK	416047
88AX354P	MACK	415272N	88AX417	MACK	415294 <sup>28</sup>	88AX56	MACK	412473 <sup>28</sup>	88AX84-P1	MACK	416332 <sup>28</sup>
88AX354P2	MACK	415272N	88AX417	MACK	455294	88AX56	MACK	415894	88AX84-P2	MACK	416047
88AX355P2	MACK	415013N	88AX418	MACK	370031A	88AX58	MACK	455151	88AX84-P2	MACK	416332 <sup>28</sup>
88AX355P2	MACK	415995V	88AX418	MACK	380031A	88AX59	MACK	370036A	88AX88	MACK	415001 <sup>28</sup>
88AX357P2	MACK	410312N	88AX419	MACK	370033A	88AX59	MACK	370349A	88AX89	MACK	415116
88AX358P2	MACK	410101N	88AX-420	MACK	370003A	88AX59	MACK	380036A	88AX9	MACK	473438
88AX359P2	MACK	415001N	88AX-420	MACK	380003A	88AX59P3	MACK	370036A	88AX90	MACK	470088
88AX360P2	MACK	415009N	88AX421	MACK	370022A	88AX59P3	MACK	370349A	88AX93	MACK	471354 <sup>28</sup>
88AX361P2	MACK	415156N	88AX421	MACK	380022A	88AX59P3	MACK	380036A	88AX93P3	MACK	471354 <sup>28</sup>
88AX362P2	MACK	415146 <sup>28</sup>	88AX424	MACK	370069A	88AX6	MACK	450076	88AX94	MACK	417556
88AX362P2	MACK	415991	88AX424	MACK	380069A	88AX6	MACK	470334 <sup>28</sup>	88AX95	MACK	417223
88AX368P2	MACK	415389N	88AX425	MACK	370037A	88AX61	MACK	415995 <sup>28</sup>	88AX96	MACK	411376 <sup>28</sup>
88AX370P3	MACK	254270 <sup>28</sup>	88AX425	MACK	370338A	88AX61	MACK	455013	88AX96	MACK	455093
88AX370P3	MACK	7750	88AX426	MACK	370048A	88AX61P3	MACK	415995 <sup>28</sup>	88AX97	MACK	415437 <sup>28</sup>
88AX372	MACK	370022A	88AX426	MACK	370182A	88AX61P3	MACK	455013	88AX97	MACK	455173
88AX372	MACK	380022A	88AX426	MACK	380048A	88AX62	MACK	416666	88AX97P3	MACK	415437 <sup>28</sup>
88AX373	MACK	370031A	88AX427	MACK	370019A	88AX63	MACK	450117	88AX97P3	MACK	455173
88AX373	MACK	380031A	88AX429P3	MACK	471224 <sup>28</sup>	88AX63	MACK	472572 <sup>28</sup>	88AX98	MACK	415350
88AX374	MACK	370057A	88AX432	MACK	370005A	88AX64	MACK	410987 <sup>28</sup>	88AX99	MACK	417563
88AX375	MACK	370028A	88AX439	MACK	370023A	88AX64	MACK	450103	88AXB1	MACK	415272N
88AX376	MACK	370069A	88AX439	MACK	380023A	88AX65	MACK	416865 <sup>28</sup>	88AXB2	MACK	415001 <sup>28</sup>
88AX376	MACK	380069A	88AX440	MACK	415991 <sup>28</sup>	88AX65	MACK	455070	88AXB21	MACK	416029N <sup>28</sup>
88AX378	MACK	370028A	88AX440	MACK	415991N	88AX65P3	MACK	416865 <sup>28</sup>	88AXB4	MACK	416706 <sup>28</sup>
88AX379	MACK	370036A	88AX440P2	MACK	415991 <sup>28</sup>	88AX65P3	MACK	455070	88AXB5	MACK	415960
88AX379	MACK	370349A	88AX440P2	MACK	415991N	88AX66	MACK	473245 <sup>28</sup>	88AXB5	MACK	415960
									88AXB6	MACK	416011

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type





# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8948LUP	JN-MN	415090	8-97025-798-1	ISUZU	710194	8-97209-342-2	ISUZU	710892	899448	CLARK	100495
8949LPD	JN-MN	417562	8-97028086-0	ISUZU	7412S	8-97209-342-3	ISUZU	710892	899448	CLARK	415281N
8949LUP	JN-MN	417562	8-97028148-0	ISUZU	710441	8-97218-279-0	ISUZU	221207	8998	DICO	441319
894A786	GE	450457	8-97044-739-0	HONDA	710168	8-97218-280-0	ISUZU	2025	8998	TIMKE	8998
8950LPD	JN-MN	416229	8-97044-739-0	ISUZU	710168	8-97238-997-0	ISUZU	710769	89986R91	IH	450143
8950LUP	JN-MN	416229	8-97046-698-0	HONDA	710511	8-97238-998-0	ISUZU	221820	8999LPD	JN-MN	417496 <sup>29</sup>
895121C1	IH	475004H	8-97046-698-0	ISUZU	710511	8-97238-999-0	HONDA	710768	8999LUP	JN-MN	417496
8951LPD	JN-MN	415116	8-97046-699-0	HONDA	710511	8-97238-999-0	ISUZU	710768	8A0-501-641A	AUDI	224015
8951LUP	JN-MN	415116	8-97046-699-0	ISUZU	710511	89724	CHRYSLER	8160S	8A0-501-641A	VW	224015
8952LPD	JN-MN	455406 <sup>28</sup>	8-97046-699-1	HONDA	710511	8-97287-358-0	ISUZU	710770	8A1096	FED	410308 <sup>28</sup>
8952LUP	JN-MN	455406 <sup>28</sup>	8-97046-699-1	ISUZU	710511	8972LPD	JN-MN	450070	8A1096	FED	450308
8953000237	AMC	4019N	8-97046-699-2	HONDA	710511	8972LPD	JN-MN	472185 <sup>28</sup>	8A1126	FED	473463
8953000239	AMC	470547	8-97046-699-2	ISUZU	710511	8972LUP	JN-MN	450070	8A1177A	FORD	450444
8953000476	AMC	473212	8-97046-699-3	HONDA	710511	8972LUP	JN-MN	472185 <sup>28</sup>	8A1177A	FORD	471835 <sup>28</sup>
8953002642	AMC	470331N	8-97046-699-3	ISUZU	710511	897348R91	IH	410101N	8A1177A1	FORD	450444
8953LPD	JN-MN	417602 <sup>28</sup>	8-97046-700-0	HONDA	224250	8-97352-745-0	ISUZU	224025	8A1177A1	FORD	471835 <sup>28</sup>
8953LUP	JN-MN	417602 <sup>28</sup>	8-97046-700-0	ISUZU	224250	89735R1	IH	240735	8A1177A2	FORD	450444
895486	WHITE	415983N <sup>28</sup>	8-97046-701-1	HONDA	224250	8-97373-555-0	HONDA	710516	8A1177A2	FORD	471835 <sup>28</sup>
895486T2	DIA	415983N <sup>28</sup>	8-97046-701-1	ISUZU	224250	8-97373-555-0	ISUZU	710516	8A1177A3	FORD	450444
895486TZ	WHITE	415983N <sup>28</sup>	8-97046-701-2	HONDA	224250	8973R	JN-MN	450117	8A1177A3	FORD	471835 <sup>28</sup>
8954LPD	JN-MN	417604	8-97046-701-2	ISUZU	224250	8973R	JN-MN	472572 <sup>28</sup>	8A1190A	FORD	440265
8954LUP	JN-MN	417604	8-97046-703- 2	HONDA	710768	8974S	TIMKE	8974S	8A3591A1	FORD	240151
8955LPD	JN-MN	416364 <sup>28</sup>	8-97046-703- 2	ISUZU	710768	897599R91	IH	455005	8A3591A2	FORD	240151
8955LUP	JN-MN	416364 <sup>28</sup>	8-97046-704-0	HONDA	710247	8975LPD	JN-MN	453165	8A56277S	TROS	55301S
89569	US-EL	470064	8-97046-704-0	ISUZU	710247	8975LPD	JN-MN	471619 <sup>28</sup>	8A6000	FED	471570 <sup>28</sup>
89569	US-EL	471821 <sup>28</sup>	8-97046-705-0	HONDA	710247	8975LUP	JN-MN	453165	8A7261	FED	473215 <sup>28</sup>
8956LPD	JN-MN	417542	8-97046-705-0	ISUZU	710247	8975LUP	JN-MN	471619 <sup>28</sup>	8A7262	FED	471570 <sup>28</sup>
8956LUP	JN-MN	417542	8-97046-705-1	HONDA	710247	8975S	TIMKE	8975S	8A7976	FED	450307
895781	WHITE	410496 <sup>28</sup>	8-97046-705-1	ISUZU	710247	897.690	ELRNG	3476	8A8203	FED	450365
8-96014416-0	HONDA	3459	8-97046-705-3	HONDA	710247	8976S	TIMKE	8976S	8A8203	FED	470898 <sup>28</sup>
8-96014416-0	ISUZU	3459	8-97046-705-3	ISUZU	710247	8-98036-593-0	HONDA	710357	8A8579	FED	415449 <sup>28</sup>
8-96015187-0	HONDA	6712NA	8-97046-706-0	HONDA	710512	8-98036-593-0	ISUZU	710357	8A8579	FED	455147
8-96015187-0	ISUZU	6712NA	8-97046-706-0	ISUZU	710512	8-98036-594-0	HONDA	710168	8AX1177	FORD	450444
8960B	HYST	416921 <sup>28</sup>	8-97046-707-0	HONDA	710512	8-98036-594-0	ISUZU	710168	8AX1177	FORD	471835 <sup>28</sup>
8960B	HYST	455011	8-97046-707-0	ISUZU	710512	8-98202-912-0	ISUZU	710081	8B136	CATER	472705 <sup>28</sup>
896473	MERIX	415995V	8-97046-707-1	HONDA	710512	898235-R93	IH	370019A	8B2240	FED	410708
896473	MERIX	455995N	8-97046-707-1	ISUZU	710512	898235R93	NAVST	370019A	8B2702	CATER	450066
896473	ROCKW	415995V	8-97046-707-2	HONDA	710512	8-98321-726-0	ISUZU	370023A	8B2702	CATER	473367 <sup>28</sup>
896473	ROCKW	455995N	8-97046-707-2	ISUZU	710512	8983500199	JEEP	710204	8B6341	CATER	417513
896473	WHITE	415995V	8-97049-145-0	ISUZU	225020	8983501389	AMC	4370N	8B7180	CATER	450067
896473	WHITE	455995N	8-97049-146-0	ISUZU	710060	8983501389	CHRYSLER	4370N	8B7180	CATER	473228
896473T2	DIA	415995V	8-97070182-0	ISUZU	3543	8983501389	JEEP	4370N	8B7618	CATER	410987 <sup>28</sup>
896473T2	DIA	455995N	8-97072405-0	ISUZU	3543	8983501872	AMC	473135V	8B7618	CATER	450103
89660	BR-ST	7014S	8-97080-562-0	ISUZU	224025	8983503010	AMC	473214 <sup>28</sup>	8B7989	CATER	415437
89692	BR-ST	471267 <sup>28</sup>	8-97081867-0	HONDA	222036	8983503010	JEEP	473214 <sup>28</sup>	8B8252	CATER	473215 <sup>28</sup>
896941R91	IH	370048A	8-97081867-0	ISUZU	222036	8983503063	AMC	9912	8B8255	CATER	450121
896941R91	NAVST	370182A	8-97081945-0	HONDA	9912	8983503063	CHRYSLER	9912	8B8255	CATER	472409 <sup>28</sup>
896941R91	NAVST	380048A	8-97081945-0	ISUZU	9912	8983503063	JEEP	9912	8B8255	FPDSL	450121
896K1	WHITE	40382	8-97081945-2	HONDA	710166	8983503504	AMC	710202	8B8294	CATER	416654 <sup>28</sup>
8-97011675-0	ISUZU	474133	8-97081945-2	ISUZU	710166	8983503752	AMC	223831	8B8294	CATER	455012
8-97017-350-0	ISUZU	1990	8-97084466-0	HONDA	5778V	8983504434	AMC	3946	8B8359	CATER	470163
8-97020-825-0	ISUZU	223540	8-97084466-0	ISUZU	5778V	8985R	JN-MN	455328	8B8359	CATER	471766 <sup>28</sup>
8-97023-373-0	HONDA	710620	8-97129-040-0	HONDA	710403	8989LPD	JN-MN	450084 <sup>28</sup>	8B8616	CATER	455018
8-97023-373-0	ISUZU	710620	8-971290-40-0	ISUZU	710403	8989LUP	JN-MN	450084 <sup>28</sup>	8B8616	CATER	476470
8-97023-976-0	ISUZU	710081	8-97129041-0	HONDA	224250	8991LPD	JN-MN	411376 <sup>28</sup>	8B8925	CATER	450185
8-97023-976-1	ISUZU	710081	8-97129041-0	ISUZU	224250	8991LPD	JN-MN	455093	8B8925	CATER	473229
8-97023-977-0	ISUZU	710080	8-97165-084-0	ISUZU	223253	8991LUP	JN-MN	411376 <sup>28</sup>	8B9631	CATER	450076
8-97023-977-1	ISUZU	710080	8-97179-937-0	HONDA	710452	8991LUP	JN-MN	455093	8B9631	CATER	470334 <sup>28</sup>
8-97025-206-0	ISUZU	710060	8-97179-937-0	ISUZU	710452	899246	WHITE	415013	8C3100	CATER	39140
8-97025-798-0	ISUZU	710194	8-97209-341-2	ISUZU	710601	899246	WHITE	415995 <sup>28</sup>	8C34-1190AA	FORD	710584

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
8C34-3N296-BB	FORD	100712V	8H9520	CATER	471267 <sup>2B</sup>	8T4676A	FORD	450737	90043-11042	DAIHA	223542
8C34-6700-AA	FORD	710878	8H9826	CATER	470605 <sup>2B</sup>	8T4676B	FORD	410737 <sup>2B</sup>	90043-11066-000	DAIHA	224045
8C3Z-1190A	FORD	710584	8H9836	CATER	450069	8T6917	CATER	416921 <sup>2B</sup>	90043-11075-000	DAIHA	1012N
8C3Z-4L616-B	FORD	100712V	8H9836	CATER	473232	8T7274	FORD	472705 <sup>2B</sup>	90043-11076	DAIHA	717005
8C3Z 6700-A	FORD	710878	8J4869	CATER	416364 <sup>2B</sup>	8U9Z-1S177-A	FORD	370023A	90043-11076-000	DAIHA	717005
8C3Z-6700-B	FORD	710878	8J7893	JNSON	J1119	8X14X4	TIMKE	8X14X4	90043-11081	TOYOT	223240
8C5167	CATER	417484N	8L2594	CATER	471570 <sup>2B</sup>	8X16X7	FORSH	8X16X7	90043-11092	DAIHA	223542
8C5167	CATER	455322N	8L2595	CATER	417350 <sup>2B</sup>	8X16X7	SIMRT	8X16X7	90043-11095	DAIHA	710271
8C5210	CATER	38832	8L2595	CATER	455479	8X16X7	TIMKE	8X16X7	90043-11095-000	DAIHA	710271
8C815248	FUNK	450352	8L2891	CATER	481443 <sup>2B</sup>	8X16X7SC	TRSCM	8X16X7	9004311100	DAIHA	1012N
8C815248	FUNK	472164 <sup>2B</sup>	8L3024	CATER	481443 <sup>2B</sup>	8X18X5	TIMKE	8X18X5	90043-11100-000	DAIHA	1012N
8C87638	FUNK	411253 <sup>2B</sup>	8L6547	CATER	472475	8X22X7	FORSH	8X22X7 <sup>2B</sup>	9004311112	DAIHA	1012N
8-CG134	MACK	450025	8L7657	FORD	473235 <sup>2B</sup>	8X22X7	SIMRT	8X22X7 <sup>2B</sup>	90043-11141	DAIHA	1981
8-CG134	MACK	471553 <sup>2B</sup>	8L7657A	FORD	473235 <sup>2B</sup>	8X22X7	TIMKE	8X22X7	90043-11141-000	DAIHA	1981
8-CG175	MACK	450316	8L7657B	FORD	7300S	8X22X7SC	TRSCM	8X22X7 <sup>2B</sup>	90043-11144	TOYOT	223420
8-CG175	MACK	472636 <sup>2B</sup>	8L7657C	FORD	7300S	8X22X7TC	TRSCM	8X22X7 <sup>2B</sup>	90043-11144-000	DAIHA	223420
8D0-501-641A	AUDI	1962	8M1177A	FORD	450067	900	C-R	415983N	90043-11149	DAIHA	712008
8D0-501-641A	VW	1962	8M1177A	FORD	473228	900	SKF	415983N	90043-11149-000	DAIHA	712008
8D0-598-625	AUDI	1962	8M3524	CATER	450076	900	UNIVE	415090 <sup>29</sup>	90043-11166	TOYOT	710230
8D0-598-625	VW	1962	8M3524	CATER	470334 <sup>2B</sup>	900016	EL-MO	471424 <sup>2B</sup>	90043-11206	DAIHA	224015
8D1175	FORD	410987 <sup>2B</sup>	8M3591	FORD	240356	90006	C-R	417940 <sup>2B</sup>	90043-11211	DAIHA	223420
8D2311	CATER	416167 <sup>2B</sup>	8M4104	CATER	471869	90006	C-R	55301S	90043-11211-000	DAIHA	223420
8D3902	CATER	416047	8M4104	CATER	473459	90006	SKF	417940	90043-11222	DAIHA	710271
8D3902	CATER	416332 <sup>2B</sup>	8M4676	FORD	5778	90006	SKF	55301S	90043-11222-000	DAIHA	710271
8EB1190	FORD	6638S	8M4676A	FORD	5778	900108	EL-MO	416664 <sup>2B</sup>	90043-11229	DAIHA	223800
8EB3591A	FORD	480630 <sup>2B</sup>	8M7657	FORD	473228 <sup>2B</sup>	900110	MICH	415090 <sup>29</sup>	90043-11230	DAIHA	228013
8EB3591A	FORD	480991	8M8110	CATER	456837V	9001100	UNIVE	415090 <sup>29</sup>	90043-11230-000	DAIHA	228013
8EB3591A1	FORD	480630 <sup>2B</sup>	8M8761	CATER	472018	9001223	GMC	471466 <sup>2B</sup>	90043-11231	TOYOT	710416
8EB3591A2	FORD	480630 <sup>2B</sup>	8M8955	CATER	415035	900156	EL-MO	415867	90043-11248	DAIHA	224570
8EB3591A2	FORD	480991	8M9299	CATER	471570 <sup>2B</sup>	9001R	JN-MN	417498	90043-11250	DAIHA	1955
8-EJW32	MACK	450307	8N4233	FORD	450389	9002	JN-MN	370022A	90043-11250-000	DAIHA	1955
8EQH2965	FORD	471689 <sup>2B</sup>	8N4233	FORD	472492 <sup>2B</sup>	900202	EL-MO	455079 <sup>2B</sup>	90043-11251	DAIHA	224200
8F110	BORGW	482267	8N-4233A	FORD	450389	900218	EL-MO	471567 <sup>2B</sup>	90043-11251-000	DAIHA	224200
8F1596	CATER	415327	8N4233A1	FORD	450389	900229	EL-MO	415088 <sup>2B</sup>	90043-11252	DAIHA	225535
8F2079	CATER	471705 <sup>2B</sup>	8N4233A1	FORD	472492 <sup>2B</sup>	900229	EL-MO	455088	90043-11252-000	DAIHA	225535
8F3522	CATER	472179	8N4233A2	FORD	450389	900276	EL-MO	471570 <sup>2B</sup>	90043-11267-000	DAIHA	710271
8F3528	CATER	471763	8N4233A2	FORD	472492 <sup>2B</sup>	900279	EL-MO	417556	90043-11274	DAIHA	717005
8F3600	CATER	455035N	8N4251	FORD	417316 <sup>2B</sup>	90029-21007	TOYOT	710450	90043-11274-000	DAIHA	717005
8F4331	CATER	413479	8N4251B	FORD	417316 <sup>2B</sup>	90029-21020	TOYOT	710450	90043-11276-000	DAIHA	710271
8F450	CATER	470328	8N7052	FORD	5872S	900301	EL-MO	412920 <sup>2B</sup>	90043-11283-000	DAIHA	710271
8F450	CATER	481213 <sup>2B</sup>	8N7052A	FORD	5872S	900302	EL-MO	471763	90043-11284	DAIHA	223235
8F530	CATER	415023	8N7052A1	FORD	5872S	900313	EL-MO	473214 <sup>2B</sup>	90043-11284-000	DAIHA	223235
8F5340	CATER	240731	8N7052A2	FORD	5872S	90033-19001	TOYOT	710371	90043-11293	DAIHA	710616
8F5583	CATER	417562	8N7052A3	FORD	5872S	900366	EL-MO	416154 <sup>2B</sup>	90043-11293-000	DAIHA	710616
8F9770	CATER	417316 <sup>2B</sup>	8N7052H	FORD	471141 <sup>2B</sup>	900384	EL-MO	415437	90043-11309	DAIHA	712001
8F9770	CATER	455004	8S2225	CATER	254287 <sup>29</sup>	900392	EL-MO	470120	90043-11309-000	DAIHA	712001
8G1002	HU-WR	415027 <sup>2B</sup>	8S4862	B-L-H	450494	900392	EL-MO	471224 <sup>2B</sup>	9004LPD	JN-MN	455019 <sup>2B</sup>
8G1002	HU-WR	455027	8S4862	B-L-H	472164 <sup>2B</sup>	90043-10027	DAIHA	222410	9004LUP	JN-MN	455019 <sup>2B</sup>
8G1085	HU-WR	412473 <sup>2B</sup>	8S5575	CATER	471442 <sup>2B</sup>	90043-10027-000	DAIHA	222410	9005	C-R	710254
8G1085	HU-WR	415894	8T0085	CATER	417940 <sup>2B</sup>	90043-10029	DAIHA	1981	9005	JN-MN	370021A
8G1176	HU-WR	470219	8T1009	HU-WR	473313	90043-10029-000	DAIHA	1981	9005	SKF	710254
8G1176	HU-WR	471649 <sup>2B</sup>	8T1020	HU-WR	473245 <sup>2B</sup>	90043-10032	DAIHA	222410	900509	EL-MO	416666
8G1178	HU-WR	473205	8T1051	HU-WR	415938	90043-10032-000	DAIHA	222410	90052	DENCO	410102
8G13-4N299-A	FORD	100552	8T1284	HU-WR	417563	90043-10035	DAIHA	222410	900520	EL-MO	416239 <sup>2B</sup>
8G1Z-4N046-A	FORD	100552	8T1402	HU-WR	410312N	90043-10035-000	DAIHA	222410	9005354	GMC	415938
8H7319	CATER	415156N	8T2604	CATER	351487	90043-10036	DAIHA	222410	9005357	GMC	417602 <sup>2B</sup>
8H9180	CATER	7188S	8T2604	CATER	7188S	90043-10036-000	DAIHA	222410	9005359	GMC	415938
8H9220	CATER	471267 <sup>2B</sup>	8T3413	CATER	450069	90043-10051-000	DAIHA	222410	9005360	GMC	416381
8H9519	CATER	474274	8T3413	CATER	473232	90043-11022	DAIHA	223830	900553	EL-MO	415836
8H9520	CATER	470567	8T4676A	FORD	410737 <sup>2B</sup>	90043-11024-000	DAIHA	224045	900553	EL-MO	415995 <sup>2B</sup>

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
900556	EL-MO	472397 <sup>28</sup>	901241104	JOY	455013	901241166	JOY	415458 <sup>28</sup>	90124126	JOY	455018
900621	EL-MO	415725 <sup>28</sup>	901241105	JOY	473245 <sup>28</sup>	901241166	JOY	455003	90124126	JOY	476470
900665	EL-MO	473241	901241106	JOY	470059	901241167	JOY	417485	901241263	JOY	415991
900666	EL-MO	471192	901241106	JOY	470380 <sup>28</sup>	901241168	JOY	455005	901241263	JOY	455146 <sup>28</sup>
900695	EL-MO	471316	901241108	JOY	480210 <sup>28</sup>	901241169	JOY	417134	901241268	JOY	471567 <sup>28</sup>
900734	EL-MO	473227 <sup>28</sup>	901241111	JOY	417487	90124117	JOY	457874	901241269	JOY	473213 <sup>28</sup>
900757	EL-MO	415449 <sup>28</sup>	901241111	JOY	455014	901241172	JOY	417488 <sup>28</sup>	901241270	JOY	55419
90080-31003	TOYOT	221820	901241115	JOY	416865 <sup>28</sup>	901241174	JOY	416011	901241271	JOY	416892 <sup>28</sup>
90080-31013	TOYOT	1987	901241115	JOY	455070	901241174	JOY	417621 <sup>28</sup>	901241272	JOY	415938
90080-31020	TOYOT	710412	901241112	JOY	456105	901241175	JOY	416288 <sup>28</sup>	901241273	JOY	418028
90080-31021	TOYOT	710765	901241120	JOY	481073	901241178	JOY	412473 <sup>28</sup>	901241273	JOY	455137 <sup>28</sup>
90080-31022	TOYOT	2025	901241121	JOY	450025	901241178	JOY	415894	901241274	JOY	415437
90080-31023	TOYOT	223801	901241121	JOY	471553 <sup>28</sup>	901241179	JOY	417191	901241275	JOY	470027
90080-31033	TOYOT	229210	901241123	JOY	471689 <sup>28</sup>	90124118	JOY	416339	901241275	JOY	471554 <sup>28</sup>
90080-31034	TOYOT	224020	901241124	JOY	470219	90124118	JOY	455031 <sup>28</sup>	901241279	JOY	416664 <sup>28</sup>
90080-31035	TOYOT	223800	901241124	JOY	471649 <sup>28</sup>	901241180	JOY	415025	901241279	JOY	455364
90080-31039	TOYOT	227045	901241125	JOY	470120	901241181	JOY	455249 <sup>28</sup>	90124128	JOY	415036
90080-31049	TOYOT	223801	901241125	JOY	471224 <sup>28</sup>	901241182	JOY	415711	901241282	JOY	473228
90080-31050	TOYOT	710465	901241127	JOY	471763	901241183	JOY	415937 <sup>28</sup>	901241282	JOY	51098
90080-31053	TOYOT	229210	901241128	JOY	470045	901241184	JOY	415379 <sup>28</sup>	90124129	JOY	415645 <sup>28</sup>
90080-31059	TOYOT	710465	901241128	JOY	476838 <sup>28</sup>	901241184	JOY	455379	90124129	JOY	455104
90080-31060	TOYOT	223801	901241129	JOY	470712 <sup>28</sup>	901241187	JOY	417211 <sup>28</sup>	901241290	JOY	415938
90080-31066	TOYOT	1987	90124113	JOY	415035 <sup>28</sup>	901241189	JOY	415138 <sup>28</sup>	901241293	JOY	473474
90080-31068	TOYOT	223830	90124113	JOY	455035	901241190	JOY	415034 <sup>28</sup>	901241294	JOY	471466 <sup>28</sup>
90080-31069	TOYOT	710732	901241131	JOY	471750 <sup>28</sup>	901241190	JOY	455034	901241296	JOY	450177
90080-31072	TOYOT	710711	901241132	JOY	470548	901241192	JOY	417513	9012413	JOY	416107 <sup>28</sup>
90080-31073	TOYOT	710189	901241132	JOY	470625 <sup>28</sup>	901241193	JOY	416891 <sup>28</sup>	9012413	JOY	455073
90080-31083	TOYOT	223801	901241133	JOY	450185	901241194	JOY	455195	901241301	JOY	416125 <sup>28</sup>
90080-31093	TOYOT	223801	901241133	JOY	473229	901241194	JOY	472157 <sup>28</sup>	901241302	JOY	417262 <sup>28</sup>
90080-31094	TOYOT	710676	901241135	JOY	470712 <sup>28</sup>	901241195	JOY	416888 <sup>28</sup>	901241302	JOY	455448
900831	EL-MO	417079	901241137	JOY	450194	901241195	JOY	455200	901241303	JOY	350414
9009054660	GETRA	710853	901241137	JOY	473010	9012412	JOY	417546 <sup>28</sup>	901241303	JOY	472311 <sup>28</sup>
90091903	GMC	714436	901241138	JOY	473446	90124120	JOY	415045 <sup>28</sup>	901241307	JOY	415013
90091926	GMC	228008	901241139	JOY	473236 <sup>28</sup>	901241200	JOY	416167 <sup>28</sup>	901241307	JOY	415995 <sup>28</sup>
90091926	OPEL	228008	901241142	JOY	450076	901241200	JOY	455091	901241308	JOY	471424 <sup>28</sup>
900920	EL-MO	416130 <sup>28</sup>	901241142	JOY	470334 <sup>28</sup>	901241201	JOY	416865 <sup>28</sup>	901241315	JOY	471391 <sup>28</sup>
900927	EL-MO	416556 <sup>28</sup>	901241144	JOY	473450	901241201	JOY	455070	901241323	JOY	470189
900927	EL-MO	472157	901241145	JOY	471866 <sup>28</sup>	901241202	JOY	416865 <sup>28</sup>	901241323	JOY	471692 <sup>28</sup>
900939	EL-MO	417474	901241146	JOY	473458	901241202	JOY	455070	901241328	JOY	472560N <sup>28</sup>
900959	EL-MO	471316	901241147	JOY	471868	901241206	JOY	457874	901241328	JOY	50151S
900974	EL-MO	472015 <sup>28</sup>	901241148	JOY	472439	901241208	JOY	416229	901241329	JOY	473237 <sup>28</sup>
900991	EL-MO	415302	90124115	JOY	455008	901241209	JOY	411376 <sup>28</sup>	90124133	JOY	415007
901	C-R	712270	901241151	JOY	450301	901241209	JOY	455093	90124135	JOY	470169
901	SKF	712270	901241151	JOY	472397 <sup>28</sup>	90124121	JOY	416892 <sup>28</sup>	90124135	JOY	473214
901017	WAYNE	240733	901241152	JOY	473242	901241211	JOY	415551	901241354	JOY	417602 <sup>28</sup>
901018	WAYNE	450039	901241153	JOY	416738 <sup>28</sup>	901241213	JOY	417606	90124136	JOY	415988
90102037	DEMPC	471760	901241153	JOY	450096	901241214	JOY	417020	90124137	JOY	471138 <sup>28</sup>
9010625	GMC	J1117	901241154	JOY	450307	901241216	JOY	471648	901241370	JOY	470605 <sup>28</sup>
9010630	GMC	415483	901241155	JOY	410312N	90124122	JOY	455024	901241376	JOY	450389
90106350	GMC	710232	901241158	JOY	411253 <sup>28</sup>	90124123	JOY	412119 <sup>28</sup>	901241376	JOY	472492 <sup>28</sup>
9012	JN-MN	370023A	901241158	JOY	450099	90124123	JOY	450101	901241391	JOY	472658
90122607	GMC	710232	90124116	JOY	470163	90124124	JOY	471765 <sup>28</sup>	901241391	JOY	473197
90122609	GMC	714436	90124116	JOY	471766 <sup>28</sup>	901241241	JOY	470712 <sup>28</sup>	9012414	JOY	416666
90123632	JOY	471413 <sup>28</sup>	901241160	JOY	410694 <sup>28</sup>	90124125	JOY	417316 <sup>28</sup>	90124142	JOY	415379 <sup>28</sup>
90124110	JOY	415058	901241161	JOY	411394 <sup>28</sup>	90124125	JOY	455004	90124142	JOY	455379
901241100	JOY	417344 <sup>28</sup>	901241161	JOY	450317	901241251	JOY	410520	901241427	JOY	415004
901241100	JOY	455006	901241162	JOY	416271 <sup>28</sup>	901241251	JOY	471272 <sup>28</sup>	901241427	JOY	417316 <sup>28</sup>
901241101	JOY	416654 <sup>28</sup>	901241163	JOY	417073	901241254	JOY	415995 <sup>28</sup>	90124143	JOY	418028
901241101	JOY	455012	901241164	JOY	410496 <sup>28</sup>	901241254	JOY	455013	90124143	JOY	455137 <sup>28</sup>
901241104	JOY	415995 <sup>28</sup>	901241165	JOY	415302	901241259	JOY	471570 <sup>28</sup>	90124145	JOY	415960

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
90124145	JOY	455009	90124198	JOY	415449 <sup>2B</sup>	901244213	JOY	455188	90124653	JOY	415991
901241452	JOY	415004	90124198	JOY	455147	901244222	JOY	416137	90124653	JOY	455146 <sup>2B</sup>
901241452	JOY	417316 <sup>2B</sup>	90124199	JOY	455151	901244236	JOY	417278	90124664	JOY	450183
901241457	JOY	471419	901244100	JOY	471736	901244246	JOY	415072	90124664	JOY	472179
901241457	JOY	473367	901244107	JOY	470548	90124425	JOY	417316 <sup>2B</sup>	90124666	JOY	450389
90124146	JOY	450082	901244107	JOY	470625 <sup>2B</sup>	90124425	JOY	455004	90124666	JOY	472492 <sup>2B</sup>
90124146	JOY	473238	901244108	JOY	470548	90124426	JOY	455018	90124668	JOY	450519
90124147	JOY	415960	901244108	JOY	470625 <sup>2B</sup>	90124426	JOY	476470	90124668	JOY	471271 <sup>2B</sup>
90124147	JOY	455009	901244109	JOY	470059	901244260	JOY	411394 <sup>2B</sup>	90124681	JOY	450083
90124148	JOY	450083	901244109	JOY	470380 <sup>2B</sup>	901244260	JOY	450317	90124681	JOY	472924 <sup>2B</sup>
90124148	JOY	472924 <sup>2B</sup>	90124411	JOY	417487	901244278	JOY	471870 <sup>2B</sup>	90124682	JOY	450301
90124149	JOY	417356 <sup>2B</sup>	90124411	JOY	455014	901244278	JOY	471883	90124682	JOY	472397 <sup>2B</sup>
90124149	JOY	455188	901244110	JOY	470059	9012443	JOY	416107 <sup>2B</sup>	9012469	JOY	417344 <sup>2B</sup>
9012415	JOY	450070	901244110	JOY	470380 <sup>2B</sup>	9012443	JOY	455073	9012469	JOY	455006
9012415	JOY	472185 <sup>2B</sup>	901244112	JOY	450185	90124430	JOY	416921 <sup>2B</sup>	901247106	JOY	415995 <sup>2B</sup>
90124151	JOY	450316	901244112	JOY	473229	90124430	JOY	455011	901247106	JOY	455013
90124151	JOY	472636 <sup>2B</sup>	901244113	JOY	450185	90124433	JOY	415007	901247109	JOY	416011
90124152	JOY	415995 <sup>2B</sup>	901244113	JOY	473229	90124437	JOY	471138 <sup>2B</sup>	901247109	JOY	417621 <sup>2B</sup>
90124152	JOY	455013	90124412	JOY	456105	90124441	JOY	417507 <sup>2B</sup>	901247121	JOY	415034 <sup>2B</sup>
90124154	JOY	450069	901244120	JOY	450183	90124441	JOY	455513	901247121	JOY	455034
90124154	JOY	473232	901244120	JOY	472179	90124443	JOY	418028	901247162	JOY	55301S
90124157	JOY	416153 <sup>2B</sup>	901244121	JOY	450183	90124443	JOY	455137 <sup>2B</sup>	901247165	JOY	415645 <sup>2B</sup>
90124158	JOY	450085	901244121	JOY	472179	901244461	JOY	450494	901247165	JOY	455104
90124158	JOY	470530 <sup>2B</sup>	901244127	JOY	450117	901244461	JOY	472164 <sup>2B</sup>	901247177	JOY	416891 <sup>2B</sup>
9012416	JOY	450084 <sup>2B</sup>	901244127	JOY	472572 <sup>2B</sup>	9012447	JOY	415449 <sup>2B</sup>	901247179	JOY	450316
90124160	JOY	410737 <sup>2B</sup>	901244132	JOY	450389	9012447	JOY	455147	901247179	JOY	472636 <sup>2B</sup>
90124160	JOY	450737	901244132	JOY	472492 <sup>2B</sup>	90124476	JOY	473236 <sup>2B</sup>	901247187	JOY	416364 <sup>2B</sup>
90124161	JOY	470169	901244134	JOY	450301	90124485	JOY	50266	901247193	JOY	471567 <sup>2B</sup>
90124161	JOY	473214	901244134	JOY	472397 <sup>2B</sup>	90124489	JOY	470120	901247197	JOY	415138 <sup>2B</sup>
90124164	JOY	415379 <sup>2B</sup>	901244136	JOY	473463	90124489	JOY	471224 <sup>2B</sup>	90124731	JOY	471750 <sup>2B</sup>
90124164	JOY	455379	901244137	JOY	416738 <sup>2B</sup>	90124491	JOY	470120	901247413	JOY	470605 <sup>2B</sup>
90124165	JOY	416239 <sup>2B</sup>	901244137	JOY	450096	90124491	JOY	471224 <sup>2B</sup>	90124751	JOY	450316
90124166	JOY	417247 <sup>2B</sup>	901244140	JOY	450115	90124493	JOY	450444	90124751	JOY	472636 <sup>2B</sup>
9012417	JOY	415001 <sup>2B</sup>	901244140	JOY	473467	90124493	JOY	471835 <sup>2B</sup>	901248103	JOY	473450
9012417	JOY	455001	901244145	JOY	473243	90124497	JOY	470189	901248150	JOY	415138 <sup>2B</sup>
90124171	JOY	415991	901244149	JOY	410520	90124497	JOY	471692 <sup>2B</sup>	901248156	JOY	472560N <sup>2B</sup>
90124171	JOY	455146 <sup>2B</sup>	901244149	JOY	471272 <sup>2B</sup>	90124499	JOY	471785 <sup>2B</sup>	901248156	JOY	50151S
90124172	JOY	410102	901244153	JOY	411253 <sup>2B</sup>	901245121	JOY	450183	901248161	JOY	411394 <sup>2B</sup>
90124173	JOY	471571	901244153	JOY	450099	901245121	JOY	472179	901248161	JOY	450317
90124176	JOY	450115	901244154	JOY	412920 <sup>2B</sup>	901245208	JOY	415437	90124823	JOY	412119 <sup>2B</sup>
90124176	JOY	473467	901244154	JOY	450132	901246127	JOY	416891 <sup>2B</sup>	90124823	JOY	450101
90124177	JOY	413469 <sup>2B</sup>	901244155	JOY	455136	901246133	JOY	415138 <sup>2B</sup>	9012483	JOY	412119 <sup>2B</sup>
90124178	JOY	417171 <sup>2B</sup>	90124416	JOY	470163	901246236	JOY	410312N	9012483	JOY	450101
90124179	JOY	415021	90124416	JOY	471766 <sup>2B</sup>	901246253	JOY	471570 <sup>2B</sup>	90124860	JOY	410190
9012418	JOY	413469 <sup>2B</sup>	901244173	JOY	415449 <sup>2B</sup>	901246276	JOY	476470	90124861	JOY	471571
90124180	JOY	415988	901244173	JOY	455147	90124629	JOY	417344 <sup>2B</sup>	90124862	JOY	470712 <sup>2B</sup>
90124181	JOY	415023	901244181	JOY	417344 <sup>2B</sup>	90124629	JOY	455006	90124871	JOY	450094
90124182	JOY	473215 <sup>2B</sup>	901244181	JOY	455006	901246294	JOY	417596	90124871	JOY	473462
90124184	JOY	470064	901244182	JOY	417158 <sup>2B</sup>	90124630	JOY	416921 <sup>2B</sup>	90124873	JOY	470120
90124184	JOY	471821 <sup>2B</sup>	901244182	JOY	455355	90124630	JOY	455011	90124873	JOY	471224 <sup>2B</sup>
90124187	JOY	470074	901244189	JOY	417351 <sup>2B</sup>	90124631	JOY	471750 <sup>2B</sup>	90124876	JOY	417171 <sup>2B</sup>
90124187	JOY	474265	901244189	JOY	455154	901246314	JOY	416154 <sup>2B</sup>	90124880	JOY	481568 <sup>2B</sup>
90124189	JOY	472144 <sup>2B</sup>	901244191	JOY	417488 <sup>2B</sup>	90124632	JOY	40140S	90124899	JOY	450068
9012419	JOY	415027 <sup>2B</sup>	901244197	JOY	417490	901246323	JOY	456105	901288	O-M	203025
9012419	JOY	455027	901244200	JOY	455336	90124638	JOY	481163 <sup>2B</sup>	90129204	GMC	710762
90124191	JOY	473460	901244202	JOY	418028	90124640	JOY	472029	90129860	GMC	3543
90124194	JOY	472394	901244202	JOY	455137 <sup>2B</sup>	90124641	JOY	417507 <sup>2B</sup>	9013301025	MERCE	710467
90124196	JOY	416444	901244203	JOY	455018	90124641	JOY	455513	90136	WHITE	450066
90124197	JOY	411245 <sup>2B</sup>	901244203	JOY	476470	90124652	JOY	415995 <sup>2B</sup>	90136	WHITE	473367 <sup>2B</sup>
90124197	JOY	455096	901244213	JOY	417356 <sup>2B</sup>	90124652	JOY	455013	90136297	GMC	710824

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
90136849	GMC	710399	9014141	ESSIC	471692 <sup>28</sup>	9022496	GMC	474276 <sup>28</sup>	90310-26015	TOYOT	710153
9013LPD	JN-MN	450188	9014143	ESSIC	413247 <sup>28</sup>	9022745	EUCLD	470712 <sup>28</sup>	90310-26016	TOYOT	710153
9013LUP	JN-MN	450188	9014143	ESSIC	450350	9022745	GMC	470712 <sup>28</sup>	90310-26018	TOYOT	710153
9014	JN-MN	370030A	9014144	ESSIC	455195	9022945	GMC	476470	90310-26019	TOYOT	710153
90140	WHITE	470059	9014144	ESSIC	472157 <sup>28</sup>	90233235	GMC	710399	90310-26020	TOYOT	710153
90140	WHITE	470380 <sup>28</sup>	9014149	ESSIC	415498	90233235	OPEL	710399	90310-26023	TOYOT	710153
9014004	ESSIC	40169S	9014154	ESSIC	473460	90233236	GMC	228008	90310-28014	TOYOT	710325
9014005	ESSIC	471529	9014170	ESSIC	40494S	90233236	OPEL	228008	90310-28027	TOYOT	710325
9014007	ESSIC	471567 <sup>28</sup>	9014172	ESSIC	470954 <sup>28</sup>	90233238	GMC	710237	90310-28072	TOYOT	710325
9014015	ESSIC	450593 <sup>28</sup>	9014172	ESSIC	480954	90233238	OPEL	710237	90310-30035	TOYOT	1129
9014016	ESSIC	470328	9014173	ESSIC	365008	90233241	GMC	228008	90310-32010	TOYOT	223220
9014016	ESSIC	481213 <sup>28</sup>	9014179	ESSIC	473415	90233241	OPEL	228008	90310-32014	TOYOT	223220
9014017	ESSIC	470189	9014194	ESSIC	416297	9023500068	MERCE	710462	90310-32024	TOYOT	223220
9014017	ESSIC	471692 <sup>28</sup>	9014201	ESSIC	450154	9023693	GMC	340787	90310-34005	TOYOT	710416
9014023	ESSIC	41787S	9014201	ESSIC	473234	9024	JN-MN	370006A	90310-35001	TOYOT	710076
9014042	ESSIC	470358	9014211	ESSIC	415379 <sup>28</sup>	9025	JN-MN	370019A	90310-35002	TOYOT	710138
9014042	ESSIC	473231 <sup>28</sup>	9014211	ESSIC	455379	902618	EL-MO	416404 <sup>28</sup>	90310-35005	TOYOT	3771
9014043	ESSIC	470351	9014234	ESSIC	473215 <sup>28</sup>	9026194	GMC	240414	90310-35007	TOYOT	223535
9014043	ESSIC	471504 <sup>28</sup>	9014235	ESSIC	472299	902 678	OPEL	222820	90310-35010	TOYOT	3771
9014049	ESSIC	450117	9015	JN-MN	370023A	902700	CLAYE	471818	90310-35024	TOYOT	3771
9014049	ESSIC	472572 <sup>28</sup>	90156002	GMC	710824	902701	CLAYE	471763	90310-36001	TOYOT	710343
9014051	ESSIC	473426	90156004	GMC	710232	902704	CLAYE	471413 <sup>28</sup>	90310-36002	TOYOT	710343
9014053	ESSIC	470059	90156007	GMC	714436	902736	EL-PA	411376 <sup>28</sup>	90310-36004	TOYOT	710343
9014053	ESSIC	470380 <sup>28</sup>	90156007	OPEL	714436	902736	EL-PA	455093	90310-40002	TOYOT	710736
9014055	ESSIC	470120	90156855	GMC	710824	902.760	ELRNG	710894	90310-40003	TOYOT	224026
9014055	ESSIC	471224 <sup>28</sup>	90157102	GMC	710762	9028	JN-MN	370031A	90310-40005	TOYOT	710736
9014060	ESSIC	450441	9015S	TIMKE	9015S	90280462	GMC	710237	90310-48023	TOYOT	1188
9014060	ESSIC	471341 <sup>28</sup>	9016973	GMC	417603 <sup>28</sup>	90280462	OPEL	710237	90310-50001	TOYOT	710649
9014062	ESSIC	450143	9016987	GMC	415327	90 28 0462	SAAB	710237	90310-50002	TOYOT	710137
9014063	ESSIC	473460	901716	MINMA	415551	90280463	DAEWO	714436	90310-50004	TOYOT	710649
9014065	ESSIC	472179	90180500	GMC	710824	90280463	GMC	714436	90310-50005	TOYOT	710649
9014072	ESSIC	471689 <sup>28</sup>	90180501	OPEL	3771	90285291	GMC	714436	90310-50006	TOYOT	710649
9014073	ESSIC	470712 <sup>28</sup>	90180515	GMC	228008	90285291	OPEL	714436	90310-50032	TOYOT	1960
9014079	ESSIC	474278 <sup>28</sup>	90180515	OPEL	228008	90285291	SAAB	714436	90310-50039	TOYOT	710649
9014079	ESSIC	480356	90180517	GMC	710232	90288050	GMC	223010	90310-56001	TOYOT	710578
9014082	ESSIC	473227	90180529	GMC	714436	90288278	GMC	710616	90310-56002	TOYOT	710578
9014085	ESSIC	470548	90180529	OPEL	714436	90288278	OPEL	710616	90310-58001	TOYOT	710136
9014085	ESSIC	470625 <sup>28</sup>	90180529	SAAB	714436	90288278	SAAB	710616	90310-58002	TOYOT	710575
9014091	ESSIC	417316 <sup>28</sup>	90182165	GMC	710616	9028LPD	JN-MN	471750 <sup>28</sup>	90310-58003	TOYOT	225875
9014091	ESSIC	455004	90182165	OPEL	710616	9028LUP	JN-MN	471750 <sup>28</sup>	90310-58004	TOYOT	225875
9014095	ESSIC	417350 <sup>28</sup>	90182165	SAAB	710616	9029	JN-MN	370003A	90310-63001	TOYOT	710576
9014095	ESSIC	455479	90182166	GMC	3543	90292186	BUC-E	471570 <sup>28</sup>	90310-A0004	TOYOT	710576
9014098	ESSIC	343185	90182169	GMC	710762	90296997	OPEL	710719	90310-T0006	TOYOT	710649
9014099	ESSIC	240816	90183572	DAEWO	710824	90298205	GMC	710613	90311-08002	TOYOT	220818
90141	WHITE	470059	90183572	GMC	710824	90298390	GMC	714436	90311-08044	TOYOT	220818
90141	WHITE	470380 <sup>28</sup>	9018594	GMC	417020	90298390	SAAB	714436	90311-12002	TOYOT	221207
9014102	ESSIC	450298	9019LUP	JN-MN	415077 <sup>29</sup>	90298408	GMC	710237	90311-15001	TOYOT	221510
9014102	ESSIC	473239	901T2	WHITE	473215 <sup>28</sup>	9029970146	MERCE	710468	90311-15002	TOYOT	221510
9014107	ESSIC	6283S	901VB7	MARI	415090	9029970246	MERCE	710468	90311-15008	TOYOT	221510
9014109	ESSIC	5924	90208-PG9-211	HONDA	1036	902T2	DIA	471570 <sup>28</sup>	90311-16001	TOYOT	221620
9014117	ESSIC	470954 <sup>28</sup>	9020LPD	JN-MN	473242 <sup>29</sup>	902T2	WHITE	471570 <sup>28</sup>	90311-17007	TOYOT	710251
9014117	ESSIC	480954	9020LUP	JN-MN	473242	903	CALI	415991	90311-18007	TOYOT	710156
9014119	ESSIC	417350 <sup>28</sup>	9021054	CHRYL	224052	903	CALI	455146 <sup>28</sup>	90311-18008	TOYOT	710156
9014119	ESSIC	455479	902146	EL-MO	471567 <sup>28</sup>	90303-38010	TOYOT	223840	90311-18015	TOYOT	710412
9014120	ESSIC	471192	90217466	GMC	223010	90304R91	IH	450143	90311-18021	TOYOT	710156
9014123	ESSIC	473215 <sup>28</sup>	9021835	GMC	412473 <sup>28</sup>	9030LUP	JN-MN	417608	90311-19001	TOYOT	221922
9014128	ESSIC	450185	9021835	GMC	415894	90310-16001	TOYOT	710679	90311-19005	TOYOT	19X32X8
9014128	ESSIC	473229	90222045	GMC	710057	90310-20026	TOYOT	222025 <sup>28</sup>	90311-19007	TOYOT	710154
9014131	ESSIC	473215 <sup>28</sup>	902231	EL-MO	417262 <sup>28</sup>	90310-26008	TOYOT	710153	90311-19008	TOYOT	710154
9014141	ESSIC	470189	902231	EL-MO	455448	90310-26011	TOYOT	710153	90311-19144	TOYOT	221922

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference







# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
90311-85010	TOYOT	710765	90311-A0018	TOYOT	710711	90316-83001	TOYOT	710626	9042LUP	JN-MN	455165 <sup>28</sup>
90311-85046	TOYOT	710765	90311-A0020	TOYOT	710871	90316-A0001	TOYOT	710573	9043356	GMC	6703S
90311-85106	TOYOT	710765	90311-A0026	TOYOT	330385	90316-A0002	TOYOT	710626	9043381	GMC	450183
90311-88001	TOYOT	710188	90311-A0027	TOYOT	229210	90316-T0002	TOYOT	710573	9043381	GMC	472179
90311-88003	TOYOT	710188	90311-A0029	TOYOT	712551	9032	JN-MN	370036A	9043451	EUCLD	352541
90311-88005	TOYOT	710188	90311-A0031	TOYOT	710689	903220	EL-PA	450085	9043451	GMC	352541
90311-88006	TOYOT	710188	90311-C0001	TOYOT	710189	903220	EL-PA	470530 <sup>28</sup>	9043LPD	JN-MN	450301
90311-89001	TOYOT	710189	90311-C0007	TOYOT	710707	90322669	GMC	710613	9043LPD	JN-MN	472397 <sup>28</sup>
90311-89002	TOYOT	710189	90311-C0009	TOYOT	320603	90322669	OPEL	710613	9043LUP	JN-MN	450301
90311-89003	TOYOT	710189	90311-T0002	TOYOT	710707	90322669	SAAB	710613	9043LUP	JN-MN	472397 <sup>28</sup>
90311-89005	TOYOT	710871	90311-T0013	TOYOT	710697	90325571	GMC	228008	9044336	GMC	480210 <sup>28</sup>
90311-89006	TOYOT	710871	90311-T0015	TOYOT	710596	90325572	GMC	710237	9044396	GMC	471442 <sup>28</sup>
90311-89007	TOYOT	710189	90311-T0016	TOYOT	710595	90325572	OPEL	710237	904483	BADGE	471795
90311-89010	TOYOT	710189	90311-T0019	TOYOT	710689	90 32 5572	SAAB	710237	904485	BADGE	471831 <sup>28</sup>
90311-89013	TOYOT	710871	90311-T0024	TOYOT	223801	9032982	GMC	472439	9044LUP	JN-MN	417541
90311-89015	TOYOT	710871	90311-T0024	TOYOT	710711	903341	EL-MO	416556 <sup>28</sup>	9045LPD	JN-MN	415995 <sup>28</sup>
90311-90002	TOYOT	229010	90311-T0025	TOYOT	710644	903341	EL-MO	472157	9045LPD	JN-MN	455013
90311-90003	TOYOT	229010	90311-T0028	TOYOT	710159	903342	EL-MO	417262 <sup>28</sup>	9045LUP	JN-MN	415995 <sup>28</sup>
90311-90005	TOYOT	229010	90311-T0029	TOYOT	710689	903342	EL-MO	455448	9045LUP	JN-MN	455013
90311-90006	TOYOT	229005	90311-T0031	TOYOT	2025	903379C1	SOLAR	471571	9046018	GMC	415234 <sup>28</sup>
90311-90008	TOYOT	229010	90311-T0032	TOYOT	710644	90342143	GMC	3543	9046020	GMC	450316
90311-92001	TOYOT	229210	90311-T0035	TOYOT	710595	903457	EL-PA	416271 <sup>28</sup>	9046020	GMC	472636 <sup>28</sup>
90311-92003	TOYOT	229210	90311-T0037	TOYOT	710596	90348718	GMC	221207	9046310	SPICE	418028
90311-92004	TOYOT	229210	90311-T0070	TOYOT	710114	90348749	GMC	223830	9046310	SPICE	455137 <sup>28</sup>
90311-92005	TOYOT	229210	90311-T0071	TOYOT	710159	90348749	OPEL	223830	9046315	SPICE	415991
90311-92006	TOYOT	229210	90311-W0003	TOYOT	710110	90352111	GMC	228008	9046315	SPICE	455146 <sup>28</sup>
90311-92007	TOYOT	229210	90311-W0004	TOYOT	710109	90352111	OPEL	228008	9046316	SPICE	415035 <sup>28</sup>
90311-92008	TOYOT	229210	90311-W0011	TOYOT	710707	90352112	GMC	228008	9046316	SPICE	455035
90311-92009	TOYOT	229210	90311-W0012	TOYOT	710711	90352112	OPEL	228008	904633	SPICE	417344 <sup>28</sup>
90311-92010	TOYOT	229210	90312-23001	TOYOT	710254	90354378	GMC	710237	904633	SPICE	455006
90311-95001	TOYOT	4359V	90312-35002	TOYOT	710178	90354378	OPEL	710237	904634	SPICE	412473 <sup>28</sup>
90311-95002	TOYOT	4359V	90312-36001	TOYOT	224015	90 35 4378	SAAB	710237	904634	SPICE	415894
90311-95003	TOYOT	4359V	90312-40011	TOYOT	224015	9035878	EUCLD	415164N	904635	SPICE	415449 <sup>28</sup>
90311-95006	TOYOT	710352	90312-48001	TOYOT	1188	9035878	GMC	415164N	904635	SPICE	455147
90311-95007	TOYOT	710352	903125	BADGE	470380 <sup>28</sup>	9036762	GMC	473215 <sup>28</sup>	904636	SPICE	418028
90311-95012	TOYOT	710352	90312-87001	TOYOT	710569	9036763	GMC	413247 <sup>28</sup>	904636	SPICE	455137 <sup>28</sup>
90311-95013	TOYOT	710352	90312-95001	TOYOT	710571	9036763	GMC	450350	904637	SPICE	412473 <sup>28</sup>
90311-95091	DAIHA	4359V	90312-96001	TOYOT	710477	9036866	GMC	9773	904637	SPICE	415894
90311-99001	TOYOT	231004	90312-A0002	TOYOT	710569	90373554	GMC	3667	904638	SPICE	471267 <sup>28</sup>
90311-99002	TOYOT	231004	90312-T0002	TOYOT	710178	90373554	OPEL	3667	904639	SPICE	450361
90311-99002-71	TOYOT	231004	90312-T0004	TOYOT	710254	9037454	GMC	450365	904639	SPICE	472193 <sup>28</sup>
90311-99003	TOYOT	231004	90313-48001	TOYOT	1956	9037454	GMC	470898	90486078	ACDEL	710616
90311-99006	TOYOT	710526	90313-48002	TOYOT	1956	9037547	GMC	417040	90486078	GMC	710616
90311-99009	TOYOT	710526	90313-48005	TOYOT	1956	9037591	GMC	471344	9048LPD	JN-MN	415327 <sup>29</sup>
90311-99010	TOYOT	710639	90313-54001	TOYOT	710574	90 3839 T1	CASE	370175A	9048LUP	JN-MN	415327
90311-99065	TOYOT	231004	90313-62001	TOYOT	710635	90386	CHRYSLER	410308 <sup>28</sup>	9049000	GMC	471466 <sup>28</sup>
90311-A0001	TOYOT	710615	90313-92001	TOYOT	710266	904	UNIVE	415219	904921C1	SOLAR	471407
90311-A0002	TOYOT	710352	90313-93002	TOYOT	710266	9040164	GMC	416654 <sup>28</sup>	904922C1	SOLAR	471413 <sup>28</sup>
90311-A0003	TOYOT	710572	90313-T0001	TOYOT	710574	9040164	GMC	455012	9049N	TIMKE	9049N
90311-A0004	TOYOT	710554	90316-28003	TOYOT	710821	904021	LETN	415483 <sup>28</sup>	904G	OSHKO	416476 <sup>28</sup>
90311-A0005	TOYOT	2025	90316-34001	TOYOT	710987	904021	LETN	455368	904G	OSHKO	455075
90311-A0006	TOYOT	710639	90316-37001	TOYOT	710735	904097	BADGE	473228 <sup>28</sup>	90501719	GMC	710399
90311-A0007	TOYOT	710735	90316-37001	TOYOT	710807	9041LPD	JN-MN	450067	90501720	GMC	710824
90311-A0008	TOYOT	710734	90316-40002	TOYOT	710736	9041LPD	JN-MN	473228	90501721	OPEL	3771
90311-A0010	TOYOT	710929	90316-40003	TOYOT	710736	9041LUP	JN-MN	450067	9050644	GMC	416273 <sup>28</sup>
90311-A0011	TOYOT	710732	90316-40004	TOYOT	710736	9041LUP	JN-MN	473228	9050712	GMC	450085
90311-A0012	TOYOT	712551	90316-52001	TOYOT	710527	9042321	GMC	475384	9050712	GMC	470530 <sup>28</sup>
90311-A0013	TOYOT	710707	90316-61001	TOYOT	710528	9042LPD	JN-MN	417191	9050715	GMC	450085
90311-A0014	TOYOT	710711	90316-69001	TOYOT	710570	9042LPD	JN-MN	455165 <sup>28</sup>	9050715	GMC	470530 <sup>28</sup>
90311-A0016	TOYOT	710871	90316-72001	TOYOT	710573	9042LUP	JN-MN	417191	90511282	GMC	221610

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
90511282	SAAB	221610	90639-0005	SUBAR	710228	90870	CROWN	6668S	90X120X12	TIMKE	90X120X12
905152	STUDE	471442 <sup>28</sup>	9064421	GMC	710041	9089	OLIVE	450076	90X120X12SC	TRSCM	90X120X12
90516AB	CASE	473475	90648	DIVCO	470074	9089	OLIVE	470334 <sup>28</sup>	90X120X12TC	TRSCM	90X120X12
9051749	EUCLD	410102	90648	DIVCO	474265	9092LPD	JN-MN	416288 <sup>28</sup>	90X12507XX	TIMKE	90X125X7
9051749	GMC	410102	906486	EL-MO	415389	9092LUP	JN-MN	416288 <sup>28</sup>	91001	KELSE	442109
9051869	GMC	473458	906489	EL-MO	417171 <sup>28</sup>	90940	WHITE	5751	91001R91	IH	417316 <sup>28</sup>
9051994	GMC	415021	90649	DIVCO	450094	909442	STUDE	415995 <sup>28</sup>	91002	KELSE	442251
9052155	WHITE	370001A	90649	DIVCO	473462	909442	STUDE	455013	91002R91	IH	417316 <sup>28</sup>
9052155	WHITE	380001A	906501	GW	471231 <sup>28</sup>	9-09724003-0	ISUZU	474133	91007	KELSE	417172
905215S	WHITE	370001A	90655	DIVCO	412119 <sup>28</sup>	9-09724-003-1	ISUZU	474133	9100801	KELSE	370018A
905215S	WHITE	380001A	90655	DIVCO	450101	9097240040	ISUZU	1987	9101191	GMC	416239 <sup>28</sup>
9052358	GMC	415379	90656	DIVCO	473245 <sup>28</sup>	9-09724-010-0	ISUZU	710268	91023	FRUEH	370014A
9052413	GMC	455556	9065LUP	JN-MN	472954	9-09724-011-0	ISUZU	710268	9102553	GMC	417298
9052824	GMC	712937	9068	C-R	222340	9-09724-018-0	ISUZU	710080	91030	HAYES	370352A
905301	AVCO	450352	9068	SKF	222340	9-09724-019-0	ISUZU	710081	91030-N	HAYES	370352A
905301	AVCO	472164 <sup>28</sup>	907017C1	IH	471647	9-09724022-0	ISUZU	225230	91036	CATER	340495
9053715	GMC	416282	907273	WILYS	450441	9-09724-022-1	ISUZU	225230	91036	TMTR	340495
9053962	GMC	370043A	907273	WILYS	471341 <sup>28</sup>	9-09724-023-0	ISUZU	710373	9103939	GMC	417555 <sup>28</sup>
905476C1	SOLAR	472179	90730	CROWN	416271 <sup>28</sup>	9-09724-023-1	ISUZU	710373	9105070	GMC	417602 <sup>28</sup>
9054800	GMC	412871 <sup>28</sup>	907390	WILYS	450588 <sup>28</sup>	9-09724-033-0	ISUZU	1990	910672	STUDE	55419
9054800	GMC	450329	9074R	JN-MN	415449 <sup>28</sup>	9-09724-063-0	ISUZU	473812	9108767	EUCLD	473236 <sup>28</sup>
905530C1	IH	471267 <sup>28</sup>	9074R	JN-MN	455147	9-09724064-0	ISUZU	473179 <sup>28</sup>	9108767	GMC	473236 <sup>28</sup>
90555	C-R	230X260X15	9076436	GMC	474278 <sup>28</sup>	909924-1490	ISUZU	1949	910984C1	SOLAR	453165
90555	SKF	230X260X15	9076436	GMC	480356	909924-2090	ISUZU	25X45X8	910984C1	SOLAR	471619 <sup>28</sup>
90562	WHITE	450066	907653	WILYS	350414	9-09924-261-0	ISUZU	223240	911035	C-W	450291
90562	WHITE	473367 <sup>28</sup>	907653	WILYS	472311 <sup>28</sup>	9-09924-290-0	ISUZU	710278	911035	C-W	471141 <sup>28</sup>
90563	WHITE	450118	9076LPD	JN-MN	471984	9-09924-296-0	ISUZU	225020	911035	WOOL	450291
90563	WHITE	473449	9076LUP	JN-MN	471984	9-09924-303-0	ISUZU	1209	911035	WOOL	471141 <sup>28</sup>
9056LPD	JN-MN	451857	9077LPD	JN-MN	472185 <sup>28</sup>	9-09924-327-0	ISUZU	227045	911045	LETN	450352
9056LUP	JN-MN	451857	9077LUP	JN-MN	472185 <sup>28</sup>	9-09924-328-0	ISUZU	227045	911045	LETN	472164 <sup>28</sup>
90570182	GMC	224200	9078	EATON	471820	909924-3590	ISUZU	222743	911046	LETN	472018
90570183	GMC	224200	9078	TRUK	471820	9-09924-415-0	ISUZU	710278	911047	LETN	415281N
90571925	GMC	224200	90788	WHITE	416294 <sup>28</sup>	9-09924-416-0	ISUZU	710278	9110516	GMC	415379 <sup>28</sup>
90571925	OPEL	224200	9078B	EATON	412871 <sup>28</sup>	9-09924-417-0	ISUZU	710278	9110516	GMC	455379
90 57 1925	SAAB	224200	9078B	EATON	450329	9-09924-418-0	ISUZU	710278	9110569	GMC	415836
90574	WHITE	450067	9078B	TRUK	412871 <sup>28</sup>	9-09924-420-0	ISUZU	1987	9110569	GMC	415995 <sup>28</sup>
90574	WHITE	473228	9078B	TRUK	450329	9-09924-448-0	ISUZU	225020	9110978	GMC	415137 <sup>28</sup>
905931	BADGE	472185 <sup>28</sup>	9078C	TRUK	412871 <sup>28</sup>	9-09924-449-0	ISUZU	228480	9110978	GMC	418028
906006	LETN	415458 <sup>28</sup>	9078C	TRUK	450329	9-09924-449-0	VILA	228480	9110998	GMC	455584
906006	LETN	455003	9079A	EATON	410520	9099244491	ISUZU	228480	911105	LETN	415281N
90601H	IH	340413	9079A	EATON	471272 <sup>28</sup>	9-09924-453-0	ISUZU	710277	9111307	GMC	410496 <sup>28</sup>
906026	LETN	472164 <sup>28</sup>	9079A	TRUK	410520	9-09924-468-0	ISUZU	710277	9111838	GMC	415938
906027	LETN	450352	9079A	TRUK	471272 <sup>28</sup>	9-09924-468-1	ISUZU	710277	9111936	GMC	415551
906027	LETN	472164 <sup>28</sup>	908	UNIVE	417606	9-09924-470-0	ISUZU	710277	911216	AMC	410308 <sup>28</sup>
906034C1	SOLAR	470380 <sup>28</sup>	9080	DICO	204027	9-09924-470-1	ISUZU	710227	911216	AMC	450308
906035	LETN	417171 <sup>28</sup>	908000002478	MERIX	471466 <sup>28</sup>	9-09924-499-0	ISUZU	710277	911216	WILYS	410308 <sup>28</sup>
906207	STUDE	411253 <sup>28</sup>	908000002478	ROCKW	471466 <sup>28</sup>	9-09924-506-0	ISUZU	227045	911216	WILYS	450308
906207	STUDE	450099	90803-31021	TOYOT	710765	909924-5160	ISUZU	1174	9112463	GMC	471750 <sup>28</sup>
90623	EATON	712937	90803-31022	TOYOT	2025	9-09924-550-0	ISUZU	227045	9113	ALLCH	472560N <sup>28</sup>
906250014	SUBAR	54X72X10	9080LPD	JN-MN	472354 <sup>28</sup>	9-09924-558-0	ISUZU	227045	9113	ALLCH	50151S
28			9080LPD	JN-MN	50395S	9-09924-561-0	ISUZU	224020	9113	TRAC	472560N <sup>28</sup>
90625-0015	SUBAR	225230	9080LUP	JN-MN	472354 <sup>28</sup>	9-09924-562-0	ISUZU	710084	9113	TRAC	50151S
90625-0018	SUBAR	710230	9080LUP	JN-MN	50395S	90RU-21-P2	MACK	370020A	9113848	GMC	416394
90625-0020	SUBAR	710463	908109	STUDE	450316	90X11012XX	TIMKE	90X110X12	9113LPD	JN-MN	471529
90626	FI-CO	473228 <sup>28</sup>	908109	STUDE	472636 <sup>28</sup>	90X110X12	TIMKE	90X110X12	9113LUP	JN-MN	471529
9062821	GMC	710013	908112	MICH	415219 <sup>29</sup>	90X110X12SC	TRSCM	90X110X12	9113N	NATL	415281N
9063043	GMC	417352	9081125	UNIVE	415219 <sup>29</sup>	90X110X12TC	TRSCM	90X110X12	91143317	VOLVO	4941V
9063043	GMC	418028	90842	WHITE	415001 <sup>28</sup>	90X11512XX	TIMKE	90X115X12	911447R91	IH	473463
9063044	GMC	415991	90842	WHITE	455001	90X115X12	TIMKE	90X115X12	911448R91	IH	350954
9063044	GMC	455146 <sup>28</sup>	908601	EL-MO	417603 <sup>28</sup>	90X12012XX	TIMKE	90X120X12	911448R91	IH	470954 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference





# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
91212-RCA-A02	HONDA	711181	91214-PH1-661	ACURA	228015	91250SB0023	HONDA	1936	912561	FALKC	455079 <sup>28</sup>
91212-RCA-AA0	HONDA	711181	91214-PH1-661	HONDA	228015	91250-SB0-025	HONDA	1936	912562	FALKC	410102
91212-RNA-A01	HONDA	710608	91214-PH3-751	HONDA	228015	91251-692-003	HONDA	1943	912573	FALKC	416313
91212-RTA-003	HONDA	710608	91214-PH7-003	HONDA	228008	91251-692-005	HONDA	1943	9125880	GMC	417262 <sup>28</sup>
91213-P2F-A01	HONDA	320595	91214-PH7-004	HONDA	228008	91251-692-006	HONDA	1943	9125880	GMC	455448
91213-P6A-A01	HONDA	710451	91214-PH7-013	HONDA	228008	91251-692-013	HONDA	1943	912596	FALKC	417191
91213-P8A-A00	HONDA	710451	91214-PHM-003	HONDA	710610	91251-692-015	HONDA	1943	912596	FALKC	455165 <sup>28</sup>
91213-P8A-A01	HONDA	710451	91214-PHM-013	HONDA	710610	91251-SA5-003	HONDA	710337	912599	FALKC	470328
91213-PC6-000	HONDA	320595	91214-PL2-003	HONDA	228008	91251-SA5-005	HONDA	710337	912599	FALKC	481213 <sup>28</sup>
91213-PC6-003	HONDA	320595	91214-PL2-004	HONDA	228008	91251-SB0-003	HONDA	710148	912603	FALKC	471652
91213-PC6-004	HONDA	320595	91214-PL2-004	HONDA	228008	91251-SB0-005	HONDA	710148	912603	MIX	471652
91213-PD2-004	HONDA	320595	91214-PLZ-D00	HONDA	710613	91251-SB0-013	HONDA	710148	91260-SD9-003	HONDA	710147
91213-PD6-000	HONDA	320595	91214-PMV-T01	HONDA	228015	91251-SB0-015	HONDA	710148	91260-SD9-004	HONDA	710147
91213-PE1-721	HONDA	320595	91214-PNA-014	HONDA	228008	91252-500-000	HONDA	223542	91260-SD9-013	HONDA	710147
91213-PE1-722	HONDA	320595	91214-PR4-A00	HONDA	228015	91252-634-003	HONDA	1953	91260-SD9-014	HONDA	710147
91213-PH1-003	HONDA	320595	91214-PR4-A01	HONDA	228015	91252-634-005	HONDA	1953	91260-SD9-023	HONDA	710147
91213-PH1-004	HONDA	320595	91214PT0004	HONDA	228015	91252-692-003	HONDA	494117	91260-SL0-004	HONDA	710160
91213-PH1-013	HONDA	320595	91214-PWA-003	HONDA	228008	91252-692-005	HONDA	494117	91260-SL5-003	ACURA	710301
91213-PH7-000	HONDA	713771	91214-PWA-Y01	HONDA	228008	91252-692-083	HONDA	494117	91260-SL5-003	HONDA	710301
91213-PH7-003	HONDA	710329	91214-PX3-003	HONDA	228008	91252-692-930	HONDA	710097	91260-SL5-004	ACURA	710301
91213-PH7-004	HONDA	710329	91214-PY3-003	HONDA	228008	91252-692-931	HONDA	710097	91260-SL5-005	ACURA	710301
91213-PH7-013	HONDA	710329	91214-R11-A01	HONDA	228008	91252-SB2-013	HONDA	473367	91260-SL5-005	HONDA	710301
91213-PL2-003	HONDA	710329	91214-R70-A01	HONDA	710614	91252-SB2-014	HONDA	473367	91260-SL5-N01	HONDA	710301
91213-PR3-003	HONDA	710460	91214-R9P-A01	HONDA	710614	91252-SC2-013	HONDA	224210	91260-SR3-003	HONDA	710300
91213-PR3-004	HONDA	710460	91214-RB0-003	HONDA	228008	91252-SC2-015	HONDA	224210	91260-SR3-004	HONDA	710300
91213-PR3-013	HONDA	710460	91214-RBB-003	HONDA	710614	91253-663-013	HONDA	224250	91260-SR3-004	ISUZU	710300
91213-PR7-A01	HONDA	710460	91214-RCA-A01	HONDA	710614	912540	FALKC	470064	912628	FALKC	450361
91213-PT0-003	HONDA	712008	91214-RE0-H01	HONDA	228008	912540	FALKC	471821 <sup>28</sup>	912628	FALKC	472193 <sup>28</sup>
91213-PT0-004	HONDA	712008	91214-RKG-003	HONDA	710614	912540	MIX	470064	91262-MA0-040	HONDA	221510
91213-PT0-014	HONDA	712008	91214-RNB-A01	HONDA	228008	912540	MIX	471821 <sup>28</sup>	91262-MA1-000	HONDA	221510
91213-PY3-003	HONDA	710730	91214-RTA-004	HONDA	228008	912541	FALKC	50266	91262-SD9-003	HONDA	710292
91213-PY3-004	HONDA	710730	91214-RZA-004	HONDA	228008	912541	MIX	50266	91262-SD9-004	HONDA	710292
91213-R70-A01	HONDA	710451	91214-RZY-A01á	HONDA	228008	912542	MIX	413247 <sup>28</sup>	91262-SE0-000	HONDA	710161
91213-R70-A02	HONDA	710451	91215-PG2-005	HONDA	221607	912542	MIX	450350	91262-SE0-003	HONDA	710161
91213-R9P-A01	HONDA	710451	91215-PHR-003	HONDA	221820	912543	FALKC	417159	91262-SE0-004	HONDA	710161
91213-RCA-A01	HONDA	710451	91215-PK5-000	HONDA	221607	912543	MIX	417159	91262-SH3-000	HONDA	710159
91213-RKG-003	HONDA	710451	91215-PR8-005	HONDA	710299	912544	FALKC	415498	91262-SH3-003	HONDA	710159
91213-RP6-A01	HONDA	710451	91216-689-003	HONDA	222540	912544	MIX	415498	91262-SL5-003	ACURA	710287
9121414	GMC	455018	91216-689-005	HONDA	222540	912545	FALKC	455037	91262-SL5-003	HONDA	710287
9121414	GMC	476470	91216PC8003	HONDA	222742 <sup>30</sup>	912545	MIX	455037	91262-SL5-004	ACURA	710287
91214-5A2-A01	HONDA	228008	91216PC8005	HONDA	222742 <sup>30</sup>	912546	FALKC	415138 <sup>28</sup>	91262-SL5-004	HONDA	710287
91214-P2F-A01	HONDA	228015	91216-PG1-003	HONDA	710157	912546	MIX	415138 <sup>28</sup>	91262-SP0-003	ACURA	1180
91214-P5A-A01	HONDA	228008	91216-PG1-005	HONDA	710157	912547	FALKC	416107 <sup>28</sup>	91262-SP0-003	HONDA	1180
91214-P6A-A01	HONDA	228008	91216-PH8-003	HONDA	222830	912547	FALKC	455073	91262-SP0-004	ACURA	1180
91214-P7A-004	HONDA	228009	91216-PH8-005	HONDA	222830	912547	MIX	416107 <sup>28</sup>	91262-SP0-004	HONDA	1180
91214-P8A-A01	HONDA	228015	91216-PHR-003	HONDA	710816	912547	MIX	455073	912677	FALKC	416229
91214-PAA-A01	HONDA	228009	91216-PL3-003	HONDA	710399	912548	FALKC	417210 <sup>28</sup>	912682	FALKC	471801 <sup>28</sup>
91214-PAA-A02	HONDA	228015	91216-PL3-005	HONDA	710399	912549	FALKC	417606	912713R91	IH	6808N
91214-PC6-003	HONDA	228015	91216-PL6-003	HONDA	222028	912550	FALKC	415077	912735	FALKC	415219
91214-PC6-013	HONDA	228015	91216-PMZ-D40	HONDA	222835	912551	FALKC	416229	912741	FALKC	415991 <sup>28</sup>
91214-PC7-003	HONDA	228015	91216-PR8-005	ACURA	223235	91255-273-000	HONDA	1172	912741	FALKC	415991N
91214-PCX-003	HONDA	228008	91220-PLZ-D00	HONDA	710308	912553	FALKC	415219	912748	FALKC	471419
91214-PD2-004	HONDA	228015	91233-PT0-003	HONDA	712009	912554	FALKC	417604	912748	FALKC	473367 <sup>28</sup>
91214-PE1-003	HONDA	228015	912399	WILYS	340797	912557	FALKC	471138 <sup>28</sup>	912749	FALKC	470351
91214-PE1-721	HONDA	228015	91249-P02-003	HONDA	221820	912558	FALKC	417350 <sup>28</sup>	912757	FALKC	417316 <sup>28</sup>
91214-PH1-003	HONDA	228015	91249-P0A-003	HONDA	221820	912558	FALKC	455479	912758	FALKC	415995 <sup>28</sup>
91214-PH1-004	HONDA	228015	91249-PGM-003	HONDA	221820	912559	FALKC	415234 <sup>28</sup>	912760	FALKC	415035
91214-PH1-013	ACURA	228015	91249-PY3-003	HONDA	221820	91255-SL0-000	HONDA	710293	912760	FALKC	475845 <sup>28</sup>
91214-PH1-013	HONDA	228015	91250-SB0-013	HONDA	1936	912560	FALKC	450082	912761	FALKC	416888 <sup>28</sup>
91214-PH1-660	HONDA	228015	91250SB0015	HONDA	1936	912560	FALKC	473238	912763	FALKC	416107 <sup>28</sup>

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>30</sup>F-M Number Is Part Of A Kit



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
912776	FALCK	412473 <sup>2B</sup>	914035	ESSIC	470059	915264	WILYS	415991	917032	WILYS	240816
912776	FALCK	415894	914035	ESSIC	470380 <sup>2B</sup>	915264	WILYS	455146 <sup>2B</sup>	9170LPD	JN-MN	416888 <sup>2B</sup>
912782	FALCK	416666	914043	ESSIC	470351	915264X	WILYS	415991	9170LPD	JN-MN	455200
912791	FALCK	416556 <sup>2B</sup>	914043	ESSIC	471504 <sup>2B</sup>	915264X	WILYS	455146 <sup>2B</sup>	9170LUP	JN-MN	416888 <sup>2B</sup>
912791	FALCK	472157	914049	ESSIC	450117	9152781	GMC	415991 <sup>2B</sup>	9170LUP	JN-MN	455200
912794	FALCK	413247 <sup>2B</sup>	914049	ESSIC	472572 <sup>2B</sup>	9152781	GMC	415991N	9171LPD	JN-MN	471887
912795	FALCK	415498	914060	ESSIC	471341 <sup>2B</sup>	9152LPD	JN-MN	471564	9171LUP	JN-MN	471887
912796	FALCK	415150 <sup>2B</sup>	914099	ESSIC	240816	9152LUP	JN-MN	471564	91 73 576	SAAB	331227H
912810	FALCK	411245 <sup>2B</sup>	9141	HYST	450084 <sup>2B</sup>	9153174	GMC	455584	91 73 576	SAAB	710580
912811	FALCK	455186	914154	ESSIC	473460	9153476	GMC	343185	91 74 202	SAAB	3772
912818	FALCK	416888 <sup>2B</sup>	914167	CHRYL	473457 <sup>2B</sup>	9153486	GMC	473215 <sup>2B</sup>	9175902	SAAB	3772
912818	FALCK	455200	9142002	GMC	416077	9153892580	MERCE	223230	9175976	GMC	415995 <sup>2B</sup>
912820	FALCK	476470	914201	ESSIC	450154	9153892580	RENAU	223230	9175976	GMC	455013
912822	FALCK	415379 <sup>2B</sup>	914201	ESSIC	473234	915497	CHRYL	416273 <sup>2B</sup>	9178S	TIMKE	9178S
912822	FALCK	455379	914207	ESSIC	472041	915499	CHRYL	417485	91807XX	TIMKE	9X18X7
912823	FALCK	416107 <sup>2B</sup>	914207	ESSIC	473454	915561	CHRYL	6835S	918083	WILYS	472015 <sup>2B</sup>
912823	FALCK	455073	914209	ESSIC	471765 <sup>2B</sup>	9156004	GMC	416921 <sup>2B</sup>	9180LPD	JN-MN	450177 <sup>29</sup>
912824	FALCK	416865 <sup>2B</sup>	914234	ESSIC	473215 <sup>2B</sup>	9156004	GMC	455011	9180LUP	JN-MN	450177
912824	FALCK	455070	914235	ESSIC	472299	9156020	GMC	473243	9181LUP	JN-MN	3395 <sup>2B</sup>
912826	FALCK	472397 <sup>2B</sup>	914281	ESSIC	417354 <sup>2B</sup>	915664	WILYS	2064	9182LPD	JN-MN	415995 <sup>2B</sup>
912827	FALCK	417603 <sup>2B</sup>	9143287	VOLVO	4941V	9158953	GMC	40401	9182LPD	JN-MN	455013
912828	FALCK	415871	9143287-0	VOLVO	4941V	91595110	CITRO	229005	9182LUP	JN-MN	415995 <sup>2B</sup>
912829	FALCK	415836	9143287-2	VOLVO	4941V	9159LPD	JN-MN	417273	9182LUP	JN-MN	455013
912829	FALCK	415995 <sup>2B</sup>	9143317	VOLVO	4941V	9159LUP	JN-MN	417273	9183971	VOLVO	710728
912830	FALCK	415991 <sup>2B</sup>	9143317-7	VOLVO	4941V	9160997	GMC	417343 <sup>2B</sup>	918405	AMC	415960
912830	FALCK	415991N	9143885	VOLVO	713087	9161	TIMKE	9161	918405	WILYS	415960 <sup>2B</sup>
912831	FALCK	417254	9143885-3	VOLVO	713087	916115	MICH	417606	918405	WILYS	455009
912832	FALCK	415294 <sup>2B</sup>	9143911	VOLVO	710794	9161150	UNIVE	417606	918579C1	SOLAR	472397 <sup>2B</sup>
912832	FALCK	455294	9143911-7	VOLVO	710794	9161942	GMC	416921 <sup>2B</sup>	9186LUP	JN-MN	471647
912833	FALCK	416239 <sup>2B</sup>	9144LPD	JN-MN	413247 <sup>2B</sup>	9161942	GMC	455011	91870273	SOLAR	471413 <sup>2B</sup>
912834	FALCK	455121	9144LPD	JN-MN	450350	916380	WILYS	40652S	918702C1	SOLAR	471413 <sup>2B</sup>
912839	FALCK	417600	9144LUP	JN-MN	413247 <sup>2B</sup>	916401	CABOT	415294 <sup>2B</sup>	9187258	GMC	415013
912840	FALCK	417158 <sup>2B</sup>	9144LUP	JN-MN	450350	916401	CABOT	455294	9187258	GMC	415995 <sup>2B</sup>
912840	FALCK	455355	91474	AM WH	416107 <sup>2B</sup>	916402	CABOT	417205 <sup>2B</sup>	918741	WILYS	470088
9128434	GMC	417270 <sup>2B</sup>	91474	AM WH	455073	9164631	SPICE	413246	9187LPD	JN-MN	453165
912846	FALCK	415001 <sup>2B</sup>	91474	CHRYL	471413 <sup>2B</sup>	9164631	SPICE	413246N	9187LPD	JN-MN	471619 <sup>2B</sup>
912848	FALCK	415867	914879	STUDE	450025	916463-2	SPICE	415483 <sup>2B</sup>	9187LUP	JN-MN	453165
912849	FALCK	473230 <sup>2B</sup>	914879	STUDE	471553 <sup>2B</sup>	916463-2	SPICE	455368	9187LUP	JN-MN	471619 <sup>2B</sup>
9128S	TIMKE	9128S	914.924	ELRNG	710289	9165LPD	JN-MN	416666	9188401	GMC	416102
9129717	GMC	416158	914.932	ELRNG	710288	9165LUP	JN-MN	416666	9188402	GMC	8724S
912978	FALCK	417357	914972	WILYS	450441	916642	CABOT	417344 <sup>2B</sup>	9188LPD	JN-MN	415302 <sup>29</sup>
9129S	MINNM	450115	914972	WILYS	471341 <sup>2B</sup>	916649	CABOT	476470	9188LUP	JN-MN	415302
9129S	MINNM	473467	914983	STUDE	5976S	916650	CABOT	472179	9189LPD	JN-MN	450117
913	SPICE	473215 <sup>2B</sup>	9149964	SAAB	331227H	916651	CABOT	415013	9189LPD	JN-MN	472572 <sup>2B</sup>
91331	IH	473225 <sup>2B</sup>	9149964	SAAB	710580	916651	CABOT	415995 <sup>2B</sup>	9189LUP	JN-MN	450117
913348	STUDE	412119 <sup>2B</sup>	9149LPD	JN-MN	411394 <sup>2B</sup>	916654	CABOT	415991 <sup>2B</sup>	9189LUP	JN-MN	472572 <sup>2B</sup>
913348	STUDE	450101	9149LPD	JN-MN	450317	916654	CABOT	415991N	919084C1	SOLAR	453165
91352	TMTR	471267 <sup>2B</sup>	9149LUP	JN-MN	411394 <sup>2B</sup>	916655	CABOT	472439	919084C1	SOLAR	471619 <sup>2B</sup>
9137291	GMC	471689 <sup>2B</sup>	9149LUP	JN-MN	450317	916656	CABOT	415034 <sup>2B</sup>	91909	IH	470712 <sup>2B</sup>
9137381	GMC	415991	915005C1	SOLAR	472179	916657	CABOT	415725 <sup>2B</sup>	9190LPD	JN-MN	473240 <sup>2B,29</sup>
913763	CHRYL	455079 <sup>2B</sup>	9150S	TIMKE	9150S	916658	CABOT	410316	9190LUP	JN-MN	473240 <sup>2B</sup>
91377	CHRYL	240009	9151994	GMC	415437 <sup>2B</sup>	916658	CABOT	472636 <sup>2B</sup>	9190N	NATL	3604
91378	CHRYL	471424 <sup>2B</sup>	9151994	GMC	455173	916662	CABOT	415683	919250	CHRYL	3210
913792	STUDE	455195	9151LPD	JN-MN	415041	916720	GW	415234 <sup>2B</sup>	919277	CHRYL	493291
913792	STUDE	472157 <sup>2B</sup>	9151LUP	JN-MN	415041	9168004	GMC	417273	919345	CATER	417598
91384749	GMC	6712NA	9152466	GMC	412861	9168LPD	JN-MN	472070	9193LPD	JN-MN	417490 <sup>29</sup>
9140040	GMC	473227	915263	WILYS	450494	9168LUP	JN-MN	472070	9193LUP	JN-MN	417490
914005	ESSIC	471529	915263	WILYS	472164 <sup>2B</sup>	9169	FULLE	240731	9195848	GMC	455655 <sup>2B</sup>
9140112	GMC	455249 <sup>2B</sup>	915263X	WILYS	450494	916968	WILYS	6988H	9195902	EUCLD	416383
914023	ESSIC	41787S	915263X	WILYS	472164 <sup>2B</sup>	917015001	CLARK	471344	9195902	GMC	416383

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
919607	WILYS	6808N	92077	MCCOR	416891 <sup>28</sup>	92106	MCCOR	415394	92180	MCCOR	416888 <sup>28</sup>
91D1175	FORD	410987 <sup>28</sup>	9207726	GMC	415052	92107	MCCOR	415437	92182	MCCOR	417355 <sup>28</sup>
91D1175	FORD	450103	92078	MCCOR	417205 <sup>28</sup>	92107207	COC	417352	92182	MCCOR	485497
91T119	KELSE	5924	9207835	EUCLD	417602 <sup>28</sup>	92107207	COC	418028 <sup>28</sup>	92186	MCCOR	6864S
91T1190	FORD	5924	9207835	GMC	417602 <sup>28</sup>	92107407	COC	200354	92189	MCCOR	417210 <sup>28</sup>
91T1190	KELSE	5924	9207895	GMC	415938	9210750	WHITE	472185 <sup>28</sup>	9218LPD	JN-MN	473473
91X6113	GARLK	340495	92079	MCCOR	415035	92107507	COC	450070	9218LUP	JN-MN	473473
91X6279	GARLK	340817	92081	MCCOR	415021	92107507	COC	472185 <sup>28</sup>	92190	MCCOR	455019 <sup>28</sup>
91X9518	GARLK	441130	92082	MCCOR	415025	9210950	WHITE	473215 <sup>28</sup>	92191	MCCOR	417354 <sup>28</sup>
91X9722	GARLK	340136	92083	MCCOR	455026	9210969	GMC	8724S	92192	MCCOR	417493
91ZT-7048-A1A	FORD	222742	9208350	GMC	417344 <sup>28</sup>	9211020	WHITE	416888 <sup>28</sup>	92193	MCCOR	417495
91ZT-7288-A2A	FORD	221620	92084	MCCOR	415027 <sup>28</sup>	9211080	WHITE	471763	9219362	EUCLD	416158
9200	HR-DV	470120	92084	MCCOR	455027	9211347	GMC	415146 <sup>28</sup>	9219362	GMC	416158
9200	HR-DV	471224 <sup>28</sup>	9208405	EUCLD	416921 <sup>28</sup>	9211347	GMC	415991	92194	MCCOR	327303 <sup>28</sup>
92007	MCCOR	5751	9208405	GMC	416921 <sup>28</sup>	92114	WHITE	450082	92195	MCCOR	455858
920110	LUF	471647	9208405	GMC	455011	92114	WHITE	473238	92196	MCCOR	415379
920140	LUF	410163	92085	MCCOR	55028	9212	TMTR	40071S	92197	MCCOR	415379
920140	LUF	471766 <sup>28</sup>	9208522	GMC	415988	9212013A	HARWA	92X120X13	92198	MCCOR	415379 <sup>28</sup>
92017	MCCOR	455249 <sup>28</sup>	92086	MCCOR	416125 <sup>28</sup>	92122	MCCOR	415142	92198	MCCOR	455379
92022	MCCOR	415035 <sup>28</sup>	920860	LUF	415551	92125	MCCOR	417210 <sup>28</sup>	92199	MCCOR	45187S
92022	MCCOR	455035	92087	MCCOR	55030	92126	MCCOR	417355 <sup>28</sup>	9219LPD	JN-MN	471255 <sup>28</sup>
92025	MCCOR	415196 <sup>28</sup>	9208737	EUCLD	416381	92127	MCCOR	455189	9219LUP	JN-MN	471255 <sup>28</sup>
92026	MCCOR	415034 <sup>28</sup>	9208737	GMC	416381	9212SS	JN-MN	43080S	922	SUL	416153 <sup>28</sup>
92026	MCCOR	455034	92088	MCCOR	416339	9213	TMTR	473215 <sup>28</sup>	922034R91	IH	410519
92027	MCCOR	416345 <sup>28</sup>	92088	MCCOR	455031 <sup>28</sup>	92130	MCCOR	7208S	922034R91	IH	471271 <sup>28</sup>
92027	MCCOR	455033	92089	MCCOR	415036	92131	MCCOR	6270	92204	MCCOR	6565N
92028	MCCOR	455022	92090	MCCOR	416891 <sup>28</sup>	92133	MCCOR	416556 <sup>28</sup>	92205	AM WH	456105
92029	MCCOR	455134 <sup>28</sup>	92091	MCCOR	415150 <sup>28</sup>	92133	MCCOR	472157	92205	MCCOR	455194
92030	MCCOR	415027	92092	MCCOR	417196 <sup>28</sup>	92135	MCCOR	45031S	92206	MCCOR	2055
92033	MCCOR	415437	92093	MCCOR	416047	92136	MCCOR	415379 <sup>28</sup>	92207XX	TIMKE	9X22X7
920330	LUF	417316 <sup>28</sup>	92093	MCCOR	416332 <sup>28</sup>	92136	MCCOR	455379	92208	MCCOR	370015A
920330	LUF	455004	92094	MCCOR	417205 <sup>28</sup>	92137	MCCOR	417498	92209	MCCOR	416891 <sup>28</sup>
920400	LUF	415304	92095	MCCOR	417504	921428C1	IH	472015 <sup>28</sup>	92210	MCCOR	415036
920400	LUF	476470 <sup>28</sup>	92096	MCCOR	417211 <sup>28</sup>	92145	MCCOR	417506	92211	MCCOR	7354N
92041	MCCOR	415437 <sup>28</sup>	92097	MCCOR	455186	9214517	GMC	416865 <sup>28</sup>	92214	MCCOR	442109
92041	MCCOR	455173	92098	MCCOR	415187	92146	MCCOR	455024	922140	WILYS	340495
92042	MCCOR	415023	92099	MCCOR	417356 <sup>28</sup>	92148	MCCOR	370002A	92216	MCCOR	7300S
92050	WHITE	415960 <sup>28</sup>	92099	MCCOR	455188	92149	MCCOR	455037	92217	MCCOR	2218
92050	WHITE	455009	9209BPD	JN-MN	455584	92150	MCCOR	416130 <sup>28</sup>	92218	MCCOR	455037
9205211	OPEL	223552	92100	MCCOR	417357	92152	MCCOR	415295	92219	MCCOR	417513
92059	MCCOR	415023	92100	MCCOR	455192 <sup>28</sup>	92155	MCCOR	415697 <sup>28</sup>	92220	MCCOR	455200N
9205LPD	JN-MN	415025 <sup>29</sup>	9210010	COC	472258 <sup>28</sup>	92155	MCCOR	455547	92221	MCCOR	455200N
9205LUP	JN-MN	415025	9210010	WHITE	472258 <sup>28</sup>	921584	CHRYL	410987 <sup>28</sup>	92222	MCCOR	7692S
92060272	GMC	710824	9210080	COC	471231 <sup>28</sup>	921584	CHRYL	450103	92223	MCCOR	455035N
92064	CHRYL	450083	9210080	WHITE	471231 <sup>28</sup>	921584	GMC	410987 <sup>28</sup>	92224	MCCOR	327303 <sup>28</sup>
92064	CHRYL	472924 <sup>28</sup>	9210090	COC	471192	921584	GMC	450103	92225	MCCOR	455197N
92065	CHRYL	471466 <sup>28</sup>	9210090	MINNM	471192	92159	MCCOR	417494	92225	WHITE	415086N
9206599	GMC	410312N	9210090	WHITE	471192	921599	MIX	470328	92225	WHITE	417487 <sup>28</sup>
9206601	GMC	415137 <sup>28</sup>	92101	MCCOR	455195	921599	MIX	481213 <sup>28</sup>	92226	MCCOR	335924N
9206601	GMC	418028	92101	MCCOR	472157 <sup>28</sup>	9216177	GMC	472439	92228	MCCOR	8549S
9206856	EUCLD	473243	9210120	COC	411394 <sup>28</sup>	92163	MCCOR	415711	92230580	GMC	710888
9206856	GMC	473243	9210120	COC	450317	92166	MCCOR	415437	92230584	GMC	710866
9206858	EUCLD	417343 <sup>28</sup>	9210120X	COC	411394 <sup>28</sup>	92168	MCCOR	6638S	92230620	GMC	710864
9206858	GMC	417343 <sup>28</sup>	9210120X	COC	450317	92170	MCCOR	417353 <sup>28</sup>	92230622	GMC	710542
9207074	GMC	416102	921015C1	IH	472924 <sup>28</sup>	92171	MCCOR	415379	922309	WOOL	455576 <sup>28</sup>
9207290	EUCLD	415035	92101S	MCCOR	485195H	92172	MCCOR	417211 <sup>28</sup>	922409	CHRYL	470403
9207290	GMC	415035	92102	MCCOR	416888 <sup>28</sup>	92173	MCCOR	455191	922409	CHRYL	470774 <sup>28</sup>
9207290	GMC	475845 <sup>28</sup>	92102	MCCOR	455200	92174	MCCOR	415035	9224454	GMC	472397 <sup>28</sup>
920748X1	IH	415938	92104	MCCOR	415263	92174	MCCOR	415953	92245	WHITE	50528
92076	MCCOR	415036	92105	MCCOR	55353	92175	MCCOR	6612S	922474R91	IH	475380N

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
92298	CHRY	410101N	927645	WILYS	340413	93020	GROVE	416891 <sup>28</sup>	93279	CHRY	450308
9234	ALLCH	471570 <sup>28</sup>	9276LPD	JN-MN	471705 <sup>28</sup>	9303	C-R	471571	932887	ALLCH	442380
9234555	GMC	416107 <sup>28</sup>	9276LUP	JN-MN	471705 <sup>28</sup>	9303	SKF	471571	932976	ALLCH	473441
9235168	EUCLD	415035 <sup>28</sup>	92774	WHITE	415960	9304	C-R	471571V	933062	ALLCH	410867N
9235168	EUCLD	415953	927888	ALLCH	473212 <sup>28</sup>	9304	SKF	471571V	93309906	GMC	228008
9235168	GMC	415035 <sup>28</sup>	927889	ALLCH	471763	930428	ALLCH	415304	933118	ALLCH	473212 <sup>28</sup>
9235168	GMC	415953	927890	ALLCH	415023	930428	ALLCH	476470 <sup>28</sup>	93333R91	IH	417352
9235169	EUCLD	410085	92794	WHITE	475009N	9304LUP	JN-MN	416239 <sup>28</sup>	93333R91	IH	418028
9235169	EUCLD	470530 <sup>28</sup>	927946	ALLCH	473016 <sup>28</sup>	930569C1	IH	417278	933349	ALLCH	416011
9235169	GMC	410085	927947	ALLCH	471424 <sup>28</sup>	930570C1	IH	416039	933349	ALLCH	417621 <sup>28</sup>
9235169	GMC	470530 <sup>28</sup>	927948	ALLCH	415281N	9305LPD	JN-MN	481397 <sup>29</sup>	93336R91	IH	415991 <sup>28</sup>
9235444	GMC	J1107	927965C1	IH	455200N	9305LUP	JN-MN	481397	93336R91	IH	415991N
9235446	GMC	J1128	92805801	ALLCH	417247 <sup>28</sup>	93068	WHITE	418028	933645	ALLCH	470565 <sup>28</sup>
923561C1	IH	471341N	928283	ALLCH	472826 <sup>28</sup>	93068	WHITE	455137 <sup>28</sup>	9339LPD	JN-MN	471643 <sup>28</sup>
9237R	JN-MN	470954 <sup>28</sup>	928436	ALLCH	415854	9307	C-R	471647	9339LUP	JN-MN	471643 <sup>28</sup>
923896	WILYS	450185	9284365	ALLCH	415854	9307	SKF	471647	9339S	TIMKE	9339S
923896	WILYS	473229	928704	CHRY	415147	930836	ALLCH	450084 <sup>28</sup>	934	CALI	415036
92390	WHITE	415001 <sup>28</sup>	928704	CHRY	415449 <sup>28</sup>	930838	ALLCH	417278	9342SS	JN-MN	415035
92390	WHITE	455001	928831	ALLCH	415156 <sup>28</sup>	93088	WHITE	418028	9342SS	JN-MN	415953
924	CALI	415219	928854	ALLCH	470774 <sup>28</sup>	93088	WHITE	455137 <sup>28</sup>	934356	WILYS	416738 <sup>28</sup>
9240	CALI	415219	928855	ALLCH	415458 <sup>28</sup>	9309204	SAAB	331227H	934356	WILYS	450096
9240LPD	JN-MN	470954 <sup>28</sup>	92894	CATER	J1123	9309204	SAAB	710580	9343SS	JN-MN	453182
9240LUP	JN-MN	470954 <sup>28</sup>	92894	TMTR	J1123	93095	WHITE	417159	93441	WHITE	455018
9241134	GMC	471652	92895	CATER	412473 <sup>28</sup>	931030	ALLCH	471341 <sup>28</sup>	93441	WHITE	476470
9241256	EUCLD	415938	92895	CATER	415894	93103001	ALLCH	471341 <sup>28</sup>	9344S	TIMKE	9344S
9241256	GMC	415938	92895	TMTR	412473 <sup>28</sup>	931031	ALLCH	473423	9345LPD	JN-MN	450301
9243	C-R	340787	92895	TMTR	415894	93103101	ALLCH	473423	9345LPD	JN-MN	472397 <sup>28</sup>
9243	SKF	340787	928M6700B2A	FORD	3771	931041	ALLCH	481181 <sup>28</sup>	9345LUP	JN-MN	450301
9243143	EUCLD	471341 <sup>28</sup>	928M6701B2A	FORD	3772	931041	ALLCH	481181N	9345LUP	JN-MN	472397 <sup>28</sup>
9243143	GMC	471341 <sup>28</sup>	928M-6701-B5A	FORD	3772	9310S	MINNM	450085	9347	C-R	472951 <sup>29</sup>
9244	C-R	471015 <sup>28</sup>	928M-6K292-B2A	FORD	710550	9310S	MINNM	470530 <sup>28</sup>	9347	C-R	474252 <sup>28</sup>
9244	SKF	471015	928M-6K292-B2B	FORD	710550	93113	REULD	474255	9347	SKF	472951
924432	CHRY	480630 <sup>28</sup>	928M-6K292-B5B	FORD	710550	93115	REULD	471413 <sup>28</sup>	9347	SKF	474252
925	CALI	416154 <sup>28</sup>	9290LPD	JN-MN	415327	93117	REULD	471835 <sup>28</sup>	934E	CALI	416892 <sup>28</sup>
9250	CALI	416154 <sup>28</sup>	929230	ALLCH	450463	93118	REULD	473224 <sup>28</sup>	934J	CALI	7354N
9251463	GMC	40389S	9292LPD	JN-MN	416657	93123	REULD	450291	9350158	SAAB	3772
925172R91	IH	370007A	929462	ALLCH	204013	93123	REULD	471141 <sup>28</sup>	93506	AMC	240151
925173R91	IH	370007A	9298	C-R	471571	931483	ALLCH	416282	93515R91	IH	450082
925180	WILYS	8430S	9298	SKF	471571	9314831	ALLCH	416282	93515R91	IH	473238
92536	C-R	415219 <sup>29</sup>	9298802	GMC	8460N	931484	ALLCH	416664 <sup>28</sup>	93516R91	IH	470059
92536	SKF	415219	92TM6701A1A	FORD	3393	931504	ALLCH	472324 <sup>28</sup>	93516R91	IH	470380 <sup>28</sup>
92541	CHRY	6835S	92TM6701A2A	FORD	3393	9316	TIMKE	9316	93517R91	IH	450085
92542	WHITE	472394	92X12013XX	TIMKE	92X120X13	9316171	ALLCH	471835 <sup>28</sup>	93517R91	IH	470530 <sup>28</sup>
9255535	TERX	416394	92X120X13	SIMRT	92X120X13	931634	AMC	470351	93518	AMC	474278 <sup>28</sup>
9256879	GMC	412871 <sup>28</sup>	92X120X13	TIMKE	92X120X13	93183611	GMC	710699	93518	AMC	480356
9257386	GMC	416257	92X120X13SC	TRSCM	92X120X13	93183611	SAAB	710699	93518R91	IH	411253 <sup>28</sup>
92607XX	TIMKE	9X26X7	92X120X13TC	TRSCM	92X120X13	9319LPD	JN-MN	416271 <sup>28</sup>	93518R91	IH	450099
926162	CHRY	471554 <sup>28</sup>	92X213	GARLK	351267	9319LUP	JN-MN	416271 <sup>28</sup>	9351LPD	JN-MN	417780
92631	WHITE	416654 <sup>28</sup>	92X213	GARLK	471267 <sup>28</sup>	93203	AM WH	416654 <sup>28</sup>	9351LUP	JN-MN	417780
92631	WHITE	455012	92X6100	GARLK	471760	93203	AM WH	455012	9356	EATON	417344 <sup>28</sup>
92648	WHITE	450467	92X6113	GARLK	1049	93229	WHITE	455151	9356	EATON	455006
926633	CHRY	6597S	92X6169	GARLK	471652	93233	CINMI	471689 <sup>28</sup>	9356	TRUK	417344 <sup>28</sup>
926741	CHRY	471689 <sup>28</sup>	92X7518	GARLK	471766 <sup>28</sup>	93234	CINMI	471570 <sup>28</sup>	9356	TRUK	455006
927283	ALLCH	417474	92X7521	GARLK	6668S	93235	CINMI	471192	935612	WILYS	8676S
927367	CHRY	410308 <sup>28</sup>	92X9502	GARLK	6863S <sup>28</sup>	93236	CINMI	470163	935735	EATON	712625
9273LPD	JN-MN	471737 <sup>29</sup>	92X9509	GARLK	471264 <sup>28</sup>	93236	CINMI	471766 <sup>28</sup>	935797R91	IH	200885
9273LUP	JN-MN	471737	92X9515	GARLK	351267	932407	WILYS	410308 <sup>28</sup>	935869R92	IH	472185 <sup>28</sup>
92742	WHITE	450083	92X9515	GARLK	471267 <sup>28</sup>	932407	WILYS	450308	9360LPD	JN-MN	417598 <sup>29</sup>
92742	WHITE	472924 <sup>28</sup>	92X9528	GARLK	6668S	932503	ALLCH	335924N	9360LUP	JN-MN	417598
9274473	GMC	417082	92X9530	GARLK	472213	93279	CHRY	410308 <sup>28</sup>	9361LPD	JN-MN	416158

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
9361LUP	JN-MN	416158	93ZT-3K169-A9A	FORD	710808	94020130	GMC	1987	9409LUP	JN-MN	450350
93625	SELAS	4148	93ZT-3K169-A9B	FORD	710808	94020131	GMC	1990	94101493	GMC	710081
9363LPD	JN-MN	470606 <sup>28</sup>	93ZT-3K169A9-BN	FORD	710808	94020258	GMC	1949	94105973	GMC	710308
9363LUP	JN-MN	470606 <sup>28</sup>	93ZT-3K169-A9C	FORD	710808	94020262	GMC	225020	94108633	GMC	710098
9363S	TIMKE	9363S	93ZT-3X169-A5A	FORD	710356	94021237	GMC	473812	94108663	GMC	225010
9368LPD	JN-MN	417351 <sup>28</sup>	93ZT-3X169-A5B	FORD	710356	94021238	GMC	473179 <sup>28</sup>	9410LPD	JN-MN	415027 <sup>28</sup>
9368LPD	JN-MN	455154	940010001	WHITE	370048A	94022595	GMC	228480	9410LPD	JN-MN	455027
9368LUP	JN-MN	417351 <sup>28</sup>	940010001	WHITE	370182A	94024633	GMC	1990	9410LUP	JN-MN	415027 <sup>28</sup>
9368LUP	JN-MN	455154	940010001	WHITE	380048A	94026324	GMC	228480	9410LUP	JN-MN	455027
93741869	GMC	710715	940010003	WHITE	370121A	940276555	GMC	710057	94111750	GMC	228480
93741870	GMC	710716	940010004	WHITE	370001A	94028351	GMC	224045	9411750	GMC	228480
93741990	GMC	221207	940010004	WHITE	380001A	94029129	GMC	710167	94124173	GMC	223220
93741992	GMC	224010	940010005	WHITE	370048A	94029584	GMC	222860	94129884	GMC	228700
9374LPD	JN-MN	417073 <sup>29</sup>	940010005	WHITE	370182A	94029787	GMC	224205	94144614	GMC	1174
9374LUP	JN-MN	417073	940010005	WHITE	380048A	9402LPD	JN-MN	415034 <sup>28</sup>	94146205	GMC	1012N
9376	TIMKE	9376	940010006	WHITE	370025A	9402LPD	JN-MN	455034	9415C	DIA	470565 <sup>28</sup>
9377	CHAMP	341022	940010006	WHITE	380025A	9402LUP	JN-MN	415034 <sup>28</sup>	9415LPD	JN-MN	471267 <sup>28</sup>
938031	AMC	482267	940010006	WHITE	386025A	9402LUP	JN-MN	455034	9415LUP	JN-MN	471267 <sup>28</sup>
938031	WILYS	482267	940010007	WHITE	370120A	94030585	GMC	712005	941664	WILYS	471652
938151	AMC	8430S	940010010	WHITE	370001A	94030585	ISUZU	712005	941664	WILYS	482208 <sup>28</sup>
938151	AMGEN	8430S	940010010	WHITE	380001A	94034121	GMC	710087	94178277	GMC	225230
938151	WILYS	8430S	94001-0011	VOLVO	370006A	94034122	GMC	710085	9418LPD	JN-MN	415425
93823	CATER	471737	940010011	WHITE	370006A	94034131	GMC	710088	94214912	GMC	224025
93823	TMTR	471737	940010013	WHITE	370006A	94036687	GMC	710278	94214913	GMC	710060
93824	CATER	416557	94001-0014	WHITE	370001A	94036689	GMC	710277	94215220	GMC	1981
938963C1	IH	417254	94001-0014	WHITE	380001A	94039516	GMC	710086	94216107	GMC	1174
938964C1	IH	415551	94001-0015	WHITE	370006A	94043754	GMC	710080	94216107	GMC	710309
93921	CATER	473237 <sup>28</sup>	94001-0016	WHITE	370025A	94047455	GMC	710089	9421LPD	JN-MN	471267 <sup>28</sup>
93921	TMTR	473237 <sup>28</sup>	94001-0016	WHITE	380025A	94047499	GMC	710084	9421LUP	JN-MN	471267 <sup>28</sup>
939334	WILYS	410308 <sup>28</sup>	94001-0016	WHITE	386025A	94049996	GMC	710089	9422	FULLE	417316 <sup>28</sup>
939334	WILYS	450308	94001-0017	WHITE	370023A	94051420	GMC	3476	9422	FULLE	455004
939335	WILYS	410308 <sup>28</sup>	94001-0017	WHITE	380023A	940555	AMC	340151	94220837	GMC	223802
939335	WILYS	450308	940010019	WHITE	370003A	94057307	GMC	710084	94223026	GMC	1987
9394LPD	JN-MN	450444	940010019	WHITE	380003A	94057308	GMC	710089	94224173	ISUZU	1949
9394LPD	JN-MN	471835 <sup>28</sup>	940010022	WHITE	370003A	94060931	GMC	710278	94224713	GMC	1949
9394LUP	JN-MN	450444	940010022	WHITE	380003A	94061761	GMC	710088	9422LPD	JN-MN	415991
9394LUP	JN-MN	471835 <sup>28</sup>	940010028	WHITE	370003A	94068R91	IH	340413	9422LPD	JN-MN	455146 <sup>28</sup>
939558C91	IH	415938	940010028	WHITE	380003A	94069R91	IH	340787	9422LUP	JN-MN	415991
9395LPD	JN-MN	473236 <sup>28,29</sup>	94001-0029	WHITE	370001A	9406S	TIMKE	9406S	9422LUP	JN-MN	455146 <sup>28</sup>
9395LUP	JN-MN	473236 <sup>28</sup>	94001-0029	WHITE	380001A	94070R91	IH	350414	9-42325-010-0	ISUZU	710373
9396LPD	JN-MN	450094	94001-0030	WHITE	370003A	94070R91	IH	472311 <sup>28</sup>	94238096	GMC	470380 <sup>28</sup>
9396LPD	JN-MN	473462	94001-0030	WHITE	380003A	94071R91	IH	240151	94238096	GMC	472189A <sup>28</sup>
9396LUP	JN-MN	450094	94001-0032	WHITE	370025A	94072R91	IH	240356	9423LPD	JN-MN	471795
9396LUP	JN-MN	473462	94001-0032	WHITE	380025A	94073R91	IH	323138 <sup>28</sup>	9423LUP	JN-MN	471795
939734	AMC	416738 <sup>28</sup>	94001-0032	WHITE	386025A	94074R91	IH	474276 <sup>28</sup>	94240603	GMC	710167
939734	AMC	450096	94001-0034	WHITE	370003A	94075R91	IH	450400	94248117	GMC	474230
939734	WILYS	416738 <sup>28</sup>	94001-0034	WHITE	380003A	94076R91	IH	340413	94249521	GMC	222835
939734	WILYS	450096	94001-0038	WHITE	370048A	94076R92	IH	340413	94249521	GMC	28X44X6 <sup>28</sup>
9397LPD	JN-MN	450472 <sup>28</sup>	94001-0038	WHITE	370182A	94077R91	IH	340787	94251171	GMC	710308
9397LUP	JN-MN	450472 <sup>28</sup>	94001-0038	WHITE	380048A	94078R91	IH	240414	94253509	GMC	3667
9398LPD	JN-MN	473243 <sup>29</sup>	94001006	WHITE	370025A	94079R91	IH	340151	94257	CHRYSLER	9376
9398LUP	JN-MN	473243	94001006	WHITE	380025A	94080R91	IH	240356	94257318	GMC	473812
9399LPD	JN-MN	415281N	94001006	WHITE	386025A	94081R91	IH	6597S	9425SS	JN-MN	416892 <sup>28</sup>
9399LUP	JN-MN	415281N	9400127499	FIAT	710849	94082R91	IH	474276 <sup>28</sup>	942635	CLARK	471526 <sup>28</sup>
93X214	GARLK	351267	940013602	WHITE	370005A	94083R91	IH	450400	94267	CHRYSLER	7188S
93X214	GARLK	471267 <sup>28</sup>	9400LPD	JN-MN	417273 <sup>29</sup>	9409	C-R	450039 <sup>29</sup>	9428	FULLE	417316 <sup>28</sup>
93X6113	GARLK	1049	9400LUP	JN-MN	417273	94099457	GMC	710085	9428	FULLE	455004
93X6169	GARLK	471652	9401LPD	JN-MN	417780 <sup>29</sup>	9409LPD	JN-MN	413247 <sup>28</sup>	942901	AMC	9344S
93X6171	GARLK	471692 <sup>28</sup>	9401LUP	JN-MN	417780	9409LPD	JN-MN	450350	942901	WILYS	9344S
93X8887	GARLK	471413 <sup>28</sup>	94020129	GMC	474133	9409LUP	JN-MN	413247 <sup>28</sup>	942905	VOLVO	4941V

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
942905-1	VOLVO	4941V	944050	UNIT	415991	9445LUP	JN-MN	470064	94841823	GMC	320603
94294413	BUC-E	416167 <sup>2B</sup>	944050	UNIT	455146 <sup>2B</sup>	9445LUP	JN-MN	471821 <sup>2B</sup>	94843981	GMC	1180
94294413	BUC-E	455091	944051	UNIT	415995 <sup>2B</sup>	94464555	GMC	710192	94843981	GMC	41X55X7 <sup>2B</sup>
94318910	GMC	473812	944051	UNIT	455013	94475250	GMC	1953	94844710	GMC	1987
94326441	GMC	1990	944052	UNIT	415023	94482157	GMC	710308	94844862	GMC	223831
94327062	GMC	1981	944059	UNIT	415645 <sup>2B</sup>	9449	TIMKE	9449	94845317	GMC	1180
94327063	GMC	228700	944059	UNIT	455104	94495	C-R		94846026	GMC	710110
94334845	GMC	223014	94406	UNIT	473215 <sup>2B</sup>	240X270X15 <sup>2B</sup>			94846072	GMC	710109
94334860	GMC	223220	944060	UNIT	417539 <sup>2B</sup>	94495	SKF	240X270X15	94846345	GMC	4898
94336316	GMC	710080	944061	UNIT	415294 <sup>2B</sup>	9450	FULLE	412119 <sup>2B</sup>	94846901	GMC	320603
94339	CHRYSLER	474278 <sup>2B</sup>	944061	UNIT	455294	9450	FULLE	450101	94847440	GMC	5696
943.397.018.03	PORSC	710780	944064	UNIT	415551	9452LPD	JN-MN	412871 <sup>2B</sup>	94847441	GMC	1993
94342865	GMC	710194	9440651	VOLVO	710790	9452LPD	JN-MN	450329	94850395	GMC	223235
943661	AMC	475384	9440651-0	VOLVO	710790	94535472	GMC	710310	94850807	GMC	1987
94367958	GMC	710080	9440651-9	VOLVO	710790	94535473	GMC	223552	94851798	GMC	227045
94367960	GMC	710081	94407	UNIT	415034 <sup>2B</sup>	94535474	GMC	4175	94851892	GMC	710109
943710	AMC	416282	94407	UNIT	455034	9454LPD	JN-MN	473225 <sup>2B</sup>	94851936	GMC	5696
943710	WILYS	416282	944070	UNIT	450400	9454LUP	JN-MN	473225 <sup>2B</sup>	94851937	GMC	4898
94379067	GMC	222835	94407711	GMC	710168	9456203080	FIAT	710849	94852785	GMC	710412
94380745	GMC	221620	944078	UNIT	455203	945702	AMC	40769S	94852835	GMC	222630
94380745	GMC	221720	94408	UNIT	473439 <sup>2B</sup>	945710	AMC	9316	94854723	GMC	710412
94383	AM WH	450316	944080	UNIT	417539 <sup>2B</sup>	94580027	GMC	3543	94856492	GMC	5696
94383	AM WH	472636 <sup>2B</sup>	94408083	GMC	710268	94580413	DAEWO	3774	94856669	GMC	710465
94385707	GMC	710442	944081	UNIT	417603 <sup>2B</sup>	94580413	GMC	3774	94856761	GMC	223801
94389593	GMC	1981	944084	UNIT	450867	9458178	VOLVO	710669	94856962	GMC	710465
94397	AM WH	471255 <sup>2B</sup>	944084	UNIT	470898	9458178-0	VOLVO	710669	94858594	GMC	223235
94399R91	IH	415085 <sup>2B</sup>	94409	UNIT	417514	9458309	VOLVO	710788	94858956	GMC	710704
94399R91	IH	456648	9441	FULLE	450084 <sup>2B</sup>	9458309-0	VOLVO	710788	94858983	GMC	710465
94400	UNIT	456105	944102	UNIT	470954 <sup>2B</sup>	9460LPD	JN-MN	470189	94858992	GMC	223801
94401	UNIT	415035 <sup>2B</sup>	944102	UNIT	480954	9460LPD	JN-MN	471692 <sup>2B</sup>	94859906	GMC	223831
94401	UNIT	455035	94411	UNIT	417601	9460LUP	JN-MN	470189	94860096	GMC	1987
944015	UNIT	450316	944112	UNIT	450965	9460LUP	JN-MN	471692 <sup>2B</sup>	948609	AMC	416738 <sup>2B</sup>
944015	UNIT	472636 <sup>2B</sup>	944116	UNIT	416865 <sup>2B</sup>	946341	VOLVO	224052	948609	WILYS	416738 <sup>2B</sup>
94402	UNIT	455195	94412	UNIT	416888 <sup>2B</sup>	94658170	GMC	710237	9487	TIMKE	9487
94402	UNIT	472157 <sup>2B</sup>	94412	UNIT	455200	947705	VOLVO	710714	9488LPD	JN-MN	416921 <sup>2B</sup>
944024	UNIT	471466 <sup>2B</sup>	944125	UNIT	417541	947RC	SUL	470219	9488LPD	JN-MN	455011
944026	UNIT	471570 <sup>2B</sup>	944128	UNIT	200110	947RC	SUL	471649 <sup>2B</sup>	9488LUP	JN-MN	416921 <sup>2B</sup>
944027	UNIT	415001 <sup>2B</sup>	94413	UNIT	416339	94804	CHRYSLER	7412S	9488LUP	JN-MN	455011
944027	UNIT	455001	94413	UNIT	455031 <sup>2B</sup>	9480705	VOLVO	4072N	9495017	VOLVO	223830
944028	UNIT	450639	944130	UNIT	417191	948.101.212.01	PORSC	716102	9495018	VOLVO	710776
944029	UNIT	415295	944130	UNIT	455165 <sup>2B</sup>	948.101.212.02	PORSC	716102	9495018-5	VOLVO	710776
94403	UNIT	450279	944131	UNIT	455194	9483LPD	JN-MN	473228 <sup>2B</sup>	9495C	DIA	410737 <sup>2B</sup>
944030	UNIT	415483 <sup>2B</sup>	94414	UNIT	417602 <sup>2B</sup>	9483LUP	JN-MN	473228	9495C	DIA	450737
944030	UNIT	455368	94415	CHECK	203008	9483LUP	JN-MN	51098	9495CX	DIA	410737 <sup>2B</sup>
944031	UNIT	415960 <sup>2B</sup>	944185	VOLVO	482126	94840006	GMC	1987	9495CX	DIA	450737
944031	UNIT	455009	944185-8	VOLVO	482126	94840023	GMC	227045	9496129	VOLVO	710740
944033	UNIT	450365	94422390	GMC	1990	94840076	GMC	223235	9496129-9	VOLVO	710740
944033	UNIT	470898 <sup>2B</sup>	9443310	VOLVO	223020	94840381	GMC	1180	94TM-6701-A1A	FORD	3393
944035	UNIT	470219	9443310-0	VOLVO	223020	94840381	GMC	41X55X7 <sup>2B</sup>	94WT-3K169-A9A	FORD	710798
944035	UNIT	471649 <sup>2B</sup>	94433718	GMC	710537	94840395	GMC	223235	94X215	GARLK	470680
944037	UNIT	455018	944.397.017.01	PORSC	224200	94840436	GMC	710156	94X215	GARLK	471570 <sup>2B</sup>
944037	UNIT	476470	944.397.017.03	PORSC	1012N	94840471	GMC	710154	94X287	GARLK	471224 <sup>2B</sup>
944038	UNIT	415449 <sup>2B</sup>	944.397.019.00	PORSC	221207	94840505	GMC	221510	94X359	GARLK	471763
944038	UNIT	455147	94443	CHRYSLER	8160S	94840623	GMC	320603	94X4600	GARLK	472432
94403D	UNIT	415483 <sup>2B</sup>	94450127	GMC	1012N	94840624	GMC	710110	94X4600	GARLK	474256
94403D	UNIT	455368	9445724	VOLVO	100165	94840652	GMC	223831	94X5051	GARLK	471276
94404	UNIT	415281N	9445724-9	VOLVO	100165	94840654	GMC	5696	94X6176	GARLK	472681
944041	UNIT	416891 <sup>2B</sup>	94459593	GMC	710098	94840869	GMC	221207	94X6176	GARLK	473259
944044	UNIT	455194	9445LPD	JN-MN	470064	94841023	GMC	710110	94X6282	GARLK	476511
94405	UNIT	472319	9445LPD	JN-MN	471821 <sup>2B</sup>	94841798	GMC	227045	94X6486	GARLK	476510

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
94X6557	GARLK	471379	95062	C-R	417606	951644	BR-ST	470219	9550LPD	JN-MN	472439 <sup>29</sup>
94X6639	GARLK	472658	95062	MCCOR	417507 <sup>28</sup>	951644	BR-ST	471649 <sup>28</sup>	9550LUP	JN-MN	472439
94X6639	GARLK	473197	95062	MCCOR	455513	9520LPD	JN-MN	471760 <sup>29</sup>	955.101.051.00	PORSC	716102
94X6738	GARLK	472239	95062	SKF	417606	9520LUP	JN-MN	471760	955.101.052.00	PORSC	710279
94X7033	GARLK	470954 <sup>28</sup>	95063	MCCOR	456618	9521	C-R	222430	955.101.053.00	PORSC	710761
94X760	GARLK	473231 <sup>28</sup>	95064	MCCOR	415043	9521	SKF	222430	955.101.085.00	PORSC	710618
94X8005	GARLK	476512	95068	MCCOR	417541	95216	WHITE	417487	955.301.227.00	PORSC	710714
94X89	GARLK	471264 <sup>28</sup>	95069	MCCOR	416070	95216	WHITE	455014	955.321.189.00	PORSC	710933
94X96	GARLK	471612	95070	MCCOR	415371	95226	CHRYL	471341 <sup>28</sup>	955.321.199.00	PORSC	710751
9500	C-R	222410	95075	MCCOR	6329S	9523LPD	JN-MN	415021	955.321.199.10	PORSC	710749
9500	C-R	24X35X7 <sup>28</sup>	95076	MCCOR	455251H	9523LUP	JN-MN	415021	955.321.199.20	PORSC	710750
9500	SKF	222410	95076S	MCCOR	455251H	952742	WAUKE	471787 <sup>28</sup>	955.321.199.21	PORSC	710750
9500	SKF	24X35X7	95077	MCCOR	417518	95294413	BUC-E	415001 <sup>28</sup>	955.321.199.30	PORSC	221207
95003	MCCOR	417278	95079	MCCOR	416158	95294413	BUC-E	455001	955.321.243.00	PORSC	710934
95005	MCCOR	417537	95080	MCCOR	415725 <sup>28</sup>	953019R1	IH	470380 <sup>28</sup>	955.321.243.02	PORSC	710934
95006	MCCOR	415041	95081	C-R	9555S	953024	CLARK	450365	955.321.729.00	PORSC	710934
95011	MCCOR	370036A	95081	MCCOR	416163	953024	CLARK	470898 <sup>28</sup>	955497R91	IH	455079 <sup>28</sup>
95012	MCCOR	417516	95081	SKF	9555S	953029	CLARK	471785 <sup>28</sup>	955498R91	IH	473463
95013	MCCOR	417223	95082	MCCOR	6635S	953030	CLARK	471354 <sup>28</sup>	95557R91	IH	470565 <sup>28</sup>
95019	MCCOR	415351 <sup>28</sup>	95086	MCCOR	417252	953032	CLARK	471801 <sup>28</sup>	9555S	TIMKE	9555S
950216301	BORGW	472018	95089	MCCOR	415060	953035	CLARK	450441	955776R1	IH	450400
95023	MCCOR	416865 <sup>28</sup>	95090	MCCOR	417548	953035	CLARK	471341 <sup>28</sup>	9558LPD	JN-MN	471763
95024	MCCOR	417514	95091	MCCOR	415064	953038	CLARK	415001 <sup>28</sup>	9558LUP	JN-MN	471763
95025	MCCOR	415045 <sup>28</sup>	95094	MCCOR	370022A	953038	CLARK	455001	9560	C-R	24X47X7
95026	MCCOR	416892 <sup>28</sup>	95095	MCCOR	6872S	953039	CLARK	473225 <sup>28</sup>	9560	SKF	24X47X7
95028	MCCOR	415138 <sup>28</sup>	95098	MCCOR	417509	953040	CLARK	473438	95612	CHRYL	410308 <sup>28</sup>
95029	MCCOR	415058	95099	MCCOR	455290	953043	CLARK	450084 <sup>28</sup>	95612	CHRYL	473468
95030	MCCOR	417238	95100	AM WH	471652	953044	CLARK	473460	9565	HYST	415027 <sup>28</sup>
95031	MCCOR	415060	95103	MCCOR	370005A	953045	CLARK	415302	9565	HYST	455027
95032	MCCOR	415066	95104	MCCOR	455956H	953046	CLARK	416921 <sup>28</sup>	956666	CHRYL	410102
95033	MCCOR	456890	95105	MCCOR	5487	953046	CLARK	455011	9568	TIMKE	9568
95034	MCCOR	417269 <sup>28</sup>	95106	MCCOR	416888 <sup>28</sup>	953047	CLARK	417539 <sup>28</sup>	9569LPD	JN-MN	471466 <sup>28</sup>
95035	MCCOR	417273	95107	MCCOR	456865N	953048	CLARK	415551	9569LUP	JN-MN	471466 <sup>28</sup>
95036	MCCOR	416865 <sup>28</sup>	9510LPD	JN-MN	415034 <sup>28</sup>	953053	CLARK	470050	9569S	TIMKE	9569S
95036	MCCOR	455070	9510LPD	JN-MN	455034	95307	AM WH	415449 <sup>28</sup>	957522R91	IH	412027
95037	MCCOR	417546 <sup>28</sup>	9510LUP	JN-MN	415034 <sup>28</sup>	95307	AM WH	455147	957905	CHRYL	417351 <sup>28</sup>
95038	MCCOR	416167 <sup>28</sup>	9510LUP	JN-MN	455034	953080413	SKODA	228009	957905	CHRYL	455154
95038	MCCOR	455091	95111	MCCOR	417520	9530LPD	JN-MN	415725 <sup>28</sup>	957E1190A	FORD	7381S
95039	MCCOR	415645 <sup>28</sup>	9511513B	HARWA	95X115X12	9530LUP	JN-MN	415725 <sup>28</sup>	957E4233A	FORD	472492 <sup>28</sup>
95039	MCCOR	455104	95118	MCCOR	7866S	95357	EATON	370023A	957E4250A	FORD	470898
9503SS	JN-MN	471535 <sup>28</sup>	9511LPD	JN-MN	472475 <sup>29</sup>	95357	EATON	380023A	9580	C-R	24X52X7
95040	MCCOR	416154 <sup>28</sup>	9511LUP	JN-MN	472475	9537	FULLE	240733	9580	SKF	24X52X7
95041	MCCOR	417539 <sup>28</sup>	9512512B	HARWA	95X125X12	9541LPD	JN-MN	455151	9581	HYST	473444 <sup>28</sup>
95042	MCCOR	416153 <sup>28</sup>	9512512C	HARWA	95X125X12	9541LUP	JN-MN	455151	958.101.052.00	PORSC	710279
95043	MCCOR	417538	9512513B	HARWA	95X125X12	9542LPD	JN-MN	455022 <sup>29</sup>	9581156TA	TRSCM	417606
95045	MCCOR	415371	951292	CLARK	473473	9542LUP	JN-MN	455022	95823R91	IH	470898
95045S	MCCOR	415371	951296	WILYS	340771	9543LPD	JN-MN	416654 <sup>28</sup>	9582-45-682	MAZDA	710345
95046	MCCOR	415284	9512LPD	JN-MN	455026 <sup>29</sup>	9543LPD	JN-MN	455012	95827	CHRYL	482163N
95048	MCCOR	417262 <sup>28</sup>	9512LUP	JN-MN	455026	9543LUP	JN-MN	416654 <sup>28</sup>	9584	NATL	370047A
95048	MCCOR	455448	9514	C-R	222430	9543LUP	JN-MN	455012	9584	TIMKE	9584
9505	C-R	24X38X7	9514	C-R	24X40X7	9545LPD	JN-MN	417238	9587LPD	JN-MN	416125 <sup>28</sup>
9505	SKF	24X38X7	9514	SKF	222430	9545LUP	JN-MN	417238	9587LUP	JN-MN	416125 <sup>28</sup>
95052	OLIVE	470219	9514	SKF	24X40X7	954631	SPICE	417356 <sup>28</sup>	958989	VOLVO	223230
95052	OLIVE	471649 <sup>28</sup>	9514LPD	JN-MN	415683	954631	SPICE	455188	9590LPD	JN-MN	415060
95054	MCCOR	415047	9514LUP	JN-MN	415683	9546LPD	JN-MN	470565 <sup>28,29</sup>	9590LUP	JN-MN	415060
95056	MCCOR	417267	9515	C-R	222430	9546LUP	JN-MN	470565 <sup>28</sup>	959308R1	IH	6590S
95057	MCCOR	45637S	9515	C-R	24X40X7 <sup>28</sup>	9547LPD	JN-MN	476470	959308R91	IH	6590S
95059N	MCCOR	415213N	9515	SKF	222430	9547LUP	JN-MN	476470	9596LPD	JN-MN	473241
95060	MCCOR	417525	9515	SKF	24X40X7	9548LPD	JN-MN	417362 <sup>28</sup>	9598	FULLE	474276 <sup>28</sup>
95061	MCCOR	417247 <sup>28</sup>	9516	NATL	8705S	9548LUP	JN-MN	417362 <sup>28</sup>	9599S	TIMKE	9599S

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
95HM6700AA	FORD	3774	96057741	GMC	710523	9643	GARLK	340835	9682	C-R	482309
95VW-6700-AA	FORD	710618	96057742	GMC	1213N	9643LPD	JN-MN	480630 <sup>2B</sup>	9682	SKF	482309
95VW-6701-AA	FORD	716102	96057743	GMC	710239	9643LUP	JN-MN	480630 <sup>2B</sup>	96823R91	IH	470898
95X11512XX	TIMKE	95X115X12	96057745	GMC	710193	96440222	GMC	320348	9686LPD	JN-MN	412920 <sup>2B</sup>
95X115X12	SIMRT	95X115X12	96057747	GMC	710240	964461M1	CHRY	450343	9686LPD	JN-MN	450132
95X115X12	TIMKE	95X115X12	96057748	GMC	710255	9646	C-R	471648	9686LUP	JN-MN	412920 <sup>2B</sup>
95X115X12SC	TRSCM	95X115X12	96059653	GMC	223540	9646	SKF	471648	9686LUP	JN-MN	450132
95X115X12TC	TRSCM	95X115X12	96059934	GMC	1188	9647	C-R	471648	9687	C-R	451082
95X12012XX	TIMKE	95X120X12	96060198	GMC	222030	9647	SKF	471648	9687	SKF	451082
95X120X12	TIMKE	95X120X12	96061234	GMC	710523	964871M1	CHRY	450070	9688	C-R	482310
95X120X12SC	TRSCM	95X120X12	96061930	GMC	222030	964871M1	CHRY	472185 <sup>2B</sup>	9688	SKF	482310
95X120X12TC	TRSCM	95X120X12	96061932	GMC	223552	964874M1	CHRY	470163	9688LPD	JN-MN	470548
95X12512XX	TIMKE	95X125X12	96063564	GMC	221730	964874M1	CHRY	471766 <sup>2B</sup>	9688LPD	JN-MN	470625 <sup>2B</sup>
95X125X12	SIMRT	95X125X12	96064766	GMC	710343	9649LPD	JN-MN	415142	9688LUP	JN-MN	470548
95X125X12	TIMKE	95X125X12	96065634	GMC	710334	9649LUP	JN-MN	415142	9688LUP	JN-MN	470625 <sup>2B</sup>
95X125X12SC	TRSCM	95X125X12	96066239	GMC	221730	9650LPD	JN-MN	471785 <sup>2B</sup>	968908R91	IH	415984 <sup>2B</sup>
95X125X12TC	TRSCM	95X125X12	96066450	GMC	710287	9650LUP	JN-MN	471785 <sup>2B</sup>	968939R91	IH	450185
95X13012XX	TIMKE	95X130X12	96066451	GMC	710286	9651LUP	JN-MN	470954 <sup>2B</sup>	968939R91	IH	473229
95X130X12SC	TRSCM	95X130X12	96067581	GMC	222030	9652LPD	JN-MN	470530 <sup>2B</sup>	96948900	GMC	710799
95X130X12TC	TRSCM	95X130X12	96068274	GMC	710310	9652LUP	JN-MN	470530 <sup>2B</sup>	9694SS	JN-MN	473238 <sup>2B</sup>
9600LPD	JN-MN	417273 <sup>29</sup>	96069122	GMC	1188	965326	CHRY	471647	9698	CHAMP	471689 <sup>2B</sup>
9600LUP	JN-MN	417273	96069335	GMC	222030	9653528580	FIAT	710849	9698	DOMIN	471689 <sup>2B</sup>
9600S	TIMKE	9600S	9608	CLARK	415458 <sup>2B</sup>	9653LPD	JN-MN	450083	96GX212	JOY	415034 <sup>2B</sup>
96014416	GMC	3459	9608	CLARK	455003	9653LPD	JN-MN	472924 <sup>2B</sup>	96GX212	JOY	455034
96014877	GMC	223540	96101489	DAEWO	228008	9653LUP	JN-MN	450083	96JV-6700-B	FORD	710837
96015187	GMC	6712NA	96101489	GMC	228008	9653LUP	JN-MN	472924 <sup>2B</sup>	96MM-6700-A2A	FORD	711002
960151870	GMC	6712NA	96101490	GMC	710399	9654LPD	JN-MN	416476 <sup>2B</sup>	96TM6701A1A	FORD	3393
96020366	GMC	710867	96101490M	GMC	710399	9654LPD	JN-MN	455075	96X7033	GARLK	350679
96020744	ACDEL	710875	961125	BENDI	455310	9654LUP	JN-MN	416476 <sup>2B</sup>	96X7033	GARLK	470954 <sup>2B</sup>
96020744	GMC	710875	9613	C-R	451583 <sup>2B</sup>	9654LUP	JN-MN	455075	9700	C-R	712018
96040139	GMC	710544	9613	SKF	451583	96569	CHRY	7300S	9700	SKF	712018
96040460	GMC	223540	9613S	TIMKE	9613S	965744	CHRY	471689 <sup>2B</sup>	97000	MCCOR	416476 <sup>2B</sup>
96040528	GMC	8792S	962061	CHRY	416273 <sup>2B</sup>	9661LPD	JN-MN	416865 <sup>2B</sup>	97000	MCCOR	455075
96040762	GMC	710343	9622	C-R	6324S	9661LUP	JN-MN	416865 <sup>2B</sup>	97001	CHRY	410059
96041845	GMC	710544	9622	SKF	6324S	9662LPD	JN-MN	416339	97001	CHRY	470380 <sup>2B</sup>
96041855	ACDEL	710867	962228	CHRY	450095	9662LPD	JN-MN	455031 <sup>2B</sup>	97001	MCCOR	416229
96041855	GMC	710867	962228	CHRY	473464 <sup>2B</sup>	9662LUP	JN-MN	416339	97002	MCCOR	416229
96042538	GMC	710875	962229	CHRY	480281 <sup>2B</sup>	9662LUP	JN-MN	455031 <sup>2B</sup>	97003	MCCOR	416666
96042587	ACDEL	710875	962.302.131.00	PORSC	222820	9663	C-R	8059S	97006	MCCOR	5M466
96042587	GMC	710875	962475	CHRY	471645	9663	SKF	8059S	97007	MCCOR	455018
96051409	GMC	222030	9625LPD	JN-MN	471652	9663LPD	JN-MN	417509 <sup>29</sup>	97007	MCCOR	476470
96051418	GMC	221510	9625LUP	JN-MN	471652	9663LUP	JN-MN	417509	97007S	MCCOR	455018
96051419	GMC	222030	96264738	GMC	3543	9664	C-R	8059S	97007S	MCCOR	476470
96051420	GMC	710310	9626LPD	JN-MN	472144 <sup>2B</sup>	9664	SKF	8059S	97008	MCCOR	415072
96051421	GMC	710310	9626LUP	JN-MN	472144 <sup>2B</sup>	966446R91	IH	475003N	97009	CHRY	410059
96051422	GMC	223552	96290	C-R	416381	9664LPD	JN-MN	416154 <sup>2B</sup>	97009	CHRY	470380 <sup>2B</sup>
96051423	GMC	224462	96290	SKF	416381	9664LUP	JN-MN	416154 <sup>2B</sup>	97009	MCCOR	416107 <sup>2B</sup>
96051423	GMC	44X62X8 <sup>2B</sup>	96294413	BUC-E	415047	9667	C-R	471688	97009	MCCOR	455073
96051424	GMC	710334	9629LPD	JN-MN	415725 <sup>2B</sup>	9667	SKF	471688	9701	C-R	222535
96053884	GMC	223830	9629LUP	JN-MN	415725 <sup>2B</sup>	96688	CHRY	471271 <sup>2B</sup>	9701	SKF	222535
96054039	GMC	223540	963	PORTR	415090	96713	WHITE	450067	97010	MCCOR	416239 <sup>2B</sup>
9605414	GMC	710116	9630LPD	JN-MN	481834	96713	WHITE	473228	97011	MCCOR	417556
96054141	GMC	221207	9634LPD	JN-MN	471466 <sup>2B</sup>	96719	WHITE	5MR71	97012	MCCOR	417563
96054226	GMC	223552	9634LUP	JN-MN	471466 <sup>2B</sup>	967228R91	IH	415013N	97013	MCCOR	417298
96054427	GMC	224462	96350161	DAEWO	223010	967228R91	IH	415995V	97014	MCCOR	415116
96055290	GMC	710175	96350161	GMC	223010	96733	CHRY	470380 <sup>2B</sup>	97015	MCCOR	415551
96057738	GMC	224820	9636LUP	JN-MN	473232 <sup>2B</sup>	967610R91	IH	7581H	97016	MCCOR	455297
96057740	GMC	223553	96376569	GMC	228008	96783	WHITE	471689 <sup>2B</sup>	97017350	GMC	1990
			96376569	OPEL	228008	9681	C-R	450040 <sup>29</sup>	97020	MCCOR	415447
			964030R91	IH	203025	9681	SKF	450040	97023373	GMC	710620

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
97023976	GMC	710081	9717	C-R	712007	9730	C-R	25X42X8 <sup>28</sup>	9752	C-R	222558
97023977	GMC	710080	9717	SKF	712007	9730	SKF	25X42X8	9752	SKF	222558
97024	MCCOR	415072	9718	C-R	25X37X7 <sup>28</sup>	9731	C-R	25X45X8	97520	MCCOR	370019A
97025	MCCOR	457874	9718	C-R	320603	9731	SKF	25X45X8	97521	MCCOR	370005A
97025798	ACDEL	710194	9718	SKF	25X37X7	9732	C-R	222540	97525	MCCOR	5460
97025798	GMC	710194	9718	SKF	320603	9732	SKF	222540	97529	MCCOR	370024A
97026	MCCOR	417600	9720	C-R	222535	9732LPD	JN-MN	417316 <sup>28</sup>	9752LPD	JN-MN	415991
97027	MCCOR	417601	9720	C-R	25X38X7 <sup>28</sup>	9732LPD	JN-MN	455004	9752LPD	JN-MN	455146 <sup>28</sup>
97028	MCCOR	415090	9720	SKF	222535	9732LUP	JN-MN	417316 <sup>28</sup>	9752LUP	JN-MN	415991
97029	MCCOR	415124	9720	SKF	25X38X7	9732LUP	JN-MN	455004	9752LUP	JN-MN	455146 <sup>28</sup>
97029260	GMC	3543	97209341	GMC	710601	9733LPD	JN-MN	471276	97537	MCCOR	5487
9702C	DIA	473203	97209342	GMC	710892	9733LUP	JN-MN	471276	97538	MCCOR	5589
97031	MCCOR	417020	97210030	IVECO	710279	9736LPD	JN-MN	471424 <sup>28</sup>	97544	MCCOR	370003A
97031954	GMC	710114	9722H	MINNM	455189	9736LUP	JN-MN	471424 <sup>28</sup>	97545	C-R	55078S <sup>29</sup>
97033280300	PORSC	710678	9723	C-R	222535	97370	BENDI	471255 <sup>28</sup>	97545	SKF	55078S
97036	MCCOR	416394	9723	SKF	222535	97371	BENDI	471442 <sup>28</sup>	97546	MCCOR	370009A
97037	MCCOR	415938	97238997	GMC	710769	9739	C-R	25X45X8	9760	C-R	25X52X7 <sup>28</sup>
97039	MCCOR	455584	97238998	GMC	221820	9739	SKF	25X45X8	9760	SKF	25X52X7
97040	MCCOR	417555 <sup>28</sup>	97238999	GMC	710768	9740	C-R	25X46X7	9764	C-R	25X52X8
97041	MCCOR	416239 <sup>28</sup>	972401R91	IH	370023A	9740	SKF	25X46X7	9764	SKF	25X52X8
97042	MCCOR	417602 <sup>28</sup>	972401R91	NAVST	380023A	9742	C-R	25X42X8	9764LPD	JN-MN	417211 <sup>28</sup>
97045	MCCOR	417602 <sup>28</sup>	972408R91	IH	412473 <sup>28</sup>	9742	SKF	25X42X8	9764LUP	JN-MN	417211 <sup>28</sup>
97046703	GMC	710768	972408R91	IH	415894	97423	CHRYSLER	481181 <sup>28</sup>	9767	C-R	25X45X8
97048	MCCOR	6649	972424R91	IH	415086N	97423	CHRYSLER	481181N	9767	SKF	25X45X8
97049	MCCOR	455583N <sup>28</sup>	972424R91	IH	417487 <sup>28</sup>	9743LPD	JN-MN	471231 <sup>28</sup>	9768	C-R	25X36X8
97050	MCCOR	455121	9725	C-R	222540	9743LUP	JN-MN	471231 <sup>28</sup>	9768	SKF	25X36X8
97051	MCCOR	417596	9725	SKF	222540	97448	CHRYSLER	9376	97715620	GMC	370003A
97051954	GMC	710114	9727	C-R	222540	97449	CHRYSLER	9487	97715620	GMC	380003A
97053	MCCOR	455117	9727	SKF	222540	9744LPD	JN-MN	451583 <sup>28</sup>	9772056	GMC	7412S
97054	MCCOR	417604	97281	HYST	450593 <sup>28</sup>	9744LUP	JN-MN	451583 <sup>28</sup>	9772831	GMC	5095
97055	MCCOR	415871	97287358	GMC	710770	9745	C-R	25X47X7	97737HA	IH	5MR1008
97057	MCCOR	416364 <sup>28</sup>	97-294413	BUC-E	415001 <sup>28</sup>	9745	SKF	25X47X7	9773R	TIMKE	9773
97058	MCCOR	415077	97-294413	BUC-E	455001	97461R91	IH	417316 <sup>28</sup>	9775113	GMC	8594S
97059	MCCOR	417549 <sup>28</sup>	9729LPD	JN-MN	415379 <sup>28</sup>	974631	SPICE	472015 <sup>28</sup>	9775114	GMC	8594S
9705LPD	JN-MN	417223	9729LPD	JN-MN	455379	974632	SPICE	412015V	9775115	GMC	8594S
9705LUP	JN-MN	417223	9729LUP	JN-MN	415379 <sup>28</sup>	9746326	SPICE	415836N	9776620	GMC	410059
9706	C-R	712007	9729LUP	JN-MN	455379	9746332	SPICE	412015V	9776620	GMC	470380 <sup>28</sup>
9706	SKF	712007	972E-13	CLARK	450083	9746333	SPICE	3893V <sup>28</sup>	9776624	GMC	7412S
97060	MCCOR	455480 <sup>28</sup>	972E-13	CLARK	472924 <sup>28</sup>	97-463-39	DANA	714713	9778371	GMC	8940S
97064	MCCOR	415867	972E-14	CLARK	415003	97474	CHRYSLER	472258 <sup>28</sup>	9778372	GMC	8940S
97065	MCCOR	455583N <sup>28</sup>	972E-14	CLARK	415458 <sup>28</sup>	97474	NPG	472258 <sup>28</sup>	978016	HYST	6988H
97066	MCCOR	417597	972E15	CLARK	473232 <sup>28</sup>	9750	C-R	25X48X8	9781063	GMC	471413 <sup>28</sup>
97069	HYST	413246	972E-16	CLARK	450085	9750	SKF	25X48X8	9782153	GMC	7399S <sup>28</sup>
97069	HYST	413246N	972E-16	CLARK	470530 <sup>28</sup>	97501	MCCOR	5401	9782209	GMC	480844
97070182	GMC	3543	972E17	CLARK	472826 <sup>28</sup>	97503	MCCOR	5403	9782288	GMC	7399S <sup>28</sup>
97072405	GMC	3543	972E18	CLARK	470682	97508	MCCOR	5408	9784286	GMC	2043
9707LPD	JN-MN	455356	972E-21	CLARK	450095	9750LPD	JN-MN	417480 <sup>28</sup>	9784508	GMC	2043
9707LUP	JN-MN	455356	972E-21	CLARK	473464 <sup>28</sup>	9750LPD	JN-MN	455860	97871	CHRYSLER	410308 <sup>28</sup>
9709	C-R	712007	972E-22	CLARK	472439	9750LUP	JN-MN	417480 <sup>28</sup>	97871	CHRYSLER	473468
9709	SKF	712007	972E-23	CLARK	450067	9750LUP	JN-MN	455860	9787344	GMC	332062
9710	C-R	25X36X7	972E-23	CLARK	473228	9751	C-R	25X48X8	9788739	GMC	8705S
9710	SKF	25X36X7	972E-24	CLARK	45187S	9751	SKF	25X48X8	9789LPD	JN-MN	470045
971086R91	IH	8635S	972E-27	CLARK	470163	97510800	CITRO	716102	9789LPD	JN-MN	476838 <sup>28</sup>
9710LPD	JN-MN	470334 <sup>28</sup>	972E-27	CLARK	471766 <sup>28</sup>	97515	MCCOR	5458	9789LUP	JN-MN	470045
9710LUP	JN-MN	470334 <sup>28</sup>	972E31	CLARK	450154	97517	MCCOR	370002A	9789LUP	JN-MN	476838 <sup>28</sup>
9714LPD	JN-MN	350974 <sup>28</sup>	972E31	CLARK	473234	97518	MCCOR	370009A	978M-6K292-A2C	FORD	710899
9715	C-R	320603	972E-33	CLARK	450067	9751LPD	JN-MN	450519	978M-6K292-A2D	FORD	710899
9715	SKF	320603	972E-33	CLARK	473228	9751LPD	JN-MN	471271 <sup>28</sup>	9790LPD	JN-MN	471271 <sup>28</sup>
9715LPD	JN-MN	415259 <sup>28</sup>	972E-6	CLARK	415458 <sup>28</sup>	9751LUP	JN-MN	450519	9790LUP	JN-MN	471271 <sup>28</sup>
9715LUP	JN-MN	415259 <sup>28</sup>	972E-6	CLARK	455003	9751LUP	JN-MN	471271 <sup>28</sup>	9793675	GMC	2043

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
9793685	GMC	2043	97GX122	JOY	450076	97GX166	JOY	417073	97GX214	JOY	415035 <sup>2B</sup>
9794LPD	JN-MN	455024	97GX122	JOY	470334 <sup>2B</sup>	97GX167	JOY	411245 <sup>2B</sup>	97GX214	JOY	455035
9794LUP	JN-MN	455024	97GX123	JOY	473458	97GX167	JOY	455096	97GX215	JOY	417511
97955	HYST	472287 <sup>2B</sup>	97GX124	JOY	450298	97GX17	JOY	415074	97GX216	JOY	417511
9797LPD	JN-MN	417269 <sup>2B</sup>	97GX124	JOY	473239	97GX171	JOY	470605 <sup>2B</sup>	97GX218	JOY	417513
9797LUP	JN-MN	417269 <sup>2B</sup>	97GX125	JOY	471868	97GX172	JOY	470605 <sup>2B</sup>	97GX219	JOY	455195
9799LPD	JN-MN	470351	97GX126	JOY	472439	97GX173	JOY	415449 <sup>2B</sup>	97GX219	JOY	472157 <sup>2B</sup>
9799LPD	JN-MN	471504 <sup>2B</sup>	97GX127	JOY	450117	97GX173	JOY	455147	97GX22	JOY	455024
9799LUP	JN-MN	470351	97GX127	JOY	472572 <sup>2B</sup>	97GX174	JOY	455079 <sup>2B</sup>	97GX220	JOY	455195
9799LUP	JN-MN	471504 <sup>2B</sup>	97GX128	JOY	455117	97GX175	JOY	415082	97GX220	JOY	472157 <sup>2B</sup>
97GK179	JOY	417485	97GX13	JOY	415035 <sup>2B</sup>	97GX177	JOY	415988	97GX221	JOY	416891 <sup>2B</sup>
97GK29	JOY	415645 <sup>2B</sup>	97GX13	JOY	455035	97GX178	JOY	415302	97GX222	JOY	416137
97GK29	JOY	455104	97GX130	JOY	450094	97GX179	JOY	417485	97GX226	JOY	415196 <sup>2B</sup>
97GK32	JOY	473313	97GX130	JOY	473462	97GX18	JOY	416339	97GX227	JOY	416888 <sup>2B</sup>
97GK33	JOY	415007	97GX131	JOY	472394	97GX18	JOY	455031 <sup>2B</sup>	97GX227	JOY	455200
97GK4	JOY	416666	97GX132	JOY	450389	97GX180	JOY	455005	97GX228	JOY	417532
97GT-7052AA	FORD	2655	97GX132	JOY	472492 <sup>2B</sup>	97GX181	JOY	417344 <sup>2B</sup>	97GX229	JOY	416154 <sup>2B</sup>
97GT-7A248AA	FORD	710535	97GX133	JOY	450389	97GX181	JOY	455006	97GX223	JOY	412119 <sup>2B</sup>
97GX1	JOY	417563	97GX133	JOY	472492 <sup>2B</sup>	97GX182	JOY	417158 <sup>2B</sup>	97GX23	JOY	450101
97GX10	JOY	415058	97GX134	JOY	450301	97GX182	JOY	455355	97GX230	JOY	417532
97GX100	JOY	471736	97GX134	JOY	472397 <sup>2B</sup>	97GX183	JOY	417344 <sup>2B</sup>	97GX231	JOY	415371
97GX101	JOY	471750 <sup>2B</sup>	97GX135	JOY	473242	97GX183	JOY	455006	97GX232	JOY	417535
97GX102	JOY	471192	97GX136	JOY	473463	97GX185	JOY	416654 <sup>2B</sup>	97GX233	JOY	415138 <sup>2B</sup>
97GX103	JOY	470169	97GX137	JOY	416738 <sup>2B</sup>	97GX185	JOY	455012	97GX235	JOY	415725 <sup>2B</sup>
97GX103	JOY	473214	97GX137	JOY	450096	97GX186	JOY	415281N	97GX236	JOY	417278
97GX104	JOY	470169	97GX138	JOY	450307	97GX187	JOY	417350 <sup>2B</sup>	97GX237	JOY	417542
97GX104	JOY	473214	97GX14	JOY	330385 <sup>2B</sup>	97GX187	JOY	455479	97GX24	JOY	471765 <sup>2B</sup>
97GX105	JOY	470950 <sup>2B</sup>	97GX140	JOY	450115	97GX188	JOY	417350 <sup>2B</sup>	97GX241	JOY	417262 <sup>2B</sup>
97GX105	JOY	6241S	97GX140	JOY	473467	97GX188	JOY	455479	97GX241	JOY	455448
97GX106	JOY	471820	97GX142	JOY	410312N	97GX189	JOY	417351 <sup>2B</sup>	97GX246	JOY	415072
97GX107	JOY	470548	97GX143	JOY	413469 <sup>2B</sup>	97GX189	JOY	455154	97GX249	JOY	455480 <sup>2B</sup>
97GX107	JOY	470625 <sup>2B</sup>	97GX144	JOY	472015 <sup>2B</sup>	97GX19	JOY	415064	97GX25	JOY	417316 <sup>2B</sup>
97GX108	JOY	470548	97GX145	JOY	473243	97GX190	JOY	417487	97GX25	JOY	455004
97GX108	JOY	470625 <sup>2B</sup>	97GX146	JOY	450365	97GX190	JOY	455086	97GX250	JOY	416239 <sup>2B</sup>
97GX109	JOY	470059	97GX146	JOY	470898	97GX191	JOY	417488 <sup>2B</sup>	97GX26	JOY	455018
97GX109	JOY	470380 <sup>2B</sup>	97GX147	JOY	472015 <sup>2B</sup>	97GX192	JOY	415995 <sup>2B</sup>	97GX26	JOY	476470
97GX11	JOY	417487	97GX148	JOY	473245 <sup>2B</sup>	97GX192	JOY	455013	97GX260	JOY	411394 <sup>2B</sup>
97GX11	JOY	455014	97GX149	JOY	410520	97GX195	JOY	416011	97GX260	JOY	450317
97GX110	JOY	470059	97GX149	JOY	471272 <sup>2B</sup>	97GX195	JOY	417621 <sup>2B</sup>	97GX27	JOY	416137
97GX110	JOY	470380 <sup>2B</sup>	97GX15	JOY	455008	97GX196	JOY	415021	97GX28	JOY	415036
97GX111	JOY	470064	97GX150	JOY	471138 <sup>2B</sup>	97GX197	JOY	417490	97GX3	JOY	416107 <sup>2B</sup>
97GX111	JOY	471821 <sup>2B</sup>	97GX153	JOY	411253 <sup>2B</sup>	97GX198	JOY	417490	97GX3	JOY	455073
97GX112	JOY	450185	97GX153	JOY	450099	97GX199	JOY	455336	97GX30	JOY	416921 <sup>2B</sup>
97GX112	JOY	473229	97GX154	JOY	412920 <sup>2B</sup>	97GX2	JOY	417546 <sup>2B</sup>	97GX30	JOY	455011
97GX113	JOY	450185	97GX154	JOY	450132	97GX20	JOY	415045 <sup>2B</sup>	97GX31	JOY	455019 <sup>2B</sup>
97GX113	JOY	473229	97GX155	JOY	455136	97GX200	JOY	455336	97GX34	JOY	415025
97GX114	JOY	470682	97GX156	JOY	411376 <sup>2B</sup>	97GX201	JOY	418028	97GX35	JOY	470169
97GX115	JOY	450078	97GX156	JOY	455093	97GX201	JOY	455137 <sup>2B</sup>	97GX35	JOY	473214
97GX115	JOY	473444	97GX157	JOY	410737 <sup>2B</sup>	97GX202	JOY	418028	97GX36	JOY	415988
97GX116	JOY	473236 <sup>2B</sup>	97GX157	JOY	450737	97GX202	JOY	455137 <sup>2B</sup>	97GX37	JOY	471138 <sup>2B</sup>
97GX117	JOY	470074	97GX158	JOY	410694 <sup>2B</sup>	97GX203	JOY	455018	97GX38	JOY	6863S <sup>2B</sup>
97GX117	JOY	474265	97GX159	JOY	411394 <sup>2B</sup>	97GX203	JOY	476470	97GX39	JOY	416664 <sup>2B</sup>
97GX118	JOY	450068	97GX159	JOY	450317	97GX205	JOY	417491	97GX39	JOY	455364
97GX119	JOY	470351	97GX16	JOY	470163	97GX207	JOY	412473 <sup>2B</sup>	97GX40	JOY	472029
97GX119	JOY	471504 <sup>2B</sup>	97GX16	JOY	471766 <sup>2B</sup>	97GX207	JOY	415894	97GX41	JOY	417507 <sup>2B</sup>
97GX12	JOY	456105	97GX163	JOY	413247 <sup>2B</sup>	97GX208	JOY	415437	97GX41	JOY	455513
97GX120	JOY	450183	97GX163	JOY	450350	97GX21	JOY	416892 <sup>2B</sup>	97GX43	JOY	418028
97GX120	JOY	472179	97GX164	JOY	412119 <sup>2B</sup>	97GX211	JOY	417211 <sup>2B</sup>	97GX43	JOY	455137 <sup>2B</sup>
97GX121	JOY	450183	97GX164	JOY	450101	97GX213	JOY	417356 <sup>2B</sup>	97GX44	JOY	450067
97GX121	JOY	472179	97GX165	JOY	416271 <sup>2B</sup>	97GX213	JOY	455188	97GX44	JOY	473228

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
97GX45	JOY	471532	97GX98	JOY	471692 <sup>28</sup>	97KX132	JOY	450389	97KX182	JOY	455355
97GX46	JOY	473238 <sup>28</sup>	97GX99	JOY	471785 <sup>28</sup>	97KX132	JOY	472492 <sup>28</sup>	97KX183	JOY	417344 <sup>28</sup>
97GX47	JOY	415960	97KX1	JOY	417563	97KX133	JOY	450389	97KX183	JOY	455006
97GX47	JOY	455009	97KX10	JOY	415058	97KX133	JOY	472492 <sup>28</sup>	97KX185	JOY	416654 <sup>28</sup>
97GX48	JOY	450083	97KX100	JOY	471736	97KX134	JOY	450301	97KX185	JOY	455012
97GX48	JOY	472924 <sup>28</sup>	97KX101	JOY	471750 <sup>28</sup>	97KX134	JOY	472397 <sup>28</sup>	97KX186	JOY	415281N
97GX49	JOY	417356 <sup>28</sup>	97KX102	JOY	471192	97KX135	JOY	473242	97KX187	JOY	417350 <sup>28</sup>
97GX49	JOY	455188	97KX103	JOY	470169	97KX136	JOY	473463	97KX187	JOY	455479
97GX5	JOY	450070	97KX103	JOY	473214	97KX137	JOY	416738 <sup>28</sup>	97KX188	JOY	417350 <sup>28</sup>
97GX5	JOY	472185 <sup>28</sup>	97KX104	JOY	470169	97KX137	JOY	450096	97KX188	JOY	455479
97GX50	JOY	473463	97KX104	JOY	473214	97KX138	JOY	450307	97KX189	JOY	417351 <sup>28</sup>
97GX51	JOY	450316	97KX105	JOY	470950 <sup>28</sup>	97KX140	JOY	450115	97KX189	JOY	455154
97GX51	JOY	472636 <sup>28</sup>	97KX105	JOY	6241S	97KX140	JOY	473467	97KX19	JOY	415064
97GX52	JOY	415995 <sup>28</sup>	97KX106	JOY	471820	97KX142	JOY	410312N	97KX190	JOY	417487
97GX52	JOY	455013	97KX107	JOY	470548	97KX143	JOY	413469 <sup>28</sup>	97KX190	JOY	455086
97GX53	JOY	471646 <sup>28</sup>	97KX107	JOY	470625 <sup>28</sup>	97KX144	JOY	472015 <sup>28</sup>	97KX191	JOY	417488 <sup>28</sup>
97GX54	JOY	471472 <sup>28</sup>	97KX108	JOY	470548	97KX145	JOY	473243	97KX192	JOY	415995 <sup>28</sup>
97GX55	JOY	450316	97KX108	JOY	470625 <sup>28</sup>	97KX146	JOY	450365	97KX192	JOY	455013
97GX55	JOY	472636 <sup>28</sup>	97KX109	JOY	470059	97KX146	JOY	470898	97KX194	JOY	417172
97GX57	JOY	416153 <sup>28</sup>	97KX109	JOY	470380 <sup>28</sup>	97KX147	JOY	472015 <sup>28</sup>	97KX195	JOY	416011
97GX58	JOY	450085	97KX11	JOY	417487	97KX148	JOY	473245 <sup>28</sup>	97KX195	JOY	417621 <sup>28</sup>
97GX58	JOY	470530 <sup>28</sup>	97KX11	JOY	455014	97KX149	JOY	410520	97KX196	JOY	415021
97GX6	JOY	450084 <sup>28</sup>	97KX110	JOY	470059	97KX149	JOY	471272 <sup>28</sup>	97KX197	JOY	417490
97GX63	JOY	455655 <sup>28</sup>	97KX110	JOY	470380 <sup>28</sup>	97KX15	JOY	455008	97KX198	JOY	417490
97GX7	JOY	415449 <sup>28</sup>	97KX111	JOY	470064	97KX150	JOY	471138 <sup>28</sup>	97KX199	JOY	455336
97GX7	JOY	455147	97KX111	JOY	471821 <sup>28</sup>	97KX153	JOY	411253 <sup>28</sup>	97KX2	JOY	417546 <sup>28</sup>
97GX70	JOY	470954 <sup>28</sup>	97KX112	JOY	450185	97KX153	JOY	450099	97KX20	JOY	415045 <sup>28</sup>
97GX71	JOY	412920 <sup>28</sup>	97KX112	JOY	473229	97KX154	JOY	412920 <sup>28</sup>	97KX200	JOY	455336
97GX71	JOY	450132	97KX113	JOY	450185	97KX154	JOY	450132	97KX201	JOY	418028
97GX72	JOY	471551 <sup>28</sup>	97KX113	JOY	473229	97KX155	JOY	455136	97KX201	JOY	455137 <sup>28</sup>
97GX75	JOY	330385 <sup>28</sup>	97KX114	JOY	470682	97KX156	JOY	411376 <sup>28</sup>	97KX202	JOY	418028
97GX76	JOY	473236 <sup>28</sup>	97KX115	JOY	450078	97KX156	JOY	455093	97KX202	JOY	455137 <sup>28</sup>
97GX77	JOY	472810 <sup>28</sup>	97KX115	JOY	473444	97KX157	JOY	410737 <sup>28</sup>	97KX203	JOY	455018
97GX78	JOY	471442 <sup>28</sup>	97KX116	JOY	473236 <sup>28</sup>	97KX157	JOY	450737	97KX203	JOY	476470
97GX79	JOY	471532	97KX117	JOY	470074	97KX158	JOY	410694 <sup>28</sup>	97KX205	JOY	417491
97GX8	JOY	413469 <sup>28</sup>	97KX117	JOY	474265	97KX159	JOY	411394 <sup>28</sup>	97KX207	JOY	412473 <sup>28</sup>
97GX81	JOY	471529	97KX118	JOY	450068	97KX159	JOY	450317	97KX207	JOY	415894
97GX83	JOY	470590	97KX119	JOY	470351	97KX16	JOY	470163	97KX208	JOY	415437
97GX84	JOY	471267 <sup>28</sup>	97KX119	JOY	471504 <sup>28</sup>	97KX16	JOY	471766 <sup>28</sup>	97KX21	JOY	416892 <sup>28</sup>
97GX85	JOY	470590	97KX12	JOY	456105	97KX163	JOY	413247 <sup>28</sup>	97KX211	JOY	417211 <sup>28</sup>
97GX86	JOY	471571	97KX120	JOY	450183	97KX163	JOY	450350	97KX212	JOY	415034 <sup>28</sup>
97GX88	JOY	471648	97KX120	JOY	472179	97KX164	JOY	412119 <sup>28</sup>	97KX212	JOY	455034
97GX89	JOY	470120	97KX121	JOY	450183	97KX164	JOY	450101	97KX213	JOY	417356 <sup>28</sup>
97GX89	JOY	471224 <sup>28</sup>	97KX121	JOY	472179	97KX165	JOY	416271 <sup>28</sup>	97KX213	JOY	455188
97GX9	JOY	415027 <sup>28</sup>	97KX122	JOY	450076	97KX166	JOY	417073	97KX214	JOY	415035 <sup>28</sup>
97GX9	JOY	455027	97KX122	JOY	470334 <sup>28</sup>	97KX167	JOY	411245 <sup>28</sup>	97KX214	JOY	455035
97GX90	JOY	470219	97KX123	JOY	473458	97KX167	JOY	455096	97KX215	JOY	417511
97GX90	JOY	471649 <sup>28</sup>	97KX124	JOY	450298	97KX17	JOY	415074	97KX216	JOY	417511
97GX91	JOY	470120	97KX124	JOY	473239	97KX170	JOY	410496 <sup>28</sup>	97KX218	JOY	417513
97GX91	JOY	471224 <sup>28</sup>	97KX125	JOY	471868	97KX171	JOY	470605 <sup>28</sup>	97KX219	JOY	455195
97GX92	JOY	481650	97KX126	JOY	472439	97KX172	JOY	470605 <sup>28</sup>	97KX219	JOY	472157 <sup>28</sup>
97GX93	JOY	450444	97KX127	JOY	450117	97KX174	JOY	455079 <sup>28</sup>	97KX22	JOY	455024
97GX93	JOY	471835 <sup>28</sup>	97KX127	JOY	472572 <sup>28</sup>	97KX175	JOY	415082	97KX220	JOY	455195
97GX94	JOY	471763	97KX128	JOY	450117	97KX177	JOY	415988	97KX220	JOY	472157 <sup>28</sup>
97GX95	JOY	470045	97KX128	JOY	472572 <sup>28</sup>	97KX178	JOY	415302	97KX221	JOY	416891 <sup>28</sup>
97GX95	JOY	476838 <sup>28</sup>	97KX13	JOY	415035 <sup>28</sup>	97KX179	JOY	417485	97KX222	JOY	416137
97GX96	JOY	470712 <sup>28</sup>	97KX13	JOY	455035	97KX180	JOY	455005	97KX226	JOY	415196 <sup>28</sup>
97GX97	JOY	470189	97KX130	JOY	450094	97KX181	JOY	417344 <sup>28</sup>	97KX227	JOY	416888 <sup>28</sup>
97GX97	JOY	471692 <sup>28</sup>	97KX130	JOY	473462	97KX181	JOY	455006	97KX227	JOY	455200
97GX98	JOY	470189	97KX131	JOY	472394	97KX182	JOY	417158 <sup>28</sup>	97KX228	JOY	417532

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
97KX229	JOY	416154 <sup>2B</sup>	97KX52	JOY	455013	97LX68	JOY	471271 <sup>2B</sup>	97MX150	JOY	455583N <sup>2B</sup>
97KX23	JOY	412119 <sup>2B</sup>	97KX53	JOY	471646 <sup>2B</sup>	97LX81	JOY	450083	97MX153	JOY	417596
97KX23	JOY	450101	97KX55	JOY	450316	97LX81	JOY	472924 <sup>2B</sup>	97MX156	JOY	416364 <sup>2B</sup>
97KX230	JOY	417532	97KX55	JOY	472636 <sup>2B</sup>	97MF-6K292AA	FORD	224650	97MX157	JOY	415116
97KX231	JOY	415371	97KX57	JOY	416153 <sup>2B</sup>	97MX1	JOY	471466 <sup>2B</sup>	97MX159	JOY	417602 <sup>2B</sup>
97KX232	JOY	417535	97KX58	JOY	450085	97MX10	JOY	471267 <sup>2B</sup>	97MX160	JOY	417604
97KX233	JOY	415138 <sup>2B</sup>	97KX58	JOY	470530 <sup>2B</sup>	97MX102	JOY	415960	97MX161	JOY	415128
97KX235	JOY	415725 <sup>2B</sup>	97KX6	JOY	450084 <sup>2B</sup>	97MX102	JOY	455009	97MX162	JOY	55301S
97KX236	JOY	417278	97KX7	JOY	415449 <sup>2B</sup>	97MX106	JOY	415995 <sup>2B</sup>	97MX163	JOY	415090
97KX237	JOY	417542	97KX7	JOY	455147	97MX106	JOY	455013	97MX164	JOY	415001 <sup>2B</sup>
97KX24	JOY	471765 <sup>2B</sup>	97KX70	JOY	470954 <sup>2B</sup>	97MX109	JOY	416011	97MX164	JOY	455001
97KX241	JOY	417262 <sup>2B</sup>	97KX71	JOY	412920 <sup>2B</sup>	97MX109	JOY	417621 <sup>2B</sup>	97MX165	JOY	415645 <sup>2B</sup>
97KX241	JOY	455448	97KX71	JOY	450132	97MX111	JOY	471570 <sup>2B</sup>	97MX165	JOY	455104
97KX246	JOY	415072	97KX75	JOY	330385 <sup>2B</sup>	97MX112	JOY	455018	97MX17	JOY	450342
97KX249	JOY	455480 <sup>2B</sup>	97KX76	JOY	473236 <sup>2B</sup>	97MX112	JOY	476470	97MX171	JOY	455330 <sup>2B</sup>
97KX25	JOY	417316 <sup>2B</sup>	97KX77	JOY	472810 <sup>2B</sup>	97MX113	JOY	418028	97MX177	JOY	416891 <sup>2B</sup>
97KX25	JOY	455004	97KX78	JOY	471442 <sup>2B</sup>	97MX113	JOY	455137 <sup>2B</sup>	97MX179	JOY	450316
97KX250	JOY	416239 <sup>2B</sup>	97KX79	JOY	471532	97MX116	JOY	415991	97MX179	JOY	472636 <sup>2B</sup>
97KX26	JOY	455018	97KX8	JOY	413469 <sup>2B</sup>	97MX116	JOY	455146 <sup>2B</sup>	97MX18	JOY	471762 <sup>2B</sup>
97KX26	JOY	476470	97KX81	JOY	471529	97MX117	JOY	416339	97MX187	JOY	416364 <sup>2B</sup>
97KX27	JOY	416137	97KX83	JOY	470590	97MX117	JOY	455031 <sup>2B</sup>	97MX19	JOY	473420
97KX28	JOY	415036	97KX84	JOY	471267 <sup>2B</sup>	97MX118	JOY	416339	97MX197	JOY	415138 <sup>2B</sup>
97KX29	JOY	415645 <sup>2B</sup>	97KX85	JOY	470590	97MX118	JOY	455031 <sup>2B</sup>	97MX2	JOY	471466 <sup>2B</sup>
97KX29	JOY	455104	97KX86	JOY	471571	97MX119	JOY	417211 <sup>2B</sup>	97MX20	JOY	471747 <sup>2B</sup>
97KX3	JOY	416107 <sup>2B</sup>	97KX88	JOY	471648	97MX12	JOY	471571	97MX20	JOY	472674
97KX3	JOY	455073	97KX89	JOY	470120	97MX120	JOY	416345 <sup>2B</sup>	97MX21	JOY	471763
97KX30	JOY	416921 <sup>2B</sup>	97KX89	JOY	471224 <sup>2B</sup>	97MX120	JOY	455033	97MX22	JOY	450154
97KX30	JOY	455011	97KX9	JOY	415027 <sup>2B</sup>	97MX121	JOY	415034 <sup>2B</sup>	97MX22	JOY	473234
97KX31	JOY	455019 <sup>2B</sup>	97KX9	JOY	455027	97MX121	JOY	455034	97MX25	JOY	471765 <sup>2B</sup>
97KX32	JOY	473313	97KX90	JOY	470219	97MX124	JOY	415036	97MX26	JOY	471413 <sup>2B</sup>
97KX33	JOY	415007	97KX90	JOY	471649 <sup>2B</sup>	97MX125	JOY	415295	97MX27	JOY	470163
97KX34	JOY	415025	97KX91	JOY	470120	97MX127	JOY	416891 <sup>2B</sup>	97MX27	JOY	471766 <sup>2B</sup>
97KX35	JOY	470169	97KX91	JOY	471224 <sup>2B</sup>	97MX128	JOY	455195	97MX28	JOY	473213 <sup>2B</sup>
97KX35	JOY	473214	97KX92	JOY	481650	97MX128	JOY	472157 <sup>2B</sup>	97MX29	JOY	471344 <sup>2B</sup>
97KX36	JOY	415988	97KX93	JOY	450444	97MX129	JOY	416888 <sup>2B</sup>	97MX29	JOY	455006
97KX37	JOY	471138 <sup>2B</sup>	97KX93	JOY	471835 <sup>2B</sup>	97MX129	JOY	455200	97MX3	JOY	471466 <sup>2B</sup>
97KX39	JOY	416664 <sup>2B</sup>	97KX94	JOY	471763	97MX13	JOY	450039	97MX31	JOY	471750 <sup>2B</sup>
97KX39	JOY	455364	97KX95	JOY	470045	97MX130	JOY	416154 <sup>2B</sup>	97MX32	JOY	471413 <sup>2B</sup>
97KX4	JOY	416666	97KX95	JOY	476838 <sup>2B</sup>	97MX132	JOY	416158	97MX34	JOY	417316 <sup>2B</sup>
97KX40	JOY	472029	97KX96	JOY	470712 <sup>2B</sup>	97MX133	JOY	415138 <sup>2B</sup>	97MX34	JOY	455004
97KX41	JOY	417507 <sup>2B</sup>	97KX97	JOY	470189	97MX134	JOY	415066	97MX38	JOY	481163 <sup>2B</sup>
97KX41	JOY	455513	97KX97	JOY	471692 <sup>2B</sup>	97MX135	JOY	416167 <sup>2B</sup>	97MX39	JOY	471192
97KX43	JOY	418028	97KX98	JOY	470189	97MX135	JOY	455091	97MX40	JOY	472029
97KX43	JOY	455137 <sup>2B</sup>	97KX98	JOY	471692 <sup>2B</sup>	97MX136	JOY	416167 <sup>2B</sup>	97MX42	JOY	470169
97KX44	JOY	450067	97KX99	JOY	471785 <sup>2B</sup>	97MX136	JOY	455091	97MX42	JOY	473214
97KX44	JOY	473228	97LX127	JOY	416891 <sup>2B</sup>	97MX137	JOY	416865 <sup>2B</sup>	97MX43	JOY	473215 <sup>2B</sup>
97KX45	JOY	471532	97LX133	JOY	415138 <sup>2B</sup>	97MX137	JOY	455070	97MX44	JOY	473226
97KX46	JOY	473238 <sup>2B</sup>	97LX276	JOY	476470	97MX138	JOY	416865 <sup>2B</sup>	97MX45	JOY	473225 <sup>2B</sup>
97KX47	JOY	415960	97LX29	JOY	417344 <sup>2B</sup>	97MX138	JOY	455070	97MX47	JOY	470548
97KX47	JOY	455009	97LX29	JOY	455006	97MX139	JOY	455290	97MX47	JOY	470625 <sup>2B</sup>
97KX48	JOY	450083	97LX31	JOY	471750 <sup>2B</sup>	97MX14	JOY	470120	97MX48	JOY	470059
97KX48	JOY	472924 <sup>2B</sup>	97LX32	JOY	40140S	97MX14	JOY	471224 <sup>2B</sup>	97MX48	JOY	470380 <sup>2B</sup>
97KX49	JOY	417356 <sup>2B</sup>	97LX40	JOY	472029	97MX141	JOY	417551	97MX49	JOY	470059
97KX49	JOY	455188	97LX52	JOY	415995 <sup>2B</sup>	97MX143	JOY	417254	97MX49	JOY	470380 <sup>2B</sup>
97KX5	JOY	450070	97LX52	JOY	455013	97MX144	JOY	480630 <sup>2B</sup>	97MX50	JOY	450185
97KX5	JOY	472185 <sup>2B</sup>	97LX53	JOY	415991	97MX145	JOY	417555 <sup>2B</sup>	97MX50	JOY	473229
97KX50	JOY	473463	97LX53	JOY	455146 <sup>2B</sup>	97MX147	JOY	417780	97MX51	JOY	450316
97KX51	JOY	450316	97LX66	JOY	450389	97MX149	JOY	415072	97MX51	JOY	472636 <sup>2B</sup>
97KX51	JOY	472636 <sup>2B</sup>	97LX66	JOY	472492 <sup>2B</sup>	97MX15	JOY	470219	97MX52	JOY	415995 <sup>2B</sup>
97KX52	JOY	415995 <sup>2B</sup>	97LX68	JOY	450519	97MX15	JOY	471649 <sup>2B</sup>	97MX52	JOY	455013

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
97MX53	JOY	415991	97VX10	JOY	415058	97VX140	JOY	455336	97VX44	JOY	450067
97MX53	JOY	455146 <sup>2B</sup>	97VX100	JOY	450070	97VX141	JOY	415023	97VX44	JOY	473228
97MX56	JOY	470682	97VX100	JOY	472185 <sup>2B</sup>	97VX142	JOY	415937 <sup>2B</sup>	97VX45	JOY	473225 <sup>2B</sup>
97MX57	JOY	470358	97VX101	JOY	450183	97VX143	JOY	455032 <sup>2B</sup>	97VX46	JOY	450082
97MX57	JOY	473231	97VX101	JOY	472179	97VX144	JOY	415034 <sup>2B</sup>	97VX46	JOY	473238
97MX58	JOY	450194	97VX102	JOY	450089	97VX144	JOY	455034	97VX47	JOY	415960
97MX58	JOY	473010	97VX103	JOY	473450	97VX145	JOY	417513	97VX47	JOY	455009
97MX59	JOY	450194	97VX104	JOY	473458	97VX146	JOY	455195	97VX48	JOY	450083
97MX59	JOY	473010	97VX105	JOY	450298	97VX146	JOY	472157 <sup>2B</sup>	97VX48	JOY	472924 <sup>2B</sup>
97MX60	JOY	473445	97VX105	JOY	473239	97VX147	JOY	416891 <sup>2B</sup>	97VX49	JOY	417356 <sup>2B</sup>
97MX61	JOY	450154	97VX106	JOY	471868	97VX148	JOY	416153 <sup>2B</sup>	97VX49	JOY	455188
97MX61	JOY	473234	97VX107	JOY	472439	97VX149	JOY	415371	97VX5	JOY	472185 <sup>2B</sup>
97MX62	JOY	470074	97VX108	JOY	472394	97VX15	JOY	455008	97VX50	JOY	473463
97MX62	JOY	474265	97VX109	JOY	450301	97VX150	JOY	415138 <sup>2B</sup>	97VX52	JOY	415995 <sup>2B</sup>
97MX63	JOY	450494	97VX109	JOY	472397 <sup>2B</sup>	97VX151	JOY	457874	97VX52	JOY	455013
97MX63	JOY	472164 <sup>2B</sup>	97VX11	JOY	417487	97VX152	JOY	416239 <sup>2B</sup>	97VX53	JOY	471646 <sup>2B</sup>
97MX64	JOY	450183	97VX11	JOY	455014	97VX153	JOY	417507 <sup>2B</sup>	97VX54	JOY	450069
97MX64	JOY	472179	97VX110	JOY	473242	97VX153	JOY	455513	97VX54	JOY	473232
97MX66	JOY	450389	97VX111	JOY	410102	97VX156	JOY	472560N <sup>2B</sup>	97VX55	JOY	450316
97MX66	JOY	472492 <sup>2B</sup>	97VX112	JOY	416738 <sup>2B</sup>	97VX156	JOY	50151S	97VX55	JOY	472636 <sup>2B</sup>
97MX68	JOY	450519	97VX112	JOY	450096	97VX159	JOY	471472 <sup>2B</sup>	97VX57	JOY	416153 <sup>2B</sup>
97MX68	JOY	471271 <sup>2B</sup>	97VX113	JOY	450307	97VX16	JOY	470163	97VX58	JOY	450085
97MX69	JOY	415449 <sup>2B</sup>	97VX114	JOY	450115	97VX16	JOY	471766 <sup>2B</sup>	97VX58	JOY	470530 <sup>2B</sup>
97MX69	JOY	455147	97VX114	JOY	473467	97VX17	JOY	457874	97VX59	JOY	450095
97MX7	JOY	471231 <sup>2B</sup>	97VX115	JOY	413469 <sup>2B</sup>	97VX18	JOY	416339	97VX59	JOY	473464 <sup>2B</sup>
97MX70	JOY	450291	97VX116	JOY	410312N	97VX18	JOY	455031 <sup>2B</sup>	97VX6	JOY	450084 <sup>2B</sup>
97MX70	JOY	471141 <sup>2B</sup>	97VX117	JOY	472015 <sup>2B</sup>	97VX19	JOY	415064	97VX60	JOY	410190
97MX73	JOY	450118	97VX118	JOY	473243	97VX2	JOY	417546 <sup>2B</sup>	97VX61	JOY	471571
97MX73	JOY	473449	97VX119	JOY	473245 <sup>2B</sup>	97VX20	JOY	415045 <sup>2B</sup>	97VX62	JOY	470712 <sup>2B</sup>
97MX76	JOY	472439	97VX12	JOY	456105	97VX21	JOY	416892 <sup>2B</sup>	97VX63	JOY	473016 <sup>2B</sup>
97MX77	JOY	450117	97VX120	JOY	412920 <sup>2B</sup>	97VX22	JOY	455024	97VX64	JOY	470059
97MX77	JOY	472572 <sup>2B</sup>	97VX120	JOY	450132	97VX23	JOY	412119 <sup>2B</sup>	97VX64	JOY	470380 <sup>2B</sup>
97MX78	JOY	472319	97VX121	JOY	411376 <sup>2B</sup>	97VX23	JOY	450101	97VX65	JOY	471820
97MX8	JOY	450030	97VX121	JOY	455093	97VX24	JOY	471765 <sup>2B</sup>	97VX66	JOY	470064
97MX8	JOY	474253	97VX122	JOY	410737 <sup>2B</sup>	97VX25	JOY	417316 <sup>2B</sup>	97VX66	JOY	471821 <sup>2B</sup>
97MX80	JOY	472394	97VX122	JOY	450737	97VX25	JOY	455004	97VX67	JOY	450194
97MX81	JOY	450083	97VX123	JOY	410694 <sup>2B</sup>	97VX26	JOY	455018	97VX67	JOY	473010
97MX81	JOY	472924 <sup>2B</sup>	97VX124	JOY	411394 <sup>2B</sup>	97VX26	JOY	476470	97VX68	JOY	473446
97MX82	JOY	450301	97VX124	JOY	450317	97VX27	JOY	416137	97VX7	JOY	415001 <sup>2B</sup>
97MX82	JOY	472397 <sup>2B</sup>	97VX125	JOY	417073	97VX28	JOY	415036	97VX7	JOY	455001
97MX83	JOY	450311	97VX126	JOY	411245 <sup>2B</sup>	97VX29	JOY	415645 <sup>2B</sup>	97VX70	JOY	472144 <sup>2B</sup>
97MX84	JOY	450311	97VX126	JOY	455096	97VX29	JOY	455104	97VX71	JOY	450094
97MX85	JOY	450365	97VX127	JOY	415449 <sup>2B</sup>	97VX3	JOY	416107 <sup>2B</sup>	97VX71	JOY	473462
97MX85	JOY	470898	97VX127	JOY	455147	97VX3	JOY	455073	97VX72	JOY	411253 <sup>2B</sup>
97MX86	JOY	450365	97VX128	JOY	415302	97VX30	JOY	416921 <sup>2B</sup>	97VX72	JOY	450099
97MX86	JOY	470898	97VX129	JOY	415458 <sup>2B</sup>	97VX30	JOY	455011	97VX73	JOY	470120
97MX87	JOY	472234	97VX129	JOY	455003	97VX31	JOY	455019 <sup>2B</sup>	97VX73	JOY	471224 <sup>2B</sup>
97MX89	JOY	410520	97VX13	JOY	415035 <sup>2B</sup>	97VX32	JOY	473313	97VX74	JOY	416444
97MX89	JOY	471272 <sup>2B</sup>	97VX13	JOY	455035	97VX33	JOY	415007	97VX75	JOY	416271 <sup>2B</sup>
97MX90	JOY	450316	97VX130	JOY	417485	97VX34	JOY	415025	97VX76	JOY	417171 <sup>2B</sup>
97MX90	JOY	472636 <sup>2B</sup>	97VX131	JOY	455005	97VX35	JOY	470169	97VX77	JOY	455022
97MX93	JOY	413478	97VX132	JOY	417344 <sup>2B</sup>	97VX35	JOY	473214	97VX78	JOY	455026
97MX94	JOY	413478	97VX132	JOY	455006	97VX36	JOY	415988	97VX8	JOY	413469 <sup>2B</sup>
97MX95	JOY	411245 <sup>2B</sup>	97VX133	JOY	417134	97VX4	JOY	416666	97VX80	JOY	481568 <sup>2B</sup>
97MX95	JOY	455096	97VX134	JOY	417486	97VX40	JOY	410496 <sup>2B</sup>	97VX81	JOY	450083
97MX96	JOY	416288 <sup>2B</sup>	97VX135	JOY	416654 <sup>2B</sup>	97VX41	JOY	415041	97VX81	JOY	472924 <sup>2B</sup>
97MX98	JOY	417343 <sup>2B</sup>	97VX135	JOY	455012	97VX42	JOY	415379 <sup>2B</sup>	97VX85	JOY	470590
97MX99	JOY	455151	97VX138	JOY	416011	97VX42	JOY	455379	97VX86	JOY	471648
97P3	WHITE	455151	97VX138	JOY	417621 <sup>2B</sup>	97VX43	JOY	418028	97VX87	JOY	450044
97VX1	JOY	417563	97VX139	JOY	415021	97VX43	JOY	455137 <sup>2B</sup>	97VX88	JOY	471763

INTERCHANGE SECTION

<sup>2B</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
97VX89	JOY	470045	97X13	JOY	455035	97X174	JOY	417621 <sup>2B</sup>	97X24	JOY	471765 <sup>2B</sup>
97VX89	JOY	476838 <sup>2B</sup>	97X130	JOY	471785 <sup>2B</sup>	97X175	JOY	416288 <sup>2B</sup>	97X25	JOY	417316 <sup>2B</sup>
97VX9	JOY	415027 <sup>2B</sup>	97X131	JOY	471750 <sup>2B</sup>	97X176	JOY	417491	97X25	JOY	455004
97VX9	JOY	455027	97X132	JOY	470548	97X177	JOY	415379 <sup>2B</sup>	97X251	JOY	410520
97VX90	JOY	471785 <sup>2B</sup>	97X132	JOY	470625 <sup>2B</sup>	97X177	JOY	455379	97X251	JOY	471272 <sup>2B</sup>
97VX91	JOY	470950 <sup>2B</sup>	97X133	JOY	450185	97X178	JOY	412473 <sup>2B</sup>	97X253	JOY	471354 <sup>2B</sup>
97VX91	JOY	6241S	97X133	JOY	473229	97X178	JOY	415894	97X254	JOY	415995 <sup>2B</sup>
97VX92	JOY	470548	97X134	JOY	470682	97X179	JOY	417191	97X254	JOY	455013
97VX92	JOY	470625 <sup>2B</sup>	97X135	JOY	451469	97X18	JOY	416339	97X259	JOY	471570 <sup>2B</sup>
97VX93	JOY	470064	97X136	JOY	450078	97X18	JOY	455031 <sup>2B</sup>	97X26	JOY	455018
97VX93	JOY	471821 <sup>2B</sup>	97X136	JOY	473444	97X180	JOY	415025	97X26	JOY	476470
97VX94	JOY	450185	97X137	JOY	450194	97X181	JOY	455249 <sup>2B</sup>	97X261	JOY	417351 <sup>2B</sup>
97VX94	JOY	473229	97X137	JOY	473010	97X182	JOY	415711	97X261	JOY	455154
97VX95	JOY	470682	97X138	JOY	473446	97X183	JOY	415937 <sup>2B</sup>	97X262	JOY	415437 <sup>2B</sup>
97VX96	JOY	450078	97X139	JOY	473236 <sup>2B</sup>	97X184	JOY	415379 <sup>2B</sup>	97X262	JOY	455173
97VX96	JOY	473444	97X140	JOY	450068	97X184	JOY	455379	97X263	JOY	415991
97VX97	JOY	473236 <sup>2B</sup>	97X141	JOY	450183	97X185	JOY	455032 <sup>2B</sup>	97X263	JOY	455146 <sup>2B</sup>
97VX98	JOY	470074	97X141	JOY	472179	97X186	JOY	417366 <sup>2B</sup>	97X264	JOY	417196 <sup>2B</sup>
97VX98	JOY	474265	97X142	JOY	450076	97X187	JOY	417211 <sup>2B</sup>	97X267	JOY	471684 <sup>2B</sup>
97VX99	JOY	450068	97X142	JOY	470334 <sup>2B</sup>	97X188	JOY	417210 <sup>2B</sup>	97X267	JOY	471698
97X	JOY	471684 <sup>2B</sup>	97X143	JOY	450089	97X189	JOY	416345 <sup>2B</sup>	97X268	JOY	471567 <sup>2B</sup>
97X	JOY	471698	97X144	JOY	473450	97X189	JOY	455033	97X269	JOY	473213 <sup>2B</sup>
97X1	JOY	417563	97X145	JOY	471866 <sup>2B</sup>	97X19	JOY	415064	97X27	JOY	416137
97X10	JOY	415058	97X146	JOY	473458	97X190	JOY	415034 <sup>2B</sup>	97X270	JOY	55419
97X100	JOY	417344 <sup>2B</sup>	97X147	JOY	471868	97X190	JOY	455034	97X271	JOY	416892 <sup>2B</sup>
97X100	JOY	455006	97X148	JOY	472439	97X191	JOY	417512	97X272	JOY	415938
97X101	JOY	416654 <sup>2B</sup>	97X15	JOY	455008	97X192	JOY	417513	97X273	JOY	418028
97X101	JOY	455012	97X151	JOY	450301	97X193	JOY	416891 <sup>2B</sup>	97X273	JOY	455137 <sup>2B</sup>
97X102	JOY	417497	97X151	JOY	472397 <sup>2B</sup>	97X194	JOY	455195	97X274	JOY	415437
97X103	JOY	417492	97X152	JOY	473242	97X194	JOY	472157 <sup>2B</sup>	97X275	JOY	470027
97X104	JOY	415995 <sup>2B</sup>	97X153	JOY	416738 <sup>2B</sup>	97X195	JOY	416888 <sup>2B</sup>	97X275	JOY	471554 <sup>2B</sup>
97X104	JOY	455013	97X153	JOY	450096	97X195	JOY	455200	97X276	JOY	470590
97X105	JOY	473245 <sup>2B</sup>	97X154	JOY	450307	97X196	JOY	415371	97X279	JOY	416664 <sup>2B</sup>
97X106	JOY	470059	97X155	JOY	410312N	97X197	JOY	417247 <sup>2B</sup>	97X279	JOY	455364
97X106	JOY	470380 <sup>2B</sup>	97X156	JOY	413469 <sup>2B</sup>	97X198	JOY	415138 <sup>2B</sup>	97X28	JOY	415036
97X107	JOY	470950 <sup>2B</sup>	97X157	JOY	410308 <sup>2B</sup>	97X199	JOY	415066	97X280	JOY	473471
97X107	JOY	6241S	97X157	JOY	450308	97X2	JOY	417546 <sup>2B</sup>	97X281	JOY	417520
97X108	JOY	480210 <sup>2B</sup>	97X158	JOY	411253 <sup>2B</sup>	97X20	JOY	415045 <sup>2B</sup>	97X282	JOY	473228
97X11	JOY	417487	97X158	JOY	450099	97X200	JOY	416167 <sup>2B</sup>	97X282	JOY	51098
97X11	JOY	455014	97X159	JOY	411376 <sup>2B</sup>	97X200	JOY	455091	97X284	JOY	416345 <sup>2B</sup>
97X110	JOY	473225 <sup>2B</sup>	97X159	JOY	455093	97X201	JOY	416865 <sup>2B</sup>	97X284	JOY	455033
97X114	JOY	415196 <sup>2B</sup>	97X16	JOY	470163	97X201	JOY	455070	97X287	JOY	417562
97X116	JOY	471472 <sup>2B</sup>	97X16	JOY	471766 <sup>2B</sup>	97X202	JOY	416865 <sup>2B</sup>	97X289	JOY	40140S
97X118	JOY	471549 <sup>2B</sup>	97X160	JOY	410694 <sup>2B</sup>	97X202	JOY	455070	97X29	JOY	415645 <sup>2B</sup>
97X119	JOY	471532	97X161	JOY	411394 <sup>2B</sup>	97X204	JOY	415072	97X29	JOY	455104
97X12	JOY	456105	97X161	JOY	450317	97X206	JOY	457874	97X290	JOY	415938
97X120	JOY	481073	97X162	JOY	416271 <sup>2B</sup>	97X207	JOY	417563	97X291	JOY	471466 <sup>2B</sup>
97X121	JOY	450025	97X163	JOY	417073	97X208	JOY	416229	97X292	JOY	470120
97X121	JOY	471553 <sup>2B</sup>	97X164	JOY	410496 <sup>2B</sup>	97X209	JOY	411376 <sup>2B</sup>	97X292	JOY	471224 <sup>2B</sup>
97X123	JOY	471689 <sup>2B</sup>	97X165	JOY	415302	97X209	JOY	455093	97X293	JOY	473474
97X124	JOY	470219	97X166	JOY	415458 <sup>2B</sup>	97X21	JOY	416892 <sup>2B</sup>	97X294	JOY	471466 <sup>2B</sup>
97X124	JOY	471649 <sup>2B</sup>	97X166	JOY	455003	97X210	JOY	416239 <sup>2B</sup>	97X296	JOY	450177
97X125	JOY	470120	97X167	JOY	417485	97X211	JOY	415551	97X3	JOY	416107 <sup>2B</sup>
97X125	JOY	471224 <sup>2B</sup>	97X168	JOY	455005	97X212	JOY	455406 <sup>2B</sup>	97X3	JOY	455073
97X126	JOY	450044	97X169	JOY	417134	97X213	JOY	417606	97X30	JOY	416921 <sup>2B</sup>
97X127	JOY	471763	97X17	JOY	457874	97X214	JOY	417020	97X30	JOY	455011
97X128	JOY	470045	97X170	JOY	455144	97X216	JOY	471648	97X300	JOY	415124
97X128	JOY	476838 <sup>2B</sup>	97X171	JOY	417486	97X22	JOY	455024	97X301	JOY	416125 <sup>2B</sup>
97X129	JOY	470712 <sup>2B</sup>	97X172	JOY	417488 <sup>2B</sup>	97X23	JOY	412119 <sup>2B</sup>	97X302	JOY	417262 <sup>2B</sup>
97X13	JOY	415035 <sup>2B</sup>	97X174	JOY	416011	97X23	JOY	450101	97X302	JOY	455448

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
97X303	JOY	350414	97X59	JOY	417316 <sup>2B</sup>	981247	BORGW	481073	9828-58105	HINO	225875
97X303	JOY	472311 <sup>2B</sup>	97X59	JOY	455004	981480	SPICE	416047	9828-66105	HINO	710055
97X307	JOY	415013	97X6	JOY	450084 <sup>2B</sup>	981480	SPICE	416332 <sup>2B</sup>	9828-66105A	HINO	710055
97X307	JOY	415995 <sup>2B</sup>	97X60	JOY	410737 <sup>2B</sup>	9815	C-R	240731	9828-66106	HINO	710055
97X308	JOY	471424 <sup>2B</sup>	97X60	JOY	450737	9815LPD	JN-MN	416654 <sup>2B</sup>	9828-66106A	HINO	710055
97X31	JOY	455019 <sup>2B</sup>	97X61	JOY	471763	9815LPD	JN-MN	455012	9828-80102	HINO	228020
97X315	JOY	471391 <sup>2B</sup>	97X63	JOY	417073	9815LUP	JN-MN	416654 <sup>2B</sup>	9828-80105	HINO	228020
97X32	JOY	473313	97X64	JOY	415379 <sup>2B</sup>	9815LUP	JN-MN	455012	9828-80120	HINO	228020
97X323	JOY	470189	97X64	JOY	455379	9818	C-R	342517	9828-90108	HINO	229005
97X323	JOY	471692 <sup>2B</sup>	97X65	JOY	416239 <sup>2B</sup>	9818	SKF	342517	983006R91	IH	6635S
97X328	JOY	472560N <sup>2B</sup>	97X66	JOY	417247 <sup>2B</sup>	981818	BORGW	471264 <sup>2B</sup>	98305	WITTE	450083
97X328	JOY	50151S	97X7	JOY	415001 <sup>2B</sup>	981RC	SUL	472287 <sup>2B</sup>	98305	WITTE	472924 <sup>2B</sup>
97X329	JOY	473237 <sup>2B</sup>	97X7	JOY	455001	9820	C-R	441130	98305A	WITTE	450867
97X33	JOY	415007	97X71	JOY	415991	982095	BORGW	471224 <sup>2B</sup>	98305A	WITTE	470898
97X331	JOY	481792	97X71	JOY	455146 <sup>2B</sup>	9820LPD	JN-MN	415138 <sup>2B</sup>	98309	CINMI	471785 <sup>2B</sup>
97X332	JOY	417480 <sup>2B</sup>	97X72	JOY	410102	9820LUP	JN-MN	415138 <sup>2B</sup>	9830LPD	JN-MN	417605
97X332	JOY	455860	97X73	JOY	471571	982259R91	IH	370012A	9830LUP	JN-MN	417605
97X34	JOY	415025	97X75	JOY	473426	982483R91	IH	100495	98317	TW-CO	471267 <sup>2B</sup>
97X346	JOY	417344 <sup>2B</sup>	97X76	JOY	450115	982483R91	IH	415281N	9831LPD	JN-MN	481163 <sup>2B</sup>
97X35	JOY	470169	97X76	JOY	473467	982591R91	IH	417262 <sup>2B</sup>	9831LUP	JN-MN	481163 <sup>2B</sup>
97X35	JOY	473214	97X77	JOY	413469 <sup>2B</sup>	982591R91	IH	455448	9833	C-R	472311V
97X354	JOY	417602 <sup>2B</sup>	97X78	JOY	417171 <sup>2B</sup>	9825LPD	JN-MN	450104	9833S	NATL	8705S
97X36	JOY	415988	97X79	JOY	415021	9825LUP	JN-MN	450104	9835	C-R	240414
97X37	JOY	471138 <sup>2B</sup>	97X8	JOY	413469 <sup>2B</sup>	9826	C-R	252277	9835	C-R	350414
97X39	JOY	416664 <sup>2B</sup>	97X80	JOY	455022	9826	SKF	252277	9835	C-R	42311S
97X39	JOY	455364	97X81	JOY	415023	9828-00102	HINO	231004	9835	C-R	472311 <sup>2B</sup>
97X4	JOY	416666	97X82	JOY	473215 <sup>2B</sup>	9828-00109	HINO	231004	983570R1	IH	370003A
97X40	JOY	472029	97X83	JOY	470059	98280-0109A	HINO	231004	983570R1	NAVST	380003A
97X41	JOY	417507 <sup>2B</sup>	97X83	JOY	470380 <sup>2B</sup>	9828-01104	HINO	717004	9837	BORGW	471466 <sup>2B</sup>
97X41	JOY	455513	97X84	JOY	470064	9828-01112	HINO	710421	9837	C-R	350414
97X42	JOY	415379 <sup>2B</sup>	97X84	JOY	471821 <sup>2B</sup>	9828-01125	HINO	710421	9837	C-R	472311 <sup>2B</sup>
97X42	JOY	455379	97X85	JOY	473235 <sup>2B</sup>	9828-01137	HINO	710371	9838	C-R	350414
97X43	JOY	418028	97X86	JOY	472070	9828-01137A	HINO	710371	9838	C-R	472311 <sup>2B</sup>
97X43	JOY	455137 <sup>2B</sup>	97X87	JOY	470074	9828-01147	HINO	710371	9843	C-R	712016
97X44	JOY	450067	97X87	JOY	474265	9828-01147A	HINO	710371	9844	C-R	5857
97X44	JOY	473228	97X88	JOY	450082	9828-01148	HINO	717004	9844	KEN	5857
97X45	JOY	471466 <sup>2B</sup>	97X88	JOY	473238	9828-01149	HINO	717004	9845	NATL	6936S
97X46	JOY	450082	97X89	JOY	472144 <sup>2B</sup>	9828-01165	HINO	710421	9845	TIMKE	9845
97X46	JOY	473238	97X9	JOY	415027 <sup>2B</sup>	9828-01184	HINO	717004	9845V	TIMKE	9845V
97X47	JOY	415960 <sup>2B</sup>	97X9	JOY	455027	9828-01193	HINO	710052	984631	VIC	415035
97X47	JOY	455009	97X90	JOY	472144 <sup>2B</sup>	9828-01193A	HINO	710052	984631	VIC	415953
97X48	JOY	450083	97X91	JOY	473460	9828-01195	HINO	710052	9847	C-R	472311V
97X48	JOY	472924 <sup>2B</sup>	97X92	JOY	473460	9828-01195A	HINO	710052	9847	SKF	472311V
97X49	JOY	417356 <sup>2B</sup>	97X93	JOY	450298	9828-01204	HINO	710369	98471	HYST	415295
97X49	JOY	455188	97X93	JOY	473239	9828-01204A	HINO	710369	9848LPD	JN-MN	471652
97X5	JOY	450070	97X94	JOY	472394	9828-01206	HINO	710295	9848LPD	JN-MN	482208 <sup>2B</sup>
97X5	JOY	472185 <sup>2B</sup>	97X96	JOY	416444	9828-01206A	HINO	710295	9848LUP	JN-MN	471652
97X50	JOY	473461 <sup>2B</sup>	97X97	JOY	411245 <sup>2B</sup>	9828-01207	HINO	710421	9848LUP	JN-MN	482208 <sup>2B</sup>
97X51	JOY	450316	97X97	JOY	455096	9828-01216	HINO	710052	98492	HYST	471341 <sup>2B</sup>
97X51	JOY	472636 <sup>2B</sup>	97X98	JOY	415449 <sup>2B</sup>	9828-01229	HINO	710421	9849LPD	JN-MN	450078
97X52	JOY	415995 <sup>2B</sup>	97X98	JOY	455147	9828-01229A	HINO	710421	9849LPD	JN-MN	473444
97X52	JOY	455013	97X99	JOY	455151	9828-01230	HINO	710052	9849LUP	JN-MN	450078
97X53	JOY	471646 <sup>2B</sup>	98005R91	IH	472439	9828-01230A	HINO	710052	9849LUP	JN-MN	473444
97X54	JOY	450069	9800LPD	JN-MN	455194	9828-01231	HINO	710371	9850	C-R	471224 <sup>2B</sup>
97X54	JOY	473232	9800LUP	JN-MN	455194	9828-01231A	HINO	710371	9852	C-R	471224 <sup>2B</sup>
97X55	JOY	450316	9805	C-R	712012	9828-27102	HINO	712009	9852	SKF	471224
97X55	JOY	472636 <sup>2B</sup>	9805	SKF	712012	9828-48110	HINO	710296	98520	TW-CO	474278 <sup>2B</sup>
97X57	JOY	416153 <sup>2B</sup>	981006	BORGW	471466 <sup>2B</sup>	9828-48112	HINO	710296	98520	TW-CO	480356
97X58	JOY	450085	981200	SPICE	470045	9828-48112A	HINO	710296	98524	HYST	410183N
97X58	JOY	470530 <sup>2B</sup>	981200	SPICE	476838 <sup>2B</sup>	9828-52112	HINO	225225	98539	BORGW	470120

INTERCHANGE SECTION

<sup>2B</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
98539	BORGW	471224 <sup>2B</sup>	9900LUP	JN-MN	471760	99091	C-R	99091	99131	SKF	99131
9854	C-R	471224V	990101	ACF	450494	99091	SKF	99091	99131RS	VIC	99131
9854LPD	JN-MN	450494	990101	ACF	472164 <sup>2B</sup>	99092	C-R	99092	99133	C-R	99133
9854LPD	JN-MN	472164 <sup>2B</sup>	990132	SPICE	473423	99092	SKF	99092	99133	SKF	99133
9854LUP	JN-MN	450494	990132	VIC	473423	99094	C-R	99094	99133RS	VIC	99133
9854LUP	JN-MN	472164 <sup>2B</sup>	99019R91	IH	470120	99094	SKF	99094	99134	C-R	99134
9858LUP	JN-MN	471424 <sup>2B</sup>	99019R91	IH	471224 <sup>2B</sup>	99096	C-R	99096	99134	SKF	99134
9859	C-R	340120	99022R91	IH	475012N	99096	SKF	99096	99138	C-R	99138
9859LPD	JN-MN	471224 <sup>2B</sup>	9903	C-R	473380	99096RS	VIC	99096	99138	SKF	99138
9859LUP	JN-MN	471224 <sup>2B</sup>	99031	AM WH	450494	99098	C-R	99098	99138RS	VIC	99138
9862	C-R	471224V	99031	AM WH	472164 <sup>2B</sup>	99098	SKF	99098	99139	C-R	99139
9862	C-R	481224V	99032	AM WH	472439	99098RS	VIC	99098	99139	SKF	99139
9862	SKF	471224V	99049	C-R	99049	99100	C-R	99101	99139RS	VIC	99139
9862	SKF	481224V	99049	SKF	99049	99100	SKF	99101	99143	C-R	99143
98630R91	IH	6663S	99049RS	VIC	99049	99100RS	VIC	99101	99143	SKF	99143
9863LPD	JN-MN	416273 <sup>2B</sup>	99050	C-R	99050	99103	C-R	99103	99143RS	VIC	99143
9863LUP	JN-MN	416273 <sup>2B</sup>	99050	SKF	99050	99103	SKF	99103	99144	C-R	99144
98643	HYST	470737N	99055	C-R	99055	99103RS	VIC	99103	99144	SKF	99144
9864S	TIMKE	9864S	99055	SKF	99055	99106	C-R	99106	99144RS	VIC	99144
9866LPD	JN-MN	415035 <sup>2B</sup>	99056	C-R	99056	99106	SKF	99106	99146	C-R	99146
9866LPD	JN-MN	455035	99056	SKF	99056	99106RS	VIC	99106	99146	SKF	99146
9866LUP	JN-MN	415035 <sup>2B</sup>	99058	C-R	99058	99108	C-R	99108	99146RS	VIC	99146
9866LUP	JN-MN	455035	99058	SKF	99058	99108	SKF	99108	99147	C-R	99147
98732	HYST	417503	99059	C-R	99059	991108	BORGW	471442 <sup>2B</sup>	99147	SKF	99147
987570R1	IH	JV753	99059	SKF	99059	99111	C-R	99111	99147RS	VIC	99147
9876	C-R	470120	99059RS	VIC	99059	99111	SKF	99111	99149	C-R	99149
9876	C-R	471224 <sup>2B</sup>	99060	C-R	99060	99111RS	VIC	99111	99149	SKF	99149
9876	SKF	470120	99060	SKF	99060	99112	C-R	99112	99149RS	VIC	99149
9876	SKF	471224	99060RS	VIC	99060	99112	SKF	99112	9915	GACO	710638
9876LPD	JN-MN	417344 <sup>2B</sup>	99062	C-R	99062	99112RS	VIC	99112	99150	C-R	99150
9876LPD	JN-MN	455006	99062	SKF	99062	99114	BR-ST	450025	99150	SKF	99150
9876LUP	JN-MN	417344 <sup>2B</sup>	99062RS	VIC	99062	99114	BR-ST	471553 <sup>2B</sup>	99150RS	VIC	99150
9876LUP	JN-MN	455006	99065	ACF	40468	99114	C-R	99114	99152	C-R	99152
9878	C-R	471224 <sup>2B</sup>	99068	C-R	99068	99114	SKF	99114	99152	SKF	99152
9878	SKF	471224	99068	SKF	99068	99114RS	VIC	99114	99153	C-R	99153
9879	C-R	471224V	99068RS	VIC	99068	99116	C-R	99116	99153	SKF	99153
9879	C-R	481224V	9907	C-R	473380	99116	SKF	99116	99155	C-R	99155
98794-001	HENDR	370025A	99076	C-R	99076	99118	C-R	99118	99155	SKF	99155
98794-001	HENDR	380025A	99076	SKF	99076	99118	SKF	99118	99155RS	VIC	99155
987RC	SUL	472287 <sup>2B</sup>	99076RS	VIC	99076	99118RS	VIC	99118	99156	C-R	99156
98860R91	IH	410312N	99078	C-R	99078	9912	BORGW	470027	99156	SKF	99156
9886LPD	JN-MN	455121	99078	SKF	99078	9912	BORGW	471554 <sup>2B</sup>	99156RS	VIC	99156
9886LUP	JN-MN	455121	99078RS	VIC	99078	99120	C-R	99120	99157	C-R	99157
9889	C-R	6847S	9907SKR	NATL	370086A	99120	SKF	99120	99157	SKF	99157
9889	SKF	6847S	99080	C-R	99080	99121	C-R	99121	99157RS	VIC	99157
988M-6700-A5B	FORD	713771	99080	SKF	99080	99121	SKF	99121	99159	C-R	99159
9892LPD	JN-MN	415711	99081	C-R	99081	99122	C-R	99122	99159	SKF	99159
9892LUP	JN-MN	415711	99081	SKF	99081	99123	C-R	99123	99160	C-R	99160
9894	C-R	471270 <sup>2B</sup>	99082	C-R	99082	99123	SKF	99123	99160	SKF	99160
9894	HYST	473215 <sup>2B</sup>	99082	SKF	99082	99125	C-R	99125	99161	C-R	99161
9894	SKF	471270	99084	C-R	99084	99125	SKF	99125	99161	SKF	99161
9895	HYST	455032 <sup>2B</sup>	99084	SKF	99084	99125RS	VIC	99125	99162	C-R	99162
98960	BORGW	470954 <sup>2B</sup>	99085	C-R	99085	99128	C-R	99128	99162	SKF	99162
9898	TOWNR	450452	99085	SKF	99085	99128	SKF	99128	99162RS	VIC	99162
9898	TOWNR	473197	99085RS	VIC	99085	99128RS	VIC	99128	99163	C-R	99163
98AB-2B384-BB	FORD	100944	99086	C-R	99086	99129	C-R	99129	99163	SKF	99163
9900	C-R	343123	99086	SKF	99086	99129	SKF	99129	99165	C-R	99165
9900	SKF	343123	99087	C-R	99087	99129RS	VIC	99129	99165	SKF	99165
990065	ACF	40468	99087	SKF	99087	9912S	TIMKE	9912	99166	C-R	99166
9900LPD	JN-MN	471760	99087RS	VIC	99087	99131	C-R	99131	99166	SKF	99166

INTERCHANGE SECTION



# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
99166RS	VIC	99166	99190	C-R	99190	992293	WILYS	475458	99260	SKF	99260
99167	C-R	99167	99190	SKF	99190	992297	AMC	415458 <sup>28</sup>	99260RS	VIC	99260
99167	SKF	99167	99192	C-R	99192	992297	AMC	475458	99261	C-R	99261
99168	C-R	99168	99192	SKF	99192	992297	WILYS	415458 <sup>28</sup>	99261	SKF	99261
99168	SKF	99168	99193	C-R	99193	992297	WILYS	475458	99261RS	VIC	99261
99168RS	VIC	99168	99193	SKF	99193	99230	C-R	99230	99262	C-R	99262
99169	C-R	99169	99193RS	VIC	99193	99230	SKF	99230	99262	SKF	99262
99169	SKF	99169	99196	C-R	99196	99230RS	VIC	99230	99262RS	VIC	99262
99169RS	VIC	99169	99196	SKF	99196	99231	C-R	99231	99264	C-R	99264
9916A	BORGW	471466 <sup>28</sup>	99196RS	VIC	99196	99231	SKF	99231	99264	SKF	99264
99170	C-R	99170	99198	C-R	99198	99231RS	VIC	99231	99266	C-R	99266
99170	SKF	99170	99198	SKF	99198	99233	C-R	99233	99266	SKF	99266
99170RS	VIC	99170	99199	C-R	99199	99233	SKF	99233	99267	C-R	99267
99171	C-R	99171	99199	SKF	99199	99233RS	VIC	99233	99267	SKF	99267
99171	SKF	99171	99199RS	VIC	99199	99235	C-R	99235	99267RS	VIC	99267
99171RS	VIC	99171	99200	C-R	99200	99235	SKF	99235	99269	C-R	99269
99172	C-R	99172	99200	SKF	99200	99235RS	VIC	99235	99269	SKF	99269
99172	SKF	99172	99200RS	VIC	99200	99236RS	C-R	99236	99269RS	VIC	99269
99172RS	VIC	99172	992018	LONG	414045 <sup>28</sup>	99237	C-R	99237	99272	C-R	99272
99174	C-R	99174	992019	LONG	470120	99237	SKF	99237	99272	SKF	99272
99174	SKF	99174	992019	LONG	471224 <sup>28</sup>	99237RS	VIC	99237	99272RS	VIC	99272
99174RS	VIC	99174	992021	LONG	450365	99238	C-R	99238	99273	C-R	99273
99175	BR-ST	450593 <sup>28</sup>	992021	LONG	470898 <sup>28</sup>	99238	SKF	99238	99273	SKF	99273
99175	C-R	99175	992024	LONG	471267 <sup>28</sup>	99238RS	VIC	99238	99273RS	VIC	99273
99175	SKF	99175	992026	LONG	450452	99240	C-R	99240	99274	C-R	99274
99175RS	VIC	99175	992026	LONG	473197	99240	SKF	99240	99274	SKF	99274
99176	BR-ST	481644	99203	BORGW	410163	99240RS	VIC	99240	99274RS	VIC	99274
99176	C-R	99176	99203	BORGW	471766 <sup>28</sup>	99241	C-R	99241	99275	C-R	99275
99176	SKF	99176	99204	C-R	99204	99241	SKF	99241	99275	SKF	99275
99176RS	VIC	99176	99204	SKF	99204	99242	C-R	99242	99275RS	VIC	99275
99177	C-R	99177	99205	C-R	99205	99242	SKF	99242	99276	C-R	99276
99177	SKF	99177	99205	SKF	99205	99243	C-R	99243	99276	SKF	99276
99177RS	VIC	99177	99205RS	VIC	99205	99243	SKF	99243	99276RS	VIC	99276
99179	C-R	99179	99210	C-R	99210	99243RS	VIC	99243	99281	C-R	99281
99179	SKF	99179	99210	SKF	99210	99244	C-R	99244	99281	SKF	99281
99179RS	VIC	99179	99210RS	VIC	99210	99244	SKF	99244	99281RS	VIC	99281
99180	C-R	99180	99212	C-R	99212	99248	C-R	99248	99282	C-R	99282
99180	SKF	99180	99212	SKF	99212	99248	SKF	99248	99282	SKF	99282
99181	C-R	99181	99212RS	VIC	99212	99248	IH	370150A	99282RS	VIC	99282
99181	SKF	99181	99215	C-R	99215	99248RS	VIC	99248	99284	C-R	99284
99181RS	VIC	99181	99215	SKF	99215	99249	C-R	99249	99284	SKF	99284
99182	C-R	99182	99215RS	VIC	99215	99249	SKF	99249	99286	C-R	99286
99182	SKF	99182	99218	C-R	99218	99250	C-R	99250	99286	SKF	99286
99184	C-R	99184	99218	SKF	99218	99250	SKF	99250	99286RS	VIC	99286
99184	SKF	99184	99218RS	VIC	99218	99250RS	VIC	99250	99287	C-R	99287
99185	C-R	99185	99219	C-R	99219	99251	C-R	99251	99287	SKF	99287
99185	SKF	99185	99219	SKF	99219	99251	SKF	99251	99287RS	VIC	99287
99186	C-R	99186	99220	C-R	99220	99253	C-R	99253	99289	C-R	99289
99186	SKF	99186	99220	SKF	99220	99253	SKF	99253	99289	SKF	99289
99186RS	VIC	99186	99225	BR-ST	473016 <sup>28</sup>	99253RS	VIC	99253	99290	C-R	99290
99187	C-R	99187	99225	C-R	99225	99254	C-R	99254	99290	SKF	99290
99187	SKF	99187	99225	SKF	99225	99254	SKF	99254	99290RS	VIC	99290
99187RS	VIC	99187	99225RS	VIC	99225	99254RS	VIC	99254	99291	C-R	99291
99188	C-R	99188	99226	C-R	99226	99256	C-R	99256	99291	SKF	99291
99188	SKF	99188	99226	SKF	99226	99256	SKF	99256	99291RS	VIC	99291
99189	C-R	99189	99226RS	VIC	99226	99256RS	VIC	99256	99293	C-R	99293
99189	SKF	99189	99227	C-R	99227	99259	C-R	99259	99293	SKF	99293
99189RS	VIC	99189	99227	SKF	99227	99259	SKF	99259	99293RS	VIC	99293
9918LPD	JN-MN	417134	992280	AMC	40316S	99259RS	VIC	99259	99294	C-R	99294
9918LUP	JN-MN	417134	992293	WILYS	415458 <sup>28</sup>	99260	C-R	99260	99294	SKF	99294

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
99294RS	VIC	99294	99333	SKF	99333	99365	SKF	99365	99416	BORGW	471570 <sup>2B</sup>
99296	C-R	99296	99333RS	VIC	99333	99366	C-R	99366	99418	C-R	99418
99296	SKF	99296	99334	SKF	99334	99366	SKF	99366	99418	SKF	99418
99296RS	VIC	99296	99334RS	VIC	99334	99367	C-R	99367	9942169	FIAT	710642
99298	C-R	99298	99337	C-R	99337	99367	SKF	99367	99423	BORGW	471785 <sup>2B</sup>
99298	SKF	99298	99337	SKF	99337	99367RS	VIC	99367	99423	C-R	99423
99298RS	VIC	99298	99337RS	VIC	99337	99368	C-R	99368	99423	CLARK	473420
99299	C-R	99299	99339	C-R	99339	99368	SKF	99368	99423	SKF	99423
99299	SKF	99299	99339	SKF	99339	99368RS	VIC	99368	99423RS	VIC	99423
99299RS	VIC	99299	99339RS	VIC	99339	99369	C-R	99369	99424	BORGW	471689 <sup>2B</sup>
99300	C-R	99300	9934	C-R	470219	99369	SKF	99369	99424	C-R	99424
99300	SKF	99300	9934	C-R	471649 <sup>2B</sup>	99369RS	VIC	99369	99424	SKF	99424
99300RS	VIC	99300	9934	SKF	470219	9937	C-R	471649V	99424RS	VIC	99424
99303	C-R	99303	9934	SKF	471649	9937	SKF	471649V	994258	AMC	481837
99303	SKF	99303	99340	C-R	99340	99372	C-R	99372	994258	AMGEN	481837
99303RS	VIC	99303	99340	SKF	99340	99372	SKF	99372	994261	AMC	9912
99306	C-R	99306	99340RS	VIC	99340	99372RS	VIC	99372	994261	AMGEN	9912
99306	SKF	99306	99343	BORGW	471570 <sup>2B</sup>	99374	C-R	99374	9943	TIMKE	9943
99307	C-R	99307	99346	C-R	99346	99374	SKF	99374	99434	C-R	99434
99307	SKF	99307	99346	SKF	99346	99374RS	VIC	99374	99434	SKF	99434
9930LPD	JN-MN	415196 <sup>2B</sup>	99347	C-R	99347	99376	C-R	99376	99435	C-R	99435
9930LUP	JN-MN	415196 <sup>2B</sup>	99347	SKF	99347	99376	SKF	99376	99435	SKF	99435
99311	C-R	99311	99347RS	VIC	99347	99376RS	VIC	99376	99435RS	VIC	99435
99311	SKF	99311	99349	C-R	99349	993785	ACF	410316	99437	C-R	99437
99311RS	VIC	99311	99349	SKF	99349	993785	ACF	472636 <sup>2B</sup>	99437	SKF	99437
99312	C-R	99312	99349RS	VIC	99349	993802	ACF	6270	99437RS	VIC	99437
99312	SKF	99312	9935	C-R	471649 <sup>2B</sup>	993803	ACF	5401	99438	C-R	99438
99312RS	VIC	99312	9935	SKF	471649	99386	C-R	99386	99438	SKF	99438
99313	C-R	99313	99350	C-R	99350	99386	SKF	99386	99439	C-R	99439
99313	SKF	99313	99350	SKF	99350	99387	C-R	99387	99439	SKF	99439
99313RS	VIC	99313	99350RS	VIC	99350	99387	SKF	99387	99440	BR-ST	470219
99315	C-R	99315	99351	C-R	99351	99387RS	VIC	99387	99440	BR-ST	471649 <sup>2B</sup>
99315	SKF	99315	99351	SKF	99351	9939	C-R	471649V	9945	HYST	415449 <sup>2B</sup>
99315RS	VIC	99315	99351RS	VIC	99351	9939	SKF	471649V	9945	HYST	455147
99317	BR-ST	471567 <sup>2B</sup>	99352	C-R	99352	993926	GW	340483	99450	C-R	99450
99317	C-R	99317	99352	SKF	99352	99393	C-R	99393	99450	SKF	99450
99317	SKF	99317	99353	C-R	99353	99393	SKF	99393	99450RS	VIC	99450
9932	C-R	471649 <sup>2B</sup>	99353	SKF	99353	99393RS	VIC	99393	99452	C-R	99452
9932	SKF	471649	99354	C-R	99354	99395	C-R	99395	99452	SKF	99452
99322	C-R	99322	99354	SKF	99354	99395	SKF	99395	99452RS	VIC	99452
99322	SKF	99322	99354RS	VIC	99354	99395RS	VIC	99395	99463	C-R	99463
99322RS	VIC	99322	99356	C-R	99356	9939690	ALFAR	710780	99463	SKF	99463
99323	C-R	99323	99356	SKF	99356	99399	C-R	99399	99463RS	VIC	99463
99323	SKF	99323	99356RS	VIC	99356	99399	SKF	99399	99465	C-R	99465
99324	C-R	99324	99359	C-R	99359	99399RS	VIC	99399	99465	SKF	99465
99324	SKF	99324	99359	SKF	99359	99400	C-R	99400	99468	C-R	99468
99324RS	VIC	99324	9935SS	JN-MN	473235 <sup>2B</sup>	99400	SKF	99400	99468	SKF	99468
99325	C-R	99325	99360	C-R	99360	99401	C-R	99401	99468RS	VIC	99468
99325	SKF	99325	99360	SKF	99360	99401	SKF	99401	99471	C-R	99471
99325RS	VIC	99325	99362	C-R	99362	99401RS	VIC	99401	99471	SKF	99471
99326	C-R	99326	99362	SKF	99362	99406	CHRY	473313 <sup>2B</sup>	99472	C-R	99472
99326	SKF	99326	99362RS	VIC	99362	99406	NEWPR	710005	99472	SKF	99472
99328	C-R	99328	99363	C-R	99363	99406	NPG	710005	99472RS	VIC	99472
99328	SKF	99328	99363	SKF	99363	99409	C-R	99409	99473	C-R	99473
99331	C-R	99331	993631	ACF	455556	99409	SKF	99409	99473	SKF	99473
99331	SKF	99331	99363RS	VIC	99363	99412	C-R	99412	99473RS	VIC	99473
99331RS	VIC	99331	99364	C-R	99364	99412	SKF	99412	99475	C-R	99475
99332	C-R	99332	99364	SKF	99364	99413	C-R	99413	99475	SKF	99475
99332	SKF	99332	99364RS	VIC	99364	99413	SKF	99413	99475RS	VIC	99475
99333	C-R	99333	99365	C-R	99365	99413RS	VIC	99413	9947LPD	JN-MN	450291

INTERCHANGE SECTION

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
9947LPD	JN-MN	471141 <sup>28</sup>	99575	SKF	99575	99721	SKF	99721	999.113.290.41	PORSC	223050
9947LUP	JN-MN	450291	99575RS	VIC	99575	99725	C-R	99725	999.113.290.42	PORSC	223050
9947LUP	JN-MN	471141 <sup>28</sup>	9958	CHRY	2287	99725	SKF	99725	999.113.331.40	PORSC	710642
99484	CHRY	471424 <sup>28</sup>	9958-54-8629	MAZDA	710320	9973LPD	JN-MN	415867	999.113.331.50	PORSC	710642
99487	C-R	99487	9958-54-8659	MAZDA	1973	9973LUP	JN-MN	415867	999.113.426.41	PORSC	229005
99487	SKF	99487	9958-55-2709	MAZDA	225225	99745	C-R	99745	999.113.458.40	PORSC	710173
99490	C-R	99490	9958-55-5729	MAZDA	225530	99745	SKF	99745	99911346140	PORSC	229005
99490	SKF	99490	9958-56-5903	MAZDA	226530	99750	C-R	99750	999.113.475.40	PORSC	710196
99491	C-R	99491	9958-60-8166	MAZDA	220860	99750	SKF	99750	999.113.476.40	PORSC	716102
99491	SKF	99491	99587	C-R	99587	99750RS	VIC	99750	999.113.490.40	PORSC	716102
99492	C-R	99492	99587	SKF	99587	9975LPD	JN-MN	471646 <sup>28</sup>	999.113.490.41	PORSC	716102
99492	SKF	99492	99595	C-R	99595	9975LUP	JN-MN	471646 <sup>28</sup>	9992LPD	JN-MN	471567 <sup>28</sup>
99492RS	VIC	99492	99596	C-R	99596	99786	CINMI	470050	9992LUP	JN-MN	471567 <sup>28</sup>
99494	C-R	99494	99596	SKF	99596	99787	C-R	99787	9993LPD	JN-MN	415072 <sup>29</sup>
99494	SKF	99494	99599	C-R	99599	99787	SKF	99787	9993LUP	JN-MN	415072
99494RS	VIC	99494	99599	SKF	99599	99787RS	VIC	99787	9995	C-R	471689 <sup>28</sup>
99498	C-R	99498	99599RS	VIC	99599	99800	C-R	99800	9995	SKF	471689
99498	SKF	99498	9960	C-R	474250 <sup>28</sup>	99800	SKF	99800	9997	C-R	471689 <sup>28</sup>
99498RS	VIC	99498	9960	SKF	474250	99804	BR-ST	471689 <sup>28</sup>	9997	SKF	471689
99499	C-R	99499	99601	C-R	99601	998092	AMC	5778	99975347	MERCE	223535
99499	SKF	99499	99605	C-R	99605	998092	AMGEN	5778	99977	BR-ST	481443 <sup>28</sup>
99499RS	VIC	99499	99605	SKF	99605	998123	AMC	9316	9998	C-R	471689 <sup>28</sup>
99501	C-R	99501	99606	C-R	99606	99817	BORGW	450365	9998	SKF	471689
99501	SKF	99501	99606	SKF	99606	99817	BORGW	470898 <sup>28</sup>	9998LPD	JN-MN	415995 <sup>28</sup>
99513	C-R	99513	99606RS	VIC	99606	9982	C-R	471689V	9998LPD	JN-MN	455013
99513	SKF	99513	99620	C-R	99620	9982	SKF	471689V	9998LUP	JN-MN	415995 <sup>28</sup>
99515	BR-ST	470045	99620	SKF	99620	99820	C-R	99820	9998LUP	JN-MN	455013
99515	BR-ST	476838 <sup>28</sup>	99625	C-R	99625	99820	SKF	99820	999KB1608	MACK	350954
9951LPD	JN-MN	415351 <sup>28</sup>	99625	SKF	99625	9983	C-R	471689V	999KB1608	MACK	470954 <sup>28</sup>
9951LUP	JN-MN	415351 <sup>28</sup>	99625RS	VIC	99625	9983	SKF	471689V	999KB1675	MACK	417210 <sup>28</sup>
99525	C-R	99525	99630	C-R	99630	99832	C-R	99832	999KB1920	MACK	416404 <sup>28</sup>
99525	SKF	99525	99630	SKF	99630	99832	SKF	99832	999KB1921	MACK	455195
99525RS	VIC	99525	996.301.805.00	PORSC	222820	9983LPD	JN-MN	471684 <sup>28</sup>	999KB1921	MACK	472157 <sup>28</sup>
9952LPD	JN-MN	450067	996.302.131.00	PORSC	222820	9983LPD	JN-MN	471698	999M1-M3000	NISSA	7412S
9952LUP	JN-MN	473228	99630RS	VIC	99630	9983LUP	JN-MN	471684 <sup>28</sup>	99GW240144-6	TROS	440265
9952LUP	JN-MN	450067	996.397.010.00	PORSC	710484	9983LUP	JN-MN	471698	9A6904	LEYLD	471192
9952LUP	JN-MN	473228	9963LPD	JN-MN	415138 <sup>28</sup>	998497	AMC	480821 <sup>28</sup>	9A7847	FED	415254
99533	C-R	99533	9963LUP	JN-MN	415138 <sup>28</sup>	99852	C-R	99852	9A8009	FED	450316
99533	SKF	99533	99640	C-R	99640	99852	SKF	99852	9A8009	FED	472636 <sup>28</sup>
99537	C-R	99537	99640	SKF	99640	99854	C-R	99854	9B1208	CATER	450085
99537	SKF	99537	9964LPD	JN-MN	417549 <sup>28</sup>	99854	SKF	99854	9B1208	CATER	470530 <sup>28</sup>
99549	C-R	99549	9964LUP	JN-MN	417549 <sup>28</sup>	99858	CHRY	2287	9B140	CATER	471763
99549	SKF	99549	99650	C-R	99650	998J	OSHKO	415036	9B5662	CATER	415437
99549RS	VIC	99549	99650	SKF	99650	99902	CINMI	470086	9B6453	CATER	471750 <sup>28</sup>
99550	C-R	99550	99650RS	VIC	99650	999.113.012.50	PORSC	1973	9B8053	CATER	471530
99550	SKF	99550	996693	CLARK	204017	999.113.029.50	PORSC	226020	9D6581	CATER	710023
99552	C-R	99552	9967	C-R	712013	999.113.049.50	PORSC	226020	9D6582	CATER	710024
99552	SKF	99552	9967	SKF	712013	999.113.057.50	PORSC	226520	9D6584	CATER	710026
9955LPD	JN-MN	450183	99675	C-R	99675	999.113.057.51	PORSC	226520	9D6585	CATER	710027
9955LPD	JN-MN	472179	99675	SKF	99675	999.113.057.52	PORSC	226520	9E5G-6700-AA	FORD	223750
9955LUP	JN-MN	450183	99675RS	VIC	99675	99911307750	PORSC	1012N	9E5Z-6700-A	FORD	223750
9955LUP	JN-MN	472179	99687	C-R	99687	999.113.215.40	PORSC	229005	9F3487	CATER	471466 <sup>28</sup>
99560	C-R	99560	99687	SKF	99687	999.113.231.40	PORSC	60X85X8 <sup>28</sup>	9F3848	CATER	471554 <sup>28</sup>
99560	SKF	99560	99700	C-R	99700	99911323540	PORSC	226520	9F3850	CATER	410312N
99562	C-R	99562	99700	SKF	99700	999.113.263.40	PORSC	60X85X8 <sup>28</sup>	9F3958	CATER	471103 <sup>28</sup>
99562	SKF	99562	99700RS	VIC	99700	99911326440	PORSC	229005	9F3958	CATER	50197S
9956SS	JN-MN	473405	997.101.212.00	PORSC	716102	999.113.268.40	PORSC	710642	9F5088	CATER	416125 <sup>28</sup>
99571	C-R	99571	997.101.212.01	PORSC	716102	999.113.270.40	PORSC	229005	9F7959	CATER	415213N
99571	SKF	99571	99710226491	PORSC	229005	99911328240	PORSC	223020	9F8616	CATER	455018
99575	C-R	99575	99721	C-R	99721	999.113.290.40	PORSC	223050	9F8616	CATER	476470

INTERCHANGE SECTION

<sup>28</sup>Industrial Size/Type; <sup>29</sup>Minor Width Difference

# COMPETITIVE INTERCHANGES

Mfr No.	Mfr.	National	Mfr No.	Mfr.	National
9H223	CATER	470954V	9N1190B	FORD	6336S
9H223	IH	470954V	9N18183	FORD	240385
9H2257	CATER	473460	9N307	CATER	3783
9H2258	CATER	450083	9N703A	FORD	471829
9H2258	CATER	472924 <sup>28</sup>	9N703A2	FORD	471829
9H6079	CATER	417316 <sup>28</sup>	9N703B	FORD	471829
9H6079	CATER	455004	9N749	DURA	470169
9H6504	CATER	413246N	9N749	DURA	473214 <sup>28</sup>
9H8839	CATER	471413 <sup>29</sup>	9N749	FORD	470169
9H9484	CATER	472572 <sup>28</sup>	9N749	FORD	473214 <sup>28</sup>
9H9678	CATER	470380 <sup>28</sup>	9N749	SPICE	470169
9J0107	CATER	J1122	9N749	SPICE	473214
9J0110	CATER	J1126	9N749B	DURA	470169
9J107	CATER	J1122	9N749B	DURA	473214 <sup>28</sup>
9J110	CATER	J1126	9N750	DURA	473236 <sup>28</sup>
9J22	STERL	471255 <sup>28</sup>	9N750	SPICE	473236 <sup>28</sup>
9J606	STERL	415066	9N750B	DURA	473236 <sup>28</sup>
9J687	STERL	416865 <sup>28</sup>	9N750B	FORD	473236 <sup>28</sup>
9J687	STERL	455070	9S2391	CATER	472258V
9J772	STERL	415196 <sup>28</sup>	9SK0524	WHITE	474273
9K2199	CATER	415066	9SK-095	WHITE	5M466
9L126	CATER	470328	9T16	STERL	417343 <sup>28</sup>
9L126	CATER	481213 <sup>28</sup>	9T17	STERL	473457 <sup>28</sup>
9L2W-4B416-BA	FORD	100537	9T18	STERL	413469 <sup>28</sup>
9L2Z-4B416-B	FORD	100537	9X18X7	TIMKE	9X18X7
9L3P-7052-AA	FORD	710672	9X18X7SC	TRSCM	9X18X7
9L3P-7052-AB	FORD	710672	9X18X7TC	TRSCM	9X18X7
9L3P-7052-BA	FORD	710673	9X22X7	SIMRT	9X22X7
9L3P-7052-BB	FORD	710673	9X22X7	TIMKE	9X22X7
9L3Z-7052-A	FORD	710672	9X22X7SC	TRSCM	9X22X7
9L3Z-7052-B	FORD	710673	9X22X7TC	TRSCM	9X22X7
9L7188	CATER	415725 <sup>28</sup>	9X26X7	FORSH	9X26X7
9L7600	CATER	39801	9X26X7	SIMRT	9X26X7
9L7735	CATER	480988H	9X26X7	TIMKE	9X26X7
9L7736	CATER	39801	9X26X7SC	TRSCM	9X26X7
9L8336	CATER	J1606	9X26X7TC	TRSCM	9X26X7
9L8P-1177-AA	FORD	710705	9Y9895	CATER	41163T
9L8P-1177-BA	FORD	710706			
9L8P-1177-BB	FORD	710706			
9L8P-7A248-AA	FORD	710712			
9L8P-7H260-BA	FORD	710709			
9L8Z-1177-A	FORD	710709			
9L8Z-1177-B	FORD	710706			
9L8Z-1177-BA	FORD	710706			
9L8Z-1177-C	FORD	710705			
9L8Z-1177-D	FORD	710709			
9L8Z-1177-E	FORD	710709			
9L8Z-1177-F	FORD	710709			
9L8Z-1177-G	FORD	710709			
9L8Z-7A248-D	FORD	710712			
9L9077	CATER	415725 <sup>28</sup>			
9L9185	CATER	480988H			
9M3879	CATER	416892 <sup>28</sup>			
9M5351	CATER	471419			
9M5351	CATER	473367 <sup>28</sup>			
9M7432	CATER	471224 <sup>28</sup>			
9M7962	CATER	415449 <sup>28</sup>			
9M7962	CATER	455147			
9N0307	CATER	3783			
9N0307	FPDSL	3783			

INTERCHANGE SECTION



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