



Weatherly #002
CATALOG NO.
SP1502
2011
Supersedes SP1502
Dated 2008



Engine Parts & Kits
1991 to Present
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Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
4.0L	244.0	3995cc	DOHC V8	87mm	32	GMC Eng.			Oldsmobile	MFI/Gasoline	1999	1
1	1999; 4.0L 244 (3995cc) DOHC V8 (32 Valve), 87mm Bore Northstar; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile										1	
BLOCK												
QTY	GASKETS		YEARS	PART NO.		DESCRIPTION						
2	Head Bolt Set		99	260-2551		Std Only Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability						

Acura Car - See Honda Car

Acura SUV's - See Honda Truck

AM General Truck (Incl. SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	D		Chevrolet	CPI/Gasoline	1997-1996	1
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	D		Chevrolet	TBI/Gasoline	1995-1994	2
6.2L	379.0	6211cc	OHV V8	101mm	16	GMC Eng.	X		Chevrolet	MFI/Diesel	1994-1992	3
6.5L	395.0	6468cc	OHV Turbo V8	103mm	16	GMC Eng.	Z		Chevrolet	MFI/Diesel	2001-1996	4
6.5L	395.0	6468cc	OHV V8	103mm	16	GMC Eng.	Y		Chevrolet	MFI/Diesel	2000-1994	5
1	1997 - 1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code D										1	
BLOCK												
QTY	ENGINE BEARINGS		YEARS	PART NO.		DESCRIPTION						
1	Main Set		97-96	4663M		Std-1-2-10-20-30-40-60						
1	Main Set		97-96	4663MA		Std-1-2-10-20-30-40-60						
1	Rod Set		97-96	8-2555A		Std-1-10-20-30-40-50-60						
1	Rod Set		97-96	8-2555CP		Std-1-10-20-30-40-50						
1	Rod Set		97-96	8-2555CA 60		60						
8	Rod Pair		97-96	2555A		Std-1-2-10-20-30-40-50-60						
8	Rod Pair		97-96	2555CP		Std-1-2-10-20-30-40-50						
8	Rod Pair		97-96	2555CP 10X2		10X2-20X2						
8	Rod Pair		97-96	2555CA 60		60						
1	Cam Set		97-96	1235M		Std-1-10						
1	Cam Set		97-96	1749M		Std Only						
QTY	GASKETS		YEARS	PART NO.		DESCRIPTION						
1	Kit Gasket Set		97-96	260-1735		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.						
1	Kit Gasket Set		97-96	260-1735T		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.						
2	Head Bolt Set		97-96	260-2500		Std Only Replacement recommended						
2	1995 - 1994; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code D										2	
BLOCK												
QTY	ENGINE BEARINGS		YEARS	PART NO.		DESCRIPTION						
1	Main Set		95	4663M		Std-1-2-10-20-30-40-60						
1	Main Set		95	4663MA		Std-1-2-10-20-30-40-60						
1	Rod Set		95	8-2555A		Std-1-10-20-30-40-50-60						
1	Rod Set		95	8-2555CP		Std-1-10-20-30-40-50						
1	Rod Set		95	8-2555CA 60		60						
8	Rod Pair		95	2555A		Std-1-2-10-20-30-40-50-60						
8	Rod Pair		95	2555CP		Std-1-2-10-20-30-40-50						
8	Rod Pair		95	2555CP 10X2		10X2-20X2						
8	Rod Pair		95	2555CA 60		60						
1	Cam Set		95	1235M		Std-1-10						
1	Cam Set		95	1749M		Std Only						
QTY	GASKETS		YEARS	PART NO.		DESCRIPTION						

AM General Truck (Incl. SUV's)

2 (cont.)		1995 - 1994; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code D				2 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-94	260-1269		Exh. valve stem seals for H/D not incl.; Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	95-94	260-2500	Std Only	Replacement recommended		
3		1994 - 1992; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				3	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93	7370M	Std-.026-.25-.50-.75MM	3/4 grooved		
1	Rod Set	93	8-3860P	Std-.026-.25-.50-.75MM			
8	Rod Pair	93	3860P	Std-.026-.25-.50-.75MM			
1	Cam Set	93	1496M	Std Only	Full round design		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-92	260-1620		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
1	Kit Gasket Set	94-92	260-1621		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
2	Head Bolt Set	94-92	260-2507	Std Only	Replacement recommended		
4		2001 - 1996; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code Z				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	01-96	KT3-181SA		(1) 222-181; (1) 223-524; (1) 223-807		
1	Timing Chain	01-96	222-181		48 Links		
1	Cam Sprocket	01-96	223-524		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	01-96	CS-770		Hydraulic, (050) Duration at .050 Lobe Lift		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	01-96	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	01-96	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	01-96	KC-770		Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	01-96	RP-3342	Std Only	8.8215" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	01-96	R-950D	Std Only	Incl. arm; Incl. retainer		
16	Arm	01-96	R-950	Std Only	Stamped steel		
16	Retainer	01-96	MR-1948	Std Only			
16	Retainer, Bulk	01-96	MR-1948B	Std Only	Carton of 1000		
2	Rocker Shaft	01-96	RS-676	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	01-96	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.		
8	Intake	01-96	V-2287	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	01-96	VG-5052T	Std Only	Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	01-96	VS-820	Std Only	2.035" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	01-96	MV-1233C	Std Only	O-Ring; (RBB) Rubber		
16	Valve Stem Seal Bulk	01-96	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	01-96	245-1937-17	Std Only	Loc. Int.; 1.9425" OD, 1.6875" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	01-96	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	01-96	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	01-96	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	01-96	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
8	Rotocap	01-96	RC-157S	Std Only	Loc. Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	01-96	2773PNA	Std-.50-.75MM	Cast; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia.		

AM General Truck (Incl. SUV's)

4 (cont.)		2001 - 1996; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code Z				4 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Pin Bushing	01-96	3864Y20		w/.020" extra bore stock		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	01-96	E-626K	Std.-50-.75MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	01-96	WE-626K	Std.-50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-96	7370M	Std.-026-.25-.50-.75MM	3/4 grooved		
1	Rod Set	01-96	8-3860P	Std.-026-.25-.50-.75MM			
8	Rod Pair	01-96	3860P	Std.-026-.25-.50-.75MM			
1	Cam Set	01-96	1496M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	96	224-43424				
1	Inter. Shaft	01-96	224-6143H				
1	Oil Pump Shaft Guide	01-96	224-43351		Nylon		
1	Screen Assy.	01-96	224-1143H				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-96	260-1772		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
1	Kit Gasket Set	01-96	260-1773		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
2	Head Bolt Set	01-96	260-2507	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	01-96	381-8057				
1	Brass Deep Cup Freeze Plug	01-96	381-9001		1.625" Diameter		
1	Steel Deep Cup Freeze Plug	01-96	381-3178		16.5mm Diameter		
1	Steel Shallow Cup Freeze Plug	01-96	381-2154		2.219" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring	205-6866	----		
01-96	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring	205-6934	----		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6866M	----		
01-96	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring w/Mains	205-6934M	----		
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; When depleted use MKP-7026		Master	MKP-6359A	----		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Master	MKP-7026	----		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Master w/o Pistons	MK-7026	----		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Master w/o Rods & Mains	505-7026	----		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Premium Rings	BK-6096	----		
01-96	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Premium Rings	BK-6097	----		
01-96	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6096	----		
01-96	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6097	----		
5		2000 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	00-94	KT3-181SA		(1) 222-181; (1) 223-524; (1) 223-807		
1	Timing Chain	00-94	222-181		48 Links		
1	Cam Sprocket	00-94	223-524		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	00-94	CS-770		Hydraulic, (050) Duration at .050 Lobe Lift		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		

AM General Truck (Incl. SUV's)

5 (cont.)		2000 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y			5 (cont.)	
VALVETRAIN						
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	00-94	HT-2104	Std Only	Hyd. rlr.	
16	Lifter, Bulk	00-94	HT-2104B	Std Only	Hyd. rlr.; Carton of 113	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	00-94	KC-770		Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	00-94	RP-3342	Std Only	8.8215" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm Assy.	00-94	R-950D	Std Only	Incl. arm; Incl. retainer	
16	Arm	00-94	R-950	Std Only	Stamped steel	
16	Retainer	00-94	MR-1948	Std Only		
16	Retainer, Bulk	00-94	MR-1948B	Std Only	Carton of 1000	
2	Rocker Shaft	00-94	RS-676	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	00-94	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.	
8	Intake	00-94	V-2287	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	00-94	VG-5052T	Std Only	Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	00-94	VS-820	Std Only	2.035" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	00-94	MV-1233C	Std Only	O-Ring; (RBB) Rubber	
16	Valve Stem Seal Bulk	00-94	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	00-94	245-1937-17	Std Only	Loc. Int.; 1.9425" OD, 1.6875" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	00-94	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
32	Keeper	00-94	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
32	Keeper	00-94	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
32	Keeper, Bulk	00-94	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
8	Rotocap	00-94	RC-157S	Std Only	Loc. Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	00-94	2773PNA	Std-50-.75MM	Cast; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia. w/.020" extra bore stock	
8	Pin Bushing	00-94	3864Y20			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00-94	E-626K	Std-50-.75MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
8	Premium Single Cylinder Set	00-94	WE-626K	Std-50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	00-94	7370M	Std-.026-.25-.50-.75MM	3/4 grooved	
1	Rod Set	00-94	8-3860P	Std-.026-.25-.50-.75MM		
8	Rod Pair	00-94	3860P	Std-.026-.25-.50-.75MM		
1	Cam Set	00-94	1496M	Std Only	Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-94	224-43424			
1	Inter. Shaft	00-94	224-6143H			
1	Oil Pump Shaft Guide	00-94	224-43351		Nylon	
1	Screen Assy.	00-94	224-1143H			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-94	260-1772		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	
1	Kit Gasket Set	00-94	260-1773		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	
2	Head Bolt Set	00-94	260-2507	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	00-94	381-8057			
1	Brass Deep Cup Freeze Plug	00-94	381-9001		1.625" Diameter	
1	Steel Deep Cup Freeze Plug	00-94	381-3178		16.5mm Diameter	
1	Steel Shallow Cup Freeze Plug	00-94	381-2154		2.219" Diameter	

AM General Truck (Incl. SUV's)

5 (cont.)	2000 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y								5 (cont.)
KITS									
RE-RING KIT (cont.)									
YEARS	DESCRIPTION							PREMIUM KIT NO.	STANDARD KIT NO.
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.					Re-ring		205-6866	----
00-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.					Re-ring		205-6934	----
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Re-ring w/Mains		205-6866M	----
00-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.					Re-ring w/Mains		205-6934M	----
OVERHAUL KIT									
YEARS	DESCRIPTION							PREMIUM KIT NO.	STANDARD KIT NO.
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; When depleted use MKP-7026					Master		MKP-6359A	----
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Master		MKP-7026	----
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Master w/o Pistons		MK-7026	----
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.					Master w/o Rods & Mains		505-7026	----
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Block Kit w/Premium Rings		BK-6096	----
00-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Block Kit w/Premium Rings		BK-6097	----
00-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Block Kit w/Oil Pump & Freeze Plugs		BKP-6096	----
00-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.					Block Kit w/Oil Pump & Freeze Plugs		BKP-6097	----

AMC - See American Motors Car

Audi Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AEB		MFI/Gasoline	2000	1
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AMB		MFI/Gasoline	2006-2001	2
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AMU		MFI/Gasoline	2005-2000	3
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		ATC		MFI/Gasoline	2005-2000	4
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		ATW		MFI/Gasoline	2000	5
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWM		MFI/Gasoline	2005-2001	6
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWP		MFI/Gasoline	2005-2000	7
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		BEA		MFI/Gasoline	2005-2003	8
2.3L	140.8	2309cc	SOHC L5	82.5mm	10	Audi Eng.		NF		MFI/Gasoline	1991	9
2.3L	140.8	2309cc	SOHC L5	82.5mm	10	Audi Eng.		NG		MFI/Gasoline	1992-1991	10
2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		APB		MFI/Gasoline	2002-2000	11
2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		BEL		MFI/Gasoline	2003	12
2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		AHA		MFI/Gasoline	2001-1998	13
2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		ATQ		MFI/Gasoline	2001-2000	14
2.8L	169.0	2771cc	SOHC V6	82.5mm	12	Audi Eng.		AAH		MFI/Gasoline	1998-1992	15
2.8L	169.0	2771cc	SOHC V6	82.5mm	12	Audi Eng.		AFC		MFI/Gasoline	1998-1994	16
3.0L	181.6	2976cc	DOHC V6	82.5mm	30	Audi Eng.		AVK		MFI/Gasoline	2005-2002	17
4.2L	254.5	4172cc	DOHC V8	84.5mm	32	Audi Eng.		ABH		MFI/Gasoline	1994-1992	18
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
AAH	2.8L	169.0	2771cc	SOHC V6	82.5mm	12	Audi Eng.		MFI/Gasoline	1998-1992	15	
ABH	4.2L	254.5	4172cc	DOHC V8	84.5mm	32	Audi Eng.		MFI/Gasoline	1994-1992	18	
AEB	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2000	1	
AFC	2.8L	169.0	2771cc	SOHC V6	82.5mm	12	Audi Eng.		MFI/Gasoline	1998-1994	16	
AHA	2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		MFI/Gasoline	2001-1998	13	
AMB	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2006-2001	2	
AMU	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2000	3	
APB	2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		MFI/Gasoline	2002-2000	11	

Audi Car

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
ATC	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2000	4
ATQ	2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		MFI/Gasoline	2001-2000	14
ATW	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2000	5
AVK	3.0L	181.6	2976cc	DOHC V6	82.5mm	30	Audi Eng.		MFI/Gasoline	2005-2002	17
AWM	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2001	6
AWP	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2000	7
BEA	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2003	8
BEL	2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		MFI/Gasoline	2003	12
NF	2.3L	140.8	2309cc	SOHC L5	82.5mm	10	Audi Eng.		MFI/Gasoline	1991	9
NG	2.3L	140.8	2309cc	SOHC L5	82.5mm	10	Audi Eng.		MFI/Gasoline	1992-1991	10
1	2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AEB										1
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.			DESCRIPTION				
8	Exhaust		00	V-4615X	Std Only		Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.				
12	Intake		00	V-4614	Std Only		1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.				
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.			DESCRIPTION				
1	Rod Set		00	4-4465P	Std-.25MM		Not For Cracked Rods; w/oil hole				
2	2006 - 2001; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AMB										2
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.			DESCRIPTION				
8	Exhaust		06-01	V-4615X	Std Only		Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.				
12	Intake		06-01	V-4614	Std Only		1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.				
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.			DESCRIPTION				
1	Rod Set		05-01	4-4465P	Std-.25MM		Not For Cracked Rods; w/oil hole				
3	2005 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AMU										3
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.			DESCRIPTION				
8	Exhaust		03-00	V-4615X	Std Only		Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.				
12	Intake		03-00	V-4614	Std Only		1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.				
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.			DESCRIPTION				
1	Rod Set		05-00	4-4465P	Std-.25MM		Not For Cracked Rods; w/oil hole				
4	2005 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code ATC										4
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.			DESCRIPTION				
8	Exhaust		03-00	V-4615X	Std Only		Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.				
12	Intake		03-00	V-4614	Std Only		1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.				
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.			DESCRIPTION				
1	Rod Set		05-00	4-4465P	Std-.25MM		Not For Cracked Rods; w/oil hole				
5	2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code ATW										5
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.			DESCRIPTION				
8	Exhaust		00	V-4615X	Std Only		Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.				
12	Intake		00	V-4614	Std Only		1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.				
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.			DESCRIPTION				
1	Rod Set		00	4-4465P	Std-.25MM		Not For Cracked Rods; w/oil hole				

6		2005 - 2001; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWM				6
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-01	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.	
12	Intake	05-01	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	05-01	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
7		2005 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWP				7
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03-00	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.	
12	Intake	03-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	05-00	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
8		2005 - 2003; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code BEA				8
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.	
12	Intake	03	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	05-03	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
9		1991; 2.3L 2309cc SOHC L5 (10 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code NF				9
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
5	Exhaust	91	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.	
10		1992 - 1991; 2.3L 2309cc SOHC L5 (10 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code NG				10
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
5	Exhaust	92-91	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.	
11		2002 - 2000; 2.7L 2671cc DOHC V6 (30 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Audi Eng.; Eng. Code APB				11
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	02-00	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.	
18	Intake	02-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	
12		2003; 2.7L 2671cc DOHC V6 (30 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Audi Eng.; Eng. Code BEL				12
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	03	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.	
18	Intake	03	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	

Audi Car

13	2001 - 1998; 2.8L 2771cc DOHC V6 (30 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code AHA										13
VALVETRAIN											
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	01-98	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.						
18	Intake	01-98	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						
14	2001 - 2000; 2.8L 2771cc DOHC V6 (30 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code ATQ										14
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	01-00	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.						
18	Intake	01-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						
15	1998 - 1992; 2.8L 2771cc SOHC V6 (12 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code AAH										15
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	95-92	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.						
12	Intake	98-96	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Rod Set	98-92	6-4520P	Std Only							
16	1998 - 1994; 2.8L 2771cc SOHC V6 (12 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code AFC										16
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	95-94	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.						
12	Intake	98-96	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Rod Set	98-94	6-4520P	Std Only							
17	2005 - 2002; 3.0L 2976cc DOHC V6 (30 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code AVK										17
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	05-04	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.						
12	Exhaust	03-02	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.						
18	Intake	05-04	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						
18	Intake	03-02	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						
18	1994 - 1992; 4.2L 4172cc DOHC V8 (32 Valve), 84.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code ABH										18
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
16	Intake	94-92	V-4616	Std Only	1.26" Head Dia., 0.2742" Stem Dia., 3.76" O.A.L.						

Audi SUV's - See Audi Truck

Audi Truck (Incl. SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		APB		MFI/Gasoline	2002-2001	1
2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		BEL		MFI/Gasoline	2003	2
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
APB	2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		MFI/Gasoline	2002-2001	1	
BEL	2.7L	163.0	2671cc	DOHC V6	81mm	30	Audi Eng.		MFI/Gasoline	2003	2	

Audi Truck (Incl. SUV's)

1	2002 - 2001; 2.7L 2671cc DOHC V6 (30 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Audi Eng.; Eng. Code APB										1
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	02-01	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.						
18	Intake	02-01	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						
2	2003; 2.7L 2671cc DOHC V6 (30 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Audi Eng.; Eng. Code BEL										2
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	03	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.						
18	Intake	03	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						

Austin - See British Leyland

Austin-Healey - See British Leyland

Bertone - See Fiat

BMW Car (Incl. BMW, Mini)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.8L	109.5	1796cc	DOHC L4	84mm	16	BMW Eng.		M42B18		MFI/Gasoline	1995-1991	1
2.5L	152.2	2494cc	DOHC L6	84mm	24	BMW Eng.		M50B25		MFI/Gasoline	1995-1991	2
2.5L	152.2	2494cc	DOHC L6	84mm	24	BMW Eng.		M52B25		MFI/Gasoline	2000-1998	3
2.5L	152.2	2494cc	SOHC L6	84mm	12	BMW Eng.		M20B25		MFI/Gasoline	1993-1991	4
3.0L	182.8	2997cc	DOHC V8	84mm	32	BMW Eng.		M60B30		MFI/Gasoline	1995-1994	5
4.0L	242.9	3982cc	DOHC V8	89mm	32	BMW Eng.		M60B40		MFI/Gasoline	1995-1993	6
4.4L	268.4	4398cc	DOHC V8	92mm	32	BMW Eng.		M62B44		MFI/Gasoline	1999-1996	7
5.0L	304.3	4988cc	SOHC V12	84mm	24	BMW Eng.		M70B50		MFI/Gasoline	1994-1991	8
5.4L	328.0	5379cc	SOHC V12	85mm	24	BMW Eng.		M73B54		MFI/Gasoline	2001-1995	9
5.6L	340.1	5576cc	SOHC V12	86mm	24	BMW Eng.		S70B56		MFI/Gasoline	1995-1994	10
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
M20B25	2.5L	152.2	2494cc	SOHC L6	84mm	12	BMW Eng.		MFI/Gasoline	1993-1991	4	
M42B18	1.8L	109.5	1796cc	DOHC L4	84mm	16	BMW Eng.		MFI/Gasoline	1995-1991	1	
M50B25	2.5L	152.2	2494cc	DOHC L6	84mm	24	BMW Eng.		MFI/Gasoline	1995-1991	2	
M52B25	2.5L	152.2	2494cc	DOHC L6	84mm	24	BMW Eng.		MFI/Gasoline	2000-1998	3	
M60B30	3.0L	182.8	2997cc	DOHC V8	84mm	32	BMW Eng.		MFI/Gasoline	1995-1994	5	
M60B40	4.0L	242.9	3982cc	DOHC V8	89mm	32	BMW Eng.		MFI/Gasoline	1995-1993	6	
M62B44	4.4L	268.4	4398cc	DOHC V8	92mm	32	BMW Eng.		MFI/Gasoline	1999-1996	7	
M70B50	5.0L	304.3	4988cc	SOHC V12	84mm	24	BMW Eng.		MFI/Gasoline	1994-1991	8	
M73B54	5.4L	328.0	5379cc	SOHC V12	85mm	24	BMW Eng.		MFI/Gasoline	2001-1995	9	
S70B56	5.6L	340.1	5576cc	SOHC V12	86mm	24	BMW Eng.		MFI/Gasoline	1995-1994	10	
1	1995 - 1991; 1.8L 1796cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M42B18										1	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.		DESCRIPTION							
8	Exhaust	95-92	V-4664	Std Only	Chrome plated stem; 1.197" Head Dia., 0.2343" Stem Dia., 4.16" O.A.L.							
8	Exhaust	91	V-4663	Std Only	Chrome plated stem; 1.198" Head Dia., 0.2737" Stem Dia., 4.184" O.A.L.							
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION							
8	Seat	95-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth							
8	Seat	95-91	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth							
2	1995 - 1991; 2.5L 2494cc DOHC L6 (24 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M50B25										2	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.		DESCRIPTION							
12	Exhaust	95-93	V-4664	Std Only	Chrome plated stem; 1.197" Head Dia., 0.2343" Stem Dia., 4.16" O.A.L.							
12	Exhaust	92-91	V-4663	Std Only	Chrome plated stem; 1.198" Head Dia., 0.2737" Stem Dia., 4.184" O.A.L.							

BMW Car (Incl. BMW, Mini)

2		1995 - 1991; 2.5L 2494cc DOHC L6 (24 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M50B25				2	
(cont.)						(cont.)	
VALVETRAIN							
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	95-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
12	Seat	95-91	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-92	7027M	Std Only	Lower halves w/single tang		
3		2000 - 1998; 2.5L 2494cc DOHC L6 (24 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M52B25				3	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	00-98	V-4664	Std Only	Chrome plated stem; 1.197" Head Dia., 0.2343" Stem Dia., 4.16" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	98	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
12	Seat	98	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
4		1993 - 1991; 2.5L 2494cc SOHC L6 (12 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M20B25				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	93-91	222-131		Interference Eng.; 127 teeth		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	93-91	V-4661	Std Only	Chrome plated stem; 1.415" Head Dia., 0.2745" Stem Dia., 4.035" O.A.L.		
6	Intake	93-91	V-4662	Std Only	Chrome plated stem; 1.651" Head Dia., 0.2743" Stem Dia., 4.035" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	93-91	245-1500-62	Std Only	Loc. Exh.; 1.304" ID top taper; 1.507" OD, 1.22" ID, 0.31" Depth		
6	Seat	93-91	245-1750-60	Std Only	Loc. Int.; 1.555" ID top taper; 1.757" OD, 1.437" ID, 0.302" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	7027M	Std Only	Lower halves w/single tang		
5		1995 - 1994; 3.0L 2997cc DOHC V8 (32 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M60B30				5	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	95-94	8-4545P	Std Only			
6		1995 - 1993; 4.0L 3982cc DOHC V8 (32 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M60B40				6	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	95-93	8-4545P	Std Only			
7		1999 - 1996; 4.4L 4398cc DOHC V8 (32 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M62B44				7	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	99-96	8-4545P	Std Only			
8		1994 - 1991; 5.0L 4988cc SOHC V12 (24 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M70B50				8	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Intake	94-91	V-4639	Std Only	1.65" Head Dia., 0.2744" Stem Dia., 4.02" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	94-91	245-1500-63	Std Only	1.507" OD, 1.21" ID, 0.345" Depth		
12	Seat	94-91	245-1750-60	Std Only	1.555" ID top taper; 1.757" OD, 1.437" ID, 0.302" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7311M	Std Only			

BMW Car (Incl. BMW, Mini)

9	2001 - 1995; 5.4L 5379cc SOHC V12 (24 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code M73B54								9
VALVETRAIN									
QTY	VALVE SEAT (cont.)	YEARS	PART NO.					DESCRIPTION	
12	Seat	01-00	245-1750-60	Std Only				1.555" ID top taper; 1.757" OD, 1.437" ID, 0.302" Depth	
BLOCK									
QTY	ENGINE BEARINGS	YEARS	PART NO.					DESCRIPTION	
1	Main Set	99-95	7311M	Std Only					
10	1995 - 1994; 5.6L 5576cc SOHC V12 (24 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated BMW Eng.; Eng. Code S70B56								10
BLOCK									
QTY	ENGINE BEARINGS	YEARS	PART NO.					DESCRIPTION	
1	Main Set	95-94	7311M	Std Only					

BMW SUV's - See BMW Truck

Buick Car - See GM Car

Buick Minivans - See GMC Truck

Buick SUV's - See GMC Truck

Cadillac Car - See GM Car

Cadillac SUV's - See GMC Truck

Chevrolet Car - See GM Car

Chevrolet Minivans - See GMC Truck

Chevrolet SUV's - See GMC Truck

Chevrolet Truck - See GMC Truck

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.	A	4G15		MFI/Gasoline	1996-1991	1
1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.	K	4G15		MFI/Gasoline	1991	2
1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.	Q	4G15		MFI/Gasoline	1996-1991	3
1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.	Q	G15B		2 Bbl./Gasoline	1991	4
1.8L	107.1	1755cc	SOHC L4	80.6mm	8	Mitsubishi Eng.	B	4G37		MFI/Gasoline	1994-1993	5
1.8L	107.1	1755cc	SOHC L4	80.6mm	8	Mitsubishi Eng.	T	4G37		MFI/Gasoline	1992-1991	6
1.8L	111.8	1834cc	SOHC L4	81mm	16	Mitsubishi Eng.	C	4G93		MFI/Gasoline	1996-1992	7
1.8L	111.8	1834cc	SOHC L4	81mm	16	Mitsubishi Eng.	D	4G93		MFI/Gasoline	1992	8
2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.	B			MFI/Gasoline	1999-1995	9
2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.	Y	A588		MFI/Gasoline	1999-1995	10
2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.	Y			MFI/Gasoline	2004-2002	11
2.0L	122.0	1996cc	SOHC L4	87.5mm	16	Chrysler Eng.	C			MFI/Gasoline	2005-1995	12
2.0L	122.0	1996cc	SOHC L4	87.5mm	16	Chrysler Eng.	F			MFI/Gasoline	2005-2001	13
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	E	4G63		MFI/Gasoline	1994-1993	14
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	F	4G63-T		MFI/Gasoline	1998-1993	15
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	R	4G63		MFI/Gasoline	1993-1991	16
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	U	4G63-T		MFI/Gasoline	1992-1991	17
2.0L	122.0	1997cc	SOHC L4	85mm	16	Mitsubishi Eng.	D	4G63		MFI/Gasoline	1993	18
2.0L	122.0	1997cc	SOHC L4	85mm	16	Mitsubishi Eng.	V	4G63		MFI/Gasoline	1993	19
2.0L	122.0	1997cc	SOHC L4	85mm	8	Mitsubishi Eng.	V	4G63		MFI/Gasoline	1992-1991	20
2.0L	122.0	1997cc	SOHC L4	85mm	8	Mitsubishi Eng.	V	G63B		MFI/Gasoline	1991	21
2.2L	135.0	2212cc	DOHC L4	87.5mm	16	Chrysler Eng.	A			MFI/Gasoline	1993-1991	22
2.2L	135.0	2212cc	SOHC L4	87.5mm	8	Chrysler Eng.	D			TBI/Gasoline	1994-1991	23
2.4L	143.4	2351cc	SOHC L4	86.5mm	16	Mitsubishi Eng.	G	4G64		MFI/Gasoline	2005-1993	24
2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.	W	4G64		MFI/Gasoline	1992	25
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	E			MFI/Gasoline	2007-2004	26

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	G			MFI/Gasoline	2003	27
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	J			MFI/Gasoline	2006-2004	28
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	S			MFI/Gasoline	2007-2004	29
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	X			MFI/Gasoline	2008-1995	30
2.5L	152.2	2497cc	SOHC V6	83.5mm	24	Mitsubishi Eng.	H	6G73		MFI/Gasoline	2000-1995	31
2.5L	152.2	2497cc	SOHC V6	83.5mm	24	Mitsubishi Eng.	N	6G73		MFI/Gasoline	2000-1995	32
2.5L	153.0	2507cc	SOHC L4	87.5mm	8	Chrysler Eng.	J			MFI/Gasoline	1992-1991	33
2.5L	153.0	2507cc	SOHC L4	87.5mm	8	Chrysler Eng.	K			TBI/Gasoline	1995-1991	34
2.5L	153.0	2507cc	SOHC L4	87.5mm	8	Chrysler Eng.	V			MFI/Flex Fuel	1994-1993	35
2.7L	167.0	2736cc	DOHC V6	86mm	24	Chrysler Eng.	D			MFI/Flex Fuel	2010	36
2.7L	167.0	2736cc	DOHC V6	86mm	24	Chrysler Eng.	R			MFI/Gasoline	2009-1998	37
2.7L	167.0	2736cc	DOHC V6	86mm	24	Chrysler Eng.	T			MFI/Flex Fuel	2009-2003	38
2.7L	167.0	2736cc	DOHC V6	86mm	24	Chrysler Eng.	U			MFI/Gasoline	2005-2000	39
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	B	6G72		MFI/Gasoline	1992-1991	40
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	C	6G72-T		MFI/Gasoline	1992-1991	41
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	J	6G72		MFI/Gasoline	1996-1993	42
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	K	6G72-T		MFI/Gasoline	1996-1993	43
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	3	6G72		MFI/Gasoline	1995-1991	44
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	H	6G72		MFI/Gasoline	1996-1993	45
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	S	6G72		MFI/Gasoline	1992-1991	46
3.0L	181.1	2972cc	SOHC V6	91.1mm	24	Mitsubishi Eng.	H	6G72		MFI/Gasoline	2005-2001	47
3.0L	182.0	2970cc	SOHC V6	93mm	12	Volvo Eng.	U	PRV		MFI/Gasoline	1991	48
3.2L	197.0	3231cc	SOHC V6	92mm	24	Chrysler Eng.	J			MFI/Gasoline	2001-1998	49
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	R			MFI/Gasoline	1993-1991	50
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	T			MFI/Gasoline	1997-1993	51
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	U			MFI/Flex Fuel	1996-1994	52
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	F			MFI/Gasoline	1998-1993	53
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	G			MFI/Gasoline	2009-1998	54
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	K			MFI/Gasoline	2004-2002	55
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	M			MFI/Gasoline	2009-2002	56
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	V			MFI/Gasoline	2010-2000	57
3.8L	231.0	3785cc	OHV V6	96mm	12	Chrysler Eng.	L			MFI/Gasoline	1993-1991	58
5.7L	345.0	5654cc	OHV V8	99.5mm	16	Chrysler Eng.	2			MFI/Gasoline	2006	59
5.7L	345.0	5654cc	OHV V8	99.5mm	16	Chrysler Eng.	H			MFI/Gasoline	2008-2005	60
6.1L	370.0	6059cc	OHV V8	103mm	16	Chrysler Eng.	W			MFI/Gasoline	2008-2005	61
8.0L	488.0	7994cc	OHV V10	101.6mm	20	Chrysler Eng.	E			MFI/Gasoline	2002-1992	62
8.3L	505.0	8277cc	OHV V10	102.4mm	20	Chrysler Eng.	Z			MFI/Gasoline	2006-2003	63

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
A588	2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.	Y	MFI/Gasoline	1999-1995	10
G15B	1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.	Q	2 Bbl./Gasoline	1991	4
G63B	2.0L	122.0	1997cc	SOHC L4	85mm	8	Mitsubishi Eng.	V	MFI/Gasoline	1991	21
PRV	3.0L	182.0	2970cc	SOHC V6	93mm	12	Volvo Eng.	U	MFI/Gasoline	1991	48
4G15	1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.	A	MFI/Gasoline	1996-1991	1
4G15	1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.	K	MFI/Gasoline	1991	2
4G15	1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.	Q	MFI/Gasoline	1996-1991	3
4G37	1.8L	107.1	1755cc	SOHC L4	80.6mm	8	Mitsubishi Eng.	B	MFI/Gasoline	1994-1993	5
4G37	1.8L	107.1	1755cc	SOHC L4	80.6mm	8	Mitsubishi Eng.	T	MFI/Gasoline	1992-1991	6
4G63	2.0L	122.0	1997cc	SOHC L4	85mm	16	Mitsubishi Eng.	D	MFI/Gasoline	1993	18
4G63	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	E	MFI/Gasoline	1994-1993	14
4G63	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	R	MFI/Gasoline	1993-1991	16
4G63	2.0L	122.0	1997cc	SOHC L4	85mm	16	Mitsubishi Eng.	V	MFI/Gasoline	1993	19
4G63	2.0L	122.0	1997cc	SOHC L4	85mm	8	Mitsubishi Eng.	V	MFI/Gasoline	1992-1991	20
4G63-T	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	F	MFI/Gasoline	1998-1993	15
4G63-T	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.	U	MFI/Gasoline	1992-1991	17
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	16	Mitsubishi Eng.	G	MFI/Gasoline	2005-1993	24
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.	W	MFI/Gasoline	1992	25
4G93	1.8L	111.8	1834cc	SOHC L4	81mm	16	Mitsubishi Eng.	C	MFI/Gasoline	1996-1992	7
4G93	1.8L	111.8	1834cc	SOHC L4	81mm	16	Mitsubishi Eng.	D	MFI/Gasoline	1992	8
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	3	MFI/Gasoline	1995-1991	44
6G72	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	B	MFI/Gasoline	1992-1991	40
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	H	MFI/Gasoline	1996-1993	45
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	24	Mitsubishi Eng.	H	MFI/Gasoline	2005-2001	47
6G72	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	J	MFI/Gasoline	1996-1993	42
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	S	MFI/Gasoline	1992-1991	46

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
6G72-T	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	C	MFI/Gasoline	1992-1991	41
6G72-T	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.	K	MFI/Gasoline	1996-1993	43
6G73	2.5L	152.2	2497cc	SOHC V6	83.5mm	24	Mitsubishi Eng.	H	MFI/Gasoline	2000-1995	31
6G73	2.5L	152.2	2497cc	SOHC V6	83.5mm	24	Mitsubishi Eng.	N	MFI/Gasoline	2000-1995	32
1	1996 - 1991; 1.5L 89.6 (1468cc) SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code A, Eng. Code 4G15										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	96	222-B191	Interference Eng.							
1	Timing Belt	95-91	222-B191								
1	Timing Belt Tensioner	96	222-224BT								
1	Timing Belt Tensioner	95-91	222-224BT								
1	Timing Belt & Tensioner Set	92-91	BTS-128								
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
6	Exhaust	96-91	V-4376	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2576" Stem Dia., 3.981" O.A.L.						
6	Intake	96-91	V-4374	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2585" Stem Dia., 3.971" O.A.L.						
6	Intake	96-91	V-4375	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2584" Stem Dia., 3.969" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
6	Guide	96-91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L.						
6	Guide	96-91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L.						
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION							
12	Spring	96-95	VS-1558	Std Only	Loc. Int. & Exh.; 1.837" Free Height						
6	Spring	94-91	VS-1558	Std Only	Loc. Exh.; 1.837" Free Height						
6	Spring	94-91	VS-1559	Std Only	Loc. Int.; 1.781" Free Height						
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
12	Valve Stem Seal	96-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber						
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION							
6	Seat	96-91	245-1125-52	Std Only	Loc. Int.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth						
6	Seat	96-91	245-1312-62	Std Only	Loc. Int.; 1.120" ID top taper; Use w/1.220" head dia.; 1.3195" OD, 1.065" ID, 0.285" Depth						
6	Seat	96-91	245-1437-61	Std Only	Loc. Exh.; 1.4445" OD, 1.162" ID, 0.31" Depth						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
24	Keeper	96-91	VK-230	Std Only							
BLOCK											
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	96-91	E-619KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome						
1	Premium Set	91	E-516KC	Std-50-75MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome						
1	Standard Set	91	E-516X	Std-50-75-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron						
4	Premium Single Cylinder Set	91	WE-516KC	Std-50MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome						
4	Standard Single Cylinder Set	91	WE-516X	Std-50-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron						
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	96-91	6630M	Std-25-50MM							
1	Rod Set	96-91	4-4475RA	Std-25-50MM							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION							
1	Oil Pump	96-91	224-43593								
1	Screen Assy.	96-91	224-14281								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION							
1	Kit Gasket Set	94-91	260-1702	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.							
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION							
1	Brass Block Plug Kit	92-91	381-8095								
1	Brass Deep Cup Freeze Plug	92-91	381-9009	35mm Diameter							
KITS											
RE-RING KIT										PREMIUM	STANDARD
YEARS	DESCRIPTION								KIT NO.	KIT NO.	
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.							Re-ring	205-6327	----	
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.							Re-ring w/Mains	205-6327M	----	

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2		1991; 1.5L 89.6 (1468cc) SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code K, Eng. Code 4G15					2	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	91	222-B191					
1	Timing Belt Tensioner	91	222-224BT					
1	Timing Belt & Tensioner Set	91	BTS-128					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
6	Exhaust	91	V-4376	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2576" Stem Dia., 3.981" O.A.L.			
6	Intake	91	V-4374	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2585" Stem Dia., 3.971" O.A.L.			
6	Intake	91	V-4375	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2584" Stem Dia., 3.969" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
6	Guide	91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L.			
6	Guide	91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
6	Spring	91	VS-1558	Std Only	Loc. Exh.; 1.837" Free Height			
6	Spring	91	VS-1559	Std Only	Loc. Int.; 1.781" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
12	Valve Stem Seal	91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
6	Seat	91	245-1125-52	Std Only	Loc. Int.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth			
6	Seat	91	245-1312-62	Std Only	Loc. Int.; 1.120" ID top taper; Use w/1.220" head dia.; 1.3195" OD, 1.065" ID, 0.285" Depth			
6	Seat	91	245-1437-61	Std Only	Loc. Exh.; 1.4445" OD, 1.162" ID, 0.31" Depth			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
24	Keeper	91	VK-230	Std Only				
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	91	E-516KC	Std-50-.75MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome			
1	Premium Set	91	E-619KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome			
1	Standard Set	91	E-516X	Std-.50-.75-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron			
4	Premium Single Cylinder Set	91	WE-516KC	Std-.50MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome			
4	Standard Single Cylinder Set	91	WE-516X	Std-.50-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	91	6630M	Std-.25-.50MM				
1	Rod Set	91	4-4475RA	Std-.25-.50MM				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	91	224-43593					
1	Screen Assy.	91	224-14281					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	91	260-1702		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	91	381-8095					
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter			
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
91-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6327	----	
91-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6327M	----	
3		1996 - 1991; 1.5L 89.6 (1468cc) SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code Q, Eng. Code 4G15					3	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	95-91	222-B191					
1	Timing Belt Tensioner	94-91	222-224BT					
1	Timing Belt & Tensioner Set	92-91	BTS-128					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
6	Exhaust	96-91	V-4376	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2576" Stem Dia., 3.981" O.A.L.			
6	Intake	96-91	V-4374	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2585" Stem Dia., 3.971" O.A.L.			
6	Intake	96-91	V-4375	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2584" Stem Dia., 3.969" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
6	Guide	96-91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L.			
6	Guide	96-91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L.			

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3 (cont.)	1996 - 1991; 1.5L 89.6 (1468cc) SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code Q, Eng. Code 4G15					3 (cont.)
VALVETRAIN						
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	96-95	VS-1558	Std Only	Loc. Int. & Exh.; 1.837" Free Height	
6	Spring	94-91	VS-1558	Std Only	Loc. Exh.; 1.837" Free Height	
6	Spring	94-91	VS-1559	Std Only	Loc. Int.; 1.781" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	96-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	96-91	245-1125-52	Std Only	Loc. Int.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth	
6	Seat	96-91	245-1312-62	Std Only	Loc. Int.; 1.120" ID top taper; Use w/1.220" head dia.; 1.3195" OD, 1.065" ID, 0.285" Depth	
6	Seat	96-91	245-1437-61	Std Only	Loc. Exh.; 1.4445" OD, 1.162" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	96-91	VK-230	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-91	E-619KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	91	E-516KC	Std-50-75MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	91	E-516X	Std-50-75-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	91	WE-516KC	Std-50MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome	
4	Standard Single Cylinder Set	91	WE-516X	Std-50-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	6630M	Std-25-50MM		
1	Rod Set	96-91	4-4475RA	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	96-91	224-43593			
1	Screen Assy.	96-91	224-14281			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-91	260-1702		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8095			
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6327	----
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6327M	----
4	1991; 1.5L 89.6 (1468cc) SOHC L4 (8 Valve), 75.5mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code Q, Eng. Code G15B					4
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-B191			
1	Timing Belt Tensioner	91	222-224BT			
1	Timing Belt & Tensioner Set	91	BTS-128			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L	
4	Guide	91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-1512	Std Only	Loc. Int. & Exh.; 1.799" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	91	VK-230	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-516KC	Std-50-75MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome	
1	Premium Set	91	E-619KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Standard Set	91	E-516X	Std-50-75-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	91	WE-516KC	Std-50MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Premium Chrome	
4	Standard Single Cylinder Set	91	WE-516X	Std-50-1.00MM	Use w/12738P piston; 2-1.50MM, 1-4.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	

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4 (cont.)		1991; 1.5L 89.6 (1468cc) SOHC L4 (8 Valve), 75.5mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code Q, Eng. Code G15B				4 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Main Set	91	6630M	Std.-25-.50MM			
1	Rod Set	91	4-4475RA	Std.-25-.50MM			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	91	260-1194	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	91	381-8095				
1	Brass Deep Cup Freeze Plug	91	381-9009	35mm Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
91-91	Use w/12738P piston; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			205-6325	205-1325	Re-ring	
91-91	Use w/12738P piston; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			205-6325M	205-1325M	Re-ring w/Mains	
5		1994 - 1993; 1.8L 107.1 (1755cc) SOHC L4 (8 Valve), 80.6mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code B, Eng. Code 4G37				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	94-93	222-158				
1	Bal. Shaft Belt	94-93	222-159				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	93	HT-6000	Std Only Hyd. lash adj.			
8	Lifter, Bulk	93	HT-6000B	Std Only Hyd. lash adj.; Carton of 128			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
4	Exhaust	94-93	V-2658	Std Only Chrome plated stem; 1.339" Head Dia., 0.3125" Stem Dia., 3.763" O.A.L.			
4	Intake	94-93	V-2659	Std Only Chrome plated stem; 1.654" Head Dia., 0.3137" Stem Dia., 3.866" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
4	Guide	94-93	VG-1315	Std-2 Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L			
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
8	Valve Stem Seal	94-93	ST-2083	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	94-93	VK-232	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Standard Set	94-93	E-541X	Std Only 2-1.50MM, 1-4.00MM; Iron			
4	Premium Single Cylinder Set	94-93	WE-541KC	Std Only 2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	94-93	5103M	Std.-25-.50-.75MM			
1	Rod Set	94-93	4-3485CP	Std.-25-.50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Screen Assy.	94-93	224-14281				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	94-93	260-1703	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
94-93	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			205-6375	205-1375	Re-ring	
94-93	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			205-6375M	205-1375M	Re-ring w/Mains	
6		1992 - 1991; 1.8L 107.1 (1755cc) SOHC L4 (8 Valve), 80.6mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code T, Eng. Code 4G37				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	92-91	222-158				
1	Bal. Shaft Belt	92-91	222-159				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	92-91	HT-6000	Std Only Hyd. lash adj.			
8	Lifter, Bulk	92-91	HT-6000B	Std Only Hyd. lash adj.; Carton of 128			

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6 (cont.)		1992 - 1991; 1.8L 107.1 (1755cc) SOHC L4 (8 Valve), 80.6mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code T, Eng. Code 4G37				6 (cont.)	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92-91	V-2658	Std Only	Chrome plated stem; 1.339" Head Dia., 0.3125" Stem Dia., 3.763" O.A.L.		
4	Intake	92-91	V-2659	Std Only	Chrome plated stem; 1.654" Head Dia., 0.3137" Stem Dia., 3.866" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	92-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	92-91	ST-2083	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	92-91	VK-232	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Standard Set	92-91	E-541X	Std Only	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	92-91	WE-541KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	5103M	Std-.25-.75MM			
1	Rod Set	92-91	4-3485CP	Std-.25-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Screen Assy.	92-91	224-14281				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1703		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6375	205-1375
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6375M	205-1375M
7		1996 - 1992; 1.8L 111.8 (1834cc) SOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code C, Eng. Code 4G93				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-92	222-B201				
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
4	Arm	96-92	R-1134	Std Only	Loc. Int. Front		
4	Arm	96-92	R-1136	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-92	V-4657	Std Only	Chrome plated stem; 1.063" Head Dia., 0.2362" Stem Dia., 4.4685" O.A.L.		
8	Intake	94-92	V-4658	Std Only	Chrome plated stem; 1.1811" Head Dia., 0.2362" Stem Dia., 4.3307" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	94-92	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L		
8	Guide	94-92	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	93-92	245-1187-51	Std Only	Loc. Exh.; 1.1945" OD, 0.905" ID, 0.257" Depth		
4	Seat	93-92	245-1250-55	Std Only	Loc. Int.; 1.100" ID top taper; 1.257" OD, 1.005" ID, 0.255" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96-92	E-960KC	Std-.50-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-92	7356M .25MM	.25MM			
1	Thrust Washer Set	96-92	4741F	Std Only			
1	Rod Set	96-92	4-4740A	Std-.25MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-92	224-43594				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-95	260-1821		Head bolts not incl.; California Wagon exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96-95	260-1821		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-92	260-1821		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-92	381-8099				
1	Brass Deep Cup Freeze Plug	96-92	381-9009		35mm Diameter		

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7 (cont.)		1996 - 1992; 1.8L 111.8 (1834cc) SOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code C, Eng. Code 4G93					7 (cont.)	
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
96-95	Head bolts not incl.; Calif. FWD Wagon exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring				205-6881	----	
94-92	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring				205-6881	----	
96-95	Head bolts not incl.; Calif. FWD Wagon exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6881M	----	
94-92	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6881M	----	
8		1992; 1.8L 111.8 (1834cc) SOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code D, Eng. Code 4G93					8	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	92	222-B201					
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
4	Arm	92	R-1134	Std Only	Loc. Int. Front			
4	Arm	92	R-1136	Std Only	Loc. Exh.			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	92	V-4657	Std Only	Chrome plated stem; 1.063" Head Dia., 0.2362" Stem Dia., 4.4685" O.A.L.			
8	Intake	92	V-4658	Std Only	Chrome plated stem; 1.1811" Head Dia., 0.2362" Stem Dia., 4.3307" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
8	Guide	92	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.			
8	Guide	92	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L.			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
4	Seat	92	245-1187-51	Std Only	Loc. Exh.; 1.1945" OD, 0.905" ID, 0.257" Depth			
4	Seat	92	245-1250-55	Std Only	Loc. Int.; 1.100" ID top taper; 1.257" OD, 1.005" ID, 0.255" Depth			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	92	E-960KC	Std-50-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	92	7356M .25MM	.25MM				
1	Thrust Washer Set	92	4741F	Std Only				
1	Rod Set	92	4-4740A	Std-.25MM				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	92	224-43594					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	92	260-1821		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	92	381-8099					
1	Brass Deep Cup Freeze Plug	92	381-9009		35mm Diameter			
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
92-92	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring				205-6881	----	
92-92	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6881M	----	
9		1999 - 1995; 2.0L 122 (1996cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code B					9	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	99-95	222-B246					
1	Timing Belt & Tensioner Set	99-95	BTS-246					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
16	Lifter	99-95	HT-2278	Std Only	Hyd. lash adj.			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
16	Arm	99-95	R-1098	Std Only				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	99-95	V-4484	Std Only	1 groove; Chrome plated stem; 1.201" Head Dia., 0.2328" Stem Dia., 4.324" O.A.L.			

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

9 (cont.)	1999 - 1995; 2.0L 122 (1996cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code B				9 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
8	Intake	99-95	V-4485	Std Only	1 groove; Chrome plated stem; 1.37" Head Dia., 0.234" Stem Dia., 4.399" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	99-95	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-95	E-901K	Std-50-.75-1.00MM	2-1.20MM, 1-3.00MM; Premium Moly
4	Premium Single Cylinder Set	99-95	WE-901K .50MM	.50MM	2-1.20MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99-95	7328M	Std-.25-.50MM	O.E. Nos. 4856733 plain, 4856734 flanged
4	Rod Pair	99-95	4615P	Std-.25-.50-.75MM	
4	Rod Pair	99-95	4615P 25X2	25X2	Use in .002" O/S Rod Bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	99-95	224-43568		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	99-95	260-3028		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	99-95	260-2559	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
10	1999 - 1995; 2.0L 122 (1996cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y, Eng. Code A588				10
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	99-95	222-B246		
1	Timing Belt & Tensioner Set	99-95	BTS-246		
1	Belt Idler	99-95	222-356BT		Loc. Lower
1	Belt Idler	99-95	222-356BT		Loc. Upper
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	99-95	HT-2278	Std Only	Hyd. lash adj.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm	99-95	R-1098	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	99-95	V-4484	Std Only	1 groove; Chrome plated stem; 1.201" Head Dia., 0.2328" Stem Dia., 4.324" O.A.L.
8	Intake	99-95	V-4485	Std Only	1 groove; Chrome plated stem; 1.37" Head Dia., 0.234" Stem Dia., 4.399" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	99-95	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	99-95	H853CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .035 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.
4	Cast Piston - Individual	99-95	WH853CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .035 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-95	E-901K	Std-50-.75-1.00MM	2-1.20MM, 1-3.00MM; Premium Moly
4	Premium Single Cylinder Set	99-95	WE-901K .50MM	.50MM	2-1.20MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99-95	7328M	Std-.25-.50MM	O.E. Nos. 4856733 plain, 4856734 flanged
4	Rod Pair	99-95	4615P	Std-.25-.50-.75MM	
4	Rod Pair	99-95	4615P 25X2	25X2	Use in .002" O/S Rod Bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	99-95	224-43568		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	99-95	260-3028		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	99-95	260-2559	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

11		2004 - 2002; 2.0L 122 (1996cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline;				11
Naturally Aspirated Chrysler Eng.; VIN Code Y						
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	04-02	H1122CP	Std-.50MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Flat Head w/2 valve reliefs, 21.008mm Pin Dia.	
1	GASKETS Kit Gasket Set	04-02	260-3029		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	04-02	260-2559	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
12		2005 - 1995; 2.0L 122 (1996cc) SOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline;				12
Naturally Aspirated Chrysler Eng.; VIN Code C						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	05-95	222-B245			
1	Timing Belt & Tensioner Set	04-95	BTS-245			
1	Belt Idler	99-95	222-356BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	05-96	CS-1591		Hydraulic.; New Part Number - Check for Availability	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
8	Arm	05-95	R-1142	Std Only	Loc. Int.	
4	Arm	05-95	R-1143	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-01	V-4700	Std Only	3 groove; Chrome plated stem; 1.13" Head Dia., 0.2329" Stem Dia., 4.614" O.A.L.	
8	Exhaust	01-95	V-4486	Std-15	1 groove; Chrome plated stem; 1.13" Head Dia., 0.2328" Stem Dia., 4.614" O.A.L.	
8	Exhaust, Bulk	01-95	V-4486B 15	15	1 groove; Chrome plated stem; Carton of 25; 1.13" Head Dia., 0.2478" Stem Dia., 4.614" O.A.L.	
8	Intake	05-01	V-4699	Std Only	3 groove; Chrome plated stem; 1.309" Head Dia., 0.234" Stem Dia., 4.513" O.A.L.	
8	Intake	01-95	V-4487	Std-15	1 groove; Chrome plated stem; 1.309" Head Dia., 0.234" Stem Dia., 4.525" O.A.L.	
8	Intake, Bulk	01-95	V-4487B 15	15	1 groove; Chrome plated stem; Carton of 25; 1.309" Head Dia., 0.249" Stem Dia., 4.525" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	05-95	VG-1386T	Std Only	Loc. Int. & Exh.; Threaded; 0.235" ID, 1.835" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
1	Keeper	05	VK-296	Std Only	3 Groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	04-95	H852CP	Std-.50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.	
4	Cast Piston - Individual	02-95	WH852CP	Std-.50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-95	E-901K	Std-.50-.75-1.00MM	2-1.20MM, 1-3.00MM; Premium Moly	
4	Premium Single Cylinder Set	04-95	WE-901K .50MM	.50MM	2-1.20MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	03-95	7328M	Std-.25-.50MM	O.E. Nos. 4856733 plain, 4856734 flanged	
4	Rod Pair	03-95	4615P	Std-.25-.50-.75MM		
4	Rod Pair	03-95	4615P 25X2	25X2	Use in .002" O/S Rod Bore	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-95	224-43568			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	05-00	260-3038		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	99-96	260-3037		Plastic Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-3036		Plastic Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	05-95	260-2545	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

13		2005 - 2001; 2.0L 122 (1996cc) SOHC L4 (16 Valve), 87.5mm Bore H.O.; MFI; Gasoline;					13
Naturally Aspirated Chrysler Eng.; VIN Code F							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	05-01	222-B245				
1	Timing Belt & Tensioner Set	04-01	BTS-245				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-01	V-4700	Std Only	3 groove; Chrome plated stem; 1.13" Head Dia., 0.2329" Stem Dia., 4.614" O.A.L.		
8	Exhaust	01	V-4486	Std-15	1 groove; Chrome plated stem; 1.13" Head Dia., 0.2328" Stem Dia., 4.614" O.A.L.		
8	Exhaust, Bulk	01	V-4486B 15	15	1 groove; Chrome plated stem; Carton of 25; 1.13" Head Dia., 0.2478" Stem Dia., 4.614" O.A.L.		
8	Intake	05-01	V-4699	Std Only	3 groove; Chrome plated stem; 1.309" Head Dia., 0.234" Stem Dia., 4.513" O.A.L.		
8	Intake	01	V-4487	Std-15	1 groove; Chrome plated stem; 1.309" Head Dia., 0.234" Stem Dia., 4.525" O.A.L.		
8	Intake, Bulk	01	V-4487B 15	15	1 groove; Chrome plated stem; Carton of 25; 1.309" Head Dia., 0.249" Stem Dia., 4.525" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	05-01	VG-1386T	Std Only	Loc. Int. & Exh.; Threaded; 0.235" ID, 1.835" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	04-03	WH852CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-01	E-901K	Std-50-.75-1.00MM	2-1.20MM, 1-3.00MM; Premium Moly		
4	Premium Single Cylinder Set	04-01	WE-901K .50MM	.50MM	2-1.20MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-01	7328M	Std-.25-.50MM	O.E. Nos. 4856733 plain, 4856734 flanged		
4	Rod Pair	03-01	4615P	Std-.25-.50-.75MM			
4	Rod Pair	03-01	4615P 25X2	25X2	Use in .002" O/S Rod Bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	05-01	224-43568				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	05-01	260-2545	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
14		1994 - 1993; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline;					14
Naturally Aspirated Mitsubishi Eng.; VIN Code E, Eng. Code 4G63							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-93	222-B167				
1	Timing Belt Tensioner	94	222-327BT				
1	Timing Belt Tensioner	93	222-327BT				
1	Timing Belt & Tensioner Set	94-93	BTS-167				
1	Bal. Shaft Belt	94-93	222-B168		65 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	94-93	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-93	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N		
8	Exhaust	94-93	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability		
8	Intake	94-93	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N		
8	Intake	94-93	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	94-93	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L		
8	Guide	94-93	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	94-93	VS-1535	Std Only	1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	94-93	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	94-93	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	94-93	VK-230	Std Only			

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

14 (cont.)		1994 - 1993; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code E, Eng. Code 4G63				14 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	94-93	W13510P	Std.-50MM	Cast; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.30mm deep x 72.00mm dia. w/4 valve reliefs, 22mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-93	E-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	94-93	WE-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-93	7348M	Std.-25MM			
1	Rod Set	94-93	4-4700A	Std.-25-50MM			
1	Bal. Shaft Set	94-93	1810M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-93	224-43602				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-93	260-1705		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
94-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6853M	----
94-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6853	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
94-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings		BK-6250	----
15		1998 - 1993; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code F, Eng. Code 4G63-T				15	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	98-93	222-B167				
1	Timing Belt Tensioner	98-93	222-327BT				
1	Timing Belt & Tensioner Set	94-93	BTS-167				
1	Bal. Shaft Belt	98-96	222-B168		Interference Eng.; 65 Teeth		
1	Bal. Shaft Belt	95-93	222-B168		65 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	96-93	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	98-93	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N		
8	Exhaust	98-93	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability		
8	Intake	98-93	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N		
8	Intake	98-93	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	98-93	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L.		
8	Guide	98-93	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	94-93	VS-1535	Std Only	1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	98-93	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	98-93	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	98-93	VK-230	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-93	E-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	94-93	WE-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98	7415M	Std.-25MM			

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15 (cont.)	1998 - 1993; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code F, Eng. Code 4G63-T				15 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-93	7348M	Std.-25MM		
1	Rod Set	98-93	4-4700A	Std.-25-.50MM		
1	Bal. Shaft Set	98-93	1810M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-93	260-1705		Turbo mtg. gskts. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	98-95	260-2560	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
KITS						
RE-RING KIT		YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
94-93	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6853	----
94-93	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6853M	----
16	1993 - 1991; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code R, Eng. Code 4G63				16	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-91	222-B167			
1	Timing Belt Tensioner	93-91	222-327BT			
1	Timing Belt & Tensioner Set	93-91	BTS-167			
1	Bal. Shaft Belt	93-91	222-B168		65 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	93-91	HT-2274	Std Only	Hyd. lash adj.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	93-91	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N	
8	Exhaust	93-91	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability	
8	Intake	93-91	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	
8	Intake	93-91	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	93-91	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L	
8	Guide	93-91	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	93-91	VS-1535	Std Only	1.8" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	93-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	93-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth	
8	Seat	92	245-1437-68	Std Only	Loc. Int.; To 4/2/92; 1.4445" OD, 1.135" ID, 0.3165" Depth	
8	Seat	91	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	93-91	VK-230	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	92	13507P	Std Only	To 4/2/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.	
4	Cast Piston	91	13507P	Std Only	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.	
4	Cast Piston - Individual	93	W13510P	Std.-50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.30mm deep x 72.00mm dia. w/4 valve reliefs, 22mm Pin Dia.	
4	Cast Piston - Individual	92	W13507P	Std Only	To 4/2/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

16 (cont.)		1993 - 1991; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code R, Eng. Code 4G63				16 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	92	W13510P	Std-50MM	From 4/3/92; Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.30mm deep x 72.00mm dia. w/4 valve reliefs, 22mm Pin Dia.		
4	Cast Piston - Individual	91	W13507P	Std Only	Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93	E-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	92	E-522KC	Std-1.00MM	To 4/2/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	92	E-647KC	Std Only	From 4/3/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	91	E-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	93	WE-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	92	WE-522KC	Std-1.00MM	To 4/2/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	92	WE-647KC	Std Only	From 4/3/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	91	WE-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93	7348M	Std-25MM			
1	Main Set	92	5103M	Std-25-50-75MM	To 3/31/92		
1	Main Set	92	7348M	Std-25MM	From 4/1/92		
1	Main Set	91	5103M	Std-25-50-75MM			
1	Rod Set	93	4-4700A	Std-25-50MM			
1	Rod Set	92	4-3485CP	Std-25-50-75MM	To 3/31/92		
1	Rod Set	92	4-4700A	Std-25-50MM	From 4/1/92		
1	Rod Set	91	4-3485CP	Std-25-50-75MM			
1	Bal. Shaft Set	93-91	1810M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-43602				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93	260-1705		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92-91	260-1704		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6853	----	
92-92	To 3/31/92; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6328	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6328	----	
93-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6853M	----	
92-92	To 3/31/92; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6328M	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6328M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6250	----	
92-92	To 3/31/92; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. 13507P piston		Block Kit w/Premium Rings		BK-6296	----	
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. 13510P piston		Block Kit w/Premium Rings		BK-6298	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. 13507P piston		Block Kit w/Premium Rings		BK-6296	----	
17		1992 - 1991; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code U, Eng. Code 4G63-T				17	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-B167				
1	Timing Belt Tensioner	92-91	222-327BT				
1	Timing Belt & Tensioner Set	92-91	BTS-167				
1	Bal. Shaft Belt	92-91	222-B168		65 Teeth		

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17 (cont.)	1992 - 1991; 2.0L 122 (1997cc) DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code U, Eng. Code 4G63-T					17 (cont.)
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	92-91	HT-2274	Std Only	Hyd. lash adj.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	92-91	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N	
8	Exhaust	92-91	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability	
8	Intake	92-91	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	
8	Intake	92-91	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	92-91	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L	
8	Guide	92-91	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	92-91	VS-1535	Std Only	1.8" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	92-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	92	245-1437-68	Std Only	Loc. Int.; To 4/2/92; 1.4445" OD, 1.135" ID, 0.3165" Depth	
8	Seat	92-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth	
8	Seat	91	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	92-91	VK-230	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92	E-522KC	Std-1.00MM	To 4/2/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92	E-647KC	Std Only	From 4/3/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	91	E-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	92	WE-522KC	Std-1.00MM	To 4/2/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	92	WE-647KC	Std Only	From 4/3/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	91	WE-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	92	5103M	Std-25-50-75MM	To 3/31/92	
1	Main Set	92	7348M	Std-25MM	From 4/1/92	
1	Main Set	91	5103M	Std-25-50-75MM		
1	Rod Set	92	4-3485CP	Std-25-50-75MM	To 3/31/92	
1	Rod Set	92	4-4700A	Std-25-50MM	From 4/1/92	
1	Rod Set	91	4-3485CP	Std-25-50-75MM		
1	Bal. Shaft Set	92-91	1810M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1704		Turbo mtg. gskts. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
92-92	To 3/31/92; Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6328	----
91-91	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6328	----
92-92	To 3/31/92; Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6328M	----
91-91	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6328M	----
18	1993; 2.0L 122 (1997cc) SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code D, Eng. Code 4G63					18
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93	5103M	Std-25-50-75MM		
1	Rod Set	93	4-3485CP	Std-25-50-75MM		
1	Bal. Shaft Set	93	1810M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93	260-1808		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	

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19	1993; 2.0L 122 (1997cc) SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code V, Eng. Code 4G63	19
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BLOCK

QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	93	5103M	Std.-25-50-.75MM
1	Rod Set	93	4-3485CP	Std.-25-50-.75MM
1	Bal. Shaft Set	93	1810M	Std Only

QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Kit Gasket Set	93	260-1808	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.

20	1992 - 1991; 2.0L 122 (1997cc) SOHC L4 (8 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code V, Eng. Code 4G63	20
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VALVETRAIN

QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Timing Belt	91	222-158	
1	Timing Belt Tensioner	91	222-105BT	
1	Bal. Shaft Belt	91	222-159	
1	Bal. Shaft Belt Tensioner	91	222-161BT	

QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
8	Lifter	91	HT-6000	Std Only Hyd. lash adj.
8	Lifter, Bulk	91	HT-6000B	Std Only Hyd. lash adj.; Carton of 128

QTY	VALVE	YEARS	PART NO.	DESCRIPTION
4	Exhaust	91	V-3933	Std Only Nitrided stem; 1.378" Head Dia., 0.3126" Stem Dia., 4.278" O.A.L.
4	Intake	91	V-2331	Std Only Chrome plated stem; 1.693" Head Dia., 0.3137" Stem Dia., 4.323" O.A.L.

QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
4	Guide	91	VG-714	Std Only Loc. Exh.; 0.316" ID, 2.05" O.A.L.
4	Guide	91	VG-715	Std Only Loc. Int.; 0.3155" ID, 1.85" O.A.L.

QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION
8	Spring	91	VS-1461	Std Only Loc. Int. & Exh.; 1.96" Free Height
8	Spring, Bulk	91	VS-1461B	Std Only Loc. Int. & Exh.; Carton of 250; 1.96" Free Height

QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
4	Valve Stem Seal	91	ST-2037	Std Only Loc. Int.; Positive type, Metal Clad; (RBB) Rubber
4	Valve Stem Seal	91	ST-2083	Std Only Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber

QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
4	Seat	91	245-1500-62	Std Only Loc. Exh.; 1.304" ID top taper; 1.507" OD, 1.22" ID, 0.31" Depth
4	Seat	91	245-1750-61	Std Only Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth

QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
16	Keeper	91	VK-232	Std Only

BLOCK

QTY	RINGS	YEARS	PART NO.	DESCRIPTION
1	Standard Set	91	E-455X	Std.-75-1.00-1.50MM 2-1.50MM, 1-4.00MM; Iron
4	Premium Single Cylinder Set	91	WE-455KC	Std.-50-.75-1.00MM 2-1.50MM, 1-4.00MM; Premium Chrome
4	Standard Single Cylinder Set	91	WE-455X	Std.-50-.75-1.00MM 2-1.50MM, 1-4.00MM; Iron

QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	92-91	5103M	Std.-25-50-.75MM
1	Rod Set	92-91	4-3485CP	Std.-25-50-.75MM
1	Bal. Shaft Set	92-91	1810M	Std Only

QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Kit Gasket Set	92-91	260-1199	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.

KITS

RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring		205-875	205-375
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-875M	205-375M

21	1991; 2.0L 122 (1997cc) SOHC L4 (8 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code V, Eng. Code G63B	21
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VALVETRAIN

QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Timing Belt	91	222-158	
1	Timing Belt Tensioner	91	222-105BT	
1	Bal. Shaft Belt	91	222-159	
1	Bal. Shaft Belt Tensioner	91	222-161BT	

QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
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Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

21 (cont.)	1991; 2.0L 122 (1997cc) SOHC L4 (8 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code V, Eng. Code G63B					21 (cont.)
VALVETRAIN						
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Lifter	91	HT-6000	Std Only	Hyd. lash adj.	
8	Lifter, Bulk	91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	91	V-3933	Std Only	Nitrided stem; 1.378" Head Dia., 0.3126" Stem Dia., 4.278" O.A.L.	
4	Intake	91	V-2331	Std Only	Chrome plated stem; 1.693" Head Dia., 0.3137" Stem Dia., 4.323" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	91	VG-714	Std Only	Loc. Exh.; 0.316" ID, 2.05" O.A.L.	
4	Guide	91	VG-715	Std Only	Loc. Int.; 0.3155" ID, 1.85" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height	
8	Spring, Bulk	91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
4	Valve Stem Seal	91	ST-2037	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber	
4	Valve Stem Seal	91	ST-2083	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1500-62	Std Only	Loc. Exh.; 1.304" ID top taper; 1.507" OD, 1.22" ID, 0.31" Depth	
4	Seat	91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	91	VK-232	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Standard Set	91	E-455X	Std.-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	91	WE-455KC	Std.-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
4	Standard Single Cylinder Set	91	WE-455X	Std.-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	5103M	Std.-25-50-75MM		
1	Rod Set	91	4-3485CP	Std.-25-50-75MM		
1	Bal. Shaft Set	91	1810M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1199		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-875	205-375
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-875M	205-375M
22 1993 - 1991; 2.2L 135 (2212cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Turbo - Intercooled Chrysler Eng.; VIN Code A 22						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Bal. Shaft Chain	93-91	222-2SR60		60 Links	
1	Timing Belt	93-91	222-153			
1	Bal. Shaft Belt Tensioner	93-91	222-1298BT			
1	Bal. Shaft Sprocket	93-91	223-642		18 Teeth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-640K	Std.-50-75MM	2-1.50MM, 1-3.00MM; Use w/H892CP & H893CP pistons; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	6678MA	Std.-25-50-75MM	A-Series aluminum bearings	
1	Rod Set	93-91	4-3800CPA	Std.-25-50-75MM		
4	Rod Pair	93-91	3800CPA	Std.-25-50-75MM		
1	Aux. Shaft Set	93-91	1487M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-91	224-4168			
1	Screen Assy.	93-91	224-1568			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-91	381-8050			
1	Brass Deep Cup Freeze Plug	93-91	381-9001		1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	93-91	381-2169		0.625" Diameter	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

23		1994 - 1991; 2.2L 135 (2212cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline;			23	
Naturally Aspirated Chrysler Eng.; VIN Code D						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Bal. Shaft Chain	94-91	222-2SR60		60 Links	
1	Bal. Shaft Chain Guide	94-91	222-297GP			
1	Timing Belt	94-91	222-153			
1	Timing Belt Tensioner	94-91	222-192BT			
1	Timing Belt & Tensioner Set	94-91	BTS-153			
1	Bal. Shaft Belt Tensioner	94-91	222-1298BT			
1	Bal. Shaft Sprocket	94-91	223-642		18 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	94-91	CS-785		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 194 Int., 113 Degrees Lobe Separation	
1	Camshaft	94-91	CS-922		w/.020" O/S journals; Hydraulic, (050) Duration at .050 Lobe Lift, 190 Exh., 194 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
8	Lifter	94-91	HT-2105	Std Only	Hyd. lash adj.	
8	Lifter, Bulk	94-91	HT-2105B	Std Only	Hyd. lash adj.; Carton of 247	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	94-91	KC-785		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr. Kit	94-91	KC-785A		(1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr. Kit	94-91	KC-785C		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
1	Cam/Lifter/Timing Kit	94-91	KCT-785		Hyd.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr./Timing Kit	94-91	KCT-785A		(1) 222-153; (1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr./Timing Kit	94-91	KCT-785C		Hyd. lash adj.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
8	Arm	94-91	R-951	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	94-91	V-2427	Std-15	4 groove; Chrome plated stem; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.	
4	Exhaust, Bulk	94-91	V-2427B	Std Only	4 groove; Chrome plated stem; Carton of 25; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.	
4	Intake	94-91	V-2428	Std Only	Chrome plated stem; 1.598" Head Dia., 0.3127" Stem Dia., 4.498" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	94-91	VG-700	Std Only	Loc. Exh.; .008" O/S OD; 0.3145" ID, 1.693" O.A.L	
4	Guide	94-91	VG-701	Std Only	Loc. Int.; .008" O/S OD; 0.3145" ID, 1.575" O.A.L	
4	Guide	94-91	VG-869	Std Only	Loc. Int.; 0.3145" ID, 1.575" O.A.L	
4	Guide	94-91	VG-870	Std Only	Loc. Exh.; 0.3145" ID, 1.693" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	94-91	VS-1457	Std Only	Loc. Int. & Exh.; 2.225" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	94-91	ST-2015	Std Only	Positive type; (VTN) Viton®	
8	Valve Stem Seal	94-91	MV-1919	Std Only	Umbrella type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	94-91	245-1500-63	Std Only	Loc. Exh.; 1.507" OD, 1.21" ID, 0.345" Depth	
4	Seat	94-91	245-1687-51	Std Only	Loc. Int.; 1.6945" OD, 1.39" ID, 0.305" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	94-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove	
8	Keeper	94-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened	
8	Keeper	94-91	VK-225	Std Only	Loc. Exh.; 4 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	94-91	527P	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.572 CD, Flat Head w/1 valve trough, 0.9008" Pin Dia.	
4	Cast Piston - Individual	94-91	W527P	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.572 CD, Flat Head w/1 valve trough, 0.9008" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-91	E-454K	Std-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Standard Set	94-91	E-454X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	94-91	WE-454K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	94-91	6678MA	Std-25-50-75MM	A-Series aluminum bearings	
1	Rod Set	94-91	4-3800CPA	Std-25-50-75MM		
4	Rod Pair	94-91	3800CPA	Std-25-50-75MM		
1	Cam Set	94-91	1840M	Std Only		
1	Aux. Shaft Set	94-91	1487M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	94-91	224-4168			

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

23 (cont.)	1994 - 1991; 2.2L 135 (2212cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code D				23 (cont.)
BLOCK					
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	94	260-1427	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1616	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93-91	260-1427	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93-91	260-1616	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	94-91	260-2501	Std Only	11mm Head Bolts; Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	94-91	381-8050		
1	Brass Deep Cup Freeze Plug	94-91	381-9001	1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	94-91	381-2169	0.625" Diameter	
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6097	205-1097
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6097M	205-1097M
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6205	205-1205
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6205M	205-1205M
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6097	205-1097
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6097M	205-1097M
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6205	205-1205
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6205M	205-1205M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6217A	505-1217A
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-7058	505-2058
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6217A	505-1217A
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-7058	505-2058
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-6205C	----
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-6361	----
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-series aluminum bearings	Master		MKP-7057	----

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

23 (cont.)	1994 - 1991; 2.2L 135 (2212cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code D	23 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master MKP-6205C	----
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master MKP-6361	----
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-series aluminum bearings	Master MKP-7057	----
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205A	----
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205B	----
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7057	----
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205A	----
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205B	----
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7057	----
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Freeze plugs not incl.	Master w/o Rods & Mains 505-6205C	----
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7057	----
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Freeze plugs not incl.	Master w/o Rods & Mains 505-6205C	----
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7057	----
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6200	----
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6201	----
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6200	----
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6201	----
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6200	----
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6201	----
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6200	----
93-91	w/Multi-piece valve cover gskt.; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6201	----

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

23 (cont.)	1994 - 1991; 2.2L 135 (2212cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code D				23 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		----	MKP-1217A
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-7058	MKP-2058
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		----	MKP-1217A
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-7058	MKP-2058
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		----	MK-1205A
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		----	MK-1205A
93-91	w/Multi-piece valve cover gskt.; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
24 2005 - 1993; 2.4L 143.4 (2351cc) SOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; 24 Naturally Aspirated Mitsubishi Eng.; VIN Code G, Eng. Code 4G64					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	96-93	222-B230		
1	Timing Belt Tensioner	94-93	222-105BT		
1	Bal. Shaft Belt	05	222-B168		65 Teeth
1	Bal. Shaft Belt	03-02	222-B168		65 Teeth
1	Bal. Shaft Belt	01	222-B168		65 Teeth
1	Bal. Shaft Belt	96-93	222-B168		65 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	96-93	HT-6000	Std Only	Hyd. lash adj.
16	Lifter, Bulk	96-93	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
1	Rocker Shaft	96-93	RS-745	Std Only	Loc. Int.
1	Rocker Shaft	96-93	RS-746	Std Only	Loc. Exh.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	05-01	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.
8	Exhaust	96-93	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.
8	Intake	05-01	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.
8	Intake	96-93	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	02-01	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.
8	Guide	02-01	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L.
8	Guide	96-93	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.
8	Guide	96-93	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
1	Spring	93	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height
1	Spring, Bulk	93	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	01	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth
8	Seat	01	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

24 (cont.)		2005 - 1993; 2.4L 143.4 (2351cc) SOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code G, Eng. Code 4G64				24 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	96-93	4K13590P	Std Only	Cast; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.360 CD, Recessed Head .160 deep w/2 valve reliefs, 22.009mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05	E-949KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	01	E-949KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	96-93	E-949KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-01	7415M	Std-.25MM			
1	Main Set	96-93	7348M	Std-.25MM			
1	Thrust Washer Set	03-01	4709F	Std Only			
1	Rod Set	96-93	4-4700A	Std-.25-.50MM			
1	Cam Set	96-93	1858M	Std Only			
1	Bal. Shaft Set	96-93	1810M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	96-93	224-43596				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	05-01	260-3041		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96-95	260-1808		Head bolts not incl.; California FWD exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1808		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	05-01	260-2560	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-93	381-8099				
1	Brass Deep Cup Freeze Plug	96-93	381-9009		35mm Diameter		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-95	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6808	----	
94-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6808	----	
96-95	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6808M	----	
94-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6808M	----	
25		1992; 2.4L 143.4 (2351cc) SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code W, Eng. Code 4G64				25	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92	222-B204				
1	Timing Belt Tensioner	92	222-333BT				
1	Bal. Shaft Belt	92	222-159				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	92	HT-6000	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	92	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92	V-2660	Std Only	Chrome plated stem; 1.496" Head Dia., 0.3126" Stem Dia., 4.141" O.A.L.		
4	Intake	92	V-2661	Std Only	Chrome plated stem; 1.811" Head Dia., 0.314" Stem Dia., 4.1909" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	92	VG-714	Std Only	Loc. Exh.; 0.316" ID, 2.05" O.A.L.		
4	Guide	92	VG-715	Std Only	Loc. Int.; 0.3155" ID, 1.85" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
4	Valve Stem Seal	92	ST-2037	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber		
4	Valve Stem Seal	92	ST-2083	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	92	245-1875-51	Std Only	Loc. Int.; 1.882" OD, 1.575" ID, 0.317" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	92	12958P	Std Only	Cast; 2 - , 1.50mm Groove, 1 - 4.00mm Groove, 35.5mm CD, Flat Head w/3 valve reliefs, 21mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

25 (cont.)	1992; 2.4L 143.4 (2351cc) SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code W, Eng. Code 4G64					25 (cont.)
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92	E-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	92	E-524X	Std Only	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	92	WE-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome	
ENGINE BEARINGS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Main Set	92	5103M	Std.-25-.75MM		
1	Rod Set	92	4-3485CP	Std.-25-.75MM		
1	Cam Set	92	1858M	Std Only		
1	Bal. Shaft Set	92	1810M	Std Only		
OIL PUMP						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	92	224-43601			
GASKETS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92	260-1709		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
FREEZE PLUGS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92	381-8099			
1	Brass Deep Cup Freeze Plug	92	381-9009		35mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
92-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6335	205-1335
92-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6335M	205-1335M
26 2007 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Turbo - Intercooled Chrysler Eng.; VIN Code E 26						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	05-04	222-B265		146 Teeth	
BLOCK						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Head Bolt Set	07-04	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
27 2003; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Turbo - Intercooled Chrysler Eng.; VIN Code G 27						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	03	222-B265		146 Teeth	
1	Crank Sprocket	03	223-803		For Bal. Shaft Chain; 36 Teeth	
1	Bal. Shaft Sprocket	03	223-642		18 Teeth	
ROCKER PARTS						
QTY		YEARS	PART NO.		DESCRIPTION	
16	Arm	03	R-1098	Std Only		
VALVE GUIDE						
QTY		YEARS	PART NO.		DESCRIPTION	
16	Guide	03	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L	
VALVE SPRING						
QTY		YEARS	PART NO.		DESCRIPTION	
16	Spring	03	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height	
VALVE, MISC						
QTY		YEARS	PART NO.		DESCRIPTION	
32	Keeper	03	VK-296	Std Only	3 Groove	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	03	7313M	Std.-25-.50MM		
4	Rod Pair	03	4565A	Std.-25-.50MM	A-Series aluminum bearings	
4	Rod Pair	03	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
GASKETS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Head Bolt Set	03	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
28 2006 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code J 28						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	05-04	222-B265		146 Teeth	
1	Bal. Shaft Belt	04	222-B168		65 Teeth	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

28 (cont.)		2006 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code J				28 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Crank Sprocket	04	223-803		For Bal. Shaft Chain; 36 Teeth		
1	Bal. Shaft Sprocket	04	223-642		18 Teeth		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	05-04	R-1098	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-04	V-4725	Std Only	3 groove; Chrome plated stem; 1.1200" Head Dia., 0.2329" Stem Dia., 4.3240" O.A.L.; New Part Number - Check for Availability		
8	Intake	05-04	V-4606	Std Only	3 groove; Chrome plated stem; 1.37" Head Dia., 0.2337" Stem Dia., 4.4" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	05-04	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	05-04	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	05-04	VK-296	Std Only	3 Groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	04	H893CP	Std-50-.75MM	Use w/E-640K ring set; Hypereutectic; 1 - , 1.50mm Groove, 1 - 1.50mm Groove, 1 - 3.00 Groove, 1.225 CD, Domed Head .420 high, 0.9663" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-04	E-640K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Use w/H892CP & H893CP pistons; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04	7313M	Std-.25-.50MM			
4	Rod Pair	04	4565A	Std-.25-.50MM	A-Series aluminum bearings		
4	Rod Pair	04	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	06-04	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
29		2007 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Turbo - Intercooled Chrysler Eng.; VIN Code S				29	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	05-04	222-B265		146 Teeth		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	05-04	R-1098	Std Only			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	05-04	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	05-04	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	05-04	VK-296	Std Only	3 Groove		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	05-04	7313M	Std-.25-.50MM			
4	Rod Pair	05-04	4565A	Std-.25-.50MM	A-Series aluminum bearings		
4	Rod Pair	05-04	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	07-04	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	07-04	381-8204				
30		2008 - 1995; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X				30	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Bal. Shaft Chain	07-95	222-2SR60		60 Links		
1	Bal. Shaft Chain Guide	03-95	222-297GP				
1	Timing Belt	07-95	222-B265		146 Teeth		
1	Bal. Shaft Belt	05-00	222-B168		65 Teeth		
1	Bal. Shaft Belt Tensioner	03-95	222-1298BT				
1	Crank Sprocket	07-95	223-803		For Bal. Shaft Chain; 36 Teeth		
1	Bal. Shaft Sprocket	07-95	223-642		18 Teeth		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

30 (cont.)	2008 - 1995; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X				30 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	00-95	HT-2278	Std Only	Hyd. lash adj.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm	05-00	R-1098	Std Only	
16	Arm	99-98	R-1098	Std Only	
16	Arm	97-96	R-1098	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	06-00	V-4725	Std Only	3 groove; Chrome plated stem; 1.1200" Head Dia., 0.2329" Stem Dia., 4.3240" O.A.L.; New Part Number - Check for Availability
8	Exhaust	00-95	V-4484	Std Only	1 groove; Chrome plated stem; 1.201" Head Dia., 0.2328" Stem Dia., 4.324" O.A.L.
8	Intake	06-00	V-4606	Std Only	3 groove; Chrome plated stem; 1.37" Head Dia., 0.2337" Stem Dia., 4.4" O.A.L.
8	Intake	00-95	V-4485	Std Only	1 groove; Chrome plated stem; 1.37" Head Dia., 0.234" Stem Dia., 4.399" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	05-95	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	05-95	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	03-00	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth
8	Seat	03-00	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	06-03	VK-296	Std Only	3 Groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	05-01	H893CP	Std-50-.75MM	Use w/E-640K ring set; Hypereutectic; 1 - , 1.50mm Groove, 1 - 1.50mm Groove, 1 - 3.00 Groove, 1.225 CD, Domed Head .420 high, 0.9663" Pin Dia.
4	Cast Piston	00	H892CP	Std-50-.75MM	Hypereutectic; Use w/E640K ring set; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .220 high; DUROSHIELD® skirt coated piston, 0.9663" Pin Dia.
4	Cast Piston	99-98	H892CP	Std-50-.75MM	Hypereutectic; Use w/E640K ring set; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .220 high; DUROSHIELD® skirt coated piston, 0.9663" Pin Dia.
4	Cast Piston	97-95	H892CP	Std-50-.75MM	Hypereutectic; Use w/E640K ring set; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .220 high; DUROSHIELD® skirt coated piston, 0.9663" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
4	Premium Set	05-95	E-640K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Use w/H892CP & H893CP pistons; Premium Moly
1	Premium Set	01-98	E-903K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-95	7313M	Std-25-.50MM	
4	Rod Pair	05-95	4565A	Std-25-.50MM	A-Series aluminum bearings
4	Rod Pair	05-95	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	06-97	224-43631		
1	Oil Pump	96-95	224-43634		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	00-95	260-1892		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	07-95	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	08-95	381-8204		
31	2000 - 1995; 2.5L 152.2 (2497cc) SOHC V6 (24 Valve), 83.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G73				31
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	00-95	222-B259		187 Teeth
1	Timing Belt Tensioner	00-97	222-224BT		Loc. L.H.
1	Timing Belt & Tensioner Set	00-95	BTS-259		
1	Belt Idler	00-95	222-353BT		Loc. R.H.
1	Belt Idler	96-95	222-354BT		Loc. L.H.
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	00-95	HT-6000	Std Only	Hyd. lash adj.

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

31 (cont.) **2000 - 1995; 2.5L 152.2 (2497cc) SOHC V6 (24 Valve), 83.5mm Bore; MFI; Gasoline;** **31 (cont.)**
Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G73

VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
24	Lifter, Bulk	00-95	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	00-95	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.		
12	Intake	00-95	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	00-95	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.		
12	Guide	00-95	VG-1401T	Std Only	Loc. Exh.; Threaded; 0.236" ID, 1.99" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	00-95	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth		
12	Seat	00-95	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	97-95	H841CP	Std.-50-.75MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Domed Head .012 high w/4 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.		
6	Cast Piston - Individual	97-95	WH841CP	Std.-50-.75MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Domed Head .012 high w/4 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00-95	E-929KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
6	Premium Single Cylinder Set	00-95	WE-929KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-95	7090M	Std.-25-.75MM			
1	Thrust Washer Set	00-95	1736AF	Std Only			
1	Rod Set	00-95	6-1735CP	Std.-25-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-95	224-43599				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00-98	260-1843		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-95	260-1759		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	00-98	260-2516	Std Only	Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
00-98	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6855	----
98-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6854	----
00-98	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6855M	----
98-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6854M	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
97-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings		BK-6300	----

32 **2000 - 1995; 2.5L 152.2 (2497cc) SOHC V6 (24 Valve), 83.5mm Bore; MFI; Gasoline;** **32**
Naturally Aspirated Mitsubishi Eng.; VIN Code N, Eng. Code 6G73

VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	00-95	222-B259		187 Teeth	
1	Timing Belt Tensioner	00-97	222-224BT		Loc. L.H.	
1	Timing Belt Tensioner	95	222-224BT		Loc. L.H.	
1	Timing Belt & Tensioner Set	00-95	BTS-259			
1	Belt Idler	00-95	222-353BT		Loc. R.H.	
1	Belt Idler	96-95	222-354BT		Loc. L.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	00-95	HT-6000	Std Only	Hyd. lash adj.	
24	Lifter, Bulk	00-95	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

32 (cont.)	2000 - 1995; 2.5L 152.2 (2497cc) SOHC V6 (24 Valve), 83.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code N, Eng. Code 6G73					32 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	00-95	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.	
12	Intake	00-95	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	00-95	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L	
12	Guide	00-95	VG-1401T	Std Only	Loc. Exh.; Threaded; 0.236" ID, 1.99" O.A.L	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	00-95	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth	
12	Seat	00-95	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	97-95	H841CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Domed Head .012 high w/4 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.	
6	Cast Piston - Individual	97-95	WH841CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Domed Head .012 high w/4 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00-95	E-929KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	00-95	WE-929KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	00-95	7090M	Std.-25-.50-.75MM		
1	Thrust Washer Set	00-95	1736AF	Std Only		
1	Rod Set	00-95	6-1735CP	Std.-25-.50-.75MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-95	224-43599			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-98	260-1843		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97-95	260-1759		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	00-98	260-2516	Std Only	Replacement recommended	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
00-98	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6855	----
98-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6854	----
00-98	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6855M	----
98-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6854M	----
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
97-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6300	----
33	1992 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Gasoline; Turbo Chrysler Eng.; VIN Code J					33
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Bal. Shaft Chain	92-91	222-2SR60		60 Links	
1	Bal. Shaft Chain Guide	91	222-297GP			
1	Timing Belt	92-91	222-153			
1	Timing Belt Tensioner	92-91	222-192BT			
1	Timing Belt & Tensioner Set	92-91	BTS-153			
1	Bal. Shaft Belt Tensioner	91	222-1298BT			
1	Bal. Shaft Sprocket	92-91	223-642		18 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	92-91	CS-785		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 194 Int., 113 Degrees Lobe Separation	
1	Camshaft	92-91	CS-922		w/.020" O/S journals; Hydraulic, (050) Duration at .050 Lobe Lift, 190 Exh., 194 Int.	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

33 (cont.)		1992 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Gasoline; Turbo Chrysler Eng.; VIN Code J				33 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	92-91	HT-2105	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	92-91	HT-2105B	Std Only	Hyd. lash adj.; Carton of 247		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	92-91	KC-785		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105		
1	Cam/Flwr. Kit	92-91	KC-785A		(1) 55-403B; (1) CS-785; (8) R-951		
1	Cam/Lifter/Flwr. Kit	92-91	KC-785C		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951		
1	Cam/Lifter/Timing Kit	92-91	KCT-785		Hyd.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105		
1	Cam/Flwr./Timing Kit	92-91	KCT-785A		(1) 222-153; (1) 55-403B; (1) CS-785; (8) R-951		
1	Cam/Lifter/Flwr./Timing Kit	92-91	KCT-785C		Hyd. lash adj.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm	92-91	R-951	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92-91	V-3940	Std Only	Chrome plated stem; 1.394" Head Dia., 0.3116" Stem Dia., 4.522" O.A.L.		
4	Intake	92-91	V-2434	Std Only	Chrome plated stem; 1.5984" Head Dia., 0.3127" Stem Dia., 4.499" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	92-91	VG-700	Std Only	Loc. Exh.; .008" O/S OD; 0.3145" ID, 1.693" O.A.L		
4	Guide	92-91	VG-701	Std Only	Loc. Int.; .008" O/S OD; 0.3145" ID, 1.575" O.A.L		
4	Guide	92-91	VG-869	Std Only	Loc. Int.; 0.3145" ID, 1.575" O.A.L		
4	Guide	92-91	VG-870	Std Only	Loc. Exh.; 0.3145" ID, 1.693" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	92-91	VS-1457	Std Only	2.225" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	92-91	MV-1919	Std Only	Umbrella type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	92-91	245-1500-63	Std Only	Loc. Exh.; 1.507" OD, 1.21" ID, 0.345" Depth		
4	Seat	92-91	245-1687-51	Std Only	Loc. Int.; 1.6945" OD, 1.39" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	92-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove		
8	Keeper	92-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened		
8	Keeper	92-91	VK-225	Std Only	Loc. Exh.; 4 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	92-91	H579P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .300 deep x 2.865 dia. w/2 valve reliefs, 0.9008" Pin Dia.		
4	Cast Piston - Individual	92-91	WH579P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .300 deep x 2.865 dia. w/2 valve reliefs, 0.9008" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-453K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
4	Premium Single Cylinder Set	92-91	WE-453K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	6678MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	92-91	4-3800CPA	Std-25-50-75MM			
4	Rod Pair	92-91	3800CPA	Std-25-50-75MM			
1	Aux. Shaft Set	92-91	1487M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-4168				
1	Screen Assy.	92-91	224-1568				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1426		Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92-91	260-1549		Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	92-91	260-2501	Std Only	11mm Head bolts; Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8050				
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	92-91	381-2169		0.625" Diameter		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

33 (cont.)	1992 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Gasoline; Turbo Chrysler Eng.; VIN Code J				33 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring		205-6094	----
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6094M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master		MKP-6094A	----
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-6094A	----
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6094A	----
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6218	----
92-91	Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6219	----
92-91	Head bolts incl.; Rear cam plug incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6218	----
92-91	Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6219	----
34					
1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	93-91	KT-4014S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide, Bal. Shf. Sprocket, Bal. Shf. Tensioner	
1	Bal. Shaft Chain	95-91	222-2SR60	60 Links	
1	Bal. Shaft Chain Guide	95-91	222-297GP		
1	Timing Belt	95-91	222-153		
1	Timing Belt Tensioner	95-91	222-192BT		
1	Timing Belt & Tensioner Set	95-91	BTS-153		
1	Bal. Shaft Belt Tensioner	95-91	222-1298BT		
1	Bal. Shaft Sprocket	95-91	223-642	18 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	95-91	CS-785	Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 194 Int., 113 Degrees Lobe Separation	
1	Camshaft	95-91	CS-922	w/.020" O/S journals; Hydraulic, (050) Duration at .050 Lobe Lift, 190 Exh., 194 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	95-91	HT-2105	Std Only	Hyd. lash adj.
8	Lifter, Bulk	95-91	HT-2105B	Std Only	Hyd. lash adj.; Carton of 247
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95-91	KC-785	Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr. Kit	95-91	KC-785A	(1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr. Kit	95-91	KC-785C	Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
1	Cam/Lifter/Timing Kit	95-91	KCT-785	Hyd.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr./Timing Kit	95-91	KCT-785A	(1) 222-153; (1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr./Timing Kit	95-91	KCT-785C	Hyd. lash adj.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
8	Arm	95-91	R-951	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
4	Exhaust	95-91	V-2427	Std-15	4 groove; Chrome plated stem; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.
4	Exhaust, Bulk	95-91	V-2427B	Std Only	4 groove; Chrome plated stem; Carton of 25; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.
4	Intake	95-91	V-2428	Std Only	Chrome plated stem; 1.598" Head Dia., 0.3127" Stem Dia., 4.498" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

34 (cont.)		1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				34 (cont.)	
VALVETRAIN							
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Guide	95-91	VG-700	Std Only	Loc. Exh.; .008" O/S OD; 0.3145" ID, 1.693" O.A.L		
4	Guide	95-91	VG-701	Std Only	Loc. Int.; .008" O/S OD; 0.3145" ID, 1.575" O.A.L		
4	Guide	95-91	VG-869	Std Only	Loc. Int.; 0.3145" ID, 1.575" O.A.L		
4	Guide	95-91	VG-870	Std Only	Loc. Exh.; 0.3145" ID, 1.693" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	95-91	VS-1457	Std Only	2.225" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	95-91	MV-1919	Std Only	Umbrella type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	95-91	245-1500-63	Std Only	Loc. Exh.; 1.507" OD, 1.21" ID, 0.345" Depth		
4	Seat	95-91	245-1687-51	Std Only	Loc. Int.; 1.6945" OD, 1.39" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	95-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove		
8	Keeper	95-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened		
8	Keeper	95-91	VK-225	Std Only	Loc. Exh.; 4 groove		
8	Spring Insert	95-91	259-820B	Std Only	.030"; Case hardened; Carton of 48		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	95-91	571CP	Std-50-.75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.		
4	Cast Piston - Individual	95-91	W571CP	Std-50-.75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-454K	Std-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Standard Set	95-91	E-454X	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	95-91	WE-454K	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	6678MA	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	95-91	4-3800CPA	Std-.25-.50-.75MM			
4	Rod Pair	95-91	3800CPA	Std-.25-.50-.75MM			
1	Cam Set	95-91	1840M	Std Only			
1	Aux. Shaft Set	95-91	1487M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-91	224-4168				
1	Screen Assy.	95-91	224-1568				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-91	260-1427		w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-91	260-1616		w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	95-91	260-2501	Std Only	11mm Head bolts; Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8050				
1	Brass Deep Cup Freeze Plug	95-91	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	95-91	381-2169		0.625" Diameter		
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6097	----		
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6205	----		
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6097M	----		
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6205M	----		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

34 (cont.)	1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K	34 (cont.)	
KITS			
RE-RING KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-95	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1097
95-95	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1097M
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1205
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1205M
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1097
94-94	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1097M
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1205
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1205M
93-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1097
93-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1097M
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1205
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	205-1205M
OVERHAUL KIT			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MKP-6205A	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MKP-6205B	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MKP-7059	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	MKP-7060	----
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-6205A	----
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-6205B	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-7057	----
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-6205A	----

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

34 (cont.)	1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K	34 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205B	----
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205A	----
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6205B	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6205B	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7059	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7060	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6209	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6210	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6209	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6210	----
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-1205A
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-1205B
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-2059
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-1205A
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-1205B
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-2059
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-1205A
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-1205B
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master ----	MKP-2059
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons ----	MK-1205A

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

34 (cont.)	1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				34 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		----	MK-1205A
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		----	MK-1205A
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205A
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205B
95-95	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-2059
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205A
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205B
94-94	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-2059
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205A
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205B
93-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-2059
35	1994 - 1993; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code V				35
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Bal. Shaft Chain	94-93	222-2SR60	60 Links	
1	Bal. Shaft Chain Guide	94-93	222-297GP		
1	Timing Belt	94-93	222-153		
1	Timing Belt Tensioner	94-93	222-192BT		
1	Timing Belt & Tensioner Set	94-93	BTS-153		
1	Bal. Shaft Belt Tensioner	94-93	222-1298BT		
1	Bal. Shaft Sprocket	94-93	223-642	18 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	94-93	CS-785	Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 194 Int., 113 Degrees Lobe Separation	
1	Camshaft	94-93	CS-922	w/.020" O/S journals; Hydraulic, (050) Duration at .050 Lobe Lift, 190 Exh., 194 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	94-93	HT-2105	Std Only	Hyd. lash adj.
8	Lifter, Bulk	94-93	HT-2105B	Std Only	Hyd. lash adj.; Carton of 247
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	94-93	KC-785	Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

35 (cont.)		1994 - 1993; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code V			35 (cont.)	
VALVETRAIN						
QTY	CAM KIT (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cam/Flwr. Kit	94-93	KC-785A		(1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr. Kit	94-93	KC-785C		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
1	Cam/Lifter/Timing Kit	94-93	KCT-785		Hyd.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr./Timing Kit	94-93	KCT-785A		(1) 222-153; (1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr./Timing Kit	94-93	KCT-785C		Hyd. lash adj.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
8	Arm	94-93	R-951	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	94-93	V-2427	Std-15	4 groove; Chrome plated stem; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.	
4	Exhaust, Bulk	94-93	V-2427B	Std Only	4 groove; Chrome plated stem; Carton of 25; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.	
4	Intake	94-93	V-2434	Std Only	Chrome plated stem; 1.5984" Head Dia., 0.3127" Stem Dia., 4.499" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	94-93	VG-700	Std Only	Loc. Exh.; .008" O/S OD; 0.3145" ID, 1.693" O.A.L	
4	Guide	94-93	VG-701	Std Only	Loc. Int.; .008" O/S OD; 0.3145" ID, 1.575" O.A.L	
4	Guide	94-93	VG-869	Std Only	Loc. Int.; 0.3145" ID, 1.575" O.A.L	
4	Guide	94-93	VG-870	Std Only	Loc. Exh.; 0.3145" ID, 1.693" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	94-93	VS-1457	Std Only	2.225" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	94-93	MV-1919	Std Only	Umbrella type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	94-93	245-1500-63	Std Only	Loc. Exh.; 1.507" OD, 1.21" ID, 0.345" Depth	
4	Seat	94-93	245-1687-51	Std Only	Loc. Int.; 1.6945" OD, 1.39" ID, 0.305" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	94-93	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove	
8	Keeper	94-93	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened	
8	Keeper	94-93	VK-225	Std Only	Loc. Exh.; 4 groove	
8	Spring Insert	94-93	259-820B	Std Only	.030"; Case hardened; Carton of 48	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	94-93	571CP	Std-50-.75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.	
4	Cast Piston - Individual	94-93	W571CP	Std-50-.75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-93	E-454K	Std-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Standard Set	94-93	E-454X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	94-93	WE-454K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	94-93	6678MA	Std-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	94-93	4-3800CPA	Std-25-.50-.75MM		
4	Rod Pair	94-93	3800CPA	Std-25-.50-.75MM		
1	Cam Set	94-93	1840M	Std Only		
1	Aux. Shaft Set	94-93	1487M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	94-93	224-4168			
1	Screen Assy.	94-93	224-1568			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-93	260-1427		w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94-93	260-1616		w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	94-93	260-2501	Std Only	11mm Head bolts; Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	94-93	381-8050			
1	Brass Deep Cup Freeze Plug	94-93	381-9001		1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	94-93	381-2169		0.625" Diameter	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

35 (cont.)	1994 - 1993; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code V	35 (cont.)	
KITS			
RE-RING KIT			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	205-6097	205-1097
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	205-6097M	205-1097M
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	205-6205	205-1205
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	205-6205M	205-1205M
OVERHAUL KIT			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	MKP-7060	----
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-6205A	----
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-6205B	----
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-7057	----
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	505-7060	----
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	BK-6209	----
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	BK-6210	----
94-93	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	BKP-6209	----
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	BKP-6210	----
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MKP-6205A	MKP-1205A
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MKP-6205B	MKP-1205B
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MKP-7059	MKP-2059
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	MK-1205A
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	MK-7058	MK-2058
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	----	505-1205A
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	505-6205B	505-1205B

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

35 (cont.)		1994 - 1993; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code V				35 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
94-93	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-7059	505-2059	
36		2010; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code D				36	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain Tensioner	10	222-372CT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	10	HT-2297	Std Only			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
24	Arm	10	R-1139	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	10	V-4648	Std Only	Chrome plated stem; 1.094" Head Dia., 0.2329" Stem Dia., 4.178" O.A.L.		
12	Intake	10	V-4647	Std Only	Chrome plated stem; 1.3307" Head Dia., 0.2339" Stem Dia., 4.2575" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
24	Spring	10	VS-1649	Std Only	1.8" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	10	VK-293	Std Only	Loc. Int. & Exh.		
37		2009 - 1998; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code R				37	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	07-02	KT-4031S		New Part Number - Check for Availability		
1	Complete Set	01-98	KT-4000S		Incl. sprockets, chains, tensioners, arms & guides		
2	Timing Chain	07-98	222-193A		Secondary		
1	Timing Chain Tensioner	09-00	222-372CT		Primary		
1	Timing Chain Tensioner	07-98	222-377CT		Tensioner Arm		
1	Timing Chain Guide	07-98	222-376GP		Loc. L.H.; Long		
1	Timing Chain Guide	07-98	222-377GP		Loc. L.H.; Short		
1	Timing Chain Guide	07-98	222-378GP		Loc. R.H.; New Part Number - Check for Availability		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	09-98	HT-2297	Std Only			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
24	Arm	09-98	R-1139	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	09-98	V-4648	Std Only	Chrome plated stem; 1.094" Head Dia., 0.2329" Stem Dia., 4.178" O.A.L.		
12	Intake	09-98	V-4647	Std Only	Chrome plated stem; 1.3307" Head Dia., 0.2339" Stem Dia., 4.2575" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	07-98	VG-1435	Std Only	Loc. Int. & Exh.; 0.236" ID, 1.6185" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
24	Spring	09	VS-1649	Std Only	1.8" Free Height		
24	Spring	09-98	VS-1649	Std Only	Loc. Int. & Exh.; 1.8" Free Height		
24	Spring	08	VS-1649	Std Only	1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	09-98	ST-2146	Std Only	Loc. Int. & Exh.; Top Hat style; Flange OD 1.064"; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	09	VK-293	Std Only			
48	Keeper	09-98	VK-293	Std Only	Loc. Int. & Exh.		
48	Keeper	08	VK-293	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	07-98	H862CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.		
6	Cast Piston - Individual	00-98	WH862CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	00-98	6KH862CP .75MM	.75MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.		
6	Pin Bushing	03-98	4584Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	07-98	E-904K	Std-25-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

37 (cont.)	2009 - 1998; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code R					37 (cont.)
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Premium Single Cylinder Set	07-98	WE-904K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	06-98	7382MA	Std-.25-.50-.75MM	A-Series aluminum bearings	
1	Main Set	03-98	7401MA .25MM	.25MM	A-Series aluminum bearings; .005" O/S wall thickness on thrust washer; .25MM O/S thrust length	
1	Thrust Washer Set	03-98	4831F	Std Only		
1	Rod Set	06-98	6-4830A	Std-.25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	06-98	6-4830A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	06-98	6-4830A X2	X2	A-Series aluminum bearings; Use in .002 O/S Rod Bore	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	04-98	224-43646			
1	Screen Assy.	04-98	224-15064			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	07-01	260-1867		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00-98	260-1866		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	07-98	260-2554	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	05-98	381-8201			
1	Steel Block Plug Kit	05-98	381-9678			
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
00-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6850M	----
06-06	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6851	----
06-06	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6851	----
05-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6851	----
00-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6850	----
06-06	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6851M	----
06-06	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6851M	----
05-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6851M	----
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
06-06	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6223	----
05-01	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6223	----
00-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6222	----
38	2009 - 2003; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code T					38
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
2	Timing Chain	07-03	222-193A		Secondary	
1	Timing Chain Tensioner	09-03	222-372CT		Primary	
1	Timing Chain Tensioner	07-03	222-377CT		Tensioner Arm	
1	Timing Chain Guide	07-03	222-376GP		Loc. L.H.; Long	
1	Timing Chain Guide	07-03	222-377GP		Loc. L.H.; Short	
1	Timing Chain Guide	07-03	222-378GP		Loc. R.H.; New Part Number - Check for Availability	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	09-03	HT-2297	Std Only		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	09-03	R-1139	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	09-03	V-4648	Std Only	Chrome plated stem; 1.094" Head Dia., 0.2329" Stem Dia., 4.178" O.A.L.	
12	Intake	09-03	V-4647	Std Only	Chrome plated stem; 1.3307" Head Dia., 0.2339" Stem Dia., 4.2575" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

38 (cont.)		2009 - 2003; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code T				38 (cont.)	
VALVETRAIN							
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION		
24	Guide	05-03	VG-1435	Std Only	Loc. Int. & Exh.; 0.236" ID, 1.6185" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
24	Spring	09-03	VS-1649	Std Only	Loc. Int. & Exh.; 1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	07-03	ST-2146	Std Only	Loc. Int. & Exh.; Top Hat style; Flange OD 1.064"; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	09-03	VK-293	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	07-03	H862CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.		
6	Pin Bushing	03	4584Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	07-03	E-904K	Std-25-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	07-03	WE-904K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	06-03	7382MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Main Set	03	7401MA .25MM	.25MM	A-Series aluminum bearings; .005" O/S wall thickness on thrust washer; .25MM O/S thrust length		
1	Thrust Washer Set	03	4831F	Std Only			
1	Rod Set	06-03	6-4830A	Std-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	06-03	6-4830A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	06-03	6-4830A X2	X2	A-Series aluminum bearings; Use in .002 O/S Rod Bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	05-03	224-43646				
1	Screen Assy.	05-03	224-15064				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-05	260-1867		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	04-03	260-1867		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	07-03	260-2554	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	05-03	381-8201				
1	Steel Block Plug Kit	05-03	381-9678				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
06-06	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring		205-6851	----	
06-06	Head bolts not incl.; Incl. A-Series aluminum bearings		Re-ring		205-6851	----	
05-03	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring		205-6851	----	
06-06	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains		205-6851M	----	
06-06	Head bolts not incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains		205-6851M	----	
05-03	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains		205-6851M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
06-06	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6223	----	
05-03	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6223	----	
39		2005 - 2000; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline;				39	
Naturally Aspirated Chrysler Eng.; VIN Code U							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	01-00	KT-4000S		Incl. sprockets, chains, tensioners, arms & guides		
2	Timing Chain	01-00	222-193A		Secondary		
1	Timing Chain Tensioner	01-00	222-372CT		Primary		
1	Timing Chain Tensioner	01-00	222-377CT		Tensioner Arm		
1	Timing Chain Guide	01-00	222-376GP		Loc. L.H.; Long		

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39 (cont.)	2005 - 2000; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code U				39 (cont.)	
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain Guide	01-00	222-377GP		Loc. L.H.; Short	
1	Timing Chain Guide	01-00	222-378GP		Loc. R.H.; New Part Number - Check for Availability	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	05-00	HT-2297	Std Only		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	05-00	R-1139	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	05-00	V-4648	Std Only	Chrome plated stem; 1.094" Head Dia., 0.2329" Stem Dia., 4.178" O.A.L.	
12	Intake	05-00	V-4647	Std Only	Chrome plated stem; 1.3307" Head Dia., 0.2339" Stem Dia., 4.2575" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	05-00	VG-1435	Std Only	Loc. Int. & Exh.; 0.236" ID, 1.6185" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
24	Spring	05-00	VS-1649	Std Only	Loc. Int. & Exh.; 1.8" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	05-00	ST-2146	Std Only	Loc. Int. & Exh.; Top Hat style; Flange OD 1.064"; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	05-00	VK-293	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	05-00	H862CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.	
6	Cast Piston - Individual	00	WH862CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	00	6KH862CP	.75MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.220 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.	
6	Pin Bushing	03-00	4584Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-00	E-904K	Std-25-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	05-00	WE-904K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-00	7382MA	Std-25-.50-.75MM	A-Series aluminum bearings	
1	Main Set	03-00	7401MA .25MM	.25MM	A-Series aluminum bearings; .005" O/S wall thickness on thrust washer; .25MM O/S thrust length	
1	Thrust Washer Set	03-00	4831F	Std Only		
1	Rod Set	05-00	6-4830A	Std-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	05-00	6-4830A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	05-00	6-4830A X2	X2	A-Series aluminum bearings; Use in .002 O/S Rod Bore	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-00	224-43646			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	05-01	260-1867		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1866		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	05-00	260-2554	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	05-00	381-8201			
1	Steel Block Plug Kit	05-00	381-9678			
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
05-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring	205-6851
00-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring	205-6850
05-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring w/Mains	205-6851M
00-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. & oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring w/Mains	205-6850M
OVERHAUL KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
05-01	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Block Kit w/Premium Rings	BK-6223

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

39 (cont.)		2005 - 2000; 2.7L 167 (2736cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code U				39 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
00-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6222	----	
40		1992 - 1991; 3.0L 181.1 (2972cc) DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code B, Eng. Code 6G72				40	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-B195		257 Teeth		
1	Timing Belt Tensioner	92-91	222-195BT				
1	Belt Idler	92-91	222-353BT		Loc. R.H.		
1	Belt Idler	92-91	222-354BT		Loc. L.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	92-91	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	92-91	V-4506	Std Only	Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.		
12	Intake	92-91	V-4505	Std Only	Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	92-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-930KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
6	Premium Single Cylinder Set	92-91	WE-930KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7355M	Std-.25MM			
1	Thrust Washer Set	92-91	1736AF	Std Only	Loc. 3		
1	Rod Set	92-91	6-1735CP	Std-.25-.50-.75MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1939		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	92-91	260-2516	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8090				
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter		
1	Brass Deep Cup Freeze Plug	92-91	381-9008		1.375" Diameter		
1	Brass Shallow Cup Freeze Plug	92-91	381-7152		25mm Diameter		
41		1992 - 1991; 3.0L 181.1 (2972cc) DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code C, Eng. Code 6G72-T				41	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-B195		257 Teeth		
1	Timing Belt Tensioner	92-91	222-195BT				
1	Belt Idler	92-91	222-353BT		Loc. R.H.		
1	Belt Idler	92-91	222-354BT		Loc. L.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	92-91	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	92-91	V-4506	Std Only	Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.		
12	Intake	92-91	V-4505	Std Only	Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	92-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	92-91	H874CP .75MM	.75MM	Use w/E-930KC ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.246 CD, Recessed Head .132 deep w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-930KC	Std-.50MM	Use w/H874CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
6	Premium Single Cylinder Set	92-91	WE-930KC	Std-.50MM	Use w/H874CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7355M	Std-.25MM			
1	Thrust Washer Set	92-91	1736AF	Std Only	Loc. 3		
1	Rod Set	92-91	6-1735CP	Std-.25-.50-.75MM			

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41 (cont.)	1992 - 1991; 3.0L 181.1 (2972cc) DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code C, Eng. Code 6G72-T				41 (cont.)
BLOCK					
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	92-91	260-1941	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Head Bolt Set	92-91	260-2516	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	91	381-8090		
1	Brass Deep Cup Freeze Plug	91	381-9001	1.625" Diameter	
1	Brass Deep Cup Freeze Plug	91	381-9008	1.375" Diameter	
1	Brass Shallow Cup Freeze Plug	91	381-7152	25mm Diameter	
42	1996 - 1993; 3.0L 181.1 (2972cc) DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code J, Eng. Code 6G72				42
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	96-93	222-B195	257 Teeth	
1	Timing Belt Tensioner	96-93	222-195BT		
1	Belt Idler	96-93	222-353BT	Loc. R.H.	
1	Belt Idler	96-93	222-354BT	Loc. L.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
24	Lifter	96-93	HT-2274	Std Only	Hyd. lash adj.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
12	Exhaust	96-93	V-4506	Std Only	Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.
12	Intake	96-93	V-4505	Std Only	Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
12	Seat	96-93	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth
BLOCK					
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	96-93	E-930KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
6	Premium Single Cylinder Set	96-93	WE-930KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	96-93	7355M	Std.-25MM	
1	Thrust Washer Set	96-93	1736AF	Std Only	Loc. 3
1	Rod Set	96-93	6-1735CP	Std.-25-.50-.75MM	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	96	260-1936	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95	260-1936	From 10/04/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95	260-1937	To 10/03/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	94	260-1937	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	93	260-1938	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Head Bolt Set	96-93	260-2516	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	96-93	381-8090		
1	Brass Deep Cup Freeze Plug	96-93	381-9001	1.625" Diameter	
1	Brass Deep Cup Freeze Plug	96-93	381-9008	1.375" Diameter	
1	Brass Shallow Cup Freeze Plug	96-93	381-7152	25mm Diameter	
43	1996 - 1993; 3.0L 181.1 (2972cc) DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code K, Eng. Code 6G72-T				43
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	96-93	222-B195	257 Teeth	
1	Timing Belt Tensioner	96-93	222-195BT		
1	Belt Idler	96-93	222-353BT	Loc. R.H.	
1	Belt Idler	96-93	222-354BT	Loc. L.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
24	Lifter	96-93	HT-2274	Std Only	Hyd. lash adj.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
12	Exhaust	96-93	V-4506	Std Only	Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.
12	Intake	96-93	V-4505	Std Only	Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
6	Seat	96-93	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

43 (cont.)		1996 - 1993; 3.0L 181.1 (2972cc) DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; VIN Code K, Eng. Code 6G72-T				43 (cont.)
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	96-93	H874CP .75MM	.75MM	Use w/E-930KC ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.246 CD, Recessed Head .132 deep w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-93	E-930KC	Std.-50MM	Use w/H874CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	96-93	WE-930KC	Std.-50MM	Use w/H874CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-93	7355M	Std.-25MM		
1	Thrust Washer Set	96-93	1736AF	Std Only	Loc. 3	
1	Rod Set	96-93	6-1735CP	Std.-25-50-.75MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96	260-1940		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95	260-1940		From 10/04/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95	260-1941		To 10/03/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	94-93	260-1941		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Head Bolt Set	96-93	260-2516	Std Only	Replacement recommended	
44		1995 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code 3, Eng. Code 6G72				44
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	95-91	222-139		149 Teeth	
1	Timing Belt Tensioner	95-91	222-195BT			
1	Timing Belt & Tensioner Set	95-91	BTS-139			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	95-91	HT-6000	Std Only	Hyd. lash adj.	
12	Lifter, Bulk	95-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	95-91	R-1003	Std Only	w/Mech. lifters	
12	Arm	95-91	R-1122	Std Only	w/Rlr. lifters	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	95-91	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.	
6	Intake	95-91	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	95-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	95-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height	
12	Spring, Bulk	95-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	95-94	ST-2121	Std Only	Positive type; (RBB) Rubber; Superseded - When depleted use ST-2083	
12	Valve Stem Seal	93-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	95-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth	
6	Seat	95-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	95-91	VK-232	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	95-94	H694CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston	93	H694CP	Std.-50-.75MM	From 12/1/92; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston	93	H834CP	Std.-50-.75-1.00-1.50MM	To 11/30/92; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston	92-91	H834CP	Std.-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	

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44 (cont.)	1995 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code 3, Eng. Code 6G72				44 (cont.)	
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston - Individual	95-94	WH694CP	Std-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston - Individual	93	WH694CP	Std-50-.75MM	From 12/1/92; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston - Individual	93	WH834CP	Std-50-.75-1.00-1.50MM	To 11/30/92; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston - Individual	92-91	WH834CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	95-94	6KH694CP	Std-.50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	93	6KH694CP	Std-.50MM	From 12/1/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	93	6KH834CP .50MM	.50-.75-1.00MM	To 11/30/92; Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	92-91	6KH834CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-94	E-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	93	E-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome	
1	Premium Set	93	E-930KC	Std-.50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	93	E-528X	Std-.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Iron	
1	Standard Set	92-91	E-528X	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	95-94	WE-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93	WE-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93	WE-930KC	Std-.50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	92-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7090M	Std-25-.50-.75MM		
1	Thrust Washer Set	95-91	1736AF	Std Only	Loc. 3	
1	Rod Set	95-91	6-1735CP	Std-25-.50-.75MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	95-91	224-42000			
1	Pump Repair Kit	95-91	224-51385			
1	Screen Assy.	95-91	224-15048			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95-91	260-1432		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	95-91	260-2516	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	95-91	381-8090			
1	Brass Deep Cup Freeze Plug	95-91	381-9001		1.625" Diameter	
1	Brass Deep Cup Freeze Plug	95-91	381-9008		1.375" Diameter	
1	Brass Shallow Cup Freeze Plug	95-91	381-7152		25mm Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
95-94	Use w/H694CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove			Re-ring	205-6434	----
93-93	From 12/1/92; Use w/H694CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove			Re-ring	205-6434	----

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

44 (cont.)		1995 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code 3, Eng. Code 6G72			44 (cont.)	
KITS						
RE-RING KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
95-94	Use w/H694CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6434M	----
93-93	From 12/1/92; Use w/H694CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6434M	----
93-93	To 11/30/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6102	205-1102
93-93	To 11/30/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6102M	205-1102M
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6102	205-1102
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6102M	205-1102M
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
95-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H694CP piston	Block Kit w/Premium Rings			BK-6255	----
93-93	To 11/30/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H834CP piston	Block Kit w/Premium Rings			BK-6254	----
93-93	From 12/1/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H694CP piston	Block Kit w/Premium Rings			BK-6255	----
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H834CP piston	Block Kit w/Premium Rings			BK-6254	----
95-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H694CP piston	Block Kit w/Oil Pump & Freeze Plugs			BKP-6255	----
93-93	To 11/30/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston	Block Kit w/Oil Pump & Freeze Plugs			BKP-6254	----
93-93	From 12/1/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H694CP piston	Block Kit w/Oil Pump & Freeze Plugs			BKP-6255	----
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston	Block Kit w/Oil Pump & Freeze Plugs			BKP-6254	----

45		1996 - 1993; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G72			45	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	96-93	222-139		149 Teeth	
1	Timing Belt Tensioner	96-93	222-195BT			
1	Timing Belt & Tensioner Set	95-93	BTS-139			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	96-93	HT-6000	Std Only	Hyd. lash adj.	
12	Lifter, Bulk	96-93	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	96-93	R-1003	Std Only	w/Mech. lifters	
12	Arm	96-93	R-1122	Std Only	w/Rlr. lifters	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	96-93	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.	
6	Intake	96-93	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	96-93	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	96-93	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height	
12	Spring, Bulk	96-93	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	96-94	ST-2121	Std Only	Positive type; (RBB) Rubber; Superseded - When depleted use ST-2083	
12	Valve Stem Seal	93	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	96-93	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth	
6	Seat	96-93	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	96-93	VK-232	Std Only		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

45 (cont.)	1996 - 1993; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G72				45 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	96-94	H694CP	Std-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.
6	Cast Piston	93	H694CP	Std-50-.75MM	From 12/1/92; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.
6	Cast Piston	93	H834CP	Std-50-.75-1.00-1.50MM	To 11/30/92; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.
6	Cast Piston - Individual	96-94	WH694CP	Std-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.
6	Cast Piston - Individual	93	WH694CP	Std-50-.75MM	From 12/1/92; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.
6	Cast Piston - Individual	93	WH834CP	Std-50-.75-1.00-1.50MM	To 11/30/92; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.
1	Cast Piston Set w/Prem. Rings	96-94	6KH694CP	Std-.50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.
1	Cast Piston Set w/Prem. Rings	93	6KH694CP	Std-.50MM	From 12/1/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.
1	Cast Piston Set w/Prem. Rings	93	6KH834CP .50MM	.50-.75-1.00MM	To 11/30/92; Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	96-94	E-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
1	Premium Set	93	E-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome
1	Premium Set	93	E-930KC	Std-.50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
1	Standard Set	93	E-528X	Std-.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	96-94	WE-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
6	Premium Single Cylinder Set	93	WE-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome
6	Premium Single Cylinder Set	93	WE-930KC	Std-.50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	96-93	7090M	Std-25-.50-.75MM	
1	Thrust Washer Set	96-93	1736AF	Std Only	Loc. 3
1	Rod Set	96-93	6-1735CP	Std-25-.50-.75MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	96-93	224-43651		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	96-93	260-1838		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	96-93	260-2516	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	96-93	381-8090		
1	Brass Deep Cup Freeze Plug	96-93	381-9008		1.375" Diameter
1	Brass Deep Cup Freeze Plug	96-93	381-9001		1.625" Diameter
1	Brass Shallow Cup Freeze Plug	96-93	381-7152		25mm Diameter
KITS					
RE-RING KIT					
YEARS	DESCRIPTION				PREMIUM KIT NO.
96-94	Use w/H694CP piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring		205-6434
93-93	From 12/1/92; Use w/H694CP piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring		205-6434
					STANDARD KIT NO.

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

45 (cont.)		1996 - 1993; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G72				45 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-94	Use w/H694CP piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6434M	----	
93-93	From 12/1/92; Use w/H694CP piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6434M	----	
93-93	To 11/30/92; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6102	205-1102	
93-93	To 11/30/92; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6102M	205-1102M	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-94	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H694CP piston	Block Kit w/Premium Rings			BK-6255	----	
96-94	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6265	----	
93-93	From 12/1/92; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H694CP piston	Block Kit w/Premium Rings			BK-6255	----	
93-93	To 11/30/92; Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6262	----	
93-93	From 12/1/92; Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6265	----	
46		1992 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code S, Eng. Code 6G72				46	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-139		149 Teeth		
1	Timing Belt Tensioner	92-91	222-195BT				
1	Timing Belt & Tensioner Set	92-91	BTS-139				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	92-91	HT-6000	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	92-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	92-91	R-1003	Std Only	w/Mech. lifters		
12	Arm	92-91	R-1122	Std Only	w/Rlr. lifters		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	92-91	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.		
6	Intake	92-91	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	92-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	92-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height		
12	Spring, Bulk	92-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	92-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	92-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth		
6	Seat	92-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	92-91	VK-232	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	92-91	H834CP	Std.-50-.75-1.00-1.50MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	92-91	WH834CP	Std.-50-.75-1.00-1.50MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		

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46 (cont.)	1992 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code S, Eng. Code 6G72				46 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
1	Cast Piston Set w/Prem. Rings	92-91	6KH834CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	92-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome
1	Standard Set	92-91	E-528X	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	92-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	92-91	7090M	Std-.25-.50-.75MM	
1	Thrust Washer Set	92-91	1736AF	Std Only	Loc. 3
1	Rod Set	92-91	6-1735CP	Std-.25-.50-.75MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	92	224-43651		
1	Oil Pump	91	224-43651		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	92-91	260-1838		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	92-91	260-2516	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	92-91	381-8090		
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter
1	Brass Deep Cup Freeze Plug	92-91	381-9008		1.375" Diameter
1	Brass Shallow Cup Freeze Plug	92-91	381-7152		25mm Diameter
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6102	205-1102
92-92	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6102M	205-1102M
91-91	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6102	205-1102
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6102	205-1102
91-91	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6102M	205-1102M
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6102M	205-1102M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6262	----
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H834CP piston		Block Kit w/Premium Rings	BK-6254	----
91-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6262	----
47	2005 - 2001; 3.0L 181.1 (2972cc) SOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G72				47
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	05-04	222-B259		Interference Eng.; 187 Teeth
1	Timing Belt	03-01	222-B259		187 Teeth
1	Timing Belt Tensioner	05-01	222-224BT		
1	Timing Belt & Tensioner Set	04-01	BTS-259		
1	Belt Idler	05-01	222-353BT		Loc. R.H.
1	Belt Idler	05-01	222-354BT		Loc. L.H.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
12	Exhaust	05-01	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.
12	Intake	05-01	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
12	Seat	03-01	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth
12	Seat	03-01	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

47 (cont.)		2005 - 2001; 3.0L 181.1 (2972cc) SOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code H, Eng. Code 6G72				47 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-01	7090M	Std.-25-50-75MM			
1	Thrust Washer Set	05	1736AF	Std Only			
1	Thrust Washer Set	03-01	1736AF	Std Only			
6	Rod Set	05	6-1735CP	Std.-25-50-75MM			
1	Rod Set	03-01	6-1735CP	Std.-25-50-75MM			
48		1991; 3.0L 182 (2970cc) SOHC V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; VIN Code U, Eng. Code PRV				48	
BLOCK							
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	91	381-8090				
1	Brass Deep Cup Freeze Plug	91	381-9001		1.625" Diameter		
1	Brass Deep Cup Freeze Plug	91	381-9008		1.375" Diameter		
1	Brass Shallow Cup Freeze Plug	91	381-7152		25mm Diameter		
49		2001 - 1998; 3.2L 197 (3231cc) SOHC V6 (24 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code J				49	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Belt Idler	01-98	222-352BT				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	01-98	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.		
12	Intake	01-98	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	01-98	E-905K	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-98	7385MA	Std.-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	01-98	4831F	Std Only			
1	Rod Set	01-98	6-4845P	Std.-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-98	224-43654				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-98	260-1913		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
50		1993 - 1991; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code R				50	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	93-91	K73-388S		(1) 222-388; (1) 223-715; (1) 223-788		
1	Timing Chain	93-91	222-388		64 Links		
1	Crank Sprocket	93-91	223-715		20 Teeth		
1	Cam Sprocket	93-91	223-788		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	93-91	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	93-91	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	93-91	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	93-91	KC-1503		Hyd. rlr.; (1) 55-403B; (1) CS-1503; (12) HT-2269		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	93-91	RP-3279	Std Only	5.116" O.A.L.		
12	Push Rod, Bulk	93-91	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	93-91	R-1094	Std Only			
2	Rocker Shaft	93-91	RS-725	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	93-91	V-2558	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 4.974" O.A.L.		
6	Intake	93-91	V-2557	Std Only	Chrome plated stem; 1.7913" Head Dia., 0.3127" Stem Dia., 4.949" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	92-91	VG-910	Std Only	0.3155" ID, 2.275" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	93-91	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

50 (cont.)	1993 - 1991; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code R				50 (cont.)
VALVETRAIN					
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	93-91	MV-1919	Std Only	Umbrella type; (VTN) Vitor®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	93-91	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
12	Keeper	93-91	VK-225	Std Only	Loc. Exh.; 4 groove
12	Spring Insert	93-91	259-820B	Std Only	.030"; Case hardened; Carton of 48
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	93-91	574CP	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.
6	Cast Piston - Individual	93-91	W574CP	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-906K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	93-91	WE-529K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; When depleted use WE-906K; Premium Moly
6	Premium Single Cylinder Set	93-91	WE-906K	Std.-50MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	7278MA	Std.-25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	93-91	6-1920RA	Std.-25-.50-.75MM	A-Series aluminum bearings
6	Rod Pair	93-91	1920RA	Std.-25-.50MM	A-Series aluminum bearings
1	Cam Set	93-91	1809M	Std Only	
1	Cam Set	93-91	1894M	Std Only	Spec. oil control set
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	93-91	224-51384		
1	Screen Assy.	93-91	224-15051		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93-91	260-1646		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Valley Pan Gasket Set	93-91	260-4030		Upper set incl.
1	Head Bolt Set	93-91	260-2520	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	93-91	381-8060		1.625" Diameter
1	Brass Deep Cup Freeze Plug	93-91	381-9001		0.625" Diameter
1	Steel Shallow Cup Freeze Plug	93-91	381-2169		0.625" Diameter
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6206A	----
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6206AM	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings		Master	MKP-6206A	----
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings		Master w/o Pistons	MK-6206A	----
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Master w/o Rods & Mains	505-6206A	----
93-91	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6228	----
51	1997 - 1993; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code T				51
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	97-93	KT3-388S		(1) 222-388; (1) 223-715; (1) 223-788
1	Timing Chain	97-93	222-388		64 Links
1	Crank Sprocket	97-93	223-715		20 Teeth
1	Cam Sprocket	97-93	223-788		40 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	97-93	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

51 (cont.)		1997 - 1993; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code T				51 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	97-93	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	97-93	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	97-93	KC-1503		Hyd. rlr.; (1) 55-403B; (1) CS-1503; (12) HT-2269		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	97-93	RP-3279	Std Only	5.116" O.A.L.		
12	Push Rod, Bulk	97-93	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	97-93	R-1094	Std Only			
2	Rocker Shaft	97-93	RS-725	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	97-93	V-2558	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 4.974" O.A.L.		
6	Intake	97-93	V-2557	Std Only	Chrome plated stem; 1.7913" Head Dia., 0.3127" Stem Dia., 4.949" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	97-93	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	97-93	MV-1919	Std Only	Umbrella type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	96-93	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
12	Keeper	97-93	VK-225	Std Only	Loc. Exh.; 4 groove		
12	Spring Insert	97-93	259-820B	Std Only	.030"; Case hardened; Carton of 48		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	97-93	574CP	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.		
6	Cast Piston - Individual	97-93	W574CP	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-93	E-906K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	97-93	WE-529K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; When depleted use WE-906K; Premium Moly		
6	Premium Single Cylinder Set	97-93	WE-906K	Std.-50MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-93	7278MA	Std.-25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	97-93	6-1920RA	Std.-25-.50-.75MM	A-Series aluminum bearings		
6	Rod Pair	97-93	1920RA	Std.-25-.50MM	A-Series aluminum bearings		
1	Cam Set	97-93	1809M	Std Only			
1	Cam Set	97-93	1894M	Std Only	Spec. oil control set		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	97-93	224-51384				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-93	260-1646		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	97-93	260-4030		Upper set incl.		
2	Head Bolt Set	97	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	96-93	260-2520	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	97-93	381-8060				
1	Brass Deep Cup Freeze Plug	97-93	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	97-93	381-2169		0.625" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-93	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6206A	----	
97-93	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6206AM	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	

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51 (cont.)	1997 - 1993; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code T					51 (cont.)
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
97-93	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Master	MKP-6206A	----
97-93	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Master w/o Pistons	MK-6206A	----
97-93	Head bolts not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-6206A	----
97-93	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6228	----
52 1996 - 1994; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code U 52						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	96-94	KT3-388S		(1) 222-388; (1) 223-715; (1) 223-788	
1	Timing Chain	95	222-388		64 Links	
1	Timing Chain	94	222-388		64 Links	
1	Crank Sprocket	96-94	223-715		20 Teeth	
1	Cam Sprocket	96-94	223-788		40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	96-94	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	96-94	HT-2269	Std Only	Hyd. rlr.	
12	Lifter, Bulk	96-94	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	96-94	RP-3279	Std Only	5.116" O.A.L.	
12	Push Rod, Bulk	96-94	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	96-94	R-1094	Std Only		
2	Rocker Shaft	96-94	RS-725	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	96-94	V-2558	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 4.974" O.A.L.	
6	Intake	96-94	V-2557	Std Only	Chrome plated stem; 1.7913" Head Dia., 0.3127" Stem Dia., 4.949" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	96-94	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	96-94	MV-1919	Std Only	Umbrella type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	96-94	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
12	Keeper	96-94	VK-225	Std Only	Loc. Exh.; 4 groove	
12	Spring Insert	96-94	259-820B	Std Only	.030"; Case hardened; Carton of 48	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	96-94	574CP	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.	
6	Cast Piston - Individual	96-94	W574CP	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-94	E-906K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	96-94	WE-529K	Std-50-75MM	2-1.50MM, 1-3.00MM; When depleted use WE-906K; Premium Moly	
6	Premium Single Cylinder Set	96-94	WE-906K	Std-50MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-94	7278MA	Std-25-50-75MM	A-Series aluminum bearings	
1	Rod Set	96-94	6-1920RA	Std-25-50-75MM	A-Series aluminum bearings	
6	Rod Pair	96-94	1920RA	Std-25-50MM	A-Series aluminum bearings	
1	Cam Set	96-94	1809M	Std Only		
1	Cam Set	96-94	1894M	Std Only	Spec. oil control set	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	96-94	224-51384			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96-94	260-1646		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

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52 (cont.)		1996 - 1994; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code U				52 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Valley Pan Gasket Set	96-94	260-4030		Upper set incl.		
1	Head Bolt Set	96-94	260-2520	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-94	381-8060				
1	Brass Deep Cup Freeze Plug	96-94	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	96-94	381-2169		0.625" Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
96-94	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6206A	----
96-94	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6206AM	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
96-94	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings		BK-6228	----
53		1998 - 1993; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code F				53	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	97-95	222-B255				
1	Timing Belt	94-93	222-B219				
1	Belt Idler	97-95	222-352BT				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	98-93	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.		
12	Intake	98	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
12	Intake	97-93	V-4482	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2733" Stem Dia., 4.516" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	98	H1121CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.490 CD, Dish Head .023 deep x 2.905 dia., 24.008mm Pin Dia.		
6	Cast Piston	97-96	H842CP	Std-.50MM	Hypereutectic; Replaces both L.H. & R.H. pistons; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.496 CD, Domed Head .032 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9448" Pin Dia.		
6	Cast Piston	95-93	H697CP	Std-.50-.75MM	Hypereutectic; Replaces both L.H. & R.H. pistons; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.496 CD, Domed Head .040 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9448" Pin Dia.		
6	Cast Piston - Individual	97-96	WH842CP	Std-.50MM	Hypereutectic; Replaces both L.H. & R.H. pistons; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.496 CD, Domed Head .032 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9448" Pin Dia.		
6	Cast Piston - Individual	95-93	WH697CP	Std-.50-.75MM	Hypereutectic; Replaces both L.H. & R.H. pistons; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.496 CD, Domed Head .040 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9448" Pin Dia.		
6	Pin Bushing	97-93	4589Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98-96	E-907K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	95-93	E-537K	Std-.50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	98-96	WE-907K	Std-.50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98	7385MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Main Set	97-93	7351M	Std-.25-.50-.75MM			
1	Thrust Washer Set	98	4831F	Std Only			
1	Rod Set	98	6-4845P	Std-.25-.50MM			
1	Rod Set	97-93	6-1920RA	Std-.25-.50-.75MM	A-Series aluminum bearings		
6	Rod Pair	97-93	1920RA	Std-.25-.50MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-93	224-43574				
1	Screen Assy.	97-93	224-15068				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-93	260-1706		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

53 (cont.)		1998 - 1993; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code F				53 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	97-93	260-2525	Std Only	Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6392	----
95-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6392A	----
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6392M	----
95-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6392AM	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Block Kit w/Premium Rings	BK-6229	----
54		2009 - 1998; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code G				54	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Belt Idler	07-99	222-352BT				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	07-98	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.		
12	Intake	09-98	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-98	H1121CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.490 CD, Dish Head .023 deep x 2.905 dia., 24.008mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-98	E-907K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	05-98	WE-907K	Std-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-98	7385MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	03-98	4831F	Std Only			
1	Rod Set	05-98	6-4845P	Std-.25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-98	224-43654				
55		2004 - 2002; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				55	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	04-02	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.		
12	Intake	04-02	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-03	H1121CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.490 CD, Dish Head .023 deep x 2.905 dia., 24.008mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	04-02	E-907K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	04-02	WE-907K	Std-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-02	7385MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	03-02	4831F	Std Only			
1	Rod Set	04-02	6-4845P	Std-.25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-03	224-43654				
56		2009 - 2002; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code M				56	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	04-02	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

56 (cont.)		2009 - 2002; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code M				56 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Intake	09-08	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
12	Intake	04-02	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-02	H1121CP	Std-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.490 CD, Dish Head .023 deep x 2.905 dia., 24.008mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	04-02	E-907K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	04-02	WE-907K	Std-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-02	7385MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	03-02	4831F	Std Only			
1	Rod Set	04-02	6-4845P	Std-.25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-02	224-43654				
57		2010 - 2000; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code V				57	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	07-00	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.		
12	Intake	10	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
12	Intake	08-00	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04	H1121CP	Std-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.490 CD, Dish Head .023 deep x 2.905 dia., 24.008mm Pin Dia.		
6	Cast Piston	00	H1121CP	Std-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.490 CD, Dish Head .023 deep x 2.905 dia., 24.008mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-00	E-907K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	05-00	WE-907K	Std-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-00	7385MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	03-00	4831F	Std Only			
1	Rod Set	05-00	6-4845P	Std-.25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04	224-43654				
1	Oil Pump	00	224-43654				
58		1993 - 1991; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code L				58	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	93-91	K13-388S		(1) 222-388; (1) 223-715; (1) 223-788		
1	Timing Chain	93-91	222-388		64 Links		
1	Crank Sprocket	93-91	223-715		20 Teeth		
1	Cam Sprocket	93-91	223-788		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	93-91	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	93-91	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	93-91	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	93-91	KC-1503		Hyd. rlr.; (1) 55-403B; (1) CS-1503; (12) HT-2269		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	93-91	RP-3279	Std Only	5.116" O.A.L.		
12	Push Rod, Bulk	93-91	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	93-91	R-1094	Std Only			
2	Rocker Shaft	93-91	RS-725	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	93-91	V-2558	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 4.974" O.A.L.		
6	Intake	93-91	V-2557	Std Only	Chrome plated stem; 1.7913" Head Dia., 0.3127" Stem Dia., 4.949" O.A.L.		

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

58 (cont.)	1993 - 1991; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code L					58 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	93-91	VG-910	Std Only	0.3155" ID, 2.275" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	93-91	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	93-91	MV-1919	Std Only	Umbrella type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	93-91	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	93-91	VK-225	Std Only	Loc. Exh.; 4 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	93-91	803CP	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .200 deep; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.	
6	Cast Piston - Individual	93-91	W803CP	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .200 deep; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-537K	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	7278MA	Std-25-50-75MM	A-Series aluminum bearings	
1	Rod Set	93-91	6-1920RA	Std-25-50-75MM	A-Series aluminum bearings	
6	Rod Pair	93-91	1920RA	Std-25-50MM	A-Series aluminum bearings	
1	Cam Set	93-91	1809M	Std Only		
1	Cam Set	93-91	1894M	Std Only	Spec. oil control set	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	93-91	224-51384			
1	Screen Assy.	93-91	224-15051			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-91	260-1647		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Valley Pan Gasket Set	93-91	260-4030		Upper set incl.	
1	Head Bolt Set	93-91	260-2520	Std Only	Replacement recommended	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6330	----
93-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6330M	----
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
93-91	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6230	----
59	2006; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 2					59
BLOCK						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	06	260-1958		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for thermostat gskt.	
60	2008 - 2005; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code H					60
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	08-05	V-4682	Std Only	Chrome plated stem; 1.551" Head Dia., 0.3126" Stem Dia., 4.844" O.A.L.	
8	Intake	08-05	V-4709	Std Only	Chrome plated stem; 2" Head Dia., 0.3128" Stem Dia., 4.929" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	05	H899CT	Std-25-50-75-1.00-1.50 MM	Hypereutectic; 1 -, 1.50 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.205 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 24.016mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	

Chrysler Car (Incl. Chrysler, DeSoto, Dodge, Eagle, Plymouth)

60 (cont.)		2008 - 2005; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code H				60 (cont.)	
BLOCK							
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05	E-975K	Std-50-75-1.00MM	1-1.50MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	08-05	7419M	Std-25-50MM			
1	Thrust Washer Set	05	4961F	Std Only			
1	Rod Set	05	8-4960P	Std-25-50MM			
1	Cam Set	07-05	1920M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	08-05	224-43665				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	06-05	260-1958		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for thermostat gskt.		
61		2008 - 2005; 6.1L 370 (6059cc) OHV V8 (16 Valve), 103mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code W				61	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	08-05	7419M	Std-25-50MM			
1	Thrust Washer Set	08-05	4961F	Std Only			
1	Rod Set	08-05	8-4960P	Std-25-50MM			
1	Cam Set	07-05	1920M	Std Only			
62		2002 - 1992; 8.0L 488 (7994cc) OHV V10 (20 Valve), 101.6mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code E				62	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	01-92	222-160		Double rlr.; 68 Links		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
20	Lifter	00-92	HT-2269	Std Only	Hyd. rlr.		
20	Lifter, Bulk	00-92	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
20	Valve Stem Seal	02-92	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
40	Keeper	02-92	VK-216	Std Only	1 groove		
40	Keeper, Bulk	02-92	VK-216B	Std Only	1 groove; Carton of 1000		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-92	156M	Std-1-1X	Race Performance		
10	Rod Pair	02-00	2130CP	Std-1-2-10-20-30-40			
10	Rod Pair	02-92	7125CH	Std Only	Race Performance		
63		2006 - 2003; 8.3L 505 (8277cc) OHV V10 (20 Valve), 102.4mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z				63	
VALVETRAIN							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
20	Valve Stem Seal	06-03	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
40	Keeper	06-03	VK-216	Std Only	1 groove		
40	Keeper, Bulk	06-03	VK-216B	Std Only	1 groove; Carton of 1000		

Chrysler Minivans - See Dodge Truck

Chrysler Motor Home - See Dodge Truck

Chrysler SUV's - See Dodge Truck

Chrysler Truck - See Dodge Truck

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.6L	97.5	1598cc	DOHC L4	79mm	16	Opel Eng.		A16DMS		MFI/Gasoline	2002-1999	1
2.0L	122.0	1998cc	DOHC L4	86mm	16	Opel Eng.		A20DMS		MFI/Gasoline	2002-2000	2
2.2L	134.1	2198cc	DOHC L4	86mm	16	Opel Eng.		A22DMS		MFI/Gasoline	2002-2000	3
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
A16DMS	1.6L	97.5	1598cc	DOHC L4	79mm	16	Opel Eng.		MFI/Gasoline	2002-1999	1	
A20DMS	2.0L	122.0	1998cc	DOHC L4	86mm	16	Opel Eng.		MFI/Gasoline	2002-2000	2	
A22DMS	2.2L	134.1	2198cc	DOHC L4	86mm	16	Opel Eng.		MFI/Gasoline	2002-2000	3	
1	2002 - 1999; 1.6L 1598cc DOHC L4 (16 Valve), 79mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; Eng. Code A16DMS										1	
BLOCK												
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION								
1	Oil Pump	02-99	224-43644									
2	2002 - 2000; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; Eng. Code A20DMS										2	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Intake	02-00	V-4630	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2348" Stem Dia., 4.02" O.A.L.							
3	2002 - 2000; 2.2L 2198cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; Eng. Code A22DMS										3	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Intake	02-00	V-4630	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2348" Stem Dia., 4.02" O.A.L.							

Daihatsu SUV's - See Daihatsu Truck

Datsun Car - See Nissan Car

Datsun Truck - See Nissan Truck

DeSoto - See Chrysler Car

Dodge Car - See Chrysler Car

Dodge Minivans - See Dodge Truck

Dodge SUV's - See Dodge Truck

Dodge Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.	9			MFI/Gasoline	2004-2002	1
2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.	G	4G64		MFI/Gasoline	1993	2
2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.	W	4G64		MFI/Gasoline	1992-1991	3
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	9			MFI/Gasoline	2010	4
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	B			MFI/Gasoline	2009-1996	5
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	E			MFI/Gasoline	2008-2004	6
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	G			MFI/Gasoline	2009-2003	7
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	S			MFI/Gasoline	2007-2004	8
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	X			MFI/Gasoline	2008-2004	9
2.5L	150.0	2464cc	OHV L4	98.42mm	8	AMC Eng.	P			MFI/Gasoline	2002-1996	10
2.5L	153.0	2507cc	SOHC L4	87.5mm	8	Chrysler Eng.	G			TBI/Gasoline	1995-1991	11
2.5L	153.0	2507cc	SOHC L4	87.5mm	8	Chrysler Eng.	K			TBI/Gasoline	1995-1991	12
2.7L	164.0	2686cc	DOHC Turbo - Intercooled L5	88mm	20	Mercedes-Benz Eng.	4	602.984		MFI/Diesel	2007-2006	13

Dodge Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.7L	164.0	2686cc	DOHC Turbo - Intercooled L5	88mm	20	Mercedes-Benz Eng.	C	602.984		MFI/Diesel	2005-2003	14
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	3	6G72		MFI/Gasoline	2000-1991	15
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	S	6G72		MFI/Gasoline	1992-1991	16
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	3			MFI/Flex Fuel	2008-2001	17
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	E			MFI/Flex Fuel	2010	18
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	G			MFI/Flex Fuel	2007-1998	19
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	J			MFI/Natural Gas	1996-1994	20
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	P			MFI/Natural Gas	1996-1994	21
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	R			MFI/Gasoline	2008-1991	22
3.3L	201.0	3302cc	OHV V6	93mm	12	Chrysler Eng.	S			MFI/Flex Fuel	2004	23
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	4			MFI/Gasoline	2006-2004	24
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	S			MFI/Gasoline	2009	25
3.5L	215.0	3518cc	SOHC V6	96mm	24	Chrysler Eng.	V			MFI/Gasoline	2010	26
3.7L	226.0	3704cc	SOHC V6	93mm	12	Chrysler Eng.	K			MFI/Gasoline	2010-2002	27
3.8L	231.0	3785cc	OHV V6	96mm	12	Chrysler Eng.	1			MFI/Flex Fuel	2010	28
3.8L	231.0	3785cc	OHV V6	96mm	12	Chrysler Eng.	L			MFI/Gasoline	2008-1994	29
3.8L	231.0	3785cc	OHV V6	96mm	12	Chrysler Eng.	P			MFI/Gasoline	2008	30
3.9L	239.0	3916cc	OHV V6	99.22mm	12	Chrysler Eng.	X			MFI/Gasoline	2003-1992	31
3.9L	239.0	3916cc	OHV V6	99.22mm	12	Chrysler Eng.	X			TBI/Gasoline	1991	32
4.0L	241.1	3952cc	SOHC V6	96mm	24	Chrysler Eng.	X			MFI/Gasoline	2010-2007	33
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	N			MFI/Gasoline	2010-2000	34
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	P			MFI/Flex Fuel	2010-2004	35
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	J			MFI/Gasoline	2007-2005	36
5.2L	318.0	5212cc	OHV V8	99.22mm	16	Chrysler Eng.	T			MFI/Natural Gas	2003-1992	37
5.2L	318.0	5212cc	OHV V8	99.22mm	16	Chrysler Eng.	Y			MFI/Gasoline	2003-1992	38
5.2L	318.0	5212cc	OHV V8	99.22mm	16	Chrysler Eng.	Y			TBI/Gasoline	1991	39
5.7L	345.0	5654cc	OHV V8	99.5mm	16	Chrysler Eng.	2			MFI/Gasoline	2008-2006	40
5.7L	345.0	5654cc	OHV V8	99.5mm	16	Chrysler Eng.	8			MFI/Gasoline	2008-2007	41
5.7L	345.0	5654cc	OHV V8	99.5mm	16	Chrysler Eng.	D			MFI/Gasoline	2008-2003	42
5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	12	Cummins Eng.	8	6BTA5.9		MFI/Diesel	1991	43
5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	12	Cummins Eng.	C	6BTA5.9		MFI/Diesel	1996-1991	44
5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	12	Cummins Eng.	D	6BTA5.9		MFI/Diesel	1999-1997	45
5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	24	Cummins Eng.	6	6BTA5.9		MFI/Diesel	2005-1998	46
5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	24	Cummins Eng.	7	6BTA5.9		MFI/Diesel	2004-1998	47
5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	24	Cummins Eng.	C	6BTA5.9		MFI/Diesel	2009-2002	48
5.9L	360.0	5899cc	OHV V8	101.6mm	16	Chrysler Eng.	5			MFI/Gasoline	2002-1993	49
5.9L	360.0	5899cc	OHV V8	101.6mm	16	Chrysler Eng.	5			TBI/Gasoline	1992-1991	50
5.9L	360.0	5899cc	OHV V8	101.6mm	16	Chrysler Eng.	Z			MFI/Gasoline	2003-1993	51
5.9L	360.0	5899cc	OHV V8	101.6mm	16	Chrysler Eng.	Z			TBI/Gasoline	1992-1991	52
6.7L	408.3	6691cc	OHV Turbo - Intercooled L6	107mm	24	Cummins Eng.	A	ISB6.7-305		MFI/Diesel	2008-2007	53
6.7L	408.3	6691cc	OHV Turbo - Intercooled L6	107mm	24	Cummins Eng.	L	ISB6.7-350		MFI/Diesel	2010-2009	54
8.0L	488.0	7994cc	OHV V10	101.6mm	20	Chrysler Eng.	W			MFI/Gasoline	2004-1994	55
8.3L	505.0	8277cc	OHV V10	102.4mm	20	Chrysler Eng.	H			MFI/Gasoline	2006-2004	56

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
ISB6.7-305	6.7L	408.3	6691cc	OHV Turbo - Intercooled L6	107mm	24	Cummins Eng.	A	MFI/Diesel	2008-2007	53
ISB6.7-350	6.7L	408.3	6691cc	OHV Turbo - Intercooled L6	107mm	24	Cummins Eng.	L	MFI/Diesel	2010-2009	54
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.	G	MFI/Gasoline	1993	2
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.	W	MFI/Gasoline	1992-1991	3
602.984	2.7L	164.0	2686cc	DOHC Turbo - Intercooled L5	88mm	20	Mercedes-Benz Eng.	4	MFI/Diesel	2007-2006	13
602.984	2.7L	164.0	2686cc	DOHC Turbo - Intercooled L5	88mm	20	Mercedes-Benz Eng.	C	MFI/Diesel	2005-2003	14
6BTA5.9	5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	24	Cummins Eng.	6	MFI/Diesel	2005-1998	46

Dodge Truck (Incl. Minivans and SUV's)

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
6BTA5.9	5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	24	Cummins Eng.	7	MFI/Diesel	2004-1998	47
6BTA5.9	5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	12	Cummins Eng.	8	MFI/Diesel	1991	43
6BTA5.9	5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	12	Cummins Eng.	C	MFI/Diesel	1996-1991	44
6BTA5.9	5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	24	Cummins Eng.	C	MFI/Diesel	2009-2002	48
6BTA5.9	5.9L	359.0	5882cc	OHV Turbo - Intercooled L6	102mm	12	Cummins Eng.	D	MFI/Diesel	1999-1997	45
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	3	MFI/Gasoline	2000-1991	15
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.	S	MFI/Gasoline	1992-1991	16
1 2004 - 2002; 2.0L 122 (1996cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 9											1
BLOCK											
QTY	PISTON		YEARS	PART NO.					DESCRIPTION		
4	Cast Piston		04-02	H1122CP	Std-50MM				Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Flat Head w/2 valve reliefs, 21.008mm Pin Dia.		
QTY	GASKETS		YEARS	PART NO.					DESCRIPTION		
1	Head Bolt Set		04-02	260-2559	Std Only				Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
2 1993; 2.4L 143.4 (2351cc) SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code G, Eng. Code 4G64											2
VALVETRAIN											
QTY	TIMING		YEARS	PART NO.					DESCRIPTION		
1	Timing Belt		93	222-B229							
1	Timing Belt Tensioner		93	222-105BT							
1	Bal. Shaft Belt		93	222-159							
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
4	Exhaust		93	V-2660	Std Only				Chrome plated stem; 1.496" Head Dia., 0.3126" Stem Dia., 4.141" O.A.L.		
4	Intake		93	V-2661	Std Only				Chrome plated stem; 1.811" Head Dia., 0.314" Stem Dia., 4.1909" O.A.L.		
QTY	VALVE GUIDE		YEARS	PART NO.					DESCRIPTION		
4	Guide		93	VG-714	Std Only				Loc. Exh.; 0.316" ID, 2.05" O.A.L.		
4	Guide		93	VG-715	Std Only				Loc. Int.; 0.3155" ID, 1.85" O.A.L.		
QTY	VALVE SPRING		YEARS	PART NO.					DESCRIPTION		
8	Spring		93	VS-1461	Std Only				Loc. Int. & Exh.; 1.96" Free Height		
8	Spring, Bulk		93	VS-1461B	Std Only				Loc. Int. & Exh.; Carton of 250; 1.96" Free Height		
QTY	VALVE SEAL		YEARS	PART NO.					DESCRIPTION		
8	Valve Stem Seal		93	ST-2083	Std Only				Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT		YEARS	PART NO.					DESCRIPTION		
4	Seat		93	245-1875-51	Std Only				Loc. Int.; 1.882" OD, 1.575" ID, 0.317" Depth		
QTY	VALVE, MISC		YEARS	PART NO.					DESCRIPTION		
16	Keeper		93	VK-232	Std Only						
BLOCK											
QTY	RINGS		YEARS	PART NO.					DESCRIPTION		
1	Premium Set		93	E-524KC	Std Only				2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set		93	E-524X	Std Only				2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set		93	WE-524KC	Std Only				2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		93	5103M	Std-25-.50-.75MM						
1	Rod Set		93	4-3485CP	Std-25-.50-.75MM						
1	Cam Set		93	1858M	Std Only						
1	Bal. Shaft Set		93	1810M	Std Only						
QTY	OIL PUMP		YEARS	PART NO.					DESCRIPTION		
1	Oil Pump		93	224-43601							
1	Screen Assy.		93	224-14282							
QTY	FREEZE PLUGS		YEARS	PART NO.					DESCRIPTION		
1	Brass Block Plug Kit		93	381-8099							
1	Brass Deep Cup Freeze Plug		93	381-9009					35mm Diameter		

Dodge Truck (Incl. Minivans and SUV's)

3 **1992 - 1991; 2.4L 143.4 (2351cc) SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline;** **3**
Naturally Aspirated Mitsubishi Eng.; VIN Code W, Eng. Code 4G64

VALVETRAIN

QTY	TIMING (cont.)	YEARS	PART NO.	DESCRIPTION
1	Timing Belt	92-91	222-124	
1	Timing Belt Tensioner	92-91	222-105BT	
1	Timing Belt & Tensioner Set	92-91	BTS-124	
1	Bal. Shaft Belt	92-91	222-159	
1	Bal. Shaft Belt Tensioner	92-91	222-161BT	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
8	Lifter	92-91	HT-6000	Std Only Hyd. lash adj.
8	Lifter, Bulk	92-91	HT-6000B	Std Only Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
4	Exhaust	92-91	V-2660	Std Only Chrome plated stem; 1.496" Head Dia., 0.3126" Stem Dia., 4.141" O.A.L.
4	Intake	92-91	V-2661	Std Only Chrome plated stem; 1.811" Head Dia., 0.314" Stem Dia., 4.1909" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
4	Guide	92-91	VG-714	Std Only Loc. Exh.; 0.316" ID, 2.05" O.A.L.
4	Guide	92-91	VG-715	Std Only Loc. Int.; 0.3155" ID, 1.85" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION
8	Spring	92-91	VS-1461	Std Only Loc. Int. & Exh.; 1.96" Free Height
8	Spring, Bulk	92-91	VS-1461B	Std Only Loc. Int. & Exh.; Carton of 250; 1.96" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
4	Valve Stem Seal	92-91	ST-2037	Std Only Loc. Int.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
4	Seat	92-91	245-1875-51	Std Only Loc. Int.; 1.882" OD, 1.575" ID, 0.317" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
16	Keeper	92-91	VK-232	Std Only

BLOCK

QTY	PISTON	YEARS	PART NO.	DESCRIPTION
4	Cast Piston	92-91	12958P	Std Only Cast; 2 - , 1.50mm Groove, 1 - 4.00mm Groove, 35.5mm CD, Flat Head w/3 valve reliefs, 21mm Pin Dia.
QTY	RINGS	YEARS	PART NO.	DESCRIPTION
1	Premium Set	92-91	E-524KC	Std Only 2-1.50MM, 1-4.00MM; Premium Chrome
1	Standard Set	92-91	E-524X	Std Only 2-1.50MM, 1-4.00MM; Iron
4	Premium Single Cylinder Set	92-91	WE-524KC	Std Only 2-1.50MM, 1-4.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	92-91	5103M	Std.-25-.50-.75MM
1	Rod Set	92-91	4-3485CP	Std.-25-.50-.75MM
1	Cam Set	92-91	1858M	Std Only
1	Bal. Shaft Set	92-91	1810M	Std Only
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	92-91	224-43601	
1	Screen Assy.	92-91	224-14282	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Kit Gasket Set	92-91	260-1709	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION
1	Brass Block Plug Kit	92-91	381-8099	
1	Brass Deep Cup Freeze Plug	92-91	381-9009	35mm Diameter

KITS

RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6335	205-1335
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6335M	205-1335M

4 **2010; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally** **4**
Aspirated Chrysler Eng.; VIN Code 9

VALVETRAIN

QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Bal. Shaft Chain	10	222-2SR60	60 Links
1	Timing Belt	10	222-B265	146 Teeth
1	Crank Sprocket	10	223-803	For Bal. Shaft Chain; 36 Teeth
1	Bal. Shaft Sprocket	10	223-642	18 Teeth
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION
16	Arm	10	R-1098	Std Only
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION

Dodge Truck (Incl. Minivans and SUV's)

4 (cont.)	2010; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 9					4 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION	
16	Guide	10	VG-1387T	Std Only	Threaded; 0.2355" ID, 1.735" O.A.L	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	10	VK-296	Std Only	3 Groove	
5 2009 - 1996; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code B 5						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Bal. Shaft Chain	09-96	222-2SR60		60 Links	
1	Bal. Shaft Chain Guide	03-96	222-297GP			
1	Timing Belt	09-08	222-B265		146 Teeth	
1	Timing Belt	05-96	222-B265		146 Teeth	
1	Bal. Shaft Belt	03-96	222-B168		65 Teeth	
1	Bal. Shaft Belt Tensioner	03-96	222-1298BT			
1	Crank Sprocket	09-96	223-803		For Bal. Shaft Chain; 36 Teeth	
1	Bal. Shaft Sprocket	09-08	223-642		18 Teeth	
1	Bal. Shaft Sprocket	04-96	223-642		18 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	00-96	HT-2278	Std Only	Hyd. lash adj.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	07-96	R-1098	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	09-00	V-4725	Std Only	3 groove; Chrome plated stem; 1.1200" Head Dia., 0.2329" Stem Dia., 4.3240" O.A.L.; New Part Number - Check for Availability	
8	Exhaust	00-96	V-4484	Std Only	1 groove; Chrome plated stem; 1.201" Head Dia., 0.2328" Stem Dia., 4.324" O.A.L.	
8	Intake	06-00	V-4606	Std Only	3 groove; Chrome plated stem; 1.37" Head Dia., 0.2337" Stem Dia., 4.4" O.A.L.	
8	Intake	00-96	V-4485	Std Only	1 groove; Chrome plated stem; 1.37" Head Dia., 0.234" Stem Dia., 4.399" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	09-08	VG-1387T	Std Only	Threaded; 0.2355" ID, 1.735" O.A.L	
16	Guide	07-96	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	05-96	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	03-01	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth	
8	Seat	03-01	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	07-02	VK-296	Std Only	3 Groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	04-01	H893CP	Std.-50-.75MM	Use w/E-640K ring set; Hypereutectic; 1 - 1.50mm Groove, 1 - 1.50mm Groove, 1 - 3.00 Groove, 1.225 CD, Domed Head .420 high, 0.9663" Pin Dia.	
4	Cast Piston	00-96	H892CP	Std.-50-.75MM	Hypereutectic; Use w/E640K ring set; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .220 high; DUROSHIELD® skirt coated piston, 0.9663" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
4	Premium Set	05-96	E-640K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Use w/H892CP & H893CP pistons; Premium Moly	
1	Premium Set	01-98	E-903K	Std.-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-96	7313M	Std.-25-.50MM		
4	Rod Pair	04-96	4565A	Std.-25-.50MM	A-Series aluminum bearings	
4	Rod Pair	04-96	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-97	224-43631			
1	Oil Pump	96	224-43634			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-96	260-1892		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	07-96	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	08-96	381-8204			

Dodge Truck (Incl. Minivans and SUV's)

6		2008 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline;					6	
Turbo - Intercooled Chrysler Eng.; VIN Code E								
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	05-04	222-B265		146 Teeth			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
16	Guide	08	VG-1387T	Std Only	Threaded; 0.2355" ID, 1.735" O.A.L.			
BLOCK								
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Head Bolt Set	07-04	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability			
7		2009 - 2003; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline;					7	
Turbo - Intercooled Chrysler Eng.; VIN Code G								
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	05-03	222-B265		146 Teeth			
1	Crank Sprocket	04-03	223-803		For Bal. Shaft Chain; 36 Teeth			
1	Bal. Shaft Sprocket	04-03	223-642		18 Teeth			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
16	Arm	05-03	R-1098	Std Only				
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
16	Guide	09	VG-1387T	Std Only	Threaded; 0.2355" ID, 1.735" O.A.L.			
16	Guide	09-03	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
16	Spring	05-03	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
32	Keeper	06-03	VK-296	Std Only	3 Groove			
BLOCK								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	05-03	7313M	Std-.25-.50MM				
4	Rod Pair	05-03	4565A	Std-.25-.50MM	A-Series aluminum bearings			
4	Rod Pair	05-03	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Head Bolt Set	07-03	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability			
8		2007 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline;					8	
Turbo - Intercooled Chrysler Eng.; VIN Code S								
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	05-04	222-B265		146 Teeth			
BLOCK								
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Head Bolt Set	07-04	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	07-04	381-8204					
9		2008 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline;					9	
Naturally Aspirated Chrysler Eng.; VIN Code X								
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Bal. Shaft Chain	08-04	222-2SR60		60 Links			
1	Timing Belt	08-04	222-B265		146 Teeth			
1	Bal. Shaft Belt	05-04	222-B168		65 Teeth			
1	Crank Sprocket	08-04	223-803		For Bal. Shaft Chain; 36 Teeth			
1	Bal. Shaft Sprocket	08-04	223-642		18 Teeth			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
16	Arm	05-04	R-1098	Std Only				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	08-04	V-4725	Std Only	3 groove; Chrome plated stem; 1.1200" Head Dia., 0.2329" Stem Dia., 4.3240" O.A.L.; New Part Number - Check for Availability			
8	Intake	06-04	V-4606	Std Only	3 groove; Chrome plated stem; 1.37" Head Dia., 0.2337" Stem Dia., 4.4" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
16	Guide	08	VG-1387T	Std Only	Threaded; 0.2355" ID, 1.735" O.A.L.			
16	Guide	05-04	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.			

Dodge Truck (Incl. Minivans and SUV's)

9 (cont.)	2008 - 2004; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X				9 (cont.)
VALVETRAIN					
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	05-04	VS-1661	Std Only	Loc. Int. & Exh.; 1.905" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	05-04	VK-296	Std Only	3 Groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	05-04	H893CP	Std.-50-.75MM	Use w/E-640K ring set; Hypereutectic; 1 - .150mm Groove, 1 - 1.50mm Groove, 1 - 3.00 Groove, 1.225 CD, Domed Head .420 high, 0.9663" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
4	Premium Set	05-04	E-640K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Use w/H892CP & H893CP pistons; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-04	7313M	Std.-25-.50MM	
4	Rod Pair	05-04	4565A	Std.-25-.50MM	A-Series aluminum bearings
4	Rod Pair	05-04	4565A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	06-04	224-43631		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Head Bolt Set	07-04	260-2548	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	08-04	381-8204		
10	2002 - 1996; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; VIN Code P				10
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	02-96	KT3-3SR64S		(1) 222-3SR64; (1) 223-607; (1) 223-608A
1	Complete Set	02-96	KT-4023S		Incl. Cam, Crank, Chain, Tensioner, Damper
1	Timing Chain	02-96	222-3SR64		Single rlr.; 64 Links
1	Timing Chain Tensioner	02-96	222-167CT		
1	Timing Chain Guide	01-96	222-337GP		
1	Crank Sprocket	02-96	223-607		24 Teeth
1	Cam Sprocket	02-96	223-608A		48 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	02-96	CS-1554		Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 188 Int., 108 Degrees Lobe Separation, 0.414" Exh. Valve Lift, 0.408" Int. Valve Lift
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	02-96	HT-2011	Std Only	Hyd.; w/2 grooves
8	Lifter	02-96	HT-2011R	Std Only	Speed-Pro Hi-Revolution Hyd.
8	Lifter, Bulk	02-96	HT-2011B	Std Only	Hyd.; w/2 grooves; Carton of 117
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	01-96	KC-1554		Hyd.; (1) 55-403B; (1) CS-1554; (8) HT-2011
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
8	Push Rod	02-96	RP-3236	Std Only	9.486" O.A.L.
8	Push Rod, Bulk	02-96	BRP-3236	Std Only	Carton of 100; 9.486" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm Assy.	02-96	R-905	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm
8	Arm Assy., Bulk	02-96	R-905B	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm; Carton of 32
8	Arm	02-96	R-905A	Std Only	Stamped rocker arm
8	Bridge	02-96	MR-1840	Std Only	
8	Pivot	02-96	MR-1839	Std Only	Pivot only
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	02-00	V-4636	Std Only	1.5" Head Dia., 0.3115" Stem Dia., 4.9394" O.A.L.
4	Exhaust	99-96	V-4554	Std Only	Chrome plated stem; 1.5" Head Dia., 0.3108" Stem Dia., 4.9395" O.A.L.
4	Intake	02-00	V-4637	Std Only	1.91" Head Dia., 0.3115" Stem Dia., 4.912" O.A.L.
4	Intake	99-96	V-2527	Std-15	w/radius key groove; 1.91" Head Dia., 0.3115" Stem Dia., 4.911" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	02-96	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	02-96	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
4	Seat	02-96	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
4	Seat	02-96	245-2000-1	Std Only	Loc. Int.; 2.0055" OD, 1.75" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	00-96	VK-216	Std Only	1 groove
16	Keeper, Bulk	00-96	VK-216B	Std Only	1 groove; Carton of 1000

Dodge Truck (Incl. Minivans and SUV's)

10 (cont.)		2002 - 1996; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated				10 (cont.)	
AMC Eng.; VIN Code P							
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	00-96	H822CP	Std-20-30-60	Use w/E-924K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.		
4	Cast Piston	00-96	H823CP 20	20-30-40	Use w/E-450K or E-450X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.9307" Pin Dia.		
4	Cast Piston - Individual	00-96	WH822CP	Std-20-30	Use w/WE-924K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.		
4	Cast Piston - Individual	00-96	WH823CP 20	20-30-40	Use w/WE-450K or WE-450X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.9307" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-96	E-924K	Std-20-30	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	00-96	E-450K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Standard Set	00-96	E-450X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
4	Premium Single Cylinder Set	02-96	WE-924K	Std Only	2-1.50MM, 1-4.00MM; Premium Moly		
4	Premium Single Cylinder Set	00-96	WE-450K	Std-20-30-40-60	Check piston grooving before supplying ring set; 2-5/64, 1-3/16; Premium Moly		
4	Standard Single Cylinder Set	00-96	WE-450X	Std-20-30-40-60	Check piston grooving before supplying ring set; 2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-96	7217M	Std-10-20-30			
1	Rod Set	02-96	4-3310CPA	Std-10-20-30-40			
4	Rod Pair	02-96	3310CPA	Std-1-2-10-20-30-40-50-60			
1	Cam Set	02-96	1244M	Std-10			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-96	224-41198		Replaces pump w/cover having tab & slotted hole		
1	Pump Repair Kit	00-96	224-51198		Use w/pump having cover w/tab & slotted hole		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96	260-1710		PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96	381-8086				
1	Brass Deep Cup Freeze Plug	96	381-9030		1.750" Diameter		
1	Steel Shallow Cup Freeze Plug	96	381-2170		2.141" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-1.50mm, 1-4.00mm ring groove			Re-ring	205-6398	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-1.50mm, 1-4.00mm ring groove			Re-ring w/Mains	205-6398M	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-5/64, 1-3/16 ring groove			Re-ring	205-6369	205-1369	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-5/64, 1-3/16 ring groove			Re-ring w/Mains	205-6369M	205-1369M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master	MKP-7052	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master w/o Pistons	MK-7052	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master w/o Rods & Mains	505-7052	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6186	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Block Kit w/Oil Pump & Freeze Plugs	BKP-6186	----	
11		1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline;				11	
Naturally Aspirated Chrysler Eng.; VIN Code G							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Bal. Shaft Chain	95-91	222-2SR60		60 Links		
1	Bal. Shaft Chain Guide	95-91	222-297GP				
1	Timing Belt	95-91	222-153				
1	Timing Belt Tensioner	95-91	222-192BT				
1	Timing Belt & Tensioner Set	95-91	BTS-153				

Dodge Truck (Incl. Minivans and SUV's)

11 (cont.)	1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code G				11 (cont.)
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION
1	Bal. Shaft Sprocket	95-91	223-642		18 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	95-91	CS-785		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 194 Int., 113 Degrees Lobe Separation
1	Camshaft	95-91	CS-922		w/.020" O/S journals; Hydraulic, (050) Duration at .050 Lobe Lift, 190 Exh., 194 Int.
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	95-91	HT-2105	Std Only	Hyd. lash adj.
8	Lifter, Bulk	95-91	HT-2105B	Std Only	Hyd. lash adj.; Carton of 247
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	95-91	KC-785		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105
1	Cam/Flwr. Kit	95-91	KC-785A		(1) 55-403B; (1) CS-785; (8) R-951
1	Cam/Lifter/Flwr. Kit	95-91	KC-785C		Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951
1	Cam/Lifter/Timing Kit	95-91	KCT-785		Hyd.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105
1	Cam/Flwr./Timing Kit	95-91	KCT-785A		(1) 222-153; (1) 55-403B; (1) CS-785; (8) R-951
1	Cam/Lifter/Flwr./Timing Kit	95-91	KCT-785C		Hyd. lash adj.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm	95-91	R-951	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	95-91	V-2427	Std-15	4 groove; Chrome plated stem; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.
4	Exhaust, Bulk	95-91	V-2427B	Std Only	4 groove; Chrome plated stem; Carton of 25; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.
4	Intake	95-91	V-2428	Std Only	Chrome plated stem; 1.598" Head Dia., 0.3127" Stem Dia., 4.498" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
4	Guide	95-91	VG-700	Std Only	Loc. Exh.; .008" O/S OD; 0.3145" ID, 1.693" O.A.L
4	Guide	95-91	VG-701	Std Only	Loc. Int.; .008" O/S OD; 0.3145" ID, 1.575" O.A.L
4	Guide	95-91	VG-869	Std Only	Loc. Int.; 0.3145" ID, 1.575" O.A.L
4	Guide	95-91	VG-870	Std Only	Loc. Exh.; 0.3145" ID, 1.693" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	95-91	VS-1457	Std Only	2.225" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	95-91	MV-1919	Std Only	Umbrella type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	95-91	245-1500-63	Std Only	Loc. Exh.; 1.507" OD, 1.21" ID, 0.345" Depth
4	Seat	95-91	245-1687-51	Std Only	Loc. Int.; 1.6945" OD, 1.39" ID, 0.305" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
8	Keeper	95-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove
8	Keeper	95-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened
8	Keeper	95-91	VK-225	Std Only	Loc. Exh.; 4 groove
8	Spring Insert	95-91	259-820B	Std Only	.030"; Case hardened; Carton of 48
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	95-91	571CP	Std-50-75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.
4	Cast Piston - Individual	95-91	W571CP	Std-50-75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	95-91	E-454K	Std-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	95-91	E-454X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron
4	Premium Single Cylinder Set	95-91	WE-454K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	95-91	6678MA	Std-25-50-75MM	A-Series aluminum bearings
1	Rod Set	95-91	4-3800CPA	Std-25-50-75MM	
4	Rod Pair	95-91	3800CPA	Std-25-50-75MM	
1	Cam Set	95-91	1840M	Std Only	
1	Aux. Shaft Set	95-91	1487M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	95-91	224-4168		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	95-91	260-1427		w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.

Dodge Truck (Incl. Minivans and SUV's)

11 (cont.)		1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code G				11 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95-91	260-1616	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			
1	Head Bolt Set	95-91	260-2501	Std Only	11mm Head bolts; Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	95-91	381-8050				
1	Brass Deep Cup Freeze Plug	95-91	381-9001	1.625" Diameter			
1	Steel Shallow Cup Freeze Plug	95-91	381-2169	0.625" Diameter			
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6097	205-1097	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6097M	205-1097M	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6205	205-1205	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6205M	205-1205M	
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Master	MKP-7060	----	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons	MK-6205A	----	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons	MK-6205B	----	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons	MK-7057	----	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-7060	----	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6209	----	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6210	----	
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6209	----	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6210	----	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master	MKP-6205A	MKP-1205A	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master	MKP-6205B	MKP-1205B	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master	MKP-7059	MKP-2059	
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons	----	MK-1205A	

Dodge Truck (Incl. Minivans and SUV's)

11 (cont.)	1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code G				11 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205A
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6205B	505-1205B
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-7059	505-2059
12					
1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Bal. Shaft Chain	95-91	222-2SR60	60 Links	
1	Bal. Shaft Chain Guide	95-91	222-297GP		
1	Timing Belt	95-91	222-153		
1	Timing Belt Tensioner	95-91	222-192BT		
1	Timing Belt & Tensioner Set	95-91	BTS-153		
1	Bal. Shaft Belt Tensioner	95-91	222-1298BT		
1	Bal. Shaft Sprocket	95-91	223-642	18 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	95-91	CS-785	Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 194 Int., 113 Degrees Lobe Separation	
1	Camshaft	95-91	CS-922	w/.020" O/S journals; Hydraulic, (050) Duration at .050 Lobe Lift, 190 Exh., 194 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	95-91	HT-2105	Std Only	Hyd. lash adj.
8	Lifter, Bulk	95-91	HT-2105B	Std Only	Hyd. lash adj.; Carton of 247
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95-91	KC-785	Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr. Kit	95-91	KC-785A	(1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr. Kit	95-91	KC-785C	Hyd.; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
1	Cam/Lifter/Timing Kit	95-91	KCT-785	Hyd.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105	
1	Cam/Flwr./Timing Kit	95-91	KCT-785A	(1) 222-153; (1) 55-403B; (1) CS-785; (8) R-951	
1	Cam/Lifter/Flwr./Timing Kit	95-91	KCT-785C	Hyd. lash adj.; (1) 222-153; (1) 55-403B; (1) CS-785; (8) HT-2105; (8) R-951	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
8	Arm	95-91	R-951	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
4	Exhaust	95-91	V-2427	Std-15	4 groove; Chrome plated stem; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.
4	Exhaust, Bulk	95-91	V-2427B	Std Only	4 groove; Chrome plated stem; Carton of 25; 1.3937" Head Dia., 0.3117" Stem Dia., 4.521" O.A.L.
4	Intake	95-91	V-2428	Std Only	Chrome plated stem; 1.598" Head Dia., 0.3127" Stem Dia., 4.498" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
4	Guide	95-91	VG-700	Std Only	Loc. Exh.; .008" O/S OD; 0.3145" ID, 1.693" O.A.L
4	Guide	95-91	VG-701	Std Only	Loc. Int.; .008" O/S OD; 0.3145" ID, 1.575" O.A.L
4	Guide	95-91	VG-869	Std Only	Loc. Int.; 0.3145" ID, 1.575" O.A.L
4	Guide	95-91	VG-870	Std Only	Loc. Exh.; 0.3145" ID, 1.693" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
8	Spring	95-91	VS-1457	Std Only	2.225" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
8	Valve Stem Seal	95-91	MV-1919	Std Only	Umbrella type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
4	Seat	95-91	245-1500-63	Std Only	Loc. Exh.; 1.507" OD, 1.21" ID, 0.345" Depth
4	Seat	95-91	245-1687-51	Std Only	Loc. Int.; 1.6945" OD, 1.39" ID, 0.305" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
8	Keeper	95-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove
8	Keeper	95-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened
8	Keeper	95-91	VK-225	Std Only	Loc. Exh.; 4 groove
8	Spring Insert	95-91	259-820B	Std Only	.030"; Case hardened; Carton of 48

Dodge Truck (Incl. Minivans and SUV's)

12 (cont.)		1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				12 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	95-91	571CP	Std-50-75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.		
4	Cast Piston - Individual	95-91	W571CP	Std-50-75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.337 CD, Recessed Head .147 deep x 3.015 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9008" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-454K	Std-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Standard Set	95-91	E-454X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	95-91	WE-454K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	6678MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	95-91	4-3800CPA	Std-25-50-75MM			
4	Rod Pair	95-91	3800CPA	Std-25-50-75MM			
1	Cam Set	95-91	1840M	Std Only			
1	Aux. Shaft Set	95-91	1487M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-91	224-4168				
1	Screen Assy.	95-91	224-1568				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-91	260-1427		w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-91	260-1616		w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	95-91	260-2501	Std Only	11mm Head bolts; Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8050				
1	Brass Deep Cup Freeze Plug	95-91	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	95-91	381-2169		0.625" Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6097	205-1097
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6097M	205-1097M
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6205	205-1205
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6205M	205-1205M
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Master		MKP-7060	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons		MK-6205A	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons		MK-6205B	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons		MK-7057	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains		505-7060	----

Dodge Truck (Incl. Minivans and SUV's)

12 (cont.)	1995 - 1991; 2.5L 153 (2507cc) SOHC L4 (8 Valve), 87.5mm Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				12 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6209	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6210	----
95-91	w/Stamped steel valve cover; Head bolts incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6209	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6210	----
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-6205A	MKP-1205A
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-6205B	MKP-1205B
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master		MKP-7059	MKP-2059
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		----	MK-1205A
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-7058	MK-2058
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		----	505-1205A
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6205B	505-1205B
95-91	w/Stamped steel valve cover; Head bolts not incl.; Exh. pipe packing not incl.; Rear cam plug not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-7059	505-2059
13	2007 - 2006; 2.7L 164 (2686cc) DOHC Turbo - Intercooled L5 (20 Valve), 88mm Bore; MFI; Diesel; Turbo - Intercooled Mercedes-Benz Eng.; VIN Code 4, Eng. Code 602.984				13
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
20	Lifter	07-06	HT-2309	Std Only	New Part Number - Check for Availability
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
10	Exhaust	07-06	V-4711	Std Only	
10	Intake	07-06	V-4710	Std Only	
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	06	E977KC	Std Only	1-2.50MM, 1-2.00MM, 1-3.00MM (1 cyl. set); Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	07-06	7416M	Std Only	
5	Rod Pair	06	4945P	Std Only	
14	2005 - 2003; 2.7L 164 (2686cc) DOHC Turbo - Intercooled L5 (20 Valve), 88mm Bore; MFI; Diesel; Turbo - Intercooled Mercedes-Benz Eng.; VIN Code C, Eng. Code 602.984				14
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
20	Lifter	05-03	HT-2309	Std Only	New Part Number - Check for Availability
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
10	Exhaust	05-04	V-4711	Std Only	
10	Exhaust	03	V-4680	Std Only	
10	Intake	05-04	V-4710	Std Only	
10	Intake	03	V-4679	Std Only	

Dodge Truck (Incl. Minivans and SUV's)

14 (cont.)		2005 - 2003; 2.7L 164 (2686cc) DOHC Turbo - Intercooled L5 (20 Valve), 88mm Bore; MFI; Diesel; Turbo - Intercooled Mercedes-Benz Eng.; VIN Code C, Eng. Code 602.984				14 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
5	Piston w/Rings	05-03	13627PK	Std-.50MM	Cast; Piston rings installed on piston; 1 -, 2.50mm Groove, 1 - 2.00mm Groove, 1 - 3.00mm Groove, 42.3mm CD, Recessed Head 13.90mm deep, 30mm Pin Dia.		
5	Pin Bushing	05-03	4944Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
5	Premium Set	05-03	E977KC	Std Only	1-2.50MM, 1-2.00MM, 1-3.00MM (1 cyl. set); Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	05-03	7416M	Std Only			
1	Thrust Washer Set	05-03	4561F	Std Only			
5	Rod Pair	05-03	4945P	Std Only			
15		2000 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code 3, Eng. Code 6G72				15	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	00-91	222-139		149 Teeth		
1	Timing Belt Tensioner	00-91	222-195BT				
1	Timing Belt & Tensioner Set	00-91	BTS-139				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	00-91	HT-6000	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	00-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	00-91	R-1003	Std Only	w/Mech. lifters		
12	Arm	00-91	R-1122	Std Only	w/Rlr. lifters		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	00-91	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.		
6	Intake	00-91	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	00-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	00-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height		
12	Spring, Bulk	00-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	00	ST-2083	Std Only	Positive type, Metal Clad; (RBB) Rubber		
12	Valve Stem Seal	00-94	ST-2121	Std Only	Positive type; (RBB) Rubber; Superseded - When depleted use ST-2083		
12	Valve Stem Seal	93-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	00-97	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth		
6	Seat	00-97	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth		
6	Seat	93-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth		
6	Seat	93-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	00-91	VK-232	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	00-94	H694CP	Std-.50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston	93-91	H834CP	Std-.50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	00-94	WH694CP	Std-.50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	93-91	WH834CP	Std-.50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	00-94	6KH694CP	Std-.50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
1	Cast Piston Set w/Prem. Rings	93-91	6KH834CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00-94	E-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	93-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		

Dodge Truck (Incl. Minivans and SUV's)

15 (cont.)		2000 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code 3, Eng. Code 6G72					15 (cont.)	
BLOCK								
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION			
1	Standard Set	93-91	E-528X	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron			
6	Premium Single Cylinder Set	00-94	WE-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome			
6	Premium Single Cylinder Set	93-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	00-91	7090M	Std-.25-.50-.75MM				
1	Thrust Washer Set	00-91	1736AF	Std Only	Loc. 3			
1	Rod Set	00-91	6-1735CP	Std-.25-.50-.75MM				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	00-91	224-42000					
1	Pump Repair Kit	00-91	224-51385					
1	Screen Assy.	00-91	224-15048					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	00-99	260-1774		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	98-91	260-1432		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
1	Head Bolt Set	00-91	260-2516	Std Only	Replacement recommended			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	96-91	381-8090					
1	Brass Deep Cup Freeze Plug	96-91	381-9001		1.625" Diameter			
1	Brass Deep Cup Freeze Plug	96-91	381-9008		1.375" Diameter			
1	Brass Shallow Cup Freeze Plug	96-91	381-7152		25mm Diameter			
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
98-94	Use w/H694CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove			Re-ring		205-6434	----	
98-94	Use w/H694CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove			Re-ring w/Mains		205-6434M	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6102	205-1102	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6102M	205-1102M	
OVERHAUL KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
00-99	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings		BK-6258	----	
98-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H694CP piston			Block Kit w/Premium Rings		BK-6255	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. H834CP piston			Block Kit w/Premium Rings		BK-6254	----	
96-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H694CP piston			Block Kit w/Oil Pump & Freeze Plugs		BKP-6255	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston			Block Kit w/Oil Pump & Freeze Plugs		BKP-6254	----	
16		1992 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code S, Eng. Code 6G72					16	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	92-91	222-139		149 Teeth			
1	Timing Belt Tensioner	92-91	222-195BT					
1	Timing Belt & Tensioner Set	92-91	BTS-139					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
12	Lifter	92-91	HT-6000	Std Only	Hyd. lash adj.			
12	Lifter, Bulk	92-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
12	Arm	92-91	R-1003	Std Only	w/Mech. lifters			
12	Arm	92-91	R-1122	Std Only	w/Rlr. lifters			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
6	Exhaust	92-91	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.			
6	Intake	92-91	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			

Dodge Truck (Incl. Minivans and SUV's)

16 (cont.)		1992 - 1991; 3.0L 181.1 (2972cc) SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; VIN Code S, Eng. Code 6G72				16 (cont.)	
VALVETRAIN							
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Guide	92-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	92-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height		
12	Spring, Bulk	92-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	92-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	92-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth		
6	Seat	92-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	92-91	VK-232	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	92-91	H834CP	Std-.50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	92-91	WH834CP	Std-.50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	92-91	6KH834CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	92-91	E-528X	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
6	Premium Single Cylinder Set	92-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7090M	Std-.25-.50-.75MM			
1	Thrust Washer Set	92-91	1736AF	Std Only	Loc. 3		
1	Rod Set	92-91	6-1735CP	Std-.25-.50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	91	224-43653				
1	Pump Repair Kit	92-91	224-51385		RWD		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1839		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	92-91	260-2516	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8090				
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter		
1	Brass Deep Cup Freeze Plug	92-91	381-9008		1.375" Diameter		
1	Brass Shallow Cup Freeze Plug	92-91	381-7152		25mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6102	205-1102	
92-91	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6102M	205-1102M	
92-91	RWD; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6882	205-1882	
92-91	RWD; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6882M	205-1882M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston			Block Kit w/Premium Rings	BK-6301	----	
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6301	----	

Dodge Truck (Incl. Minivans and SUV's)

17		2008 - 2001; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code 3				17
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	03-01	KT3-388S		(1) 222-388; (1) 223-715; (1) 223-788	
1	Timing Chain	04-01	222-388		64 Links	
1	Crank Sprocket	04-01	223-715		20 Teeth	
1	Cam Sprocket	03-01	223-788		40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	07-01	CS-1590		New Part Number - Check for Availability	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	08-01	HT-2269	Std Only	Hyd. rlr.	
12	Lifter, Bulk	08-01	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	07-01	V-4684	Std Only	Chrome plated stem; 1.398" Head Dia., 0.2722" Stem Dia., 5.023" O.A.L.	
6	Intake	07-01	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	06-01	E-906K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	05-01	WE-906K	Std.-50MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-01	7278MA	Std.-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	07-01	6-1920RA	Std.-25-.50-.75MM	A-Series aluminum bearings	
6	Rod Pair	07-01	1920RA	Std.-25-.50MM	A-Series aluminum bearings	
1	Cam Set	02-01	1809M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	05-01	224-51384			
1	Screen Assy.	05-01	224-15051			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
2	Head Bolt Set	07-01	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
18		2010; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code E				18
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Intake	10	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.	
19		2007 - 1998; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code G				19
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	01-98	KT3-388S		(1) 222-388; (1) 223-715; (1) 223-788	
1	Timing Chain	01-98	222-388		64 Links	
1	Crank Sprocket	01-98	223-715		20 Teeth	
1	Cam Sprocket	01-98	223-788		40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	01	CS-1590		New Part Number - Check for Availability	
1	Camshaft	00-98	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	01-98	HT-2269	Std Only	Hyd. rlr.	
12	Lifter, Bulk	01-98	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	01-98	KC-1503		Hyd. rlr.; (1) 55-403B; (1) CS-1503; (12) HT-2269	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	01-98	RP-3279	Std Only	5.116" O.A.L.	
12	Push Rod, Bulk	01-98	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	01-98	R-1094	Std Only		
2	Rocker Shaft	01-98	RS-725	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	01	V-4684	Std Only	Chrome plated stem; 1.398" Head Dia., 0.2722" Stem Dia., 5.023" O.A.L.	
6	Exhaust	00-98	V-4582	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 5.045" O.A.L.	
6	Intake	06	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.	
6	Intake	01	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.	
6	Intake	00-98	V-4581	Std Only	1.791" Head Dia., 0.3128" Stem Dia., 5.0209" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	

Dodge Truck (Incl. Minivans and SUV's)

19 (cont.)		2007 - 1998; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code G				19 (cont.)	
VALVETRAIN							
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Guide	01-98	VG-1330	Std Only	Loc. Int. & Exh.; 0.316" ID, 2.397" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	01-98	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	01-98	ST-2015	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
12	Valve Stem Seal	01-98	MV-1919	Std Only	Loc. Int. & Exh.; Umbrella type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	01-98	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
12	Keeper	01-98	VK-225	Std Only	Loc. Exh.; 4 groove		
12	Spring Insert	01-98	259-820B	Std Only	.030"; Case hardened; Carton of 48		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	06	E-906K	Std-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	01-98	E-906K	Std-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	01-98	WE-906K	Std-.50MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-06	7278MA	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Main Set	01-98	7278MA	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	07-06	6-1920RA	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	01-98	6-1920RA	Std-.25-.50-.75MM	A-Series aluminum bearings		
6	Rod Pair	07-06	1920RA	Std-.25-.50MM	A-Series aluminum bearings		
6	Rod Pair	01-98	1920RA	Std-.25-.50MM	A-Series aluminum bearings		
1	Cam Set	01-98	1809M	Std Only			
1	Cam Set	01-98	1894M	Std Only	Spec. oil control set		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	01-98	224-51384				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00-98	260-1646		w/o Isolated valve covers; 9/32" diameter valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-98	260-1899		w/Isolated valve covers; 29/64" diameter valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	00-98	260-4030		Upper set incl.		
2	Head Bolt Set	07-06	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
2	Head Bolt Set	01-98	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98	381-8060				
1	Brass Deep Cup Freeze Plug	98	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	98	381-2169		0.625" Diameter		
20		1996 - 1994; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Natural Gas; Naturally Aspirated Chrysler Eng.; VIN Code J				20	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	95-94	KT3-388S		(1) 222-388; (1) 223-715; (1) 223-788		
1	Timing Chain	95-94	222-388		64 Links		
1	Crank Sprocket	95-94	223-715		20 Teeth		
1	Cam Sprocket	95-94	223-788		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	96-94	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	96-94	224-51384				
1	Screen Assy.	96-94	224-15051				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-94	260-1646		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	96-94	260-4030		Upper set incl.		
1	Head Bolt Set	96-94	260-2520	Std Only	Replacement recommended		

Dodge Truck (Incl. Minivans and SUV's)

20 (cont.)	1996 - 1994; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Natural Gas; Naturally Aspirated Chrysler Eng.; VIN Code J				20 (cont.)
BLOCK					
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	96-94	381-8060		
1	Brass Deep Cup Freeze Plug	96-94	381-9001	1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	96-94	381-2169	0.625" Diameter	
21 1996 - 1994; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Natural Gas; 21 Naturally Aspirated Chrysler Eng.; VIN Code P					
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	96-94	CS-1503	Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
BLOCK					
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Pump Repair Kit	96-94	224-51384		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	96-94	260-1646	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Valley Pan Gasket Set	96-94	260-4030	Upper set incl.	
1	Head Bolt Set	96-94	260-2520	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	96-94	381-8060		
1	Brass Deep Cup Freeze Plug	96-94	381-9001	1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	96-94	381-2169	0.625" Diameter	
22 2008 - 1991; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally 22 Aspirated Chrysler Eng.; VIN Code R					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	03-91	KT3-388S	(1) 222-388; (1) 223-715; (1) 223-788	
1	Timing Chain	05-91	222-388	64 Links	
1	Crank Sprocket	05-91	223-715	20 Teeth	
1	Cam Sprocket	03-91	223-788	40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	07-01	CS-1590	New Part Number - Check for Availability	
1	Camshaft	00-91	CS-1503	Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	08-91	HT-2269	Std Only	Hyd. rlr.
12	Lifter, Bulk	08-91	HT-2269B	Std Only	Hyd. rlr.; Carton of 117
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	00-91	KC-1503	Hyd. rlr.; (1) 55-403B; (1) CS-1503; (12) HT-2269	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	00-91	RP-3279	Std Only	5.116" O.A.L.
12	Push Rod, Bulk	00-91	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm	00-91	R-1094	Std Only	
2	Rocker Shaft	00-91	RS-725	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	04-01	V-4684	Std Only	Chrome plated stem; 1.398" Head Dia., 0.2722" Stem Dia., 5.023" O.A.L.
6	Exhaust	00-98	V-4582	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 5.045" O.A.L.
6	Exhaust	97-91	V-2558	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 4.974" O.A.L.
6	Intake	07-06	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.
6	Intake	04-01	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.
6	Intake	00-98	V-4581	Std Only	1.791" Head Dia., 0.3128" Stem Dia., 5.0209" O.A.L.
6	Intake	97-91	V-2557	Std Only	Chrome plated stem; 1.7913" Head Dia., 0.3127" Stem Dia., 4.949" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
12	Guide	00-98	VG-1330	Std Only	Loc. Int. & Exh.; 0.316" ID, 2.397" O.A.L.
12	Guide	96-91	VG-910	Std Only	Loc. Int. & Exh.; 0.3155" ID, 2.275" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
12	Spring	00-91	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
12	Valve Stem Seal	00-91	ST-2015	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
12	Valve Stem Seal	00-91	MV-1919	Std Only	Loc. Int. & Exh.; Umbrella type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
6	Seat	00-91	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth

Dodge Truck (Incl. Minivans and SUV's)

22 (cont.)		2008 - 1991; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code R				22 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
12	Keeper	00-91	VK-225	Std Only	Loc. Exh.; 4 groove		
12	Spring Insert	00-91	259-820B	Std Only	.030"; Case hardened; Carton of 48		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	07-98	866CP	Std-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.167 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9014" Pin Dia.		
6	Cast Piston	97-91	574CP	Std-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.		
6	Cast Piston - Individual	04-98	W866CP	Std-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.167 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9014" Pin Dia.		
6	Cast Piston - Individual	97-91	W574CP	Std-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .094 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	06-91	E-906K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	05-91	WE-906K	Std-.50MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	97-91	WE-529K	Std-50-.75MM	2-1.50MM, 1-3.00MM; When depleted use WE-906K; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-91	7278MA	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	07-91	6-1920RA	Std-.25-.50-.75MM	A-Series aluminum bearings		
6	Rod Pair	07-91	1920RA	Std-.25-.50MM	A-Series aluminum bearings		
1	Cam Set	02-91	1809M	Std Only			
1	Cam Set	00-91	1894M	Std Only	Spec. oil control set		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	05-91	224-51384				
1	Screen Assy.	04-91	224-15051				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00-98	260-1646		w/o Isolated valve covers; 9/32" diameter valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-98	260-1899		w/Isolated valve covers; 29/64" diameter valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-91	260-1646		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	00-91	260-4030		Upper set incl.		
2	Head Bolt Set	07-97	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	96-91	260-2520	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-91	381-8060				
1	Brass Deep Cup Freeze Plug	98-91	381-9001		1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	98-91	381-2169		0.625" Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6206A	----	
97-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6206AM	----	
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings		Master		MKP-6206A	----	
97-91	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings		Master w/o Pistons		MK-6206A	----	
97-91	Head bolts not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Master w/o Rods & Mains		505-6206A	----	
00-99	w/Isolated valve covers; 29/64" dia. valve cover bolt holes; Head bolts not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6227	----	
00-98	w/o Isolated valve covers; w/9/32" dia. valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6226	----	

Dodge Truck (Incl. Minivans and SUV's)

22 (cont.)	2008 - 1991; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code R					22 (cont.)
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
98-98	w/Isolated valve covers; 29/64" dia. valve cover bolt holes; Head bolts not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6227	----
97-91	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6228	----
23	2004; 3.3L 201 (3302cc) OHV V6 (12 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code S					23
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	04	222-388		64 Links	
1	Crank Sprocket	04	223-715		20 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	04	CS-1590		New Part Number - Check for Availability	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	04	HT-2269	Std Only	Hyd. rlr.	
12	Lifter, Bulk	04	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	04	V-4684	Std Only	Chrome plated stem; 1.398" Head Dia., 0.2722" Stem Dia., 5.023" O.A.L.	
6	Intake	04	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	04	E-906K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	04	WE-906K	Std.-50MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04	7278MA	Std.-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	04	6-1920RA	Std.-25-.50-.75MM	A-Series aluminum bearings	
6	Rod Pair	04	1920RA	Std.-25-.50MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	04	224-51384			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
2	Head Bolt Set	04	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
24	2006 - 2004; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 4					24
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	06-04	V-4481	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2722" Stem Dia., 4.959" O.A.L.	
12	Intake	06-04	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	04	E-907K	Std.-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	04	WE-907K	Std.-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
25	2009; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code S					25
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Intake	09	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.	
26	2010; 3.5L 215 (3518cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code V					26
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Intake	10	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.	
27	2010 - 2002; 3.7L 226 (3704cc) SOHC V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K					27
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Complete Set	03-02	KT-4002S		Incl. sprockets, chains, tensioners, arms & guides	

Dodge Truck (Incl. Minivans and SUV's)

27 (cont.)		2010 - 2002; 3.7L 226 (3704cc) SOHC V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				27 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Idler Sprocket Bushing	02	ISB1				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	10-05	HT-2308	Std Only	New Part Number - Check for Availability		
12	Lifter	05-02	HT-2271	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	05-02	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	10-02	V-4678	Std Only	3 groove; 1.457" Head Dia., 0.2722" Stem Dia., 4.539" O.A.L.		
6	Intake	10-02	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	08-02	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	07-02	H884CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head, 0.946" Pin Dia.		
6	Cast Piston	04-02	H884CP	Std-50-.75-1.00MM	Use w/E-906K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head, 0.946" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	07-02	E-906K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	07-02	WE-906K	Std-50MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	10-02	7386MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	10-02	4706F	Std Only			
1	Rod Set	10-02	6-4840A	Std-.25-.50MM	A-Series aluminum bearings		
1	Rod Set	10-02	6-4840A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Bal. Shaft Set	06-02	1895M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-02	224-43647				
1	Screen Assy.	08-02	224-15071		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	06-05	260-1960		w/Plastic valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	05	260-1959		w/Stamped steel valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	04-02	260-1959		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	07-02	381-8203				
1	Steel Block Plug Kit	07-02	381-9680				
28		2010; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code 1				28	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Intake	10	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.		
29		2008 - 1994; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code L				29	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	03-94	KT3-388S		(1) 222-388; (1) 223-715; (1) 223-788		
1	Timing Chain	04-94	222-388		64 Links		
1	Crank Sprocket	05-94	223-715		20 Teeth		
1	Cam Sprocket	03-94	223-788		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	00-94	CS-1503		Hydraulic, (050) Duration at .050 Lobe Lift, 189 Exh., 189 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	08-94	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	08-94	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	00-94	KC-1503		Hyd. rlr.; (1) 55-403B; (1) CS-1503; (12) HT-2269		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	00-94	RP-3279	Std Only	5.116" O.A.L.		
12	Push Rod, Bulk	00-94	BRP-3279	Std Only	Carton of 100; 5.116" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		

Dodge Truck (Incl. Minivans and SUV's)

29 (cont.)	2008 - 1994; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code L					29 (cont.)
VALVETRAIN						
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION	
12	Arm	00-94	R-1094	Std Only		
2	Rocker Shaft	00-94	RS-725	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	07-01	V-4684	Std Only	Chrome plated stem; 1.398" Head Dia., 0.2722" Stem Dia., 5.023" O.A.L.	
6	Exhaust	00-98	V-4582	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 5.045" O.A.L.	
6	Exhaust	97-94	V-2558	Std Only	Chrome plated stem; 1.476" Head Dia., 0.3116" Stem Dia., 4.974" O.A.L.	
6	Intake	07-01	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.	
6	Intake	00-98	V-4581	Std Only	1.791" Head Dia., 0.3128" Stem Dia., 5.0209" O.A.L.	
6	Intake	97-94	V-2557	Std Only	Chrome plated stem; 1.7913" Head Dia., 0.3127" Stem Dia., 4.949" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	00-94	VG-910	Std Only	Loc. Int. & Exh.; 0.3155" ID, 2.275" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	00-94	VS-1458	Std Only	Loc. Int. & Exh.; 1.9" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	00-94	MV-1919	Std Only	Loc. Int. & Exh.; Umbrella type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	00-94	245-1562-74	Std Only	Loc. Exh.; 1.5695" OD, 1.29" ID, 0.324" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
12	Keeper	00-94	VK-225	Std Only	Loc. Exh.; 4 groove	
12	Spring Insert	00-94	259-820B	Std Only	.030"; Case hardened; Carton of 48	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	05-01	H867CP	Std-50-.75-1.00MM	Use w/E-537K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.283 CD, Flat Head; DUROSHIELD® skirt coated piston, 22.898mm Pin Dia.	
6	Cast Piston	00-98	H867CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.283 CD, Flat Head; DUROSHIELD® skirt coated piston, 22.898mm Pin Dia.	
6	Cast Piston	97-94	803CP	Std-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .200 deep; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.	
6	Cast Piston - Individual	97-94	W803CP	Std-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .200 deep; DUROSHIELD® skirt coated piston, 0.9011" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	04-01	E-537K	Std-50-.75MM	Use w/H867CP piston; 2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	00-94	E-537K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-94	7278MA	Std-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	07-94	6-1920RA	Std-25-.50-.75MM	A-Series aluminum bearings	
6	Rod Pair	07-94	1920RA	Std-25-.50MM	A-Series aluminum bearings	
1	Cam Set	02-94	1809M	Std Only		
1	Cam Set	00-94	1894M	Std Only	Spec. oil control set	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	04-94	224-51384			
1	Screen Assy.	04-94	224-15051			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-98	260-1647		w/o Isolated valve covers; 9/32" diameter valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97-94	260-1647		Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Valley Pan Gasket Set	00-94	260-4030		Upper set incl.	
2	Head Bolt Set	07-97	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
1	Head Bolt Set	96-94	260-2520	Std Only	Replacement recommended	
KITS						
	RE-RING KIT					
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
00-98	w/o Isolated valve covers; 9/32" dia. valve cover bolt holes; Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6330	----
97-94	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6330	----
00-98	w/o Isolated valve covers; 9/32" dia. valve cover bolt holes; Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6330M	----
97-94	Head bolts not incl.; Int. manifold gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6330M	----

Dodge Truck (Incl. Minivans and SUV's)

29 (cont.)		2008 - 1994; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code L				29 (cont.)	
KITS							
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
00-98	w/o Isolated valve covers; w/9/32" dia. valve cover bolt holes; Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6231	----	
97-94	Int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6230	----	
30		2008; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code P				30	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	08	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	08	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
31		2003 - 1992; 3.9L 239 OHV V6 (12 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X				31	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	03-92	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721		
1	3 Piece Set	97-92	KT3-160S		Incl. double rlr. type chain; (1) 222-160; (1) 223-297; (1) 223-402		
1	Timing Set w/Gaskets	96-92	CTS-3001				
1	Timing Chain	02-92	222-380		Silent type; 68 Links		
1	Timing Chain	97-92	222-160		Double rlr.; 68 Links		
1	Crank Sprocket	03-92	223-721		Single row; Use w/silent type chain; 23 Teeth		
1	Crank Sprocket	97-92	223-297		Double row; 23 Teeth		
1	Cam Sprocket	03-92	223-712		Single row; Use w/silent type chain; 46 Teeth		
1	Cam Sprocket	97-92	223-402		Double row; 46 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	03-92	CS-1559		Hydraulic, (050) Duration at .050 Lobe Lift, 193 Exh., 184 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	03-92	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	03-92	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	03-92	KC-1559		Hyd. rlr.; (1) 55-403B; (1) CS-1559; (12) HT-2269		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	03-92	RP-3333	Std Only	Hole through rod; 6.9" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	03-92	R-1095	Std Only	Incl. arm & pivot		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	03-92	V-2654	Std-15	1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.		
6	Exhaust, Bulk	03-92	V-2654B 15	15	1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.		
6	Intake	03-92	V-3954	Std-15	1 groove; 1.92" Head Dia., 0.3115" Stem Dia., 4.905" O.A.L.		
6	Intake, Bulk	03-92	V-3954B 15	15	1 groove; Carton of 25; 1.92" Head Dia., 0.3265" Stem Dia., 4.905" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	97-92	VS-1456	Std Only	Conical design; 2.016" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	03-93	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
6	Valve Stem Seal	97-96	ST-2089	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	94-92	245-1625-1	Std Only	Loc. Exh.; 1.63" OD, 1.375" ID, 0.216" Depth		
6	Seat	94-92	245-1625-1N	Std Only	Loc. Exh.; Premium Material; 1.63" OD, 1.375" ID, 0.216" Depth		
6	Seat	94-92	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	94-92	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	03-92	VK-216	Std Only	1 groove		
24	Keeper, Bulk	03-92	VK-216B	Std Only	1 groove; Carton of 1000		
6	Rotocap	97-92	RC-78S	Std Only	Loc. Exh.		
6	Rotocap	97-92	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	01-92	H696CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		

Dodge Truck (Incl. Minivans and SUV's)

31 (cont.)	2003 - 1992; 3.9L 239 OHV V6 (12 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X					31 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston - Individual	01-92	WH696CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	03-92	E-641K	Std-20-30-40	2-5/64, 1-5/32; Premium Moly	
6	Premium Single Cylinder Set	03-92	WE-641K	Std Only	2-5/64, 1-5/32; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	03-92	7050MA	Std-10-20-30	A-Series aluminum bearings	
1	Main Set	03-92	7420MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD	
1	Rod Set	03-92	6-1460A	Std-10-20	A-Series aluminum bearings	
6	Rod Pair	03-92	1460A	Std-10-20	A-Series aluminum bearings	
1	Cam Set	03-92	1790M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	03-92	224-4166			
1	Oil Pump	03-92	224-4166V		High Volume, check pan for clearance	
1	Inter. Shaft	00-92	224-6166			
1	Screen Assy.	03-01	224-14239			
1	Screen Assy.	00-94	224-14239			
1	Screen Assy.	00-94	224-14277			
1	Screen Assy.	93-92	224-14239			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	03-98	260-1893		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97	260-1914		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96-92	260-1669		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	98-92	381-8061			
1	Brass Deep Cup Freeze Plug	98-92	381-9001		1.625" Diameter	
1	Brass Shallow Cup Freeze Plug	98-92	381-7110		1.250" Diameter	
1	Steel Disc Type Freeze Plug	98-92	381-1020		1.875" Diameter	
1	Steel Shallow Cup Freeze Plug	98-92	381-2189		15mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
96-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6332	----
96-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6332M	----
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. silent type chain		Master		MKP-7061	----
96-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain		Master		MKP-6365	----
96-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain		Master		MKP-6372	----
93-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain		Master		MKP-6332A	----
93-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain		Master		MKP-6371	----
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. silent type chain		Master w/o Pistons		MK-7061	----
96-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain		Master w/o Pistons		MK-6365	----
96-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain		Master w/o Pistons		MK-6372	----
93-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. rlr. type chain		Master w/o Pistons		MK-6332A	----
93-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain		Master w/o Pistons		MK-6371	----
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain		Master w/o Rods & Mains		505-7061	----

Dodge Truck (Incl. Minivans and SUV's)

31 (cont.)		2003 - 1992; 3.9L 239 OHV V6 (12 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X				31 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain			Master w/o Rods & Mains	505-6365	----	
96-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6372	----	
93-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain			Master w/o Rods & Mains	505-6332A	----	
93-92	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6371	----	
01-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6236	----	
96-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6235	----	
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Oil Pump & Freeze Plugs	BKP-6236	----	
96-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6235	----	
32		1991; 3.9L 239 OHV V6 (12 Valve), 3.9063" Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X				32	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	91	KT3-160S		Incl. double rlr. type chain; (1) 222-160; (1) 223-297; (1) 223-402		
1	3 Piece Set	91	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721		
1	Timing Chain	91	222-160		Double rlr.; 68 Links		
1	Timing Chain	91	222-380		Silent type; 68 Links		
1	Crank Sprocket	91	223-297		Double row; 23 Teeth		
1	Crank Sprocket	91	223-721		Single row; Use w/silent type chain; 23 Teeth		
1	Cam Sprocket	91	223-402		Double row; 46 Teeth		
1	Cam Sprocket	91	223-712		Single row; Use w/silent type chain; 46 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	91	CS-1501		When depleted use CS-829; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 191 Exh., 191 Int., 110 Degrees Lobe Separation		
1	Camshaft	91	CS-829		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 191 Exh., 191 Int., 110 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	91	HT-2269	Std Only	Hyd. rlr.		
12	Lifter, Bulk	91	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	91	KC-1501		Hyd. rlr.; (1) 55-403B; (1) CS-1501; (12) HT-2269; Superseded - When depleted use KC-829		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	91	RP-3277	Std Only	Hole through rod; 6.74" O.A.L.		
12	Push Rod, Bulk	91	BRP-3277	Std Only	Hole through rod; Carton of 100; 6.74" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
6	Arm	91	R-1001	Std Only	Loc. L.H.		
6	Arm	91	R-1002	Std Only	Loc. R.H.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	91	V-3951	Std Only	Chrome plated stem; 2 groove; 1.517" Head Dia., 0.3717" Stem Dia., 4.994" O.A.L.		
6	Intake	91	V-1722	Std-5-15	2 groove; 1.78" Head Dia., 0.3725" Stem Dia., 4.979" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	91	VG-5007	Std Only	Loc. Exh.; 0.3725" ID, 2.38" O.A.L.		
6	Guide	91	VG-5062	Std Only	Loc. Exh.; 0.3735" ID, 2.38" O.A.L.		
6	Guide, Bulk	91	VG-5007B	Std Only	Loc. Exh.; Carton of 50; 0.3725" ID, 2.38" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
6	Spring	91	VS-1457	Std Only	Loc. Int.; 2.225" Free Height		
6	Spring	91	VS-911	Std Only	Loc. Exh.; 1.88" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	91	ST-2089	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	91	245-1625-1	Std Only	Loc. Exh.; 1.63" OD, 1.375" ID, 0.216" Depth		
6	Seat	91	245-1625-1N	Std Only	Loc. Exh.; Premium Material; 1.63" OD, 1.375" ID, 0.216" Depth		
6	Seat	91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		

Dodge Truck (Incl. Minivans and SUV's)

32 (cont.)		1991; 3.9L 239 OHV V6 (12 Valve), 3.9063" Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code X					32 (cont.)	
VALVETRAIN								
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
24	Keeper	91	VK-216	Std Only	1 groove			
24	Keeper	91	VK-66	Std Only	2 groove			
24	Keeper	91	VK-66R	Std Only	2 groove; Hardened			
24	Keeper, Bulk	91	VK-216B	Std Only	1 groove; Carton of 1000			
6	Rotocap	91	RC-78S	Std Only	Loc. Exh.			
6	Rotocap	91	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability			
BLOCK								
QTY	PISTON	YEARS	PART NO.		DESCRIPTION			
6	Cast Piston	91	656AP	Std-20-30-40-60	2 -, 5/64 Groove, 1 - 3/16 Groove, 1.745 CD, Flat Head, .9842" Pin Dia.			
6	Cast Piston - Individual	91	W656AP	Std Only	2 -, 5/64 Groove, 1 - 3/16 Groove, 1.745 CD, Flat Head, .9842" Pin Dia.			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	91	E-536K 20	20-30-40-60	2-5/64, 1-3/16; Premium Moly			
1	Standard Set	91	E-536X	Std-30	2-5/64, 1-3/16; Iron			
6	Premium Single Cylinder Set	91	WE-536K 20	20-30	2-5/64, 1-3/16; Premium Moly			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	91	7050MA	Std-10-20-30	A-Series aluminum bearings			
1	Main Set	91	7420MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD			
1	Rod Set	91	6-1460A	Std-10-20	A-Series aluminum bearings			
6	Rod Pair	91	1460A	Std-10-20	A-Series aluminum bearings			
1	Cam Set	91	1790M	Std Only				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	91	224-4166					
1	Oil Pump	91	224-4166V		High Volume, check pan for clearance			
1	Inter. Shaft	91	224-6166					
1	Screen Assy.	91	224-14239					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	91	260-1711		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	91	381-8061					
1	Brass Deep Cup Freeze Plug	91	381-9001		1.625" Diameter			
1	Brass Shallow Cup Freeze Plug	91	381-7110		1.250" Diameter			
1	Steel Disc Type Freeze Plug	91	381-1020		1.875" Diameter			
1	Steel Shallow Cup Freeze Plug	91	381-2189		15mm Diameter			
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6331	205-1331	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6331M	205-1331M	
OVERHAUL KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master		MKP-6370	----	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Pistons		MK-6370	----	
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains		505-6370	----	
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings		BK-6234	----	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6234	----	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain			Master		MKP-6331A	MKP-1331A	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain			Master w/o Pistons		MK-6331A	MK-1331A	
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain			Master w/o Rods & Mains		505-6331A	505-1331A	
33		2010 - 2007; 4.0L 241.1 (3952cc) SOHC V6 (24 Valve), 96mm Bore; MFI; Gasoline;					33	
Naturally Aspirated Chrysler Eng.; VIN Code X								
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Intake	10-07	V-4608	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2734" Stem Dia., 4.518" O.A.L.			

Dodge Truck (Incl. Minivans and SUV's)

34		2010 - 2000; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore; MFI; Gasoline;				34	
Naturally Aspirated Chrysler Eng.; VIN Code N							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	02-00	KT-4001S		JTECH PMC's Only (3 Plug); Incl. sprockets, chains, tensioners, arms & guides		
6	Idler Sprocket Bushing	02-00	ISB1				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-08	HT-2308	Std Only	New Part Number - Check for Availability		
16	Lifter	07-00	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	07-00	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	07-00	V-4717	Std Only	Chrome plated stem; 1.4570" Head Dia., 0.2722" Stem Dia., 4.5390" O.A.L.		
8	Intake	07-00	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	09-00	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	07-06	H883CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston	05-00	H883CP	Std-50-.75-1.00MM	Use w/E-968K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston - Individual	07-06	WH883CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		
8	Cast Piston - Individual	05-00	WH883CP	Std Only	Use w/E-968K ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	10-08	E-974K	Std-25-.50MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly		
1	Premium Set	05-00	E-968K	Std-25-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	10-00	7352MA	Std-25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	10-00	4706F	Std Only			
1	Rod Set	10-00	8-4835A	Std-25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	10-00	8-4835A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-00	224-43647				
1	Screen Assy.	07-00	224-15065				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-04	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-00	260-1968		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	09-00	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	08-00	381-8202				
35		2010 - 2004; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore; MFI; Flex Fuel;				35	
Naturally Aspirated Chrysler Eng.; VIN Code P							
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-08	HT-2308	Std Only	New Part Number - Check for Availability		
16	Lifter	07-04	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	07-04	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Intake	07-04	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	09-04	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	07-06	H883CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston	07-04	H883CP	Std-50-.75-1.00MM	Use w/E-968K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston - Individual	07-06	WH883CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		

Dodge Truck (Incl. Minivans and SUV's)

35 (cont.)	2010 - 2004; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code P				35 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
8	Cast Piston - Individual	07-04	WH883CP	Std Only	Use w/E-968K ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	10-08	E-974K	Std-25-50MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly
1	Premium Set	05-04	E-968K	Std-25-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Thrust Washer Set	10-07	4706F	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	07-04	224-43647		
1	Screen Assy.	07-04	224-15065		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	07-04	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
2	Head Bolt Set	09-04	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	08-04	381-8202		
36	2007 - 2005; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore H.O.; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code J				36
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	07-05	HT-2271	Std Only	Hyd. lash adj.
16	Lifter, Bulk	07-05	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	07-05	V-4717	Std Only	Chrome plated stem; 1.4570" Head Dia., 0.2722" Stem Dia., 4.5390" O.A.L.
8	Intake	07-05	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	07-05	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	07-06	H1103CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Domed Head, 24.028mm Pin Dia.
8	Cast Piston	05	H1103CP	Std-50-75-1.00MM	Use w/E-968K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Domed Head, 24.028mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05	E-968K	Std-25-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	07-05	7352MA	Std-25-50MM	A-Series aluminum bearings
1	Thrust Washer Set	05	4706F	Std Only	
1	Rod Set	07-05	8-4835A	Std-25-50-75MM	A-Series aluminum bearings
1	Rod Set	07-05	8-4835A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	07-05	224-43647		
1	Screen Assy.	07-05	224-15065		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	07-05	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
2	Head Bolt Set	07-05	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	07-05	381-8202		
37	2003 - 1992; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Natural Gas; Naturally Aspirated Chrysler Eng.; VIN Code T				37
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	03-92	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721
1	Timing Chain	03-92	222-380		Silent type; 68 Links
1	Crank Sprocket	03-92	223-721		Single row; Use w/silent type chain; 23 Teeth
1	Cam Sprocket	03-92	223-712		Single row; Use w/silent type chain; 46 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	03-94	CS-1568		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 193 Exh., 184 Int., 112 Degrees Lobe Separation

Dodge Truck (Incl. Minivans and SUV's)

37 (cont.)		2003 - 1992; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Natural Gas; Naturally Aspirated Chrysler Eng.; VIN Code T			37 (cont.)	
VALVETRAIN						
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	93-92	CS-1558		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 259 Exh., 270 Int., 114 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	03-94	HT-2269	Std Only	Hyd. rlr.	
16	Lifter, Bulk	03-94	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	03-97	KC-1568		Hyd. rlr.; (1) 55-403B; (1) CS-1568; (16) HT-2269	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	03-97	RP-3333	Std Only	Loc. Int. & Exh.; Hole through rod; 6.9" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm Assy.	03-97	R-1095	Std Only	Loc. L.H. & R.H.; Incl. arm & pivot	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03-93	V-2654	Std-15	1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.	
8	Exhaust, Bulk	03-93	V-2654B 15	15	1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	03-93	VS-1456	Std Only	Loc. Int. & Exh.; Conical design; 2.016" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	03-97	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	03-93	VK-216	Std Only	1 groove	
16	Keeper, Bulk	03-93	VK-216B	Std Only	1 groove; Carton of 1000	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	03-97	H814CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.	
8	Cast Piston - Individual	03-97	WH814CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	03-94	E-642K	Std-20-30-40-60	2-5/64, 1-5/32; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	03-92	5095MA	Std-10-20-30	A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved	
1	Main Set	03-92	7381MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD	
1	Rod Set	03-92	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable	
1	Rod Set	03-92	8-2130CA 60	60	Unplated & resizeable	
8	Rod Pair	03-92	2130CP	Std-1-2-10-20-30-40		
1	Cam Set	03-92	1484M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	03-92	224-4166			
1	Oil Pump	03-92	224-4166V		High Volume, check pan for clearance	
1	Inter. Shaft	03-92	224-6166			
1	Screen Assy.	03-99	224-14239			
1	Screen Assy.	97	224-14277			
1	Screen Assy.	96-95	224-14239			
1	Screen Assy.	96-95	224-14277			
1	Screen Assy.	94	224-14277			
1	Screen Assy.	93-92	224-1266			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	03-97	260-1915		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96-92	260-1708		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	01-92	381-8010			
1	Steel Block Plug Kit	01-92	381-4014			
1	Brass Deep Cup Freeze Plug	01-92	381-9001		1.625" Diameter	
1	Brass Shallow Cup Freeze Plug	01-92	381-7110		1.250" Diameter	
1	Steel Disc Type Freeze Plug	01-92	381-1020		1.875" Diameter	
1	Steel Shallow Cup Freeze Plug	01-92	381-2189		15mm Diameter	

Dodge Truck (Incl. Minivans and SUV's)

38	2003 - 1992; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				38
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	03-92	KT3-380S	Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721	
1	3 Piece Set	97-92	KT3-160S	Incl. double rlr. type chain; (1) 222-160; (1) 223-297; (1) 223-402	
1	Timing Set w/Gaskets	96-92	CTS-3001		
1	Timing Chain	03-92	222-380	Silent type; 68 Links	
1	Timing Chain	97-92	222-160	Double rlr.; 68 Links	
1	Crank Sprocket	03-92	223-721	Single row; Use w/silent type chain; 23 Teeth	
1	Crank Sprocket	97-92	223-297	Double row; 23 Teeth	
1	Cam Sprocket	03-92	223-712	Single row; Use w/silent type chain; 46 Teeth	
1	Cam Sprocket	97-92	223-402	Double row; 46 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	03-94	CS-1568	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 193 Exh., 184 Int., 112 Degrees Lobe Separation	
1	Camshaft	93-92	CS-1558	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 259 Exh., 270 Int., 114 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	03-92	HT-2269	Std Only	Hyd. rlr.
16	Lifter, Bulk	03-92	HT-2269B	Std Only	Hyd. rlr.; Carton of 117
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	03-94	KC-1568	Hyd. rlr.; (1) 55-403B; (1) CS-1568; (16) HT-2269	
1	Cam/Lifter Kit	93-92	KC-1558	Hyd. rlr.; (1) 55-403B; (1) CS-1558; (16) HT-2269	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	03-92	RP-3333	Std Only	Hole through rod; 6.9" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	03-92	R-1095	Std Only	Loc. L.H. & R.H.; Incl. arm & pivot
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	03-92	V-2654	Std-15	1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.
8	Exhaust, Bulk	03-92	V-2654B 15	15	1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.
8	Intake	03-92	V-3954	Std-15	Radius shaped key groove; 1 groove; 1.92" Head Dia., 0.3115" Stem Dia., 4.905" O.A.L.
8	Intake, Bulk	03-92	V-3954B 15	15	Radius shaped key groove; 1 groove; Carton of 25; 1.92" Head Dia., 0.3265" Stem Dia., 4.905" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	96-92	VS-1456	Std Only	Loc. Int. & Exh.; Conical design; 2.016" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	03-93	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
16	Valve Stem Seal	94-92	ST-2002	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Installation requires valve guide machining; (PLY) Polyacrylate
16	Valve Stem Seal Bulk	94-92	ST-2002BC	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	03-92	245-1687-16	Std Only	Loc. Exh.; 1.6925" OD, 1.4375" ID, 0.186" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	03-92	VK-216	Std Only	Radius shaped key groove; w/.312" stem dia.; 1 groove
32	Keeper	94-92	VK-138	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Carton pack 32
32	Keeper	94-92	VK-138A	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Carton pack 24
32	Keeper	94-92	VK-138R	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Hardened
32	Keeper	94-92	VK-174	Std Only	4 groove
32	Keeper	94-92	VK-174R	Std Only	4 groove; Hardened
32	Keeper	94-92	VK-66	Std Only	2 groove
32	Keeper	94-92	VK-66R	Std Only	2 groove; Hardened
32	Keeper, Bulk	03-92	VK-216B	Std Only	Radius shaped key groove; w/.312" stem dia.; 1 groove; Carton of 1000
32	Keeper, Bulk	94-92	VK-138B	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	94-92	259-103B	Std Only	.030"; ID 1.030"; Carton of 100
16	Spring Insert	94-92	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500
16	Spring Insert	94-92	259-103C	Std Only	.015"; ID 1.030"; Carton of 100
16	Spring Insert	94-92	259-103A	Std Only	.060"; ID 1.030"; Carton of 100
16	Spring Insert	94-92	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500
8	Rotocap	94-92	RC-78S	Std Only	Loc. Exh.
8	Rotocap	94-92	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	03-92	H814CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
8	Cast Piston - Individual	03-92	WH814CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.

Dodge Truck (Incl. Minivans and SUV's)

38 (cont.)		2003 - 1992; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				38 (cont.)	
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-92	E-642K	Std-20-30-40-60	2-5/64, 1-5/32; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-92	5095MA	Std-10-20-30	A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved		
1	Main Set	03-92	7381MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD		
1	Rod Set	03-92	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable		
1	Rod Set	01-92	8-2130CP 10X2	10X2	Use in .002" O/S Rod Bore		
1	Rod Set	03-92	8-2130CA 60	60	Unplated & resizeable		
8	Rod Pair	03-92	2130CP	Std-1-2-10-20-30-40			
1	Cam Set	03-92	1484M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	03-92	224-4166				
1	Oil Pump	03-92	224-4166V		High Volume, check pan for clearance		
1	Inter. Shaft	03-92	224-6166				
1	Screen Assy.	01	224-14277				
1	Screen Assy.	00	224-14239				
1	Screen Assy.	00	224-14277				
1	Screen Assy.	99	224-14239				
1	Screen Assy.	99	224-14277				
1	Screen Assy.	98	224-14239				
1	Screen Assy.	98	224-14277				
1	Screen Assy.	97	224-14239				
1	Screen Assy.	97	224-14277				
1	Screen Assy.	96-94	224-14239				
1	Screen Assy.	96-94	224-14277				
1	Screen Assy.	93-92	224-1266				
1	Screen Assy.	93-92	224-14239				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	03-97	260-1915		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96-92	260-1708		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	01-92	381-8010				
1	Steel Block Plug Kit	01-92	381-4014				
1	Brass Deep Cup Freeze Plug	01-92	381-9001		1.625" Diameter		
1	Brass Shallow Cup Freeze Plug	01-92	381-7110		1.250" Diameter		
1	Steel Disc Type Freeze Plug	01-92	381-1020		1.875" Diameter		
1	Steel Shallow Cup Freeze Plug	01-92	381-2189		15mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6334	----	
96-92	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 brg. full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6334M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-94	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master	MKP-6366	----	
93-92	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master	MKP-6334	----	
93-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain; Incl. A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved			Master	MKP-7067	----	
96-94	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Pistons	MK-6366	----	
96-92	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Cam/lifter kit not incl.; Incl. silent type chain			Master w/o Pistons	MK-6334	----	

Dodge Truck (Incl. Minivans and SUV's)

38 (cont.)	2003 - 1992; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				38 (cont.)	
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
93-92	Incl. A-Series aluminum bearings; w/3.530" max. flange OD; Pos. 1 brg. full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Pistons	MK-7067	----
96-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6366	----
96-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Cam/lifter kit not incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6334	----
93-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-7067	----
96-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved			Block Kit w/Premium Rings	BK-6239	----
96-92	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6239	----
39	1991; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				39	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	91	KT3-160S		Incl. double rlr. type chain; (1) 222-160; (1) 223-297; (1) 223-402	
1	3 Piece Set	91	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721	
1	Timing Set w/Gaskets	91	CTS-3002		Incl. double rlr. type chain	
1	Timing Chain	91	222-160		Double rlr.; 68 Links	
1	Timing Chain	91	222-380		Silent type; 68 Links	
1	Crank Sprocket	91	223-297		Double row; 23 Teeth	
1	Crank Sprocket	91	223-721		Single row; Use w/silent type chain; 23 Teeth	
1	Cam Sprocket	91	223-402		Double row; 46 Teeth	
1	Cam Sprocket	91	223-712		Single row; Use w/silent type chain; 46 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	91	HT-2269	Std Only	Hyd. rlr.	
16	Lifter, Bulk	91	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	91	RP-3277	Std Only	Hole through rod; 6.74" O.A.L.	
16	Push Rod, Bulk	91	BRP-3277	Std Only	Hole through rod; Carton of 100; 6.74" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
8	Arm	91	R-1001	Std Only	Loc. L.H.	
8	Arm	91	R-1002	Std Only	Loc. R.H.	
2	Rocker Shaft	91	RS-626	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	91	V-3951	Std Only	w/Rotators; Chrome plated stem; 2 groove; 1.517" Head Dia., 0.3717" Stem Dia., 4.994" O.A.L.	
8	Intake	91	V-1722	Std-5-15	2 groove; 1.78" Head Dia., 0.3725" Stem Dia., 4.979" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-1457	Std Only	Loc. Int.; 2.225" Free Height	
8	Spring	91	VS-911	Std Only	Loc. Exh.; w/Rotators; 1.88" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	91	ST-2002	Std Only	Loc. Int. & Exh.; Exc. Engs. w/double valve springs; Installation requires valve guide machining; (PLY) Polyacrylate	
16	Valve Stem Seal	91	ST-2089	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal Bulk	91	ST-2002BC	Std Only	Loc. Int. & Exh.; Exc. Engs. w/double valve springs; Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	91	245-1625-2	Std Only	Loc. Exh.; Use w/V-2029, V-2154, V-3951 & V-2141; 1.63" OD, 1.375" ID, 0.248" Depth	
8	Seat	91	245-1625-2N	Std Only	Loc. Exh.; Use w/V-2029, V-2154, V-3951 & V-2141; Premium Material; 1.63" OD, 1.375" ID, 0.248" Depth	
8	Seat	91	245-1812-2	Std Only	Loc. Int.; Use w/V-1722; 1.8175" OD, 1.5" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	91	VK-138	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Carton pack 32	
32	Keeper	91	VK-138A	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Carton pack 24	
32	Keeper	91	VK-138R	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Hardened	
32	Keeper	91	VK-174	Std Only	4 groove	
32	Keeper	91	VK-174R	Std Only	4 groove; Hardened	
32	Keeper	91	VK-66	Std Only	2 groove	

Dodge Truck (Incl. Minivans and SUV's)

39 (cont.)		1991; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				39 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION		
32	Keeper	91	VK-66R	Std Only	2 groove; Hardened		
32	Keeper, Bulk	91	VK-138B	Std Only	w/.371" stem dia.; 1 groove; Square cut key groove; Carton of 1000		
16	Spring Insert	91	259-103A	Std Only	.060"; ID 1.030"; Carton of 100		
16	Spring Insert	91	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500		
16	Spring Insert	91	259-103B	Std Only	.030"; ID 1.030"; Carton of 100		
16	Spring Insert	91	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500		
16	Spring Insert	91	259-103C	Std Only	.015"; ID 1.030"; Carton of 100		
8	Rotocap	91	RC-78S	Std Only	Loc. Exh.		
8	Rotocap	91	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	91	526AP	Std-20-30-40-60	2 -, 5/64 Groove, 1 - 3/16 Groove, 1.754 CD, Flat Head -9.0:1 C.R., .9824" Pin Dia.		
8	Cast Piston - Individual	91	W526AP	Std-40	2 -, 5/64 Groove, 1 - 3/16 Groove, 1.754 CD, Flat Head -9.0:1 C.R., .9824" Pin Dia.		
8	Cast Piston - Individual	91	W526P	Std-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.745 CD, Flat Head -9.0:1 C.R., 0.9842" Pin Dia.; Superseded - When depleted use W526AP		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	91	E-178K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Standard Set	91	E-178X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	91	WE-178K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
8	Standard Single Cylinder Set	91	WE-178X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	5095MA	Std-10-20-30	A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved		
1	Main Set	91	7381MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD		
1	Rod Set	91	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable		
1	Rod Set	91	8-2130CP 10X2	10X2	Use in .002" O/S Rod Bore		
1	Rod Set	91	8-2130CA 60	60	Unplated & resizeable		
8	Rod Pair	91	2130CP	Std-1-2-10-20-30-40			
1	Cam Set	91	1484M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	91	224-4166				
1	Oil Pump	91	224-4166V		High Volume, check pan for clearance		
1	Inter. Shaft	91	224-6166				
1	Screen Assy.	91	224-1266				
1	Screen Assy.	91	224-14239				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	91	260-1707		Head bolts not incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	91	381-8010				
1	Steel Block Plug Kit	91	381-4014				
1	Brass Deep Cup Freeze Plug	91	381-9001		1.625" Diameter		
1	Brass Shallow Cup Freeze Plug	91	381-7110		1.250" Diameter		
1	Steel Disc Type Freeze Plug	91	381-1020		1.875" Diameter		
1	Steel Shallow Cup Freeze Plug	91	381-2189		15mm Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
91-91	Premium valve stem seals incl.			Re-ring		205-6333	205-1333
91-91	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; Premium valve stem seals incl.			Re-ring w/Mains		205-6333M	205-1333M
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
91-91	Premium valve stem seals incl.; Incl. A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved			Block Kit w/Premium Rings		BK-6238	----
91-91	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6238	----
40		2008 - 2006; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 2				40	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	08-06	V-4682	Std Only	Chrome plated stem; 1.551" Head Dia., 0.3126" Stem Dia., 4.844" O.A.L.		
8	Intake	08-06	V-4709	Std Only	Chrome plated stem; 2" Head Dia., 0.3128" Stem Dia., 4.929" O.A.L.		

Dodge Truck (Incl. Minivans and SUV's)

40 (cont.)	2008 - 2006; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 2					40 (cont.)
BLOCK						
QTY	PISTON	YEARS	PART NO.	DESCRIPTION		
8	Cast Piston	06	H899CT	Std-25-.50-.75-1.00-1.50 MM	Hypereutectic; 1 - 1.50 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.205 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 24.016mm Pin Dia.	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	08-06	224-43665			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	06	260-1957	Head bolts not incl.; RTV sealant incl. for thermostat gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
41 2008 - 2007; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; 41 Naturally Aspirated Chrysler Eng.; VIN Code 8						
BLOCK						
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	08-07	224-43665			
42 2008 - 2003; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; 42 Naturally Aspirated Chrysler Eng.; VIN Code D						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
8	Exhaust	08-03	V-4682	Std Only	Chrome plated stem; 1.551" Head Dia., 0.3126" Stem Dia., 4.844" O.A.L.	
8	Intake	06-03	V-4709	Std Only	Chrome plated stem; 2" Head Dia., 0.3128" Stem Dia., 4.929" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.	DESCRIPTION		
8	Cast Piston	06-03	H899CT	Std-25-.50-.75-1.00-1.50 MM	Hypereutectic; 1 - 1.50 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.205 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 24.016mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION		
1	Premium Set	05-03	E-975K	Std-.50-.75-1.00MM	1-1.50MM, 1-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION		
1	Main Set	08-03	7419M	Std-.25-.50MM		
1	Thrust Washer Set	08-03	4961F	Std Only		
1	Rod Set	08-03	8-4960P	Std-.25-.50MM		
1	Cam Set	07-03	1920M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	08-03	224-43665			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	06-03	260-1957	Head bolts not incl.; RTV sealant incl. for thermostat gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
43 1991; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (12 Valve), 102mm Bore; MFI; 43 Diesel; Turbo - Intercooled Cummins Eng.; VIN Code 8, Eng. Code 6BTA5.9						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION		
12	Lifter	91	HT-2302	Std Only	Mech.; 2.3675" O.A.L.; Push Rod Socket Depth .672"	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION		
12	Push Rod	91	RP-3317	Std Only	11.022" O.A.L.	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
6	Exhaust	91	V-4384	Std Only	Chrome plated stem; 1.654" Head Dia., 0.3138" Stem Dia., 5.081" O.A.L.	
6	Intake	91	V-4385	Std Only	Chrome plated stem; 1.772" Head Dia., 0.3138" Stem Dia., 5.084" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION		
12	Guide	91	VG-1325	Std Only	Loc. Int. & Exh.; 7/16" OD; 0.3162" ID, 2.5" O.A.L.	
6	Guide	91	VG-1330	Std Only	Loc. Int.; 0.316" ID, 2.397" O.A.L.	
6	Guide	91	VG-1331	Std Only	Loc. Exh.; 0.316" ID, 2.052" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION		
12	Spring	91	VS-1553	Std Only	2.2" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION		
6	Seat	91	245-1722-E1	Std Only	Loc. Exh.; 1.722" OD, 1.357" ID, 0.265" Depth	
6	Seat	91	245-1750-7	Std Only	Loc. Exh.; Universal size for heads w/o O.E. insert; 1.75" OD, 1.375" ID, 0.2188" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION		
24	Keeper	91	VK-286	Std Only		

Dodge Truck (Incl. Minivans and SUV's)

43 (cont.)		1991; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (12 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code 8, Eng. Code 6BTA5.9				43 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	91	2743PN	Std-50-1.00MM	Cast; 1 - , 3.00mm Groove, 1 - 2.36mm Groove, 1 - 4.00mm Groove, 2.815 CD, Recessed Head .700 deep x 2.430 dia. - 17.5:1 C.R.; Repl. O.E. No. 3907163, 1.575" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
6	Premium Set	91	E-623KC	Std-50-1.00MM	1-3.00MM, 1-2.36MM, 1-4.00MM (1 cyl. set); Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	7216M	Std-25-50MM			
1	Rod Set	91	6-4205CP	Std-25-50-75MM			
6	Rod Pair	91	4205CP	Std-25-50-75MM			
1	Cam Brg.	91	4206DR	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	91	224-43633				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	91	260-1527		Head bolts not incl.; Incl. std. .061" thickness head gskt.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. std. .061" thickness head gskt.			Re-ring		205-6187	----
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. std. .061" thickness head gskt.			Re-ring w/Mains		205-6187M	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. std. .061" thickness head gskt.			Block Kit w/Premium Rings		BK-6246	----
44		1996 - 1991; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (12 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code C, Eng. Code 6BTA5.9				44	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	96-91	HT-2302	Std Only	Mech.; 2.3675" O.A.L.; Push Rod Socket Depth .672"		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	93-91	RP-3317	Std Only	11.022" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	96-91	V-4384	Std Only	Chrome plated stem; 1.654" Head Dia., 0.3138" Stem Dia., 5.081" O.A.L.		
6	Intake	96-91	V-4385	Std Only	Chrome plated stem; 1.772" Head Dia., 0.3138" Stem Dia., 5.084" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	96-91	VG-1325	Std Only	Loc. Int. & Exh.; 7/16" OD; 0.3162" ID, 2.5" O.A.L		
6	Guide	96-91	VG-1330	Std Only	Loc. Int.; 0.316" ID, 2.397" O.A.L		
6	Guide	96-91	VG-1331	Std Only	Loc. Exh.; 0.316" ID, 2.052" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	96-91	VS-1553	Std Only	2.2" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	96-94	ST-2090	Std Only	Positive type; (V) Fluoroelastomer		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	96-91	245-1722-E1	Std Only	Loc. Exh.; 1.722" OD, 1.357" ID, 0.265" Depth		
6	Seat	96-91	245-1750-7	Std Only	Loc. Exh.; Universal size for heads w/o O.E. insert; 1.75" OD, 1.375" ID, 0.2188" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	96-91	VK-286	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	91	2744PN	Std-50-1.00MM	Cast; 1 - , 3.00mm Groove, 1 - 2.36mm Groove, 1 - 4.00mm Groove, 2.815 CD, Recessed Head .685 deep x 2.520 dia. - 16.5:1 C.R.; Repl. O.E. No. 3907156, 1.575" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
6	Premium Set	96-91	E-623KC	Std-50-1.00MM	1-3.00MM, 1-2.36MM, 1-4.00MM (1 cyl. set); Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-91	7216M	Std-25-50MM			
1	Rod Set	96-91	6-4205CP	Std-25-50-75MM			
6	Rod Pair	96-91	4205CP	Std-25-50-75MM			
1	Cam Brg.	96-91	4206DR	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		

Dodge Truck (Incl. Minivans and SUV's)

44 (cont.)		1996 - 1991; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (12 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code C, Eng. Code 6BTA5.9				44 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	96-91	224-43633				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	93-91	260-1527	Head bolts not incl.; Incl. std. .061" thickness head gskt.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT		YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.		
93-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. std. .061" thickness head gskt.		Re-ring	205-6187	----		
93-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. std. .061" thickness head gskt.		Re-ring w/Mains	205-6187M	----		
OVERHAUL KIT		YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.		
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. std. .061" thickness head gskt.		Block Kit w/Premium Rings	BK-6246	----		
45		1999 - 1997; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (12 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code D, Eng. Code 6BTA5.9				45	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
12	Lifter	98-97	HT-2302	Std Only	Mech.; 2.3675" O.A.L.; Push Rod Socket Depth .672"		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
6	Exhaust	98-97	V-4384	Std Only	Chrome plated stem; 1.654" Head Dia., 0.3138" Stem Dia., 5.081" O.A.L.		
6	Intake	98-97	V-4385	Std Only	Chrome plated stem; 1.772" Head Dia., 0.3138" Stem Dia., 5.084" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
12	Guide	98-97	VG-1325	Std Only	Loc. Int. & Exh.; 7/16" OD; 0.3162" ID, 2.5" O.A.L.		
6	Guide	98-97	VG-1330	Std Only	Loc. Int.; 0.316" ID, 2.397" O.A.L.		
6	Guide	98-97	VG-1331	Std Only	Loc. Exh.; 0.316" ID, 2.052" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
12	Spring	98-97	VS-1658	Std Only	2.39" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
12	Valve Stem Seal	98-97	ST-2090	Std Only	Positive type; (V) Fluoroelastomer		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
6	Seat	98-97	245-1722-E1	Std Only	Loc. Exh.; 1.722" OD, 1.357" ID, 0.265" Depth		
6	Seat	98-97	245-1750-7	Std Only	Loc. Exh.; Universal size for heads w/o O.E. insert; 1.75" OD, 1.375" ID, 0.2188" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
24	Keeper	98-97	VK-286	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
6	Premium Set	98-97	E-623KC	Std-50-1.00MM	1-3.00MM, 1-2.36MM, 1-4.00MM (1 cyl. set); Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	99-97	7216M	Std-25-50MM			
1	Rod Set	99-97	6-4205CP	Std-25-50-75MM			
6	Rod Pair	99-97	4205CP	Std-25-50-75MM			
1	Cam Brg.	98-97	4207DR	Std Only			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	99-97	224-43633				
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Stainless Block Plug Kit	99-98	381-9677				
46		2005 - 1998; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (24 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code 6, Eng. Code 6BTA5.9				46	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
12	Lifter	04-02	AT-2086	Std Only	2.123" O.A.L.; Push Rod Socket Depth .435"; New Part Number - Check for Availability		
12	Lifter	03-98	AT-2085	Std Only	2.240" O.A.L.; Push Rod Socket Depth .552"		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
12	Exhaust Valve Kit	04-98	V-4672K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.8930" O.A.L.		
12	Exhaust	04-98	V-4672	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.893" O.A.L.		
12	Intake Valve Kit	04-98	V-4671K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.9070" O.A.L.		
12	Intake	04-98	V-4671	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.907" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			

Dodge Truck (Incl. Minivans and SUV's)

46 (cont.)		2005 - 1998; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (24 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code 6, Eng. Code 6BTA5.9				46 (cont.)	
VALVETRAIN							
QTY	VALVE SPRING (cont.)	YEARS	PART NO.		DESCRIPTION		
24	Spring	04-98	VS-1657	Std Only			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	04-98	VK-294	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-03	2775PNA	Std Only	Use w/E-984KC ring set; New Part Number - Check for Availability		
6	Cast Piston	02-98	2774PNA	Std Only	Use w/E-983KC ring set; New Part Number - Check for Availability		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
6	Premium Set	04-03	E-984KC	Std Only	Premium Chrome.; New Part Number - Check for Availability		
6	Premium Set	02-98	E-983KC	Std Only	Premium Chrome.; New Part Number - Check for Availability		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-98	7216M	Std.-25-50MM			
1	Rod Set	02-98	6-4205CP	Std.-25-50-.75MM			
6	Rod Pair	02-98	4205CP	Std.-25-50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-98	224-43633				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-98	260-1970		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Stainless Block Plug Kit	05-98	381-9677				
47		2004 - 1998; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (24 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code 7, Eng. Code 6BTA5.9				47	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	02	AT-2086	Std Only	2.123" O.A.L.; Push Rod Socket Depth .435"; New Part Number - Check for Availability		
12	Lifter	02-98	AT-2085	Std Only	2.240" O.A.L.; Push Rod Socket Depth .552"		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust Valve Kit	04-98	V-4672K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.8930" O.A.L.		
12	Exhaust	04-98	V-4672	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.893" O.A.L.		
12	Intake Valve Kit	04-98	V-4671K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.9070" O.A.L.		
12	Intake	04-98	V-4671	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.907" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	04-98	VK-294	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-03	2775PNA	Std Only	Use w/E-984KC ring set; New Part Number - Check for Availability		
6	Cast Piston	02-98	2774PNA	Std Only	Use w/E-983KC ring set; New Part Number - Check for Availability		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
6	Premium Set	04-03	E-984KC	Std Only	Premium Chrome.; New Part Number - Check for Availability		
6	Premium Set	02-98	E-983KC	Std Only	Premium Chrome.; New Part Number - Check for Availability		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-98	7216M	Std.-25-50MM			
1	Rod Set	02-98	6-4205CP	Std.-25-50-.75MM			
6	Rod Pair	02-98	4205CP	Std.-25-50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-98	224-43633				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-98	260-1970		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Stainless Block Plug Kit	04-98	381-9677				
48		2009 - 2002; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (24 Valve), 102mm Bore H.O.; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code C, Eng. Code 6BTA5.9				48	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	09-02	AT-2086	Std Only	2.123" O.A.L.; Push Rod Socket Depth .435"; New Part Number - Check for Availability		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust Valve Kit	06-02	V-4672K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.8930" O.A.L.		
12	Exhaust	09-07	V-4714	Std Only			

Dodge Truck (Incl. Minivans and SUV's)

48 (cont.)	2009 - 2002; 5.9L 359 (5882cc) OHV Turbo - Intercooled L6 (24 Valve), 102mm Bore H.O.; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code C, Eng. Code 6BTA5.9				48 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
12	Exhaust	06-02	V-4672	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.893" O.A.L.
12	Intake Valve Kit	09-07	V-4671K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.9070" O.A.L.
12	Intake Valve Kit	04-02	V-4671K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.9070" O.A.L.
12	Intake	09-07	V-4671	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.907" O.A.L.
12	Intake	04-02	V-4671	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.907" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
24	Spring	07-05	VS-1657	Std Only	Loc. Int. & Exh.
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
48	Keeper	09-02	VK-294	Std Only	
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	07-05	2777PNA	Std Only	Use w/E-984KC ring set
6	Cast Piston	04	2776PNA	Std Only	To 01/04/2004; Use w/E-984KC ring set; New Part Number - Check for Availability
6	Cast Piston	04	2777PNA	Std Only	From 01/05/2004; Use w/E-984KC ring set
6	Cast Piston	03	2776PNA	Std Only	Use w/E-984KC ring set; New Part Number - Check for Availability
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
6	Premium Set	09-05	E-984KC	Std Only	Premium Chrome.; New Part Number - Check for Availability
6	Premium Set	04	E-984KC	Std Only	To 01/04/2007; Premium Chrome.; New Part Number - Check for Availability
6	Premium Set	03	E-984KC	Std Only	Premium Chrome.; New Part Number - Check for Availability
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	08-02	7216M	Std.-25- 50MM	
1	Rod Set	02	6-4205CP	Std.-25-50-.75MM	
6	Rod Pair	02	4205CP	Std.-25-50-.75MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	02	224-43633		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	02	260-1970		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Stainless Block Plug Kit	06-02	381-9677		
49	2002 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				49
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	02-93	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721
1	Timing Chain	02-93	222-380		Silent type; 68 Links
1	Crank Sprocket	02-93	223-721		Single row; Use w/silent type chain; 23 Teeth
1	Cam Sprocket	02-93	223-712		Single row; Use w/silent type chain; 46 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	97-93	CS-1558		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 259 Exh., 270 Int., 114 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	02-93	HT-2269	Std Only	Hyd. rlr.
16	Lifter, Bulk	02-93	HT-2269B	Std Only	Hyd. rlr.; Carton of 117
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	97-93	KC-1558		Hyd. rlr.; (1) 55-403B; (1) CS-1558; (16) HT-2269
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	02-93	RP-3333	Std Only	Hole through rod; 6.9" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm Assy.	02-93	R-1095	Std Only	Loc. L.H. & R.H.; Incl. arm & pivot
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	02-93	V-2654	Std-15	Radius shaped key groove; 1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.
8	Exhaust, Bulk	02-93	V-2654B 15	15	Radius shaped key groove; 1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.
8	Intake	02-93	V-3954	Std-15	Radius shaped key groove; 1 groove; 1.92" Head Dia., 0.3115" Stem Dia., 4.905" O.A.L.
8	Intake, Bulk	02-93	V-3954B 15	15	Radius shaped key groove; 1 groove; Carton of 25; 1.92" Head Dia., 0.3265" Stem Dia., 4.905" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	97-93	VS-1456	Std Only	Loc. Int. & Exh.; Conical design; 2.016" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION

Dodge Truck (Incl. Minivans and SUV's)

49 (cont.)		2002 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				49 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-96	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
16	Valve Stem Seal	97-93	ST-2002	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Installation requires valve guide machining; (PLY) Polyacrylate		
16	Valve Stem Seal	95	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
16	Valve Stem Seal Bulk	97-93	ST-2002BC	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	02-93	VK-216	Std Only	1 groove		
16	Keeper, Bulk	02-93	VK-216B	Std Only	1 groove; Carton of 1000		
16	Spring Insert	97-93	259-103A	Std Only	.060"; ID 1.030"; Carton of 100		
16	Spring Insert	97-93	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500		
16	Spring Insert	97-93	259-103B	Std Only	.030"; ID 1.030"; Carton of 100		
16	Spring Insert	97-93	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500		
16	Spring Insert	97-93	259-103C	Std Only	.015"; ID 1.030"; Carton of 100		
8	Rotocap	97-93	RC-78S	Std Only	Loc. Exh.		
8	Rotocap	97-93	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	02-94	H655CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		
8	Cast Piston	93	405CP 60	60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		
8	Cast Piston	93	405P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.		
8	Cast Piston - Individual	02-94	WH655CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		
8	Cast Piston - Individual	93	W405P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	02-94	8KH655CP .50MM	.50-.75MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	93	8K405P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.		
1	Cast Piston Set w/Econ. Rings	93	8X405P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-94	E-908K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	93	E-251K	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Premium Set	93	E-251KC	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Chrome		
1	Standard Set	93	E-251X	Std-10-20-30-40-60-80	2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	93	WE-251K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
8	Premium Single Cylinder Set	93	WE-251KC	Std-20-30-40-60	2-5/64, 1-3/16; Premium Chrome		
8	Standard Single Cylinder Set	93	WE-251X	Std-20-30-40-60-80	2-5/64, 1-3/16; Iron		
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION		
1	Repair Sleeve	97-93	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"		
1	Repair Sleeve	97-93	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-93	4999MA	Std-1-10-20-30	A-Series aluminum bearings; w/3.910" max. flange OD		
1	Main Set	00-96	120M	Std-10	Race Performance; 3/4 grooved; Tri-metal copper-lead; w/3.910" max. flange OD		
1	Main Set	95-94	120M	Std-10	Race Performance; 3/4 grooved; Tri-metal copper-lead; w/3.910" max. flange OD		
1	Main Set	93	120M	Std-10	Race Performance; 3/4 grooved; Tri-metal copper-lead; w/3.910" max. flange OD		
1	Rod Set	02-93	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable		
1	Rod Set	02-93	8-2130CP 10X2	10X2	Use in .002" O/S Rod Bore		
1	Rod Set	00-95	8-7125CH	Std-10	Race Performance		
1	Rod Set	94	8-7125CH	Std-10	Race Performance		
1	Rod Set	93	8-7125CH	Std-10	Race Performance		
1	Rod Set	02-93	8-2130CA 60	60	Unplated & resizeable		
8	Rod Pair	02-93	2130CP	Std-1-2-10-20-30-40			
8	Rod Pair	00-95	7125CH	Std Only	Race Performance		
8	Rod Pair	94	7125CH	Std Only	Race Performance		
8	Rod Pair	93	7125CH	Std Only	Race Performance		

Dodge Truck (Incl. Minivans and SUV's)

49 (cont.)	2002 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				49 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Cam Set	02-93	1484M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	02-93	224-4166		
1	Oil Pump	02-93	224-4166V	High Volume, check pan for clearance	
1	Inter. Shaft	00-93	224-6166		
1	Screen Assy.	02-97	224-14277		
1	Screen Assy.	96	224-1266		
1	Screen Assy.	96	224-14277		
1	Screen Assy.	95-94	224-14277		
1	Screen Assy.	93	224-1266		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	02-98	260-1865	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97	260-1864	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96-93	260-1723	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	02-93	381-8010		
1	Steel Block Plug Kit	02-93	381-4014		
1	Brass Deep Cup Freeze Plug	02-93	381-9001	1.625" Diameter	
1	Brass Shallow Cup Freeze Plug	02-93	381-7110	1.250" Diameter	
1	Steel Disc Type Freeze Plug	02-93	381-1020	1.875" Diameter	
1	Steel Shallow Cup Freeze Plug	02-93	381-2189	15mm Diameter	
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring		205-6378B	----
97-97	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring		205-6378	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.	Re-ring		205-6378A	----
96-94	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring		205-6378	----
93-93	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring		205-6852	----
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD	Re-ring w/Mains		205-6378BM	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD	Re-ring w/Mains		205-6378AM	----
97-97	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6378M	----
96-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6378M	----
93-93	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6852M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
97-97	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master		MKP-6378	----
96-96	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master		MKP-6378	----
95-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master		MKP-6378	----
97-97	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master w/o Pistons		MK-6378	----
96-96	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master w/o Pistons		MK-6378	----

Dodge Truck (Incl. Minivans and SUV's)

49 (cont.)		2002 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				49 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Pistons	MK-6378	----	
93-93	Incl. A-Series aluminum bearings; w/3.910" max. flange OD; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Pistons	MK-7069	----	
97-97	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6378	----	
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6378	----	
95-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6378	----	
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD			Block Kit w/Premium Rings	BK-6245	----	
97-97	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD			Block Kit w/Premium Rings	BK-6243	----	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD			Block Kit w/Premium Rings	BK-6244	----	
96-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD			Block Kit w/Premium Rings	BK-6243	----	
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6245	----	
97-97	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6243	----	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6244	----	
96-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6243	----	
50		1992 - 1991; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				50	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	92-91	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721		
1	3 Piece Set	91	KT3-160S		Incl. double rlr. type chain; (1) 222-160; (1) 223-297; (1) 223-402		
1	Timing Chain	92-91	222-380		Silent type; 68 Links		
1	Timing Chain	91	222-160		Double rlr.; 68 Links		
1	Crank Sprocket	92-91	223-721		Single row; Use w/silent type chain; 23 Teeth		
1	Crank Sprocket	91	223-297		Double row; 23 Teeth		
1	Cam Sprocket	92-91	223-712		Single row; Use w/silent type chain; 46 Teeth		
1	Cam Sprocket	91	223-402		Double row; 46 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	92-91	CS-1557		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 195 Exh., 197 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	92-91	HT-2269	Std Only	Hyd. rlr.		
16	Lifter, Bulk	92-91	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	92-91	KC-1556		Hyd. rlr.; (1) 55-403B; (1) CS-1556; (16) HT-2269		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	92	RP-3333	Std Only	Hole through rod; 6.9" O.A.L.		
16	Push Rod	92-91	RP-3277	Std Only	Hole through rod; 6.74" O.A.L.		
16	Push Rod, Bulk	92-91	BRP-3277	Std Only	Hole through rod; Carton of 100; 6.74" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	92	R-1095	Std Only	Loc. L.H. & R.H.; Incl. arm & pivot		
8	Arm	91	R-1001	Std Only	Loc. L.H.		
8	Arm	91	R-1002	Std Only	Loc. R.H.		
2	Rocker Shaft	92-91	RS-626	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	92-91	V-2556	Std Only	2 groove; Chrome plated stem; 1.617" Head Dia., 0.3716" Stem Dia., 4.995" O.A.L.		
8	Intake	92-91	V-1908	Std-15	2 groove; 1.88" Head Dia., 0.3725" Stem Dia., 4.981" O.A.L.		

Dodge Truck (Incl. Minivans and SUV's)

50 (cont.)	1992 - 1991; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				50 (cont.)
VALVETRAIN					
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	92-91	VG-5007	Std Only	Loc. Int. & Exh.; 0.3725" ID, 2.38" O.A.L
16	Guide, Bulk	92-91	VG-5007B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.3725" ID, 2.38" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	92-91	VS-1457	Std Only	Loc. Int.; 2.225" Free Height
8	Spring	92-91	VS-911	Std Only	Loc. Exh.; w/Rotators; 1.88" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	92-91	ST-2002	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Installation requires valve guide machining; (PLY) Polyacrylate
16	Valve Stem Seal	92-91	ST-2048	Std Only	Loc. Int. & Exh.; O.E. design; Positive type; (VTN) Viton®
16	Valve Stem Seal Bulk	92-91	ST-2002BC	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	92-91	245-1750-2	Std Only	Loc. Exh.; 1.755" OD, 1.5" ID, 0.216" Depth
8	Seat	92-91	245-1750-2N	Std Only	Loc. Exh.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
8	Seat	92-91	245-2000-1	Std Only	Loc. Int.; Use w/V-1908; 2.0055" OD, 1.75" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	92-91	VK-174	Std Only	Loc. Exh.; 4 groove
16	Keeper	92-91	VK-174R	Std Only	Loc. Exh.; 4 groove; Hardened
16	Keeper	92-91	VK-66	Std Only	Loc. Int.; 2 groove
16	Keeper	92-91	VK-66R	Std Only	Loc. Int.; 2 groove; Hardened
16	Spring Insert	92-91	259-103A	Std Only	.060"; ID 1.030"; Carton of 100
16	Spring Insert	92-91	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500
16	Spring Insert	92-91	259-103B	Std Only	.030"; ID 1.030"; Carton of 100
16	Spring Insert	92-91	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500
16	Spring Insert	92-91	259-103C	Std Only	.015"; ID 1.030"; Carton of 100
8	Rotocap	92-91	RC-78S	Std Only	Loc. Exh.
8	Rotocap	92-91	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	92-91	405CP 60	60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
8	Cast Piston	92-91	405P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
8	Cast Piston - Individual	92-91	W405P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8K405P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
1	Cast Piston Set w/Econ. Rings	92-91	8X405P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	92-91	E-251K	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Premium Set	92-91	E-251KC	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Chrome
1	Premium Set	92-91	R-9903	Std-20-30-60	2-5/64, 1-3/16; Speed-Pro plasma-moly Perf. ring set; Plasma Moly
1	Standard Set	92-91	E-251X	Std-10-20-30-40-60-80	2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	92-91	WE-251K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	92-91	WE-251KC	Std-20-30-40-60	2-5/64, 1-3/16; Premium Chrome
8	Standard Single Cylinder Set	92-91	WE-251X	Std-20-30-40-60-80	2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
1	Repair Sleeve	92-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
1	Repair Sleeve	92-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	92-91	120M	Std-10	Race Performance; 3/4 grooved; Tri-metal copper-lead; w/3.910" max. flange OD
1	Main Set	92-91	4999MA	Std-1-10-20-30	A-Series aluminum bearings; w/3.910" max. flange OD
1	Rod Set	92-91	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable
1	Rod Set	92-91	8-2130CP 10X2	10X2	Use in .002" O/S Rod Bore
1	Rod Set	92-91	8-7125CH	Std-10	Race Performance
1	Rod Set	92-91	8-2130CA 60	60	Unplated & resizeable
8	Rod Pair	92-91	2130CP	Std-1-2-10-20-30-40	
8	Rod Pair	92-91	7125CH	Std Only	Race Performance
1	Cam Set	92-91	1484M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	92-91	224-4166		
1	Oil Pump	92-91	224-4166V		High Volume, check pan for clearance
1	Inter. Shaft	92-91	224-6166		
1	Screen Assy.	92-91	224-1266		

Dodge Truck (Incl. Minivans and SUV's)

50 (cont.)		1992 - 1991; 5.9L 360 OHV V8 (16 Valve), 4" Bore H/D; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 5				50 (cont.)		
BLOCK								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION				
1	Kit Gasket Set	92	260-1431	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION				
1	Brass Block Plug Kit	92-91	381-8010					
1	Steel Block Plug Kit	92-91	381-4014					
1	Brass Deep Cup Freeze Plug	92-91	381-9001	1.625" Diameter				
1	Brass Shallow Cup Freeze Plug	92-91	381-7110	1.250" Diameter				
1	Steel Disc Type Freeze Plug	92-91	381-1020	1.875" Diameter				
1	Steel Shallow Cup Freeze Plug	92-91	381-2189	15mm Diameter				
KITS								
RE-RING KIT				PREMIUM	STANDARD			
YEARS	DESCRIPTION			KIT NO.	KIT NO.			
92-92	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6101	205-1101			
92-92	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6101M	205-1101M			
OVERHAUL KIT				PREMIUM	STANDARD			
YEARS	DESCRIPTION			KIT NO.	KIT NO.			
92-92	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master	MKP-6360	----		
92-92	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Pistons	MK-6360	----		
92-92	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master w/o Rods & Mains	505-6360	----		
51		2003 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z				51		
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.	DESCRIPTION				
1	3 Piece Set	03-93	KT3-380S	Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721				
1	Timing Chain	03-93	222-380	Silent type; 68 Links				
1	Crank Sprocket	03-93	223-721	Single row; Use w/silent type chain; 23 Teeth				
1	Cam Sprocket	03-93	223-712	Single row; Use w/silent type chain; 46 Teeth				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION				
1	Camshaft	02-93	CS-1558	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 259 Exh., 270 Int., 114 Degrees Lobe Separation				
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.			
1	Prelube		55-403	Std Only	1.5 oz. packet			
16	Lifter	03-93	HT-2269	Std Only	Hyd. rlr.			
16	Lifter, Bulk	03-93	HT-2269B	Std Only	Hyd. rlr.; Carton of 117			
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION				
1	Cam/Lifter Kit	02-93	KC-1558	Hyd. rlr.; (1) 55-403B; (1) CS-1558; (16) HT-2269				
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION				
16	Push Rod	03-93	RP-3333	Std Only	Hole through rod; 6.9" O.A.L.			
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION				
16	Arm Assy.	03-93	R-1095	Std Only	Loc. L.H. & R.H.; Incl. arm & pivot			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION				
8	Exhaust	03-93	V-2654	Std-15	Radius shaped key groove; 1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.			
8	Exhaust, Bulk	03-93	V-2654B 15	15	Radius shaped key groove; 1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.			
8	Intake	03-93	V-3954	Std-15	Radius shaped key groove; 1 groove; 1.92" Head Dia., 0.3115" Stem Dia., 4.905" O.A.L.			
8	Intake, Bulk	03-93	V-3954B 15	15	Radius shaped key groove; 1 groove; Carton of 25; 1.92" Head Dia., 0.3265" Stem Dia., 4.905" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION				
16	Spring	97-93	VS-1456	Std Only	Loc. Int. & Exh.; Conical design; 2.016" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION				
16	Valve Stem Seal	03-95	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®			
16	Valve Stem Seal	94-93	ST-2002	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Installation requires valve guide machining; (PLY) Polyacrylate			
16	Valve Stem Seal Bulk	94-93	ST-2002BC	Std Only	Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate			
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION				
16	Keeper	03-93	VK-216	Std Only	1 groove			

Dodge Truck (Incl. Minivans and SUV's)

51 (cont.)	2003 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z				51 (cont.)
VALVETRAIN					
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION
16	Keeper, Bulk	03-93	VK-216B	Std Only	1 groove; Carton of 1000
16	Spring Insert	94-93	259-103A	Std Only	.060"; ID 1.030"; Carton of 100
16	Spring Insert	94-93	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500
16	Spring Insert	94-93	259-103B	Std Only	.030"; ID 1.030"; Carton of 100
16	Spring Insert	94-93	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500
16	Spring Insert	94-93	259-103C	Std Only	.015"; ID 1.030"; Carton of 100
8	Rotocap	94-93	RC-78S	Std Only	Loc. Exh.
8	Rotocap	94-93	RC-78SB	Std Only	Loc. Exh.; Carton of 375; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	03-94	H655CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
8	Cast Piston	93	405CP 60	60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
8	Cast Piston	93	405P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
8	Cast Piston - Individual	03-94	WH655CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
8	Cast Piston - Individual	93	W405P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
1	Cast Piston Set w/Prem. Rings	03-94	8KH655CP .50MM	.50-.75MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
1	Cast Piston Set w/Prem. Rings	93	8K405P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
1	Cast Piston Set w/Econ. Rings	93	8X405P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	03-94	E-908K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	93	E-251K	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Premium Set	93	E-251KC	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Chrome
1	Standard Set	93	E-251X	Std-10-20-30-40-60-80	2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	93	WE-251K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	93	WE-251KC	Std-20-30-40-60	2-5/64, 1-3/16; Premium Chrome
8	Standard Single Cylinder Set	93	WE-251X	Std-20-30-40-60-80	2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
1	Repair Sleeve	94-93	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
1	Repair Sleeve	94-93	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	03-93	4999MA	Std-1-10-20-30	A-Series aluminum bearings; w/3.910" max. flange OD
1	Main Set	00-93	120M	Std-10	Race Performance; 3/4 grooved; Tri-metal copper-lead; w/3.910" max. flange OD
1	Rod Set	03-93	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable
1	Rod Set	03-93	8-2130CP 10X2	10X2	Use in .002" O/S Rod Bore
1	Rod Set	00-93	8-7125CH	Std-10	Race Performance
1	Rod Set	03-93	8-2130CA 60	60	Unplated & resizeable
8	Rod Pair	03-93	2130CP	Std-1-2-10-20-30-40	
8	Rod Pair	00-93	7125CH	Std Only	Race Performance
1	Cam Set	03-93	1484M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	03-93	224-4166		
1	Oil Pump	03-93	224-4166V		High Volume, check pan for clearance
1	Inter. Shaft	00-93	224-6166		
1	Screen Assy.	03	224-14239		
1	Screen Assy.	02	224-14239		
1	Screen Assy.	02	224-14277		
1	Screen Assy.	01	224-14239		
1	Screen Assy.	01	224-14277		
1	Screen Assy.	00-99	224-14239		
1	Screen Assy.	00-99	224-14277		
1	Screen Assy.	98	224-14239		
1	Screen Assy.	98	224-14277		
1	Screen Assy.	97-95	224-1266		
1	Screen Assy.	97-95	224-14277		

Dodge Truck (Incl. Minivans and SUV's)

51 (cont.)		2003 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z			51 (cont.)	
BLOCK						
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Screen Assy.	94	224-1266			
1	Screen Assy.	94	224-14277			
1	Screen Assy.	93	224-1266			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	03-98	260-1865	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97	260-1864	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96-93	260-1723	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	03-93	381-8010			
1	Steel Block Plug Kit	03-93	381-4014			
1	Brass Deep Cup Freeze Plug	03-93	381-9001	1.625" Diameter		
1	Brass Shallow Cup Freeze Plug	03-93	381-7110	1.250" Diameter		
1	Steel Disc Type Freeze Plug	03-93	381-1020	1.875" Diameter		
1	Steel Shallow Cup Freeze Plug	03-93	381-2189	15mm Diameter		
KITS						
RE-RING KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
03-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			205-6378B	----	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.			205-6378A	----	
96-94	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			205-6378	----	
93-93	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			205-6852	----	
03-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD			205-6378BM	----	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD			205-6378AM	----	
96-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			205-6378M	----	
93-93	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			205-6852M	----	
OVERHAUL KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; Incl. silent type chain			MKP-6378B	----	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; Incl. silent type chain			MKP-6378A	----	
96-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain			MKP-6378	----	
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; Incl. silent type chain			MK-6378B	----	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; Incl. silent type chain			MK-6378A	----	
96-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain			MK-6378	----	
93-93	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. silent type chain			MK-7069	----	

Dodge Truck (Incl. Minivans and SUV's)

51 (cont.)	2003 - 1993; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z				51 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.		
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. silent type chain	505-6378B	-----	Master w/o Rods & Mains	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. silent type chain	505-6378A	-----	Master w/o Rods & Mains	
96-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain	505-6378	-----	Master w/o Rods & Mains	
03-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD	BK-6245	-----	Block Kit w/Premium Rings	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD	BK-6244	-----	Block Kit w/Premium Rings	
96-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. flange OD	BK-6243	-----	Block Kit w/Premium Rings	
03-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD	BKP-6245	-----	Block Kit w/Oil Pump & Freeze Plugs	
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD	BKP-6244	-----	Block Kit w/Oil Pump & Freeze Plugs	
96-94	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BKP-6243	-----	Block Kit w/Oil Pump & Freeze Plugs	
52 1992 - 1991; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z 52					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	92-91	KT3-380S	Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721	
1	3 Piece Set	91	KT3-160S	Incl. double rlr. type chain; (1) 222-160; (1) 223-297; (1) 223-402	
1	Timing Chain	92-91	222-380	Silent type; 68 Links	
1	Timing Chain	91	222-160	Double rlr.; 68 Links	
1	Crank Sprocket	92-91	223-721	Single row; Use w/silent type chain; 23 Teeth	
1	Crank Sprocket	91	223-297	Double row; 23 Teeth	
1	Cam Sprocket	92-91	223-712	Single row; Use w/silent type chain; 46 Teeth	
1	Cam Sprocket	91	223-402	Double row; 46 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	92-91	CS-1557	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 195 Exh., 197 Int.	
1	Prelube		55-400	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	Std Only
1	Prelube		55-403	1.5 oz. packet	Std Only
16	Lifter	92-91	HT-2269	Hyd. rlr.	Std Only
16	Lifter, Bulk	92-91	HT-2269B	Hyd. rlr.; Carton of 117	Std Only
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	92-91	KC-1556	Hyd. rlr.; (1) 55-403B; (1) CS-1556; (16) HT-2269	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	92	RP-3333	Hole through rod; 6.9" O.A.L.	Std Only
16	Push Rod	92-91	RP-3277	Hole through rod; 6.74" O.A.L.	Std Only
16	Push Rod, Bulk	92-91	BRP-3277	Hole through rod; Carton of 100; 6.74" O.A.L.	Std Only
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	92	R-1095	Loc. L.H. & R.H.; Incl. arm & pivot	Std Only
8	Arm	91	R-1001	Loc. L.H.	Std Only
8	Arm	91	R-1002	Loc. R.H.	Std Only
2	Rocker Shaft	92-91	RS-626		Std Only
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	92-91	V-2556	2 groove; Chrome plated stem; 1.617" Head Dia., 0.3716" Stem Dia., 4.995" O.A.L.	Std Only
8	Intake	92-91	V-1908	2 groove; 1.88" Head Dia., 0.3725" Stem Dia., 4.981" O.A.L.	Std-15
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	92-91	VG-5007	Loc. Int. & Exh.; 0.3725" ID, 2.38" O.A.L.	Std Only
16	Guide, Bulk	92-91	VG-5007B	Loc. Int. & Exh.; Carton of 50; 0.3725" ID, 2.38" O.A.L.	Std Only
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
8	Spring	92-91	VS-1457	Loc. Int.; 2.225" Free Height	Std Only
8	Spring	92-91	VS-911	Loc. Exh.; w/Rotators; 1.88" Free Height	Std Only
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	

Dodge Truck (Incl. Minivans and SUV's)

52 (cont.)		1992 - 1991; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z				52 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL (cont.)	YEARS	PART NO.			DESCRIPTION	
16	Valve Stem Seal	92-91	ST-2002	Std Only		Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Installation requires valve guide machining; (PLY) Polyacrylate	
16	Valve Stem Seal	92-91	ST-2048	Std Only		Loc. Int. & Exh.; O.E. design; Positive type; (VTN) Viton®	
16	Valve Stem Seal Bulk	92-91	ST-2002BC	Std Only		Loc. Int. & Exh.; Exc. Eng. w/double valve springs; Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate	
QTY	VALVE SEAT	YEARS	PART NO.			DESCRIPTION	
8	Seat	92-91	245-1750-2	Std Only		Loc. Exh.; 1.755" OD, 1.5" ID, 0.216" Depth	
8	Seat	92-91	245-1750-2N	Std Only		Loc. Exh.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth	
8	Seat	92-91	245-2000-1	Std Only		Loc. Int.; Use w/V-1908; 2.0055" OD, 1.75" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.			DESCRIPTION	
16	Keeper	92-91	VK-174	Std Only		Loc. Exh.; 4 groove	
16	Keeper	92-91	VK-174R	Std Only		Loc. Exh.; 4 groove; Hardened	
16	Keeper	92-91	VK-66	Std Only		Loc. Int.; 2 groove	
16	Keeper	92-91	VK-66R	Std Only		Loc. Int.; 2 groove; Hardened	
16	Spring Insert	92-91	259-103A	Std Only		.060"; ID 1.030"; Carton of 100	
16	Spring Insert	92-91	259-103ARS	Std Only		.060"; ID 1.030"; Carton of 500	
16	Spring Insert	92-91	259-103B	Std Only		.030"; ID 1.030"; Carton of 100	
16	Spring Insert	92-91	259-103BRS	Std Only		.030"; ID 1.030"; Carton of 500	
16	Spring Insert	92-91	259-103C	Std Only		.015"; ID 1.030"; Carton of 100	
8	Rotocap	92-91	RC-78S	Std Only		Loc. Exh.	
8	Rotocap	92-91	RC-78SB	Std Only		Loc. Exh.; Carton of 375; New Part Number - Check for Availability	
BLOCK							
QTY	PISTON	YEARS	PART NO.			DESCRIPTION	
8	Cast Piston	92-91	405CP 60	60		Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.	
8	Cast Piston	92-91	405P	Std-20-30-40-60		Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.	
8	Cast Piston - Individual	92-91	W405P	Std-20-30-40-60		Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	92-91	8K405P 30	30-40-60		Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.	
1	Cast Piston Set w/Econ. Rings	92-91	8X405P 30	30-40-60		Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.576 CD, Recessed Head .070 deep x 3.140 dia. - 8.0:1 C.R., 0.9842" Pin Dia.	
QTY	RINGS	YEARS	PART NO.			DESCRIPTION	
1	Premium Set	92-91	E-251K	Std-10-20-30-40-60		2-5/64, 1-3/16; Premium Moly	
1	Premium Set	92-91	E-251KC	Std-10-20-30-40-60		2-5/64, 1-3/16; Premium Chrome	
1	Premium Set	92-91	R-9903	Std-20-30-60		2-5/64, 1-3/16; Speed-Pro plasma-moly Perf. ring set; Plasma Moly	
1	Standard Set	92-91	E-251X	Std-10-20-30-40-60-80		2-5/64, 1-3/16; Iron	
8	Premium Single Cylinder Set	92-91	WE-251K	Std-20-30-40-60		2-5/64, 1-3/16; Premium Moly	
8	Premium Single Cylinder Set	92-91	WE-251KC	Std-20-30-40-60		2-5/64, 1-3/16; Premium Chrome	
8	Standard Single Cylinder Set	92-91	WE-251X	Std-20-30-40-60-80		2-5/64, 1-3/16; Iron	
QTY	SLEEVE	YEARS	PART NO.			DESCRIPTION	
1	Repair Sleeve	92-91	SL-22M	Std Only		3/32" wall, must be cut to correct length; O.A.L. 10.250"	
1	Repair Sleeve	92-91	SL-22Y	Std Only		1/8" wall, must be cut to correct length; O.A.L. 10.250"	
QTY	ENGINE BEARINGS	YEARS	PART NO.			DESCRIPTION	
1	Main Set	92-91	120M	Std-10		Race Performance; 3/4 grooved; Tri-metal copper-lead; w/3.910" max. flange OD	
1	Main Set	92-91	4999MA	Std-1-10-20-30		A-Series aluminum bearings; w/3.910" max. flange OD	
1	Rod Set	92-91	8-2130CP	Std-1-10-20-30-40-50		8-2130CA 60 avail. as unplated & resizeable	
1	Rod Set	92-91	8-2130CP 10X2	10X2		Use in .002" O/S Rod Bore	
1	Rod Set	92-91	8-7125CH	Std-10		Race Performance	
1	Rod Set	92-91	8-2130CA 60	60		Unplated & resizeable	
8	Rod Pair	92-91	2130CP	Std-1-2-10-20-30-40			
8	Rod Pair	92-91	7125CH	Std Only		Race Performance	
1	Cam Set	92-91	1484M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.			DESCRIPTION	
1	Oil Pump	92-91	224-4166				
1	Oil Pump	92-91	224-4166V			High Volume, check pan for clearance	
1	Inter. Shaft	92-91	224-6166				
1	Screen Assy.	92-91	224-1266				
QTY	GASKETS	YEARS	PART NO.			DESCRIPTION	
1	Kit Gasket Set	92	260-1431			PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.			DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8010				
1	Steel Block Plug Kit	92-91	381-4014				
1	Brass Deep Cup Freeze Plug	92-91	381-9001			1.625" Diameter	

Dodge Truck (Incl. Minivans and SUV's)

52 (cont.)	1992 - 1991; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; TBI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z					52 (cont.)
BLOCK						
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Brass Shallow Cup Freeze Plug	92-91	381-7110		1.250" Diameter	
1	Steel Disc Type Freeze Plug	92-91	381-1020		1.875" Diameter	
1	Steel Shallow Cup Freeze Plug	92-91	381-2189		15mm Diameter	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
92-92	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6101
92-92	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6101M
OVERHAUL KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
92-92	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. silent type chain				Master	MKP-6360
92-92	Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. silent type chain				Master w/o Pistons	MK-6360
92-92	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. silent type chain				Master w/o Rods & Mains	505-6360
53 2008 - 2007; 6.7L 408.3 (6691cc) OHV Turbo - Intercooled L6 (24 Valve), 107mm Bore 53						
H.O.; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code A, Eng. Code						
ISB6.7-305						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	08-07	AT-2086	Std Only	2.123" O.A.L.; Push Rod Socket Depth .435"; New Part Number - Check for Availability	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
24	Spring	07	VS-1657	Std Only	Loc. Int. & Exh.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	07	VK-294	Std Only		
54 2010 - 2009; 6.7L 408.3 (6691cc) OHV Turbo - Intercooled L6 (24 Valve), 107mm Bore 54						
H.O.; MFI; Diesel; Turbo - Intercooled Cummins Eng.; VIN Code L, Eng. Code						
ISB6.7-350						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	09	AT-2086	Std Only	2.123" O.A.L.; Push Rod Socket Depth .435"; New Part Number - Check for Availability	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	10-09	V-4714	Std Only		
12	Intake Valve Kit	10	V-4671K	Std Only	1.2990" Head Dia., .2756" Stem Dia., 4.9070" O.A.L.	
12	Intake	10	V-4671	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2756" Stem Dia., 4.907" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	10-09	VK-294	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	10-09	224-43633			
55 2004 - 1994; 8.0L 488 (7994cc) OHV V10 (20 Valve), 101.6mm Bore; MFI; Gasoline; 55						
Naturally Aspirated Chrysler Eng.; VIN Code W						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	02-94	222-380		Silent type; 68 Links	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
20	Lifter	03-94	HT-2269	Std Only	Hyd. rlr.	
20	Lifter, Bulk	03-94	HT-2269B	Std Only	Hyd. rlr.; Carton of 117	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	03-94	V-4493	Std Only	Chrome plated stem; 1.624" Head Dia., 0.3108" Stem Dia., 5.743" O.A.L.	
10	Intake	03-94	V-4492	Std Only	1.92" Head Dia., 0.3115" Stem Dia., 5.728" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
20	Spring	03-94	VS-1456	Std Only	Loc. Int. & Exh.; Conical design; 2.016" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
20	Valve Stem Seal	03-94	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	

Dodge Truck (Incl. Minivans and SUV's)

55 (cont.)		2004 - 1994; 8.0L 488 (7994cc) OHV V10 (20 Valve), 101.6mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code W						55 (cont.)	
VALVETRAIN									
QTY	VALVE, MISC	YEARS	PART NO.						DESCRIPTION
40	Keeper	03-94	VK-216	Std Only					1 groove
40	Keeper, Bulk	03-94	VK-216B	Std Only					1 groove; Carton of 1000
BLOCK									
QTY	PISTON	YEARS	PART NO.						DESCRIPTION
10	Cast Piston	04-94	H689CP	Std-50-75-1.00MM					Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
10	Cast Piston - Individual	04-94	WH689CP	Std-50-75-1.00MM					Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.612 CD, Recessed Head Rectangular Dish volume 11.23cc; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.
QTY	RINGS	YEARS	PART NO.						DESCRIPTION
1	Premium Set	03-94	E-909K	Std-20-30-40-60					2-1.50MM, 1-4.00MM; Premium Moly
8	Premium Single Cylinder Set	03-94	WE-909K	Std Only					2-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.						DESCRIPTION
1	Main Set	03-94	7379M	Std-10-20					
10	Rod Pair	03-94	2130CP	Std-1-2-10-20-30-40					
1	Cam Set	03-94	1896M	Std Only					
56		2006 - 2004; 8.3L 505 (8277cc) OHV V10 (20 Valve), 102.4mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code H						56	
VALVETRAIN									
QTY	VALVE SEAL	YEARS	PART NO.						DESCRIPTION
20	Valve Stem Seal	06-04	ST-2122	Std Only					Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.						DESCRIPTION
40	Keeper	05-04	VK-216	Std Only					1 groove
40	Keeper, Bulk	05-04	VK-216B	Std Only					1 groove; Carton of 1000

Eagle - See Chrysler Car

Edsel - See Ford Car

Fargo Truck - See Dodge Truck

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.3L	80.8	1324cc	SOHC L4	71mm	8	Mazda Eng.	H	B3		MFI/Gasoline	1997-1991	1
1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.	6	B6-T		MFI/Gasoline	1994-1991	2
1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.	Z	B6-ZE		MFI/Gasoline	1994-1991	3
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.	8	BP-ZE		MFI/Gasoline	1996-1991	4
1.9L	114.0	1868cc	SOHC L4	82mm	8	Ford Eng.	J			MFI/Gasoline	1996-1991	5
2.0L	121.0	1988cc	DOHC L4	84.8mm	16	Ford Eng.	3			MFI/Gasoline	2004-1995	6
2.0L	121.0	1988cc	DOHC L4	84.8mm	16	Ford Eng.	Z			MFI/Flex Fuel	2000-1995	7
2.0L	121.0	1988cc	DOHC L4	84.8mm	16	Ford Eng.	5			MFI/Gasoline	2004-2002	8
2.0L	121.0	1988cc	SOHC L4	84.8mm	8	Ford Eng.	P			MFI/Gasoline	2004-1997	9
2.0L	121.5	1991cc	DOHC L4	83mm	16	Mazda Eng.	A	FS-DE		MFI/Gasoline	1997-1993	10
2.0L	122.0	1999cc	DOHC L4	87.5mm	16	Ford Eng.	N			MFI/Gasoline	2011-2005	11
2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.	C	F2		MFI/Gasoline	1992-1991	12
2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.	L	F2-T		MFI/Gasoline	1992-1991	13
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.	Z			MFI/Gasoline	2009-2003	14
2.3L	140.0	2302cc	SOHC L4	96mm	8	Ford Eng.	M			MFI/Gasoline	1993-1991	15
2.3L	140.0	2306cc	OHV L4	93.47mm	8	Ford Eng.	X			MFI/Gasoline	1994-1991	16
2.3L	140.0	2306cc	OHV L4	93.47mm	8	Ford Eng.	S			MFI/Gasoline	1991	17
2.5L	152.0	2495cc	DOHC V6	81.6mm	24	Ford Eng.	L			MFI/Gasoline	2002-2001	18
2.5L	152.0	2495cc	DOHC V6	81.6mm	24	Ford Eng.	G			MFI/Gasoline	2002-2001	19
2.5L	152.0	2497cc	DOHC V6	84.5mm	24	Mazda Eng.	B	KL-ZE		MFI/Gasoline	1997-1993	20
2.5L	153.0	2507cc	OHV L4	93.47mm	8	Ford Eng.	N			MFI/Gasoline	1991	21
2.5L	155.0	2544cc	DOHC V6	82.4mm	24	Ford Eng.	L			MFI/Gasoline	2000-1995	22
2.5L	155.0	2544cc	DOHC V6	82.4mm	24	Ford Eng.	G			MFI/Gasoline	2000-1998	23
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	1			MFI/Gasoline	2009-2005	24
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	S			MFI/Gasoline	2005-1996	25
3.0L	183.0	2982cc	DOHC V6	89mm	24	Yamaha Eng.	Y			MFI/Gasoline	1995-1991	26
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	1			MFI/Flex Fuel	1998-1993	27

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	2			MFI/Flex Fuel	2007-1996	28
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	U			MFI/Gasoline	2007-1991	29
3.2L	195.0	3152cc	DOHC V6	92mm	24	Yamaha Eng.	P			MFI/Gasoline	1995-1993	30
3.4L	207.0	3391cc	DOHC V8	82.4mm	32	Yamaha Eng.	N			MFI/Gasoline	1999-1996	31
3.5L	213.3	3496cc	DOHC V6	92.5mm	24	Ford Eng.	T			MFI/Gasoline	2009-2007	32
3.5L	213.3	3496cc	DOHC V6	92.5mm	24	Ford Eng.	W			MFI/Gasoline	2009-2008	33
3.8L	232.0	3797cc	OHV V6	96.8mm	12	Ford Eng.	4			MFI/Gasoline	2004-1991	34
3.8L	232.0	3797cc	OHV V6	96.8mm	12	Ford Eng.	R			MFI/Gasoline	1995-1991	35
3.9L	238.0	3887cc	OHV V6	96.8mm	12	Ford Eng.	6			MFI/Gasoline	2004	36
4.0L	244.0	4015cc	SOHC V6	100.4mm	12	Ford Eng.	N			MFI/Gasoline	2010-2005	37
4.6L	281.0	4605cc	DOHC V8	90.2mm	32	Ford Eng.	R			MFI/Gasoline	2004-2003	38
4.6L	281.0	4605cc	DOHC V8	90.2mm	32	Ford Eng.	V			MFI/Gasoline	2004-1993	39
4.6L	281.0	4605cc	DOHC V8	90.2mm	32	Ford Eng.	Y			MFI/Gasoline	2004-2003	40
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	9			MFI/Natural Gas	2009-1996	41
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	V			MFI/Flex Fuel	2010-2006	42
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	W			MFI/Gasoline	2011-1991	43
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	6			MFI/Gasoline	2000-1996	44
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	X			MFI/Gasoline	2004-1996	45
4.6L	281.0	4605cc	SOHC V8	90.2mm	24	Ford Eng.	H			MFI/Gasoline	2010-2005	46
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	F			MFI/Gasoline	1991	47
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	D			MFI/Gasoline	1995-1993	48
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	E			MFI/Gasoline	1993-1991	49
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	T			MFI/Gasoline	1995-1991	50
5.4L	330.0	5408cc	DOHC V8	90.2mm	32	Ford Eng.	G			MFI/Gasoline	2005	51
5.4L	330.0	5408cc	DOHC V8	90.2mm	32	Ford Eng.	H			MFI/Gasoline	2001-1999	52
5.4L	330.0	5408cc	DOHC V8	90.2mm	32	Ford Eng.	S			MFI/Gasoline	2010-2006	53
5.8L	351.0	5752cc	OHV V8	101.6mm	16	Ford Eng.	G			2 Bbl./Gasoline	1991	54
5.8L	351.0	5752cc	OHV V8	101.6mm	16	Ford Eng.	C			MFI/Gasoline	1996-1995	55
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
B3	1.3L	80.8	1324cc	SOHC L4	71mm	8	Mazda Eng.	H	MFI/Gasoline	1997-1991	1	
B6-T	1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.	6	MFI/Gasoline	1994-1991	2	
B6-ZE	1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.	Z	MFI/Gasoline	1994-1991	3	
BP-ZE	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.	8	MFI/Gasoline	1996-1991	4	
F2	2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.	C	MFI/Gasoline	1992-1991	12	
F2-T	2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.	L	MFI/Gasoline	1992-1991	13	
FS-DE	2.0L	121.5	1991cc	DOHC L4	83mm	16	Mazda Eng.	A	MFI/Gasoline	1997-1993	10	
KL-ZE	2.5L	152.0	2497cc	DOHC V6	84.5mm	24	Mazda Eng.	B	MFI/Gasoline	1997-1993	20	
1	1997 - 1991; 1.3L 80.8 (1324cc) SOHC L4 (8 Valve), 71mm Bore; MFI; Gasoline;										1	
	Naturally Aspirated Mazda Eng.; VIN Code H, Eng. Code B3											
VALVETRAIN												
QTY	TIMING		YEARS	PART NO.	DESCRIPTION							
1	Timing Belt		97-91	222-B185	Square tooth							
1	Timing Belt & Tensioner Set		97-91	BTS-185	Square tooth							
QTY	CAMSHAFT/LIFTER		YEARS	PART NO.	DESCRIPTION							
1	Camshaft		93-91	CS-841	Hydraulic, (050) Duration at .050 Lobe Lift, 205 Exh., 205 Int.							
1	Prelube			55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.						
1	Prelube			55-403	Std Only	1.5 oz. packet						
8	Lifter		97-91	HT-2254	Std Only	Hyd. lash adj.						
8	Lifter, Bulk		97-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128						
QTY	CAM KIT		YEARS	PART NO.	DESCRIPTION							
1	Cam/Lifter Kit		93-91	KC-841	Hyd. lash adj.; (1) 55-403B; (1) CS-841; (8) HT-2254							
QTY	VALVE		YEARS	PART NO.	DESCRIPTION							
4	Exhaust		97-91	V-2607	Std Only	1.103" Head Dia., 0.2745" Stem Dia., 4.101" O.A.L.						
4	Intake		97-91	V-2608	Std Only	1.261" Head Dia., 0.2745" Stem Dia., 4.144" O.A.L.						
QTY	VALVE GUIDE		YEARS	PART NO.	DESCRIPTION							
8	Guide		97-91	VG-911	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.97" O.A.L.						
QTY	VALVE SEAL		YEARS	PART NO.	DESCRIPTION							
8	Valve Stem Seal		97-94	ST-2082	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber						
8	Valve Stem Seal		93-91	ST-2118	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (VTN) Viton®						
QTY	VALVE SEAT		YEARS	PART NO.	DESCRIPTION							
4	Seat		97-91	245-1375-51	Std Only	Loc. Int.; 1.382" OD, 1.06" ID, 0.28" Depth						

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

1 (cont.)		1997 - 1991; 1.3L 80.8 (1324cc) SOHC L4 (8 Valve), 71mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code H, Eng. Code B3				1 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	93-91	546P	Std-50-75-1.00MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.107 CD, Recessed Head .060 deep x 2.380 dia., 0.7865" Pin Dia.		
4	Cast Piston - Individual	93-91	W546P	Std-50-75-1.00MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.107 CD, Recessed Head .060 deep x 2.380 dia., 0.7865" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	93-91	4K546P	Std-75-1.00MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.107 CD, Recessed Head .126 deep, 19.977mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93-91	E-552KC	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	93-91	WE-552KC	Std-25-50-75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-91	7204M	Std-25-50-75MM	A-Series aluminum bearings		
1	Thrust Washer Set	97-91	4176AF	Std Only			
1	Rod Set	97-91	4-3910RA	Std-25-50-75-1.00MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92	224-43640				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93	260-1560		Front crankshaft seal not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92	260-1560		Front crankshaft seal from 02/01/92 not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1560		PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
93-93	Front crankshaft seal not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		Re-ring	205-6216	----		
92-92	Front crankshaft seal from 2/1/92 not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		Re-ring	205-6216	----		
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		Re-ring	205-6216	----		
93-93	Front crankshaft seal not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6216M	----		
92-92	Front crankshaft seal from 2/1/92 not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6216M	----		
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6216M	----		
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
93-93	Front crankshaft seal not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6181	----		
92-92	Front crankshaft seal from 2/1/92 not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6181	----		
91-91	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6181	----		
2		1994 - 1991; 1.6L 97.5 (1597cc) DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Turbo - Intercooled Mazda Eng.; VIN Code 6, Eng. Code B6-T				2	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	94-91	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-91	V-4361	Std Only	Chrome plated stem; 1.031" Head Dia., 0.235" Stem Dia., 4.15" O.A.L.		
8	Intake	94-91	V-4360	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2345" Stem Dia., 4.148" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	94-91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
8	Seat	94-91	245-1250-61	Std Only	Loc. Int.; 1.257" OD, 0.976" ID, 0.18" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-551KC	Std-50-75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
4	Premium Single Cylinder Set	94-91	WE-551KC	Std-50MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

2 (cont.)		1994 - 1991; 1.6L 97.5 (1597cc) DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Turbo - Intercooled Mazda Eng.; VIN Code 6, Eng. Code B6-T				2 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7204M	Std.-25.-50.-75MM			
1	Thrust Washer Set	94-91	4176AF	Std Only			
1	Rod Set	94-91	4-4175CP	Std.-25.-50.-75MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-91	260-1935		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
3		1994 - 1991; 1.6L 97.5 (1597cc) DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code Z, Eng. Code B6-ZE				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-91	222-B179				
1	Timing Belt Tensioner	94-91	222-213BT				
1	Belt Idler	94-91	222-214BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	94-91	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-91	V-4361	Std Only	Chrome plated stem; 1.031" Head Dia., 0.235" Stem Dia., 4.15" O.A.L.		
8	Intake	94-91	V-4360	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2345" Stem Dia., 4.148" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	94-91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
8	Seat	94-91	245-1250-61	Std Only	Loc. Int.; 1.257" OD, 0.976" ID, 0.18" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-551KC	Std.-50.-75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	94-91	E-551X	Std.-50MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	94-91	WE-551KC	Std.-50MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7204M	Std.-25.-50.-75MM			
1	Thrust Washer Set	94-91	4176AF	Std Only			
1	Rod Set	94-91	4-4175CP	Std.-25.-50.-75MM			
4		1996 - 1991; 1.8L 112.2 (1839cc) DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code 8, Eng. Code BP-ZE				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	96-91	222-B179				
1	Timing Belt Tensioner	96-91	222-213BT				
1	Belt Idler	96-91	222-214BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	96-91	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	96-91	V-4366	Std Only	Chrome plated stem; 1.103" Head Dia., 0.235" Stem Dia., 3.997" O.A.L.		
8	Intake	96-91	V-4364	Std Only	Chrome plated stem; 1.298" Head Dia., 0.235" Stem Dia., 3.99" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	96-91	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L.		
8	Guide	96-91	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	96-91	VS-1569	Std Only	Loc. Int. & Exh.; 1.834" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	96-91	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
16	Valve Stem Seal	96-91	ST-2116	Std Only	Positive type; (SLC) Silicone		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	96-91	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
8	Seat	96-91	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	96-91	VK-285	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96-91	E-615KC	Std.-50.-75MM	2-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	96-91	WE-615KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-91	7204M	Std.-25.-50.-75MM			
1	Thrust Washer Set	96-91	4176AF	Std Only			

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

4 (cont.)		1996 - 1991; 1.8L 112.2 (1839cc) DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code 8, Eng. Code BP-ZE				4 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	96-91	4-4175CP	Std.-25-50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	96-91	224-43592				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-94	260-1854		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	93-91	260-1853		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			Re-ring	205-6859	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring	205-6858	----	
96-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			Re-ring w/Mains	205-6859M	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring w/Mains	205-6858M	----	
5		1996 - 1991; 1.9L 114 (1868cc) SOHC L4 (8 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code J				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	96-92	222-B194		97 Teeth		
1	Timing Belt	91	222-67		To 3/24/91; Square tooth		
1	Timing Belt	91	222-B194		From 3/25/91; Round tooth; 97 Teeth		
1	Timing Belt Tensioner	96-92	222-373CT				
1	Timing Belt Tensioner	91	222-114BT		To 3/24/91		
1	Timing Belt Tensioner	91	222-373CT		From 3/25/91		
1	Timing Belt Tensioner	91	222-373CT		From 3/25/91		
1	Timing Belt Tensioner	91	222-373CT				
1	Timing Belt & Tensioner Set	96-92	BTS-194		Round tooth		
1	Timing Belt & Tensioner Set	91	BTS-194		From 3/25/91; Round tooth; Round tooth		
1	Timing Belt & Tensioner Set	91	BTS-67		To 3/24/91; Square tooth; Square tooth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	96-91	CS-1532		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 186 Exh., 186 Int., 134 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	96-91	HT-2217	Std Only	Hyd. rlr.		
8	Lifter, Bulk	96-91	HT-2217B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	96-91	KC-1532		Hyd. rlr.; (1) 55-403B; (1) CS-1532; (8) HT-2217		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	96-91	R-1053	Std Only	Incl. arm, ball & nut		
8	Arm Assy., Bulk	96-91	R-1053B	Std Only	Incl. arm, ball & nut; Carton of 64		
8	Arm	96-91	R-904A	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	96-95	V-2201	Std Only	Engs. built in Mexico; Chrome plated stem; 1.457" Head Dia., 0.3152" Stem Dia., 5.189" O.A.L.		
4	Exhaust	96-95	V-2445	Std-15	Exc. Engs. built in Mexico; 3 groove; Chrome plated stem; 1.339" Head Dia., 0.3152" Stem Dia., 5.271" O.A.L.		
4	Exhaust	94-91	V-2445	Std-15	3 groove; Chrome plated stem; 1.339" Head Dia., 0.3152" Stem Dia., 5.271" O.A.L.		
4	Intake	96-95	V-2446	Std-15	Exc. Engs. built in Mexico; 3 groove; Chrome plated stem; 1.535" Head Dia., 0.3163" Stem Dia., 5.383" O.A.L.		
4	Intake	94-91	V-2446	Std-15	3 groove; Chrome plated stem; 1.535" Head Dia., 0.3163" Stem Dia., 5.383" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	96-91	VG-736	Std Only	Use if orig. run-out from ID to OD is over .005"; 0.3175" ID, 2.518" O.A.L.		
8	Guide	96-91	VG-737	Std Only	Use if orig. run-out from ID to OD is under .005"; 0.3175" ID, 2.518" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	96-92	ST-2130	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

5 (cont.)	1996 - 1991; 1.9L 114 (1868cc) SOHC L4 (8 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code J					5 (cont.)
VALVETRAIN						
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	91	ST-2088	Std Only	Positive type; (RBBTF) Rubber/PTFE	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	96-95	245-1562-54	Std Only	Loc. Exh.; Eng. built in Mexico; 1.5695" OD, 1.22" ID, 0.344" Depth	
4	Seat	96-95	245-1750-60	Std Only	Loc. Int.; Eng. built in Mexico; 1.555" ID top taper; 1.757" OD, 1.437" ID, 0.302" Depth	
4	Seat	96-91	245-1625-62	Std Only	Loc. Int.; 1.632" OD, 1.32" ID, 0.3" Depth	
4	Seat	94-91	245-1562-54	Std Only	Loc. Exh.; 1.5695" OD, 1.22" ID, 0.344" Depth	
4	Seat	94-91	245-1750-60	Std Only	Loc. Int.; 1.555" ID top taper; 1.757" OD, 1.437" ID, 0.302" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	96-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	96-94	H529P	Std-50-.75-1.00MM	Exc. Eng. built in Mexico; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.277 CD, Recessed Head .085 deep w/2 valve reliefs - 9.0:1 C.R., 0.8121" Pin Dia.	
4	Cast Piston	93-91	H529P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.277 CD, Recessed Head .085 deep w/2 valve reliefs - 9.0:1 C.R., 0.8121" Pin Dia.	
4	Cast Piston - Individual	96-94	WH529P	Std-50-.75-1.00MM	Exc. Eng. built in Mexico; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.277 CD, Recessed Head .085 deep w/2 valve reliefs - 9.0:1 C.R., 0.8121" Pin Dia.	
4	Cast Piston - Individual	93-91	WH529P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.277 CD, Recessed Head .085 deep w/2 valve reliefs - 9.0:1 C.R., 0.8121" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-91	E-470KC	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Chrome	
1	Standard Set	96-91	E-470X	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Iron	
4	Premium Single Cylinder Set	96-91	WE-470KC	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	6695MA	Std-25-.50-.75MM	A-Series aluminum bearings; 3/4 grooved	
1	Rod Set	96-91	4-1400AA	Std-25-.50-.75MM	A-Series aluminum bearings	
4	Rod Pair	96-91	1400AA	Std-25-.50-.75MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	96-91	224-43564			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96-94	260-1626		Head bolts incl.; Int. manifold gskt. for Mexico Built eng. not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1551		To 02/09/93; Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1626		From 02/10/93; Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92-91	260-1551		Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	96-91	260-2503	Std Only	Replacement required	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
96-94	Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6256 205-1256
96-94	Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.				Re-ring w/Mains	205-6256M 205-1256M
93-93	To 2/9/93; Head bolts incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6207 205-1207
93-93	To 2/9/93; Head bolts incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.				Re-ring w/Mains	205-6207M 205-1207M
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6256 205-1256

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

5 (cont.)	1996 - 1991; 1.9L 114 (1868cc) SOHC L4 (8 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code J	5 (cont.)	
KITS			
RE-RING KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	
STANDARD KIT NO.			
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.	Re-ring w/Mains 205-6256M	205-1256M
92-91	Head bolts incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring 205-6207	205-1207
92-91	Head bolts incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.	Re-ring w/Mains 205-6207M	205-1207M
OVERHAUL KIT			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
96-94	Head bolts incl.; Exc. Eng. built in Mexico; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings BK-6106	----
93-93	To 2/9/93; Head bolts incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings BK-6105	----
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings BK-6106	----
92-91	Head bolts incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings BK-6105	----
96-94	Head bolts incl.; Exc. Eng. built in Mexico; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6106	----
93-93	To 2/9/93; Head bolts incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6105	----
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6106	----
92-91	Head bolts incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6105	----
96-94	Exc. Eng. built in Mexico; Head bolts incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.	Master MKP-6207C	MKP-1207C
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.	Master MKP-6207C	MKP-1207C
96-94	Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/r/r. lifters; Incl. 3/4 grooved main brgs.	Master w/o Pistons MK-6207C	MK-1207C
93-93	To 2/9/93; Head bolts incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/r/r. lifters; Incl. 3/4 grooved main brgs.	Master w/o Pistons MK-6207B	MK-1207B
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/r/r. lifters; Incl. 3/4 grooved main brgs.	Master w/o Pistons MK-6207C	MK-1207C
92-92	Head bolts incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/r/r. lifters; Incl. 3/4 grooved main brgs.	Master w/o Pistons MK-6207B	MK-1207B

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

5 (cont.)	1996 - 1991; 1.9L 114 (1868cc) SOHC L4 (8 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code J				5 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.		
91-91	To 3/24/91; Head bolts incl.; Incl. Square tooth timing belt; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.	MK-6207A	MK-1207A	Master w/o Pistons	
91-91	From 3/25/91; Head bolts incl.; Incl. Round tooth timing belt; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/rtr. lifters; Incl. 3/4 grooved main brgs.	MK-6207B	MK-1207B	Master w/o Pistons	
96-94	Exc. Eng. built in Mexico; Head bolts incl.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/rtr. lifters; Freeze plugs not incl.	505-6207C	505-1207C	Master w/o Rods & Mains	
93-93	From 2/10/93; Head bolts incl.; Int. manifold gskt. for Eng. built in Mexico not incl.; PermaDryPlus® molded rubber valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/rtr. lifters; Freeze plugs not incl.	505-6207C	505-1207C	Master w/o Rods & Mains	
6	2004 - 1995; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 3				6
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	97-95	222-B258		
1	Timing Belt Tensioner	97-95	222-376CT		
1	Belt Idler	97-95	222-351BT	Loc. L.H.	
1	Belt Idler	97-95	222-355BT	Loc. R.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	97-95	CS-1570	Loc. Exh.; Hydraulic	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	01-99	V-4595	Std Only	Chrome plated stem; 1.102" Head Dia., 0.237" Stem Dia., 3.801" O.A.L.
8	Exhaust	98	V-4489	Std Only	To 8/17/98; Chrome plated stem; 1.102" Head Dia., 0.2369" Stem Dia., 3.807" O.A.L.
8	Exhaust	98	V-4595	Std Only	From 8/18/98; Chrome plated stem; 1.102" Head Dia., 0.237" Stem Dia., 3.801" O.A.L.
8	Exhaust	97-95	V-4489	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2369" Stem Dia., 3.807" O.A.L.
8	Intake	04-99	V-4594	Std Only	1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.
8	Intake	98	V-4490	Std Only	To 8/17/98; Chrome plated stem; 1.26" Head Dia., 0.2376" Stem Dia., 3.823" O.A.L.
8	Intake	98	V-4594	Std Only	From 8/18/98; 1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.
8	Intake	97-95	V-4490	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2376" Stem Dia., 3.823" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
8	Spring	01-95	VS-1646	Std Only	Loc. Int.; 1.6457" Free Height
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	04-95	245-1187-51	Std Only	Loc. Exh.; 1.1945" OD, 0.905" ID, 0.257" Depth
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
4	Cast Piston	04-98	H872CP	Std.-50-.75-1.00MM	Hypereutectic; 1 -, 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.147 CD, Domed Head .032 high w/3 valve reliefs; DUROSHIELD® skirt coated piston, 0.7881" Pin Dia.
4	Cast Piston	97-95	H672P	Std.-50-.75-1.00MM	Hypereutectic; 1 -, 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.285 CD, Domed Head .050 high w/3 valve reliefs, 0.8121" Pin Dia.
4	Cast Piston - Individual	97-95	WH672P	Std.-50-.75-1.00MM	Hypereutectic; 1 -, 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.285 CD, Domed Head .050 high w/3 valve reliefs, 0.8121" Pin Dia.
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	01-95	E-910K	Std.-50-.75-1.00MM	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly
4	Premium Single Cylinder Set	01-95	WE-910K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	04-95	7193MA	Std.-25-.50MM	A-Series aluminum bearings
1	Main Set	02-95	158M	Std.-026MM	Race Performance
1	Rod Set	04-95	4-4135RA	Std.-25-.50MM	A-Series aluminum bearings
1	Rod Set	04-95	4-4135RA 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	02-95	4-7305CH	Std.-026MM	Race Performance
4	Rod Pair	04-95	4135RA	Std.-25-.50MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	04-98	224-43661		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

6 (cont.)		2004 - 1995; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 3				6 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	97-95	224-43659				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	99	260-1900	Head bolts not incl.; Exh. pipe packing not incl.; RTV sealant not incl. for Lower oil pan gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	98	260-1900	To 02/08/98; Head bolts not incl.; Exh. pipe packing not incl.; RTV sealant not incl. for Lower oil pan gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	98	260-1900	Head bolts not incl.; Exh. pipe packing not incl.; RTV sealant not incl. for Lower oil pan gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	98	260-1900	To 02/08/98; Head bolts not incl.; Exh. pipe packing not incl.; RTV sealant not incl. for Lower oil pan gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	97	260-1752	Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.			
1	Kit Gasket Set	96	260-1752	From 03/14/96; Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.			
1	Kit Gasket Set	96	260-1752	To 03/13/96; Head bolts not incl.; Premium valve stem seals incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.			
1	Kit Gasket Set	95	260-1752	Head bolts not incl.; Premium valve stem seals incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.			
1	Head Bolt Set	04-95	260-2550	Std Only	Replacement required; New Part Number - Check for Availability		
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
96-96	To 3/13/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6857	----		
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6857	----		
96-96	To 3/13/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6857M	----		
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6857M	----		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
96-96	To 3/13/96; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6126	----		
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6126	----		
7		2000 - 1995; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	97-95	222-B258				
1	Timing Belt Tensioner	97-96	222-376CT				
1	Belt Idler	97	222-351BT	Loc. L.H.			
1	Belt Idler	97-96	222-355BT	Loc. R.H.			
1	Belt Idler	96	222-351BT	Loc. L.H.			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	97-95	CS-1570	Loc. Exh.; Hydraulic			
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	00-99	V-4595	Std Only	Chrome plated stem; 1.102" Head Dia., 0.237" Stem Dia., 3.801" O.A.L.		
8	Exhaust	98	V-4489	Std Only	To 8/17/98; Chrome plated stem; 1.102" Head Dia., 0.2369" Stem Dia., 3.807" O.A.L.		
8	Exhaust	98	V-4595	Std Only	From 8/18/98; Chrome plated stem; 1.102" Head Dia., 0.237" Stem Dia., 3.801" O.A.L.		
8	Exhaust	97-95	V-4489	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2369" Stem Dia., 3.807" O.A.L.		
8	Intake	00-99	V-4594	Std Only	1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.		
8	Intake	98	V-4490	Std Only	To 8/17/98; Chrome plated stem; 1.26" Head Dia., 0.2376" Stem Dia., 3.823" O.A.L.		
8	Intake	98	V-4594	Std Only	From 8/18/98; 1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.		
8	Intake	97-95	V-4490	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2376" Stem Dia., 3.823" O.A.L.		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

7 (cont.)	2000 - 1995; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code Z					7 (cont.)
VALVETRAIN						
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	00-95	VS-1646	Std Only	Loc. Int.; 1.6457" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	00-95	245-1187-51	Std Only	Loc. Exh.; 1.1945" OD, 0.905" ID, 0.257" Depth	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	00-98	H872CP	Std.-50-.75-1.00MM	Hypereutectic; 1 -, 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.147 CD, Domed Head .032 high w/3 valve reliefs; DUROSHIELD® skirt coated piston, 0.7881" Pin Dia.	
4	Cast Piston	97-95	H672P	Std.-50-.75-1.00MM	Hypereutectic; 1 -, 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.285 CD, Domed Head .050 high w/3 valve reliefs, 0.8121" Pin Dia.	
4	Cast Piston - Individual	97-95	WH672P	Std.-50-.75-1.00MM	Hypereutectic; 1 -, 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.285 CD, Domed Head .050 high w/3 valve reliefs, 0.8121" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00-95	E-910K	Std.-50-.75-1.00MM	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly	
4	Premium Single Cylinder Set	00-95	WE-910K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	00-95	158M	Std.-026MM	Race Performance	
1	Main Set	00-95	7193MA	Std.-25-.50MM	A-Series aluminum bearings	
1	Rod Set	00-95	4-4135RA	Std.-25-.50MM	A-Series aluminum bearings	
1	Rod Set	00-95	4-4135RA 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	00-95	4-7305CH	Std.-026MM	Race Performance	
4	Rod Pair	00-95	4135RA	Std.-25-.50MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-95	224-43659			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	98	260-1900		To 02/08/98; Head bolts not incl.; Exh. pipe packing not incl.; RTV sealant not incl. for Lower oil pan gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design	
1	Kit Gasket Set	97	260-1752		Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.	
1	Kit Gasket Set	96	260-1752		From 03/14/96; Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.	
1	Kit Gasket Set	96	260-1752		To 03/13/96; Head bolts not incl.; Premium valve stem seals incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.	
1	Kit Gasket Set	95	260-1752		Head bolts not incl.; Premium valve stem seals incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.	
1	Head Bolt Set	00-95	260-2550	Std Only	Replacement required; New Part Number - Check for Availability	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
96-96	To 3/13/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6857	----
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6857	----
96-96	To 3/13/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6857M	----
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6857M	----
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
96-96	To 3/13/96; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6126	----
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6126	----
8	2004 - 2002; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 5					8
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Intake	04-02	V-4594	Std Only	1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	04-02	245-1187-51	Std Only	Loc. Exh.; 1.1945" OD, 0.905" ID, 0.257" Depth	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-02	7193MA	Std.-25-.50MM	A-Series aluminum bearings	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

8 (cont.)		2004 - 2002; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 5				8 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02	158M	Std-.026MM	Race Performance		
1	Rod Set	04-02	4-4135RA	Std-.25-.50MM	A-Series aluminum bearings		
1	Rod Set	04-02	4-4135RA 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	02	4-7305CH	Std-.026MM	Race Performance		
4	Rod Pair	04-02	4135RA	Std-.25-.50MM	A-Series aluminum bearings		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	04-02	260-2550	Std Only	Replacement required; New Part Number - Check for Availability		
9		2004 - 1997; 2.0L 121 (1988cc) SOHC L4 (8 Valve), 84.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code P				9	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	04-97	CS-1532		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 186 Exh., 186 Int., 134 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	04-97	HT-2217	Std Only	Hyd. rlr.		
8	Lifter, Bulk	04-97	HT-2217B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	04-97	KC-1532		Hyd. rlr.; (1) 55-403B; (1) CS-1532; (8) HT-2217		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	04-99	R-1053	Std Only	Incl. arm, ball & nut		
8	Arm Assy., Bulk	04-99	R-1053B	Std Only	Incl. arm, ball & nut; Carton of 64		
8	Arm	04-99	R-904A	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	04-97	V-4655	Std Only	Chrome plated stem; 1.457" Head Dia., 0.3151" Stem Dia., 5.108" O.A.L.		
4	Intake	04-97	V-4567	Std-3	Chrome plated stem; 1.732" Head Dia., 0.313" Stem Dia., 5.268" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	04-97	ST-2130	Std Only	Positive type; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	04-97	VK-204	Std Only	3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	99-97	H848CP	Std-.50-.75-1.00MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.265 CD, Domed Head; Contoured w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.8126" Pin Dia.		
4	Cast Piston - Individual	99-97	WH848CP	Std-.50-.75MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.265 CD, Domed Head; Contoured w/2 valve reliefs; DUROSHIELD® skirt coated piston		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	04-97	E-923K	Std-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
4	Premium Single Cylinder Set	04-97	WE-923K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-97	6695MA	Std-.25-.50-.75MM	A-Series aluminum bearings; 3/4 grooved		
1	Rod Set	04-97	4-1400AA	Std-.25-.50-.75MM	A-Series aluminum bearings		
4	Rod Pair	04-97	1400AA	Std-.25-.50-.75MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-97	224-43564				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	04-00	260-1897		Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		
1	Kit Gasket Set	99-97	260-1894		Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
04-03	Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring	205-6943	----
02-01	Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring	205-6943	----
00-00	Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Re-ring	205-6943	----

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

9 (cont.)	2004 - 1997; 2.0L 121 (1988cc) SOHC L4 (8 Valve), 84.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code P				9 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
99-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring		205-6942	----
99-97	Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring		205-6941	----
04-03	Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6943M	----
02-01	Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6943M	----
00-00	Head bolts not incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6943M	----
99-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6942M	----
99-97	Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6941M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
99-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6108	----
99-97	Head bolts incl.; PermaDryPlus® valve cover gskt. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6107	----
10	1997 - 1993; 2.0L 121.5 (1991cc) DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code A, Eng. Code FS-DE				10
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	97-93	222-B214	192 Teeth	
1	Timing Belt	97-93	222-B228	135 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	97-93	HT-2276	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	97-93	V-4518	Std Only Chrome plated stem; 1.089" Head Dia., 0.2354" Stem Dia., 3.543" O.A.L.	
8	Intake	97-93	V-4517	Std Only Chrome plated stem; 1.24" Head Dia., 0.235" Stem Dia., 3.534" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	97-93	VG-1388T	Std Only Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	97-93	ST-2079	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	97-93	VK-285	Std Only	
BLOCK					
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	97-93	E-635KC	Std.-50-1.00MM 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-93	7361M	Std.-25-.50MM	
1	Thrust Washer Set	97-93	4766F	Std Only Loc. 4	
4	Rod Pair	97-93	4765P	Std.-25-.50MM	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	97-93	224-43570		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	97-93	260-1690	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
1	Head Bolt Set	97-93	260-2524	Std Only Replacement required	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

10 (cont.)		1997 - 1993; 2.0L 121.5 (1991cc) DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code A, Eng. Code FS-DE				10 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6401	----	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6401M	----	
11		2011 - 2005; 2.0L 122 (1999cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				11	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	11-06	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.		
8	Exhaust	05	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.		
8	Intake	11-06	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.		
8	Intake	05	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.		
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	11-05	224-43660	Replaces OEM CM5Z6600-A, 1S7Z6600-AA			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	08-06	260-1982	California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	05	260-1981	California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
12		1992 - 1991; 2.2L 133 (2184cc) SOHC L4 (12 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code C, Eng. Code F2				12	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	92-91	222-134				
1	Timing Belt Tensioner	92-91	222-166BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	92-91	HT-2254	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	92-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92-91	V-2614	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2745" Stem Dia., 4.57" O.A.L.		
4	Intake	92-91	V-2615	Std Only	Chrome plated stem; 1.28" Head Dia., 0.2747" Stem Dia., 4.562" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	92-91	VG-1376	Std Only	Incl. lock ring; Threaded; 0.2765" ID, 2.088" O.A.L.		
8	Guide	92-91	VG-927	Std Only	0.2761" ID, 2.0867" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
4	Spring	92-91	VS-1573	Std Only	Loc. Exh.; 1.945" Free Height		
8	Spring	92-91	VS-1574	Std Only	Loc. Int.; 1.922" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	92-91	ST-2118	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	92-91	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-542K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	92-91	E-542KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	92-91	E-542X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	92-91	WE-542KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	6692M	Std-25-50-75MM			
1	Rod Set	92-91	4-3975P	Std-25-50-75-1.00MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	92-91	224-41995				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	92-91	260-1765	Exh. manifold heat shield not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.			

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

12 (cont.)	1992 - 1991; 2.2L 133 (2184cc) SOHC L4 (12 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code C, Eng. Code F2					12 (cont.)
KITS						
RE-RING KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
92-91	Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6861	205-1861
92-91	Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6861M	205-1861M
13 1992 - 1991; 2.2L 133 (2184cc) SOHC L4 (12 Valve), 86mm Bore; MFI; Gasoline; Turbo - Intercooled Mazda Eng.; VIN Code L, Eng. Code F2-T 13						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	92-91	222-134			
1	Timing Belt Tensioner	92-91	222-166BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	92-91	HT-2254	Std Only	Hyd. lash adj.	
12	Lifter, Bulk	92-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Intake	92-91	V-2615	Std Only	Chrome plated stem; 1.28" Head Dia., 0.2747" Stem Dia., 4.562" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	92-91	VG-1376	Std Only	Incl. lock ring; Threaded; 0.2765" ID, 2.088" O.A.L	
8	Guide	92-91	VG-927	Std Only	0.2761" ID, 2.0867" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
4	Spring	92-91	VS-1573	Std Only	Loc. Exh.; 1.945" Free Height	
8	Spring	92-91	VS-1574	Std Only	Loc. Int.; 1.922" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	92-91	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92-91	E-542K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	92-91	E-542KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
4	Premium Single Cylinder Set	92-91	WE-542KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	92-91	6692M	Std-25-50-75MM		
1	Rod Set	92-91	4-3975P	Std-25-50-75-1.00MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	92-91	224-41995			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1765		Turbo mtg. gskts. not incl.; Exh. manifold heat shield not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
92-91	Turbo mtg. gskts. not incl.; Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6861	----
92-91	Turbo mtg. gskts. not incl.; Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6861M	----
14 2009 - 2003; 2.3L 138 (2261cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec PZEV; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Z 14						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	09-03	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.	
8	Intake	09-03	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-03	E-973KC	Std-50-75-1.00MM	1-1.20MM, 1-1.20MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-03	7411MA	Std-25-50MM		
1	Rod Set	05-03	4-4930A	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	09-03	224-43630		Replaces OEM 3M4Z6600-BA	
1	Screen Assy.	09-03	224-14290		Replaces OEM 6M8Z6622-AA	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

14 (cont.)		2009 - 2003; 2.3L 138 (2261cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec PZEV; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Z				14 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08	260-1983		Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	08	260-1984		California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	07	260-1982		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	07-06	260-1983		Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	07-06	260-1984		California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	06	260-1981		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	05	260-1981		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	04	260-1980		To 04/04/04; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	04	260-1981		From 04/05/04; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	03	260-1980		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
15		1993 - 1991; 2.3L 140 (2302cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code M				15	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	93	222-B210				
1	Timing Belt	92	222-14		To 1/13/92; Use w/square tooth sprocket		
1	Timing Belt	92	222-B210		From 1/13/92; Use w/round tooth sprocket		
1	Timing Belt	91	222-14				
1	Timing Belt Tensioner	93-91	222-11BT				
1	Timing Belt & Tensioner Set	92-91	BTS-14		Use w/square tooth sprocket		
1	Crank Sprocket	92	223-447		To 1/13/92; 19 Teeth		
1	Crank Sprocket	91	223-447		19 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	93-91	HT-2012	Std Only	Hyd. lash adj.; Std. length		
8	Lifter, Bulk	93-91	HT-2012B	Std Only	Hyd. lash adj.; Std. length; Carton of 120		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	93-91	V-3943	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.792" O.A.L.		
4	Intake	93-91	V-2170	Std-15	Chrome plated stem; 1.735" Head Dia., 0.3419" Stem Dia., 4.787" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	93-91	VG-5045	Std Only	0.344" ID, 2.18" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
4	Valve Stem Seal	93-91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	93-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
4	Seat	93-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
4	Seat	93-91	245-1812-2	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	93-91	VK-205	Std Only	4 groove		
16	Keeper	93-91	VK-205R	Std Only	4 groove; Hardened		
8	Spring Insert	93-91	259-102A	Std Only	.060"; Carton of 100		
8	Spring Insert	93-91	259-102ARS	Std Only	.060"; Carton of 500		
8	Spring Insert	93-91	259-102B	Std Only	.030"; Carton of 100		
8	Spring Insert	93-91	259-102C	Std Only	.015"; Carton of 100		
8	Spring Insert	93-91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	93-91	H537P	Std-20-30-40-60	Use w/E-442KC or E-442X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.575 CD, Flat Head w/2 valve reliefs, 0.9122" Pin Dia.		
4	Cast Piston	91	H435P	Std-20-30-40-60	Use w/E-352K or E-352X ring set; Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.76mm Groove, 1.578 CD, Flat Head w/2 valve reliefs - 8.7:1 C.R., 0.9122" Pin Dia.		
4	Cast Piston - Individual	93-91	WH537P	Std-20-30-40-60	Use w/WE-442KC or WE-442X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.575 CD, Flat Head w/2 valve reliefs, 0.9122" Pin Dia.		
4	Cast Piston - Individual	91	WH435P	Std-20-30-40-60	Use w/WE-352K or WE-352X ring set; Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.76mm Groove, 1.578 CD, Flat Head w/2 valve reliefs - 8.7:1 C.R., 0.9122" Pin Dia.		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

15 (cont.)	1993 - 1991; 2.3L 140 (2302cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code M				15 (cont.)	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-442KC	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Premium Set	91	E-352K	Std.-50-.75-1.00MM	2-2.00MM, 1-4.76MM; Premium Moly	
1	Standard Set	93-91	E-442X	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron	
1	Standard Set	91	E-352X	Std.-50-.75-1.00-1.50MM	2-2.00MM, 1-4.76MM; Iron	
4	Premium Single Cylinder Set	93-91	WE-442KC	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
4	Premium Single Cylinder Set	91	WE-352K	Std.-50-.75-1.00-1.50MM	2-2.00MM, 1-4.76MM; Premium Moly	
4	Standard Single Cylinder Set	91	WE-352X	Std.-50-.75-1.00-1.50MM	2-2.00MM, 1-4.76MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	7291MA	Std.-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	93-91	4-3545A	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings	
1	Rod Set	93-91	4-7180CH	Std-1-1X-10	Race Performance	
4	Rod Pair	93-91	3545A	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings	
1	Cam Set	93-91	1443M	Std Only		
1	Cam Set	93-91	1842M	Std Only	Spec. oil control brg., differs from O.E. design, 360 Degree OD groove	
1	Aux. Shaft Set	93-91	1460M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-91	224-41127			
1	Oil Pump	93-91	224-41160V		High Volume; Not for use w/Alum. oil pan	
1	Inter. Shaft	93-91	224-61160			
1	Screen Assy.	93-91	224-13160			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93	260-1696		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92-91	260-1448		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	93-91	260-2510	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-91	381-8029			
1	Brass Shallow Cup Freeze Plug	93-91	381-7059		2.063" Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
93-93	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6336	205-1336
93-93	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6336M	205-1336M
92-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6119	205-1119
92-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6119M	205-1119M
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
93-93	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6111	----
92-91	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6110	----
91-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6114	----
93-93	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6111	----
92-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. H537P piston		Block Kit w/Oil Pump & Freeze Plugs		BKP-6110	----
91-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. H435P piston		Block Kit w/Oil Pump & Freeze Plugs		BKP-6114	----

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

16		1994 - 1991; 2.3L 140 OHV L4 (8 Valve), 3.68" Bore HSC; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X				16	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	94-91	KT3-505S		(1) 222-505; (1) 223-617; (1) 223-618		
1	Timing Chain	94-91	222-505		46 Links		
1	Timing Chain Tensioner	94-91	222-127CT				
1	Crank Sprocket	94-91	223-617		18 Teeth		
1	Cam Sprocket	94-91	223-618		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	94-91	HT-900	Std Only	Hyd.		
8	Lifter, Bulk	94-91	HT-900B	Std Only	Hyd.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	94-92	KC-1504		Hyd.; (1) 55-403B; (1) CS-1504; (8) HT-900		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
8	Push Rod	94-91	RP-3245	Std Only	8.878" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	94-91	R-948	Std Only	Incl. arm & pivot		
8	Arm Assy., Bulk	94-91	R-948B	Std Only	Incl. arm & pivot; Carton of 32		
8	Bolt	94-91	MR-1916	Std Only			
8	Pivot	94-91	MR-1811	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	94-91	V-3943	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.792" O.A.L.		
4	Intake	94-91	V-2456	Std-15	Chrome plated stem; 1.7323" Head Dia., 0.3415" Stem Dia., 4.7854" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
4	Valve Stem Seal	94-91	ST-2003	Std Only	Loc. Exh.; Sealed Power Premium design; Positive type; Installation requires valve guide machining; (RBB) Rubber		
4	Valve Stem Seal	94-91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber		
4	Valve Stem Seal Bulk	94-91	ST-2003BC	Std Only	Loc. Exh.; Sealed Power Premium design; Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	94-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
4	Seat	94-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
4	Seat	94-91	245-1812-2	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	94-91	VK-205	Std Only	4 groove		
16	Keeper	94-91	VK-205R	Std Only	4 groove; Hardened		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	94-91	489P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.500 CD, Flat Head - 9.0:1 C.R., 0.9122" Pin Dia.		
4	Cast Piston - Individual	94-91	W489P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.500 CD, Flat Head - 9.0:1 C.R., 0.9122" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-465K 20	20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Standard Set	94-91	E-465X	Std-20-40	2-5/64, 1-3/16; Iron		
4	Premium Single Cylinder Set	94-91	WE-465K 20	20-30-40	2-5/64, 1-3/16; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	5130M	Std-10-30			
1	Rod Set	94-91	4-1035CP	Std-10-20-30			
4	Rod Pair	94-91	1035CP	Std-10-30			
1	Cam Set	94-91	1494M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-91	224-41100				
1	Inter. Shaft	94-91	224-61120				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-91	260-1437		Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	94-91	381-8063				
1	Brass Shallow Cup Freeze Plug	94-91	381-7074		2.188" Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-91	Premium valve stem seals incl.			Re-ring	205-6107	205-1107	
94-91	Premium valve stem seals incl.			Re-ring w/Mains	205-6107M	205-1107M	
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-91	Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6115	----	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

16 (cont.)	1994 - 1991; 2.3L 140 OHV L4 (8 Valve), 3.68" Bore HSC; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X				16 (cont.)	
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
94-91	Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6115	----
94-92	Premium valve stem seals incl.		Master		MKP-6209D	MKP-1209D
91-91	Premium valve stem seals incl.; Freeze plugs not incl.		Master		MKP-6107A	MKP-1107A
94-92	Premium valve stem seals incl.		Master w/o Pistons		MK-6209D	MK-1209D
91-91	Premium valve stem seals incl.; Freeze plugs not incl.		Master w/o Pistons		MK-6107A	MK-1107A
94-92	Premium valve stem seals incl.		Master w/o Rods & Mains		505-6209D	505-1209D
91-91	Premium valve stem seals incl.; Freeze plugs not incl.		Master w/o Rods & Mains		505-6107A	505-1107A
17						
1991; 2.3L 140 OHV L4 (8 Valve), 3.68" Bore HSC H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code S						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	91	KT3-505S		(1) 222-505; (1) 223-617; (1) 223-618	
1	Timing Chain	91	222-505		46 Links	
1	Timing Chain Tensioner	91	222-127CT			
1	Crank Sprocket	91	223-617		18 Teeth	
1	Cam Sprocket	91	223-618		36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	91	HT-900	Std Only	Hyd.	
8	Lifter, Bulk	91	HT-900B	Std Only	Hyd.; Carton of 122	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
8	Push Rod	91	RP-3245	Std Only	8.878" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
8	Arm Assy.	91	R-948	Std Only	Incl. arm & pivot	
8	Arm Assy., Bulk	91	R-948B	Std Only	Incl. arm & pivot; Carton of 32	
8	Bolt	91	MR-1916	Std Only		
8	Pivot	91	MR-1811	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	91	V-3943	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.792" O.A.L.	
4	Intake	91	V-2456	Std-15	Chrome plated stem; 1.7323" Head Dia., 0.3415" Stem Dia., 4.7854" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
4	Valve Stem Seal	91	ST-2003	Std Only	Loc. Exh.; Sealed Power Premium design; Positive type; Installation requires valve guide machining; (RBB) Rubber	
4	Valve Stem Seal	91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber	
4	Valve Stem Seal Bulk	91	ST-2003BC	Std Only	Loc. Exh.; Sealed Power Premium design; Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
4	Seat	91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
4	Seat	91	245-1812-2	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	91	VK-205	Std Only	4 groove	
16	Keeper	91	VK-205R	Std Only	4 groove; Hardened	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	91	489P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.500 CD, Flat Head - 9.0:1 C.R., 0.9122" Pin Dia.	
4	Cast Piston - Individual	91	W489P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.500 CD, Flat Head - 9.0:1 C.R., 0.9122" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-465K 20	20-30-40-60	2-5/64, 1-3/16; Premium Moly	
1	Standard Set	91	E-465X	Std-20-40	2-5/64, 1-3/16; Iron	
4	Premium Single Cylinder Set	91	WE-465K 20	20-30-40	2-5/64, 1-3/16; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	5130M	Std-10-30		
1	Rod Set	91	4-1035CP	Std-10-20-30		
4	Rod Pair	91	1035CP	Std-10-30		
1	Cam Set	91	1494M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-41100			
1	Inter. Shaft	91	224-61120			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1437		Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

17 (cont.)		1991; 2.3L 140 OHV L4 (8 Valve), 3.68" Bore HSC H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code S				17 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	91	381-8063				
1	Brass Shallow Cup Freeze Plug	91	381-7074	2.188" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
91-91	Premium valve stem seals incl.			205-6107	205-1107		
91-91	Premium valve stem seals incl.			205-6107M	205-1107M		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
91-91	Premium valve stem seals incl.			BK-6115	----		
91-91	Premium valve stem seals incl.			BKP-6115	----		
18		2002 - 2001; 2.5L 152 (2495cc) DOHC V6 (24 Valve), 81.6mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				18	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
24	Lifter	02-01	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	02-01	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
24	Arm	02-01	R-1141	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
12	Exhaust	02-01	V-4483	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.		
12	Intake	02-01	V-4519	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2356" Stem Dia., 4.52" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
24	Guide	02-01	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
12	Seat	02-01	245-1125-52	Std Only	Loc. Exh.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth		
12	Seat	02-01	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
48	Keeper	02-01	VK-288	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	02-01	7262MA	Std.-25.-50MM	A-Series aluminum bearings		
1	Main Set	02-01	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Rod Set	02-01	6-4395A	Std.-25.-50MM	A-Series aluminum bearings		
6	Rod Pair	02-01	4395A	Std.-25MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	02-01	224-43658				
19		2002 - 2001; 2.5L 152 (2495cc) DOHC V6 (24 Valve), 81.6mm Bore Duratec H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G				19	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
24	Lifter	02-01	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	02-01	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
24	Arm	02-01	R-1141	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
12	Exhaust	02-01	V-4483	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.		
12	Intake	02-01	V-4519	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2356" Stem Dia., 4.52" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
24	Guide	02-01	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
12	Seat	02-01	245-1125-52	Std Only	Loc. Exh.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth		
12	Seat	02-01	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
48	Keeper	02-01	VK-288	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	02-01	7262MA	Std.-25.-50MM	A-Series aluminum bearings		
1	Main Set	02-01	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Rod Set	02-01	6-4395A	Std.-25.-50MM	A-Series aluminum bearings		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

19 (cont.)		2002 - 2001; 2.5L 152 (2495cc) DOHC V6 (24 Valve), 81.6mm Bore Duratec H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G				19 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Rod Pair	02-01	4395A	Std.-25MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-01	224-43658				
20		1997 - 1993; 2.5L 152 (2497cc) DOHC V6 (24 Valve), 84.5mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; VIN Code B, Eng. Code KL-ZE				20	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	97-93	222-B214		192 Teeth		
1	Timing Belt Tensioner	97-93	222-1324BT				
1	Timing Belt & Tensioner Set	97-93	BTS-214				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	97-93	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	97-93	V-4516	Std Only	Chrome plated stem; 1.086" Head Dia., 0.235" Stem Dia., 3.741" O.A.L.		
12	Intake	97-93	V-4515	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2352" Stem Dia., 3.698" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	97-93	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	97-93	ST-2116	Std Only	Loc. Int. & Exh.; Positive type; (SLC) Silicone		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	97-93	668CP	Std.-50MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.380 CD, Recessed Head .040 deep x .190 dia. w/8 valve reliefs overlaying each other for L.H. or R.H. combination; DUROSHIELD® skirt coated piston, 0.7874" Pin Dia.		
6	Cast Piston - Individual	97-93	W668CP	Std.-50MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.380 CD, Recessed Head .040 deep x .190 dia. w/8 valve reliefs overlaying each other for L.H. or R.H. combination; DUROSHIELD® skirt coated piston, 0.7874" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-93	E-636KC	Std.-50MM	2-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-93	7347M	Std.-25-50MM			
1	Thrust Washer Set	97-93	4697F	Std Only	Loc. 4		
1	Rod Set	97-93	6-4695A	Std.-25-50MM	A-series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-93	224-43591				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-96	260-1716		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-93	260-1715		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
97-96	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.					205-6402A	----
95-93	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.					205-6402	----
97-96	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.					205-6402AM	----
95-93	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.					205-6402M	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
97-96	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings					BK-6294	----
95-93	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.					BK-6292	----
21		1991; 2.5L 153 OHV L4 (8 Valve), 3.68" Bore HSC; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				21	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	91	KT3-505S		(1) 222-505; (1) 223-617; (1) 223-618		
1	Timing Chain	91	222-505		46 Links		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

21 (cont.)		1991; 2.5L 153 OHV L4 (8 Valve), 3.68" Bore HSC; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				21 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain Tensioner	91	222-127CT				
1	Crank Sprocket	91	223-617		18 Teeth		
1	Cam Sprocket	91	223-618		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	91	HT-900	Std Only	Hyd.		
8	Lifter, Bulk	91	HT-900B	Std Only	Hyd.; Carton of 122		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	91	V-3943	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.792" O.A.L.		
4	Intake	91	V-2170	Std-15	Chrome plated stem; 1.735" Head Dia., 0.3419" Stem Dia., 4.787" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
4	Valve Stem Seal	91	ST-2003	Std Only	Loc. Exh.; Sealed Power Premium design; Positive type; Installation requires valve guide machining; (RBB) Rubber		
4	Valve Stem Seal	91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber		
4	Valve Stem Seal Bulk	91	ST-2003BC	Std Only	Loc. Exh.; Sealed Power Premium design; Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	91	245-1562-36	Std Only	Loc. Exh.; 1.567" OD, 1.3125" ID, 0.186" Depth		
4	Seat	91	245-1812-2	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	91	VK-205	Std Only	4 groove		
16	Keeper	91	VK-205R	Std Only	4 groove; Hardened		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	91	E-465K 20	20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Standard Set	91	E-465X	Std-20-40	2-5/64, 1-3/16; Iron		
4	Premium Single Cylinder Set	91	WE-465K 20	20-30-40	2-5/64, 1-3/16; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	5130M	Std-10-30			
1	Rod Set	91	4-1035CP	Std-10-20-30			
4	Rod Pair	91	1035CP	Std-10-30			
1	Cam Set	91	1494M	Std Only			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	91	381-8063				
1	Brass Shallow Cup Freeze Plug	91	381-7074		2.188" Diameter		
22		2000 - 1995; 2.5L 155 (2544cc) DOHC V6 (24 Valve), 82.4mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				22	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	00-96	KT-4010S		Incl. sprockets, chains, tensioners, arms & guides		
2	Timing Chain	00-95	222-392				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	00-95	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	00-95	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
24	Arm	00-95	R-1141	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	00-95	V-4483	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.		
12	Intake	00-95	V-4519	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2356" Stem Dia., 4.52" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	00-95	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	00-95	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	00-95	245-1125-52	Std Only	Loc. Exh.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth		
12	Seat	00-95	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	00-95	VK-288	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	99	H663CP	Std-50-75-1.00-1.25MM	To 3/14/99; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

22 (cont.)	2000 - 1995; 2.5L 155 (2544cc) DOHC V6 (24 Valve), 82.4mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				22 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	98-95	H663CP	Std.-50-.75-1.00-1.25MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
6	Cast Piston - Individual	99	WH663CP	Std.-50-.75-1.00-1.25MM	To 3/15/99; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
6	Cast Piston - Individual	98-95	WH663CP	Std.-50-.75-1.00-1.25MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	00	E-926K	Std.-50-.75-1.00MM	From 03/15/99; Use w/H849CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	99	E-926K	Std.-50-.75-1.00MM	From 3/15/99; Use w/H849CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	99	E-926K	Std.-50-.75-1.00MM	To 3/14/99; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	98-95	E-926K	Std.-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	00-95	7262MA	Std.-25-.50MM	A-Series aluminum bearings
1	Main Set	00-95	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD
1	Rod Set	00-95	6-4395A	Std.-25-.50MM	A-Series aluminum bearings
6	Rod Pair	00-95	4395A	Std.-25MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	00-95	224-43658		
23	2000 - 1998; 2.5L 155 (2544cc) DOHC V6 (24 Valve), 82.4mm Bore Duratec H.O.; MFI;				23
Gasoline; Naturally Aspirated Ford Eng.; VIN Code G					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Complete Set	00-98	KT-4010S		Incl. sprockets, chains, tensioners, arms & guides
2	Timing Chain	00-98	222-392		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	00-98	HT-2271	Std Only	Hyd. lash adj.
24	Lifter, Bulk	00-98	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
24	Arm	00-98	R-1141	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
12	Exhaust	00-98	V-4483	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.
12	Intake	00-98	V-4519	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2356" Stem Dia., 4.52" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
24	Guide	00-98	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
24	Valve Stem Seal	00-98	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
12	Seat	00-98	245-1125-52	Std Only	Loc. Exh.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth
12	Seat	00-98	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
48	Keeper	00-98	VK-288	Std Only	Loc. Int. & Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	00-98	H849CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .096 high x 2.116 dia.; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
6	Cast Piston	99	H663CP	Std.-50-.75-1.00-1.25MM	To 3/14/99; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
6	Cast Piston	98	H663CP	Std.-50-.75-1.00-1.25MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
6	Cast Piston - Individual	99	WH663CP	Std.-50-.75-1.00-1.25MM	To 3/15/99; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
6	Cast Piston - Individual	98	WH663CP	Std.-50-.75-1.00-1.25MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .057 high; DUROSHIELD® skirt coated piston, 0.8273" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

23 (cont.)		2000 - 1998; 2.5L 155 (2544cc) DOHC V6 (24 Valve), 82.4mm Bore Duratec H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G				23 (cont.)	
BLOCK							
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00	E-926K	Std-50-75-1.00MM	From 03/15/99; Use w/H849CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	99	E-926K	Std-50-75-1.00MM	From 3/15/99; Use w/H849CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	99	E-926K	Std-50-75-1.00MM	To 3/14/99; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	98	E-926K	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-98	7262MA	Std-25-50MM	A-Series aluminum bearings		
1	Main Set	00-98	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Rod Set	00-98	6-4395A	Std-25-50MM	A-Series aluminum bearings		
6	Rod Pair	00-98	4395A	Std-25MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	00-98	224-43658				
24		2009 - 2005; 3.0L 181 (2967cc) DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 1				24	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	09-05	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	09-05	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	09-05	V-4556	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.		
12	Intake	07-05	V-4565	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2356" Stem Dia., 4.51" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	09-05	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	09-05	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	09-05	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	09	VK-288	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
6	Pin Bushing	09-05	4399YA				
6	Pin Bushing	07-05	4399Y	Superseded - When depleted use 4399YA			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-05	7262MA	Std-25-50MM	A-Series aluminum bearings		
1	Main Set	05	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Rod Set	07-05	6-4395A	Std-25-50MM	A-Series aluminum bearings		
6	Rod Pair	07-05	4395A	Std-25MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	07-06	224-43658				
1	Oil Pump	05	224-43658				
25		2005 - 1996; 3.0L 181 (2967cc) DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code S				25	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Complete Set	00-96	KT-4010S	Incl. sprockets, chains, tensioners, arms & guides			
2	Timing Chain	00	222-392				
2	Timing Chain	99	222-392				
2	Timing Chain	98	222-392				
2	Timing Chain	97-96	222-392				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	04	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter	03-01	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter	00-96	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	04	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
24	Lifter, Bulk	03-01	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
24	Lifter, Bulk	00-96	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
24	Arm	03-96	R-1141	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	05	V-4556	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.		
12	Exhaust	05	V-4597	Std Only	1.181" Head Dia., 0.2154" Stem Dia., 3.614" O.A.L.		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

25 (cont.)	2005 - 1996; 3.0L 181 (2967cc) DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code S				25 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
12	Exhaust	04	V-4556	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.
12	Exhaust	04	V-4597	Std Only	1.181" Head Dia., 0.2154" Stem Dia., 3.614" O.A.L.
12	Exhaust	03-01	V-4556	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.
12	Exhaust	03-01	V-4597	Std Only	1.181" Head Dia., 0.2154" Stem Dia., 3.614" O.A.L.
12	Exhaust	00-96	V-4556	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.
12	Intake	05	V-4565	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2356" Stem Dia., 4.51" O.A.L.
12	Intake	05	V-4596	Std Only	1.378" Head Dia., 0.2159" Stem Dia., 3.642" O.A.L.
12	Intake	04	V-4565	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2356" Stem Dia., 4.51" O.A.L.
12	Intake	04	V-4596	Std Only	1.378" Head Dia., 0.2159" Stem Dia., 3.642" O.A.L.
12	Intake	03-01	V-4565	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2356" Stem Dia., 4.51" O.A.L.
12	Intake	03-01	V-4596	Std Only	1.378" Head Dia., 0.2159" Stem Dia., 3.642" O.A.L.
12	Intake	00-96	V-4565	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2356" Stem Dia., 4.51" O.A.L.
VALVE GUIDE					
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
24	Guide	05	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L
24	Guide	04	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L
24	Guide	03-01	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L
24	Guide	00-96	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L
VALVE SEAL					
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
24	Valve Stem Seal	05	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
24	Valve Stem Seal	04	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
24	Valve Stem Seal	03-01	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
24	Valve Stem Seal	00-96	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
VALVE, MISC					
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
48	Keeper	05	VK-288	Std Only	Loc. Int. & Exh.
48	Keeper	04	VK-288	Std Only	Loc. Int. & Exh.
48	Keeper	03-01	VK-288	Std Only	Loc. Int. & Exh.
48	Keeper	00-96	VK-288	Std Only	Loc. Int. & Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	02	H881CP	Std-50-.75-1.00MM	Use w/E-931K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.
6	Cast Piston	01-96	H662CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .027 high; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
6	Cast Piston	01-96	H881CP	Std-50-.75-1.00MM	Late style piston will replace H662CP in sets only; Use w/E-931K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.
6	Cast Piston - Individual	01-96	WH662CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .027 high; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
6	Pin Bushing	05-96	4399Y		Superseded - When depleted use 4399YA
6	Pin Bushing	05-96	4399YA		
RINGS					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	02	E-931K	Std-50-.75-1.00MM	Use w/H881CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	01-96	E-931K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
ENGINE BEARINGS					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-96	7262MA	Std-25-.50MM	A-Series aluminum bearings
1	Main Set	05-96	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD
1	Rod Set	05-96	6-4395A	Std-25-.50MM	A-Series aluminum bearings
6	Rod Pair	05-96	4395A	Std-.25MM	A-Series aluminum bearings
OIL PUMP					
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	05-96	224-43658		
26 1995 - 1991; 3.0L 183 (2982cc) DOHC V6 (24 Valve), 89mm Bore SHO; MFI; Gasoline; Naturally Aspirated Yamaha Eng.; VIN Code Y 26					
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
12	Exhaust	95-91	V-4504X	Std Only	Chrome plated stem; 1.18" Head Dia., 0.235" Stem Dia., 3.816" O.A.L.
VALVE SEAT					
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	95-91	245-1437-2	Std Only	Loc. Int.; 1.4425" OD, 1.219" ID, 0.216" Depth
6	Seat	95-91	245-1437-2N	Std Only	Loc. Int.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth
BLOCK					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Head Bolt Set	95-91	260-2528	Std Only	Replacement recommended

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

27		1998 - 1993; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code 1			27
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	98-93	KT3-374S	(1) 222-374; (1) 223-636; (1) 223-649	
1	Timing Chain	98-93	222-374	62 Links	
1	Crank Sprocket	98-93	223-649	19 Teeth	
1	Cam Sprocket	98-93	223-636	38 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	98-93	CS-1520	Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.	
1	Prelube		55-400	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	1.5 oz. packet	
12	Lifter	98-93	HT-2205	Hyd. rlr.	
12	Lifter, Bulk	98-93	HT-2205B	Hyd. rlr.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	98-93	KC-1520	Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	98-97	RP-3351	5.297" O.A.L.	
12	Push Rod	96-93	RP-3337	5.328" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	98-93	R-1007	Incl. arm & pivot	
12	Pivot	98-93	MR-1881		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	98-93	V-3957	Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.	
6	Intake	98-93	V-2448	Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.	
6	Intake, Bulk	98-93	V-2448B 15	Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
12	Guide	98-93	VG-5085T	0.315" ID, 2.2" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
12	Spring	98-93	VS-1462	1.84" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
6	Valve Stem Seal	98-97	ST-2044	Loc. Int.; Positive type; (RBB) Rubber	
6	Valve Stem Seal	98-97	ST-2090	Loc. Exh.; Positive type; (V) Fluoroelastomer	
6	Valve Stem Seal	96-93	ST-2102	Loc. Int.; Positive type; (RBB) Rubber	
6	Valve Stem Seal	96-93	ST-2103	Loc. Exh.; Positive type; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
6	Seat	98-93	245-1437-2	Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth	
6	Seat	98-93	245-1437-2N	Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth	
6	Seat	98-93	245-1750-2	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth	
6	Seat	98-93	245-1750-2N	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
24	Keeper	98-93	VK-204	3 groove; w/.3125 Stem Dia.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
6	Cast Piston	98-93	H497P	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.	
6	Cast Piston - Individual	98-93	WH497P	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	98-93	E-446K	2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	98-93	E-446KC	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	98-93	E-446X	2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	98-93	WE-446K	2-1.50MM, 1-4.00MM; Premium Moly	
6	Standard Single Cylinder Set	98-93	WE-446X	2-1.50MM, 1-4.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	98-93	7011MA	A-Series aluminum bearings	
1	Rod Set	98-93	6-1220RA	A-Series aluminum bearings	
1	Rod Set	98-93	6-1220RA 25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability	
1	Rod Pair	98-93	1220RA	A-Series aluminum bearings	
1	Rod Pair	98-93	1220RA 25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability	
1	Cam Set	98-93	1843M	Full round design	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	98-95	224-41101		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

27 (cont.)	1998 - 1993; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code 1				27 (cont.)
BLOCK					
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	98-96	260-1691	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-93	260-1627	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	98	260-2515	Std Only	To 07/31/98; Replacement recommended
2	Head Bolt Set	98	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability
1	Head Bolt Set	97-93	260-2515	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	98-93	381-8072		
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring		205-6379	205-1379
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6379M	205-1379M
95-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring		205-6424	205-1424
95-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6424M	205-1424M
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
95-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6122	----
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6123	----
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6122	----
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master		MKP-6379A	MKP-1379A
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master		MKP-6337A	MKP-1337A
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-6379A	MK-1379A
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons		MK-6337A	MK-1337A
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6379A	505-1379A
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6337A	505-1337A
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6123	----
28					
2007 - 1996; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code 2					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	06	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	05	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	04	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	03	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	02-01	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	00	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	99	KT3-396S	Incl. Cam, Crank, Chain	
1	3 Piece Set	98-96	KT3-374S	(1) 222-374; (1) 223-636; (1) 223-649	
1	Timing Chain	06	222-396		
1	Timing Chain	05	222-396		
1	Timing Chain	04	222-396		
1	Timing Chain	03	222-396		
1	Timing Chain	02-01	222-396		
1	Timing Chain	00	222-396		
1	Timing Chain	99	222-396		
1	Timing Chain	98-96	222-374	62 Links	
1	Crank Sprocket	98-96	223-649	19 Teeth	
1	Cam Sprocket	98-96	223-636	38 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

28 (cont.)		2007 - 1996; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code 2				28 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	00-96	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	05-96	HT-2205	Std Only	Hyd. rlr.		
12	Lifter, Bulk	05-96	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	00-96	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	07-97	RP-3351	Std Only	5.297" O.A.L.		
12	Push Rod	96	RP-3337	Std Only	5.328" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	04-96	R-1007	Std Only	Incl. arm & pivot		
12	Pivot	04-96	MR-1881	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	07-99	V-4599	Std Only	Chrome plated stem; 1.37" Head Dia., 0.2742" Stem Dia., 4.616" O.A.L.		
6	Exhaust	00-96	V-3957	Std-15	Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.		
6	Intake	07-99	V-4598	Std Only	Chrome plated stem; 1.658" Head Dia., 0.2748" Stem Dia., 4.618" O.A.L.		
6	Intake	00-96	V-2448	Std-15	Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.		
6	Intake, Bulk	00-96	V-2448B 15	15	Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	99-96	VG-5085T	Std Only	0.315" ID, 2.2" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	99	VS-1462	Std Only	To 7/27/99; 1.84" Free Height		
12	Spring	98-96	VS-1462	Std Only	1.84" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	03-97	ST-2044	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
6	Valve Stem Seal	03-97	ST-2090	Std Only	Loc. Exh.; Positive type; (V) Fluoroelastomer		
6	Valve Stem Seal	96	ST-2102	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
6	Valve Stem Seal	96	ST-2103	Std Only	Loc. Exh.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	07-96	245-1437-3	Std Only	Loc. Exh.; 1.4425" OD, 1.188" ID, 0.216" Depth		
6	Seat	07-96	245-1437-3N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.188" ID, 0.216" Depth		
6	Seat	07-96	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth		
6	Seat	07-96	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	04-00	VK-287	Std Only	3 groove; w/.2750 Stem Dia.		
24	Keeper	99-96	VK-204	Std Only	3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	07-02	H875CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.520 CD, Domed Head .032 high x 1.966 dia.; DUROSHIELD® skirt coated piston, 0.9125" Pin Dia.		
6	Cast Piston	01-99	H497P	Std-50-.75-1.00MM	Use w/E-446K, E-446KC or E-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.		
6	Cast Piston	98-96	H497P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.		
6	Cast Piston - Individual	01-99	WH497P	Std-50-.75-1.00MM	Use w/WE-446K or WE-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.		
6	Cast Piston - Individual	98-96	WH497P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	07-99	E-944K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	01-99	E-446K	Std-50-.75-1.00MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	01-99	E-446KC	Std-50-.75MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Chrome		
1	Premium Set	98-96	E-446K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	98-96	E-446KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	01-99	E-446X	Std-50-.75-1.00MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Iron		
1	Standard Set	98-96	E-446X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
6	Premium Single Cylinder Set	01-99	WE-446K	Std-50-.75-1.00MM	Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Premium Moly		
6	Premium Single Cylinder Set	98-96	WE-446K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
6	Standard Single Cylinder Set	01-99	WE-446X	Std-50-.75-1.00MM	Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Iron		
6	Standard Single Cylinder Set	98-96	WE-446X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-96	7011MA	Std-25-.50MM	A-Series aluminum bearings		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

28 (cont.)	2007 - 1996; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code 2					28 (cont.)
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	07-96	6-1220RA	Std.-25-50MM	A-Series aluminum bearings	
1	Rod Set	07-96	6-1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability	
1	Rod Pair	07-96	1220RA	Std.-25-50MM	A-Series aluminum bearings	
1	Rod Pair	07-96	1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability	
1	Cam Set	07-96	1843M	Std Only	Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-96	224-41101			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	07-02	260-1995		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1994		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00-99	260-1691		To 07/26/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00-99	260-1993		From 07/27/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98-96	260-1691		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	07-00	260-2538	Std Only	Replacement required; New Part Number - Check for Availability	
1	Head Bolt Set	99-98	260-2515	Std Only	To 07/31/98; Replacement recommended	
2	Head Bolt Set	99-98	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability	
1	Head Bolt Set	97-96	260-2515	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	98-96	381-8072			
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6379	205-1379
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6379M	205-1379M
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6379	205-1379
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6379M	205-1379M
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
96-96	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6123	----
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6123	----
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Master	MKP-6379A	MKP-1379A
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Master w/o Pistons	MK-6379A	MK-1379A
96-96	PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-6379A	505-1379A
29	2007 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline;					29
Naturally Aspirated Ford Eng.; VIN Code U						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	07-06	KT3-396S		Incl. Cam, Crank, Chain	
1	3 Piece Set	05	KT3-396S		Incl. Cam, Crank, Chain	
1	3 Piece Set	04	KT3-396S		Incl. Cam, Crank, Chain	
1	3 Piece Set	03	KT3-396S		Incl. Cam, Crank, Chain	
1	3 Piece Set	02-01	KT3-396S		Incl. Cam, Crank, Chain	
1	3 Piece Set	00-99	KT3-396S		Incl. Cam, Crank, Chain	
1	3 Piece Set	98-91	KT3-374S		(1) 222-374; (1) 223-636; (1) 223-649	
1	Timing Chain	07-06	222-396			
1	Timing Chain	05	222-396			
1	Timing Chain	04	222-396			

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

29 (cont.)		2007 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U				29 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.			DESCRIPTION	
1	Timing Chain	03	222-396				
1	Timing Chain	02-01	222-396				
1	Timing Chain	00-99	222-396				
1	Timing Chain	98-91	222-374			62 Links	
1	Crank Sprocket	98-91	223-649			19 Teeth	
1	Cam Sprocket	98-91	223-636			38 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.			DESCRIPTION	
1	Camshaft	00-95	CS-1520			Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.	
1	Camshaft	94-93	CS-1520			Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.	
1	Camshaft	94-93	CS-1520			w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.	
1	Camshaft	94-93	CS-1530			w/A/T; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int., 121 Degrees Lobe Separation	
1	Camshaft	92	CS-1520			w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.	
1	Camshaft	92	CS-1520			Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.	
1	Camshaft	92	CS-1530			w/A/T; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int., 121 Degrees Lobe Separation	
1	Camshaft	92	CS-787			Hydraulic, (050) Duration at .050 Lobe Lift, 199 Exh., 199 Int., 114 Degrees Lobe Separation	
1	Camshaft	91	CS-787			Hydraulic, (050) Duration at .050 Lobe Lift, 199 Exh., 199 Int., 114 Degrees Lobe Separation	
1	Prelube		55-400	Std Only		4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only		1.5 oz. packet	
12	Lifter	07-93	HT-2205	Std Only		Hyd. rlr.	
12	Lifter	92	HT-2205	Std Only		Hyd. rlr.	
12	Lifter	92	HT-900	Std Only		Hyd.	
12	Lifter	91	HT-900	Std Only		Hyd.	
12	Lifter, Bulk	07-93	HT-2205B	Std Only		Hyd. rlr.; Carton of 122	
12	Lifter, Bulk	92	HT-2205B	Std Only		Hyd. rlr.; Carton of 122	
12	Lifter, Bulk	92	HT-900B	Std Only		Hyd.; Carton of 122	
12	Lifter, Bulk	91	HT-900B	Std Only		Hyd.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.			DESCRIPTION	
1	Cam/Lifter Kit	00-95	KC-1520			Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205	
1	Cam/Lifter Kit	94-93	KC-1520			Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205	
1	Cam/Lifter Kit	94-93	KC-1520			w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205	
1	Cam/Lifter Kit	94-93	KC-1530			w/A/T; Hyd. rlr.; (1) 55-403B; (1) CS-1530; (12) HT-2205	
1	Cam/Lifter Kit	92	KC-1520			w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205	
1	Cam/Lifter Kit	92	KC-1520			Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205	
1	Cam/Lifter Kit	92	KC-1530			w/A/T; Hyd. rlr.; (1) 55-403B; (1) CS-1530; (12) HT-2205	
1	Cam/Lifter Kit	92	KC-787			Hyd.; (1) 55-403B; (1) CS-787; (12) HT-900	
1	Cam/Lifter Kit	91	KC-787			Hyd.; (1) 55-403B; (1) CS-787; (12) HT-900	
1	Cam/Lifter/Timing Kit	92	KCT-787			Hyd.; (1) 55-403B; (1) CS-787; (12) HT-900; (1) KT3-374S	
1	Cam/Lifter/Timing Kit	91	KCT-787			Hyd.; (1) 55-403B; (1) CS-787; (12) HT-900; (1) KT3-374S	
QTY	PUSH ROD	YEARS	PART NO.			DESCRIPTION	
12	Push Rod	07-97	RP-3351	Std Only		5.297" O.A.L.	
12	Push Rod	96-92	RP-3337	Std Only		5.328" O.A.L.	
12	Push Rod	91	RP-3281	Std Only		5.96" O.A.L.	
12	Push Rod, Bulk	91	BRP-3281	Std Only		Carton of 100; 5.96" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.			DESCRIPTION	
12	Arm Assy.	04-91	R-1007	Std Only		Incl. arm & pivot	
12	Pivot	04-91	MR-1881	Std Only			
QTY	VALVE	YEARS	PART NO.			DESCRIPTION	
6	Exhaust	04-01	V-4599	Std Only		Chrome plated stem; 1.37" Head Dia., 0.2742" Stem Dia., 4.616" O.A.L.	
6	Exhaust	00-91	V-3957	Std-15		Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.	
6	Intake	04-01	V-4598	Std Only		Chrome plated stem; 1.658" Head Dia., 0.2748" Stem Dia., 4.618" O.A.L.	
6	Intake	00-91	V-2448	Std-15		Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.	
6	Intake, Bulk	00-91	V-2448B 15	15		Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.			DESCRIPTION	
12	Guide	99-91	VG-5085T	Std Only		0.315" ID, 2.2" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.			DESCRIPTION	
12	Spring	99	VS-1462	Std Only		To 7/27/99; 1.84" Free Height	
12	Spring	98-91	VS-1462	Std Only		1.84" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.			DESCRIPTION	
6	Valve Stem Seal	03-97	ST-2044	Std Only		Loc. Int.; Positive type; (RBB) Rubber	
6	Valve Stem Seal	03-97	ST-2090	Std Only		Loc. Exh.; Positive type; (V) Fluoroelastomer	
6	Valve Stem Seal	96-91	ST-2102	Std Only		Loc. Int.; Positive type; (RBB) Rubber	
6	Valve Stem Seal	96-91	ST-2103	Std Only		Loc. Exh.; Positive type; (RBB) Rubber	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

29 (cont.)	2007 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U				29 (cont.)
VALVETRAIN					
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	99-91	245-1437-2	Std Only	Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth
6	Seat	99-91	245-1437-2N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth
6	Seat	99-91	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	99-91	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	04-00	VK-287	Std Only	3 groove; w/.2750 Stem Dia.
24	Keeper	99-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	07-02	H875CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.520 CD, Domed Head .032 high x 1.966 dia.; DUROSHIELD® skirt coated piston, 0.9125" Pin Dia.
6	Cast Piston	01-99	H497P	Std-50-.75-1.00MM	Use w/E-446K, E-446KC or E-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
6	Cast Piston	98-91	H497P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
6	Cast Piston - Individual	01-99	WH497P	Std-50-.75-1.00MM	Use w/WE-446K or WE-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
6	Cast Piston - Individual	98-91	WH497P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	07-02	E-944K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	01-99	E-446K	Std-50-.75-1.00MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	01-99	E-446KC	Std-50-.75MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Chrome
1	Premium Set	98-91	E-446K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	98-91	E-446KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome
1	Standard Set	01-99	E-446X	Std-50-.75-1.00MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Iron
1	Standard Set	98-91	E-446X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	01-99	WE-446K	Std-50-.75-1.00MM	Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Premium Moly
6	Premium Single Cylinder Set	98-91	WE-446K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
6	Standard Single Cylinder Set	01-99	WE-446X	Std-50-.75-1.00MM	Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Iron
6	Standard Single Cylinder Set	98-91	WE-446X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	07-91	7011MA	Std-25-.50MM	A-Series aluminum bearings
1	Rod Set	07-91	6-1220RA	Std-25-.50MM	A-Series aluminum bearings
1	Rod Set	07-91	6-1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability
1	Rod Pair	07-91	1220RA	Std-25-.50MM	A-Series aluminum bearings
1	Rod Pair	07-91	1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability
1	Cam Set	07-91	1843M	Std Only	Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	07-91	224-41101		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	07-02	260-1995		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	01	260-1994		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	00-99	260-1691		To 07/26/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	00-99	260-1993		From 07/27/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	98-96	260-1691		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95-91	260-1627		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
2	Head Bolt Set	07-00	260-2538	Std Only	Replacement required; New Part Number - Check for Availability
1	Head Bolt Set	99-98	260-2515	Std Only	To 07/31/98; Replacement recommended
2	Head Bolt Set	99-98	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability
1	Head Bolt Set	97-91	260-2515	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	98-91	381-8072		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

29 (cont.)		2007 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U				29 (cont.)	
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6379	205-1379	
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6379M	205-1379M	
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6379	205-1379	
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6379M	205-1379M	
95-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6424	205-1424	
95-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6424M	205-1424M	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings			BK-6123	----	
95-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings			BK-6122	----	
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs			BKP-6123	----	
95-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs			BKP-6122	----	
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master			MKP-6379A	MKP-1379A	
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master			MKP-6337A	MKP-1337A	
94-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master			MKP-6337A	MKP-1337A	
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master			MKP-6337A	MKP-1337A	
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master			MKP-6337C	MKP-1337C	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master			MKP-6337C	MKP-1337C	
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6379A	MK-1379A	
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6337A	MK-1337A	
94-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6337A	MK-1337A	
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6337A	MK-1337A	
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6337C	MK-1337C	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6337C	MK-1337C	
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6379A	505-1379A	
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6337A	505-1337A	
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6337A	505-1337A	
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6337A	505-1337A	
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6337C	505-1337C	
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6337C	505-1337C	

30		1995 - 1993; 3.2L 195 (3152cc) DOHC V6 (24 Valve), 92mm Bore SHO; MFI; Gasoline; Naturally Aspirated Yamaha Eng.; VIN Code P				30	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	95-93	V-4504X	Std Only	Chrome plated stem; 1.18" Head Dia., 0.235" Stem Dia., 3.816" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

30 (cont.)	1995 - 1993; 3.2L 195 (3152cc) DOHC V6 (24 Valve), 92mm Bore SHO; MFI; Gasoline; Naturally Aspirated Yamaha Eng.; VIN Code P				30 (cont.)
VALVETRAIN					
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION
6	Seat	95-93	245-1437-2	Std Only	Loc. Int.; 1.4425" OD, 1.219" ID, 0.216" Depth
6	Seat	95-93	245-1437-2N	Std Only	Loc. Int.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth
BLOCK					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Head Bolt Set	95-93	260-2528	Std Only	Replacement recommended
31	1999 - 1996; 3.4L 207 (3391cc) DOHC V8 (32 Valve), 82.4mm Bore SHO; MFI; Gasoline; Naturally Aspirated Yamaha Eng.; VIN Code N				31
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
16	Exhaust	99-96	V-4578X	Std Only	Chrome plated stem; 1.062" Head Dia., 0.2346" Stem Dia., 3.661" O.A.L.
16	Intake	99-96	V-4577	Std Only	Chrome plated stem; 1.258" Head Dia., 0.235" Stem Dia., 3.665" O.A.L.
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
64	Keeper	99-98	VK-288	Std Only	Loc. Int. & Exh.
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-96	E-945K	Std-50-1.00MM	1-1.2MM, 1-1.5MM, 1-3.0MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99-96	7413M	Std-.25MM	
1	Thrust Washer Set	99-96	4394F	Std Only	Loc. 3
8	Rod Pair	99-96	4395A	Std-.25MM	A-Series aluminum bearings
32	2009 - 2007; 3.5L 213.3 (3496cc) DOHC V6 (24 Valve), 92.5mm Bore Duratec Cyclone; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T				32
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Pin Bushing	09-07	5034Y		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	09-07	7445MA	Std-25MM	
1	Rod Set	09-07	6-5030P	Std-25MM	
33	2009 - 2008; 3.5L 213.3 (3496cc) DOHC V6 (24 Valve), 92.5mm Bore Duratec Cyclone; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				33
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Pin Bushing	09-08	5034Y		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	09-08	7445MA	Std-25MM	
1	Rod Set	09-08	6-5030P	Std-25MM	
34	2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				34
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	04-91	KT3-365SA1		(1) 222-376; (1) 223-539; (1) 223-700
1	Timing Chain	04-91	222-376		60 Links
1	Timing Chain Tensioner	04-91	222-323CT		
1	Crank Sprocket	04-91	223-539		21 Teeth
1	Cam Sprocket	04-91	223-700		42 Teeth
1	Bal. Shaft Sprocket	97-91	223-2769		Drive gear
1	Bal. Shaft Sprocket	97-91	223-2770		Driven gear
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	96-91	CS-860		w/A/T; Hydraulic, (050) Duration at .050 Lobe Lift, 201 Exh., 184 Int., 110 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	04-91	HT-2205	Std Only	Hyd. rlr.
12	Lifter, Bulk	04-91	HT-2205B	Std Only	Hyd. rlr.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	96-91	KC-860		w/A/T; Hyd. rlr.; (1) 55-403B; (1) CS-860; (12) HT-2205
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	04-01	RP-3284	Std Only	7.136" O.A.L.
12	Push Rod	03-98	RP-3346	Std Only	7.042" O.A.L.
12	Push Rod	97-91	RP-3284	Std Only	7.136" O.A.L.
12	Push Rod, Bulk	04-01	BRP-3284	Std Only	Carton of 100; 7.136" O.A.L.

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

34 (cont.)		2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				34 (cont.)	
VALVETRAIN							
QTY	PUSH ROD (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Push Rod, Bulk	97-91	BRP-3284	Std Only	Carton of 100; 7.136" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	04-91	R-1008	Std Only	Incl. arm & pivot		
12	Arm Assy., Bulk	04-91	R-1008B	Std Only	Incl. arm & pivot; Carton of 64		
12	Arm	04-91	R-1008W	Std Only			
12	Bolt	93-91	MR-1916	Std Only			
12	Pivot	04-91	MR-1842	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	04-96	V-4522	Std Only	Chrome plated stem; 1.461" Head Dia., 0.274" Stem Dia., 4.845" O.A.L.		
6	Exhaust	97-91	V-2231	Std-15	1.46" Head Dia., 0.3414" Stem Dia., 4.845" O.A.L.		
6	Intake	04-99	V-4564	Std Only	Chrome plated stem; 1.861" Head Dia., 0.275" Stem Dia., 4.84" O.A.L.		
6	Intake	98-96	V-4521	Std Only	Chrome plated stem; 1.782" Head Dia., 0.275" Stem Dia., 4.84" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	04-99	VG-1392T	Std Only	Loc. Int. & Exh.; Threaded; 0.2765" ID, 2.05" O.A.L		
6	Guide	98-96	VG-1391T	Std Only	Loc. Exh.; Threaded; 0.2765" ID, 2.2" O.A.L		
6	Guide	98-96	VG-1392T	Std Only	Loc. Int.; Threaded; 0.2765" ID, 2.05" O.A.L		
12	Guide	95-91	VG-5005	Std Only	0.343" ID, 2.25" O.A.L		
12	Guide	95-91	VG-5005H	Std Only	Hardened; 0.343" ID, 2.25" O.A.L		
12	Guide	95-91	VG-5005T	Std Only	Threaded; 0.3425" ID, 2.25" O.A.L		
12	Guide, Bulk	95-91	VG-5005B	Std Only	Carton of 50; 0.343" ID, 2.25" O.A.L		
12	Guide, Bulk	95-91	VG-5005TB	Std Only	Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	04-97	VS-1648	Std Only	Conical design; 1.9961" Free Height		
12	Spring	98-91	VS-1568	Std Only	Incl. damper; 2.02" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	97-94	ST-2098	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
6	Valve Stem Seal	93-91	ST-2097	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
6	Valve Stem Seal	93-91	ST-2098	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	04-98	245-1875-50	Std Only	Loc. Int. & Exh.; 1.882" OD, 1.64" ID, 0.28" Depth		
6	Seat	97-91	245-1625-54	Std Only	Loc. Exh.; 1.632" OD, 1.329" ID, 0.28" Depth		
6	Seat	97-91	245-1875-50	Std Only	Loc. Int.; 1.882" OD, 1.64" ID, 0.28" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	04-97	VK-287	Std Only	3 groove; w/.2750 Stem Dia.		
24	Keeper	96-91	VK-205	Std Only	4 groove		
24	Keeper	96-91	VK-205R	Std Only	4 groove; Hardened		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-96	H820CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.440 CD, Recessed Head .100 deep x 2.110 dia.; DUROSHIELD® skirt coated piston, 0.9056" Pin Dia.		
6	Cast Piston	95-91	H523CP	Std-50-.75-1.00-1.50MM	Use w/E-471K or E-471X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.607 CD, Recessed Head .150 deep x 1.850 dia. - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 23.17mm Pin Dia.		
6	Cast Piston - Individual	04-96	WH820CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.440 CD, Recessed Head .100 deep x 2.110 dia.; DUROSHIELD® skirt coated piston, 0.9056" Pin Dia.		
6	Cast Piston - Individual	95-91	WH523CP	Std-50-.75-1.00-1.50MM	Use w/WE-471K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.607 CD, Recessed Head .150 deep x 1.850 dia. - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	04-96	6KH820CP .50MM	.50-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.440 CD, Recessed Head .100 deep x 2.110 dia.; DUROSHIELD® skirt coated piston, 23.002mm Pin Dia.		
1	Cast Piston Set w/Prem. Rings	95-91	6KH523CP .50MM	.50-1.00MM	Cast; 1 -, 1.50mm Groove, 2 - 4.00mm Groove, 1.607 CD, Recessed Head .150 deep x 1.850 dia. - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 23.17mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	04-96	E-911K	Std-50-.75-1.00MM	Use w/H820CP piston; 2-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	95-91	E-471K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Standard Set	95-91	E-471X	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Iron		
6	Premium Single Cylinder Set	04-96	WE-911K	Std-50-1.50MM	Use w/WH820CP piston; 2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	95-91	WE-471K	Std-50-.75-1.00MM	Use w/WH523CP piston; 2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-91	7295MA	Std-.026-.25-.50-.75-1.00 MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings		
1	Main Set	04-91	7368M .50MM	.50MM	.50MM O/S length flange brg.		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

34 (cont.)	2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				34 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	04-96	6-4500AA	Std.-25-.50-.75MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings	
1	Rod Set	04-96	6-4500AA 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	95-91	6-3830CPA	Std.-25-.50-.75-1.00MM	Regrinding crank more than .50mm not recommended	
1	Rod Set	95-91	6-3830CPA 25X2	25X2-50X2-75X2	Use in .002" O/S Rod Bore	
6	Rod Pair	04-96	4500AA	Std.-026-.25-.50-.75MM	A-Series aluminum bearings	
6	Rod Pair	95-91	3830A .026MM	.026MM	A-Series aluminum bearings	
6	Rod Pair	95-91	3830CPA	Std.-25-.50-.75-1.00MM	Regrinding crank more than .50mm not recommended	
1	Cam Set	04-91	1886M	Std Only		
1	Bal. Shaft Set	04-91	1807M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	04-96	224-43575			
1	Oil Pump	95-91	224-43567			
1	Pump Repair Kit	95-91	224-51380		Services "short" style pump	
1	Inter. Shaft	00	224-6176		To 3/29/00	
1	Inter. Shaft	99-91	224-6176			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	04-00	260-1917		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	99	260-1918		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	98-97	260-1919		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	96	260-1920		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95	260-1694		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95-94	260-1692		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95-94	260-1693		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	94	260-1694		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	93	260-1442		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	93	260-1444		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	92-91	260-1442		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	92-91	260-1444		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
2	Head Bolt Set	04-97	260-2540	Std Only	Replacement required; New Part Number - Check for Availability	
2	Head Bolt Set	96	260-2527	Std Only	Replacement required	
2	Head Bolt Set	95-91	260-2519	Std Only	Replacement required	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	99-91	381-8053			
1	Steel Block Plug Kit	99-91	381-9654			
1	Steel Shallow Cup Freeze Plug	99-91	381-2157		2.250" Diameter	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6502 205-1502
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6502M 205-1502M
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6380 205-1380
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6380M 205-1380M
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6404 205-1404

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

34 (cont.)	2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4	34 (cont.)		
KITS				
RE-RING KIT (cont.)				
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.	
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6404M	205-1404M	
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6502	205-1502	
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6502M	205-1502M	
93-93	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6112	205-1112	
93-93	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6112M	205-1112M	
93-93	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6114	205-1114	
93-93	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6114M	205-1114M	
92-91	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6112	205-1112	
92-91	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6112M	205-1112M	
92-91	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6114	205-1114	
92-91	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6114M	205-1114M	
OVERHAUL KIT			PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION			
95-94	Head bolts not incl.; Replacement recommended; Incl. oil pump; Freeze plugs not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6277B	505-1277B	
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Incl. oil pump repair kit for "short" style pump; Freeze plugs not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6381A	505-1381A	
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Incl. oil pump; Freeze plugs not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6381B	505-1381B	
95-94	w/A/T; Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7039	505-2039	
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6128	----	
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6136	----	
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6137	----	
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6128	----	
93-93	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6134	----	
93-93	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6135	----	
92-91	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6134	----	
92-91	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6135	----	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

34 (cont.)	2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4	34 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6128	----
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6136	----
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6137	----
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6128	----
93-93	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6134	----
93-93	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6135	----
92-91	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6134	----
92-91	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6135	----
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6502	MKP-1502
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-7037	MKP-2037
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6277A	MKP-1277A
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6277B	MKP-1277B
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6381A	MKP-1381A
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6381B	MKP-1381B
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-7039	MKP-2039
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-7040	MKP-2040
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6502	MKP-1502
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-7037	MKP-2037
93-93	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6112C	MKP-1112C
93-93	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6114C	MKP-1114C

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

34 (cont.)	2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4	34 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
92-91	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6112C	MKP-1112C
92-91	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master MKP-6114C	MKP-1114C
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6502	MK-1502
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7037	MK-2037
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6277A	MK-1277A
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6277B	MK-1277B
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6381A	MK-1381A
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6381B	MK-1381B
95-94	w/A/T; Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7039	MK-2039
95-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7040	MK-2040
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6502	MK-1502
94-94	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7037	MK-2037
93-93	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6112C	MK-1112C
93-93	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6114C	MK-1114C
92-91	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6112C	MK-1112C
92-91	w/A/T; Regrinding crank more than .50mm not recommended; Incl. oil pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6114C	MK-1114C
95-95	Head bolts not incl.; Replacement recommended; Incl. oil pump repair kit for "short" style pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6502	505-1502
95-95	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7037	505-2037
95-94	Head bolts not incl.; Replacement recommended; Incl. oil pump repair kit for "short" style pump; Freeze plugs not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6277A	505-1277A
95-94	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7040	505-2040

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

34 (cont.)	2004 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				34 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-94	Head bolts not incl.; Replacement recommended; Incl. oil pump repair kit for "short" style pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6502	505-1502
94-94	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-7037	505-2037
93-93	w/A/T; Incl. oil pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6112C	505-1112C
93-93	w/A/T; Incl. oil pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6114C	505-1114C
92-91	w/A/T; Incl. oil pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6112C	505-1112C
92-91	w/A/T; Incl. oil pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains		505-6114C	505-1114C
35	1995 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Supercharged Ford Eng.; VIN Code R				35
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	95-91	KT3-365SA1	(1) 222-376; (1) 223-539; (1) 223-700	
1	Timing Chain	95-91	222-376	60 Links	
1	Timing Chain Tensioner	95-91	222-323CT		
1	Crank Sprocket	95-91	223-539	21 Teeth	
1	Cam Sprocket	95-91	223-700	42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
12	Lifter	95-91	HT-2205	Std Only	Hyd. rlr.
12	Lifter, Bulk	95-91	HT-2205B	Std Only	Hyd. rlr.; Carton of 122
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	95-91	RP-3284	Std Only	7.136" O.A.L.
12	Push Rod, Bulk	95-91	BRP-3284	Std Only	Carton of 100; 7.136" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	95-91	R-1008	Std Only	Incl. arm & pivot
12	Arm Assy., Bulk	95-91	R-1008B	Std Only	Incl. arm & pivot; Carton of 64
12	Arm	95-91	R-1008W	Std Only	
12	Bolt	95-91	MR-1916	Std Only	
12	Pivot	95-91	MR-1842	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	95-91	V-2231	Std-15	1.46" Head Dia., 0.3414" Stem Dia., 4.845" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
12	Guide	95-91	VG-5005	Std Only	0.343" ID, 2.25" O.A.L.
12	Guide	95-91	VG-5005H	Std Only	Hardened; 0.343" ID, 2.25" O.A.L.
12	Guide	95-91	VG-5005T	Std Only	Threaded; 0.3425" ID, 2.25" O.A.L.
12	Guide, Bulk	95-91	VG-5005B	Std Only	Carton of 50; 0.343" ID, 2.25" O.A.L.
12	Guide, Bulk	95-91	VG-5005TB	Std Only	Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
12	Spring	95-91	VS-1568	Std Only	Incl. damper; 2.02" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
6	Valve Stem Seal	95-91	ST-2097	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber
6	Valve Stem Seal	95-91	ST-2098	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
6	Seat	95-91	245-1625-54	Std Only	1.632" OD, 1.329" ID, 0.28" Depth
6	Seat	95-91	245-1875-50	Std Only	Loc. Int.; 1.882" OD, 1.64" ID, 0.28" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
24	Keeper	95-91	VK-205	Std Only	4 groove
24	Keeper	95-91	VK-205R	Std Only	4 groove; Hardened
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
6	Cast Piston	95-91	H675CP	Std-50-.75-1.00MM	Use w/E-471K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.607 CD, Recessed Head .170 deep; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
6	Cast Piston - Individual	95-91	WH675CP	Std-50-.75-1.00MM	Use w/WE-471K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.607 CD, Recessed Head .170 deep; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
6	Pin Bushing	95-94	3834Y		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

35 (cont.)		1995 - 1991; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Supercharged Ford Eng.; VIN Code R				35 (cont.)	
BLOCK							
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-471K	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
6	Premium Single Cylinder Set	95-91	WE-471K	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-94	7371MA .25MM	.25MM	A-Series aluminum bearings		
1	Main Set	93-91	7086MA	Std.-.25MM	A-Series aluminum bearings		
1	Rod Set	95-91	6-3830CPA	Std.-25-.50-.75-1.00MM	Regrinding crank more than .50mm not recommended		
1	Rod Set	95-91	6-3830CPA 25X2	25X2-50X2-75X2	Use in .002" O/S Rod Bore		
6	Rod Pair	95-91	3830CPA	Std.-25-.50-.75-1.00MM	Regrinding crank more than .50mm not recommended		
1	Cam Set	95-91	1886M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-43567				
1	Pump Repair Kit	93-91	224-51380		Services "short" style pump		
1	Inter. Shaft	93-91	224-6176				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-94	260-1921		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	93-91	260-1612		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
2	Head Bolt Set	95-91	260-2519	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8053				
1	Steel Block Plug Kit	95-91	381-9654				
1	Steel Shallow Cup Freeze Plug	95-91	381-2157		2.250" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-91	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6339	----	
93-91	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6339M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-91	Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6138	----	
93-91	Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6138	----	
36		2004; 3.9L 238 (3887cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				36	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	04	CS-860		Hydraulic, (050) Duration at .050 Lobe Lift, 201 Exh., 184 Int., 110 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	04	HT-2205	Std Only	Hyd. rlr.		
12	Lifter, Bulk	04	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	04	KC-860		Hyd. rlr.; (1) 55-403B; (1) CS-860; (12) HT-2205		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04	H898CP	Std.-50-.75-1.00MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.395 CD, Recessed Head .100 deep x 2.200 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04	7295MA	Std.-026-.25-.50-.75-1.00 MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings		
1	Rod Set	04	6-4500AA	Std.-25-.50-.75MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings		
1	Rod Set	04	6-4500AA 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
6	Rod Pair	04	4500AA	Std.-026-.25-.50-.75MM	A-Series aluminum bearings		
1	Cam Set	04	1886M	Std Only			

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

36 (cont.)		2004; 3.9L 238 (3887cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				36 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Bal. Shaft Set	04	1807M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	04	260-1917		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
2	Head Bolt Set	04	260-2540	Std Only	Replacement required; New Part Number - Check for Availability		
37		2010 - 2005; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				37	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	10-05	HT-2271	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	10-05	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	06-05	VG-1413T	Std Only	Threaded; 0.276" ID, 1.74" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	06-05	MV-1796C	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber		
12	Valve Stem Seal Bulk	06-05	MV-1796	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	10-05	H1123CP	Std-50-.75-1.00MM	Hypereutectic; 1 - 1.20 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.433 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-05	7245MA	Std-10-20-30	A-Series aluminum bearings; Full flange thrust brg. For shafts in crankcase; Front drive bushing not incl.		
1	Rod Set	07-05	6-3055CP	Std-10-20-30-40			
1	Rod Pair	07-05	3055CP	Std-10-20-30			
1	Bal. Shaft Set	07-05	1892M	Std Only			
1	Aux. Shaft Set	07-05	1881M	Std Only			
38		2004 - 2003; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R				38	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	04-03	222-189		Loc. Lower; Secondary; 44 Links		
1	Timing Chain	04-03	222-387		Primary; 2 Req'd; 116 Links		
1	Crank Sprocket	04-03	223-869		21 teeth		
1	Cam Sprocket	04-03	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-03	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-03	223-790A		Secondary; 20 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
32	Lifter	04-03	HT-2271	Std Only	Hyd. lash adj.		
32	Lifter, Bulk	04-03	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
32	Arm	04-03	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
16	Exhaust	04-03	V-4479	Std Only	Chrome plated stem; 1.181" Head Dia., 0.274" Stem Dia., 4.578" O.A.L.		
16	Intake	04-03	V-4480	Std Only	Chrome plated stem; 1.456" Head Dia., 0.275" Stem Dia., 5.337" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
32	Guide	04-03	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
32	Spring	04-03	VS-1631	Std Only	1.66" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
32	Valve Stem Seal	04-03	ST-2141	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
64	Keeper	04-03	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/ .2750 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Pin Bushing	04-03	1989YA				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-03	149M	Std-.026-.026X-.25MM	Race Performance		
1	Main Set	04-03	7289MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Flanged Main Brg.	03	7254CH .026X	.026X	Race Performance		
1	Rod Set	04-03	8-1985A	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	04-03	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	03	8-7250CH	Std-.026-.026X-.25MM	Race Performance		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

38 (cont.)		2004 - 2003; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R			38 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Rod Pair	04-03	1985A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	04-03	224-43625		Use w/15/16" inlet tube screen	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	04-03	381-8213			
39		2004 - 1993; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code V			39	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
2	Timing Chain	04-03	222-387		116 Links	
2	Timing Chain	04-93	222-189		Secondary; 44 Links	
2	Timing Chain	02	222-387		116 Links	
2	Timing Chain	01-99	222-387		116 Links	
2	Timing Chain	98-97	222-387		116 Links	
2	Timing Chain	96	222-387		116 Links	
2	Timing Chain	95-93	222-387		116 Links	
1	Timing Chain Tensioner	04-03	222-368CT		Loc. L.H.	
1	Timing Chain Tensioner	04-03	222-369CT		Loc. R.H.	
1	Crank Sprocket	04-01	223-869		21 teeth	
1	Crank Sprocket	00	223-843		21 Teeth; 1-Piece design	
1	Crank Sprocket	99-97	223-843		21 Teeth; 1-Piece design	
1	Crank Sprocket	96-93	223-843		21 Teeth; 1-Piece design	
1	Cam Sprocket	04-98	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-98	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-93	223-790A		Secondary; 20 Teeth	
1	Cam Sprocket	97	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	97	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	97-93	223-790			
1	Cam Sprocket	96-93	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	96-93	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
32	Lifter	04-93	HT-2271	Std Only	Hyd. lash adj.	
32	Lifter, Bulk	04-93	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
32	Arm	04-00	R-1096	Std Only		
32	Arm	97-93	R-1096	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
16	Exhaust	04-93	V-4479	Std Only	Chrome plated stem; 1.181" Head Dia., 0.274" Stem Dia., 4.578" O.A.L.	
16	Intake	04-93	V-4480	Std Only	Chrome plated stem; 1.456" Head Dia., 0.275" Stem Dia., 5.337" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
32	Guide	04-94	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
32	Spring	04-93	VS-1631	Std Only	1.66" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
32	Valve Stem Seal	04-95	ST-2141	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
16	Seat	00-93	245-1250-61	Std Only	Loc. Exh.; 1.257" OD, 0.976" ID, 0.18" Depth	
16	Seat	00-93	245-1500-79	Std Only	Loc. Int.; 1.5" OD, 1.295" ID, 0.262" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
64	Keeper	04-98	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	97-93	H614CP	Std-.50-.75-1.00MM	Use w/E-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .060 deep x 2.680 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.	
8	Cast Piston - Individual	97-93	WH614CP	Std-.50-.75-1.00MM	Use w/WE-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .060 deep x 2.680 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.	
8	Pin Bushing	04-93	1989YA			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00-98	E-914K	Std-.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	97-93	E-913K .25MM	.25MM	2-1.50MM, 1-3.00MM; Premium Moly.; Superseded - When depleted use	
1	Premium Set	97-93	E-916K	Std-.50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly	
8	Premium Single Cylinder Set	97-93	WE-916K .75MM	Std-.50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

39 (cont.)	2004 - 1993; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code V				39 (cont.)
BLOCK					
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION
8	Premium Single Cylinder Set	97-93	WE-913K .75MM	.75MM	2-1.50MM, 1-3.00MM; When depleted use WE-916K .75MM; Premium Moly
8	Premium Single Cylinder Set	97-93	WE-916K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04-93	149M	Std.-026-.026X-.25MM	Race Performance
1	Main Set	04-93	7289MA	Std.-25-.50MM	A-Series aluminum bearings
1	Flanged Main Brg.	03-93	7254CH .026X	.026X	Race Performance
1	Rod Set	04-93	8-1985A	Std.-25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	04-93	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	03-93	8-7250CH	Std.-026-.026X-.25MM	Race Performance
8	Rod Pair	04-93	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	04-97	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	95	224-43625		Use w/15/16" inlet tube screen
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	04-99	381-8213		
1	Brass Block Plug Kit	96-93	381-8089		
1	Steel Shallow Cup Freeze Plug	96-93	381-2098		0.540" Diameter
40 2004 - 2003; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Supercharged Ford Eng.; VIN Code Y 40					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	04-03	222-189		Loc. Lower; Secondary; 44 Links
1	Timing Chain Tensioner	04-03	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	04-03	222-369CT		Loc. R.H.
1	Crank Sprocket	04-03	223-869		21 teeth
1	Cam Sprocket	04	223-764		Loc. L.H.; 42 teeth; 42 Teeth
1	Cam Sprocket	04	223-766		Loc. R.H.; 42 teeth; 42 Teeth
1	Cam Sprocket	04-03	223-790A		Secondary; 20 Teeth
1	Cam Sprocket	03	223-764		Loc. L.H.; 42 teeth; 42 Teeth
1	Cam Sprocket	03	223-766		Loc. R.H.; 42 teeth; 42 Teeth
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Pin Bushing	04-03	1989YA		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04-03	149M	Std.-026-.026X-.25MM	Race Performance
1	Main Set	04-03	7289MA	Std.-25-.50MM	A-Series aluminum bearings
1	Rod Set	04-03	8-1985A	Std.-25-.50-.75MM	A-Series aluminum bearings
8	Rod Pair	04-03	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	04-03	224-43625		Use w/15/16" inlet tube screen
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	04-03	381-8213		
41 2009 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton; MFI; Natural Gas; Naturally Aspirated Ford Eng.; VIN Code 9 41					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	00-96	KT3-387S		(2) 222-387; (1) 223-764; (1) 223-766; (1) 223-843
1	Complete Set	08-04	KT-4005S		Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	03	KT-4005S		From 11/2002; Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	02	KT-4004S		To 10/2002; Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	01	KT-4004S		Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	00-96	KT-4003S		Incl. sprockets, chains, tensioners, arms & guides
1	Timing Chain	08-06	222-387		2 Req'd; 116 Links
1	Timing Chain	05	222-387		2 Req'd; 116 Links
1	Timing Chain	04	222-387		2 Req'd; 116 Links
1	Timing Chain	03-02	222-387		2 Req'd; 116 Links
1	Timing Chain	01	222-387		2 Req'd; 116 Links
2	Timing Chain	00-96	222-387		116 Links
1	Timing Chain Tensioner	08-00	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	08-00	222-369CT		Loc. R.H.
1	Timing Chain Tensioner	08-96	222-321CT		Loc. L.H.; Tensioner arm
1	Timing Chain Tensioner	08-96	222-322CT		Loc. R.H.; Tensioner arm
1	Timing Chain Tensioner	99-96	222-366CT		Loc. L.H.

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

41 (cont.)		2009 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton; MFI; Natural Gas; Naturally Aspirated Ford Eng.; VIN Code 9			41 (cont.)	
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain Tensioner	99-96	222-367CT		Loc. R.H.	
1	Timing Chain Guide	08-06	222-372GP		Loc. R.H.	
1	Timing Chain Guide	08-02	222-373GP		Loc. L.H.	
1	Timing Chain Guide	05	222-372GP		Loc. R.H.	
1	Timing Chain Guide	04	222-372GP		Loc. R.H.	
1	Timing Chain Guide	03-02	222-372GP		Loc. R.H.	
1	Timing Chain Guide	01-00	222-370GP		Loc. L.H.	
1	Timing Chain Guide	01-00	222-371GP		Loc. R.H.	
1	Timing Chain Guide	99-97	222-370GP		Loc. L.H.	
1	Timing Chain Guide	99-97	222-371GP		Loc. R.H.	
1	Timing Chain Guide	96	222-370GP		Loc. L.H.	
1	Timing Chain Guide	96	222-371GP		Loc. R.H.	
1	Crank Sprocket	08-01	223-869		21 teeth	
1	Crank Sprocket	01	223-843		21 Teeth; 1-Piece design	
1	Crank Sprocket	00-96	223-843		21 Teeth; 1-Piece design	
1	Cam Sprocket	08-06	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	08-06	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	05	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	05	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	03-02	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	03-02	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	01	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	01	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	00-96	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	00-96	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	05-96	HT-2271	Std Only	Hyd. lash adj.	
16	Lifter, Bulk	05-96	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	05	R-1096	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	04-96	V-4498X	Std Only	Chrome plated stem; Stellite face; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.	
8	Intake	04-96	V-4566X	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	04-96	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	05	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability	
16	Spring	04	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability	
16	Spring	03	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	04-96	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	01-96	245-1875-56	Std Only	Loc. Int.; 1.875" OD, 1.6" ID, 0.252" Depth	
8	Seat	99-96	245-1375-61	Std Only	Loc. Exh.; 1.375" OD, 1.13" ID, 0.304" Depth	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Pin Bushing	05-96	1989YA			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	98-96	7296MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings	
1	Main Set	98-96	7296MA 25X2	.25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD	
1	Main Set	98-96	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length	
1	Thrust Washer Set	98-96	4507F	Std Only	New Part Number - Check for Availability	
1	Rod Set	98-96	8-1985A	Std-.25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	98-96	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
8	Rod Pair	98-96	1985A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-96	224-43498		Use w/13/16" inlet tube screen	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	09-99	381-8213			
1	Brass Block Plug Kit	96	381-8089			
1	Steel Shallow Cup Freeze Plug	96	381-2098		0.540" Diameter	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

42	2010 - 2006; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code V				42
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Complete Set	08-06	KT-4005S		Incl. sprockets, chains, tensioners, arms & guides
2	Timing Chain	10-06	222-387		116 Links
1	Timing Chain	07	222-387		2 Req'd; 116 Links
1	Timing Chain Tensioner	10-06	222-321CT		Loc. L.H.; Tensioner arm
1	Timing Chain Tensioner	10-06	222-322CT		Loc. R.H.; Tensioner arm
1	Timing Chain Tensioner	10-06	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	10-06	222-369CT		Loc. R.H.
1	Timing Chain Guide	10-06	222-372GP		Loc. R.H.
1	Timing Chain Guide	10-06	222-373GP		Loc. L.H.
1	Crank Sprocket	10-06	223-869		21 teeth
1	Cam Sprocket	10-06	223-764		Loc. L.H.; 42 teeth; 42 Teeth
1	Cam Sprocket	10-06	223-766		Loc. R.H.; 42 teeth; 42 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	10-06	HT-2271	Std Only	Hyd. lash adj.
16	Lifter, Bulk	10-06	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm	10-06	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	09-06	V-4603	Std Only	Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.
8	Intake	10-06	V-4602	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	09-06	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	09-06	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	09-06	245-1875-56	Std Only	Loc. Int.; 1.875" OD, 1.6" ID, 0.252" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	10-06	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Pin Bushing	07-06	1989YA		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	07-06	224-43498		Use w/13/16" inlet tube screen
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	09-06	381-8213		
43	2011 - 1991; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				43
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	00-94	KT3-387S		(2) 222-387; (1) 223-764; (1) 223-766; (1) 223-843
1	3 Piece Set	92-91	KT3-185S		(2) 222-185; (1) 223-736; (1) 223-740; (2) 223-751
1	Complete Set	08-04	KT-4005S		Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	03	KT-4005S		From 11/2002; Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	02	KT-4004S		To 10/2002; Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	01	KT-4004S		Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	00-96	KT-4003S		Incl. sprockets, chains, tensioners, arms & guides
1	Timing Chain	08-06	222-387		2 Req'd; 116 Links
1	Timing Chain	05	222-387		2 Req'd; 116 Links
1	Timing Chain	04-01	222-387		2 Req'd; 116 Links
2	Timing Chain	00-94	222-387		116 Links
2	Timing Chain	93-91	222-185		116 Links; 116 Links
1	Timing Chain Tensioner	08-00	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	08-00	222-369CT		Loc. R.H.
1	Timing Chain Tensioner	08-93	222-321CT		Loc. L.H.; Tensioner arm
1	Timing Chain Tensioner	08-93	222-322CT		Loc. R.H.; Tensioner arm
1	Timing Chain Tensioner	99-96	222-366CT		Loc. L.H.
1	Timing Chain Tensioner	99-96	222-367CT		Loc. R.H.
1	Timing Chain Guide	98	222-370GP		Loc. L.H.
1	Timing Chain Guide	98	222-371GP		Loc. R.H.
1	Timing Chain Guide	97	222-370GP		Loc. L.H.
1	Timing Chain Guide	97	222-371GP		Loc. R.H.
1	Timing Chain Guide	96	222-370GP		Loc. L.H.
1	Timing Chain Guide	96	222-371GP		Loc. R.H.
1	Timing Chain Guide	95-93	222-370GP		Loc. L.H.
1	Timing Chain Guide	95-93	222-371GP		Loc. R.H.

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

43 (cont.)		2011 - 1991; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W			43 (cont.)	
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain Guide	08-02	222-372GP		Loc. R.H.	
1	Timing Chain Guide	08-02	222-373GP		Loc. L.H.	
1	Timing Chain Guide	00	222-370GP		Loc. L.H.	
1	Timing Chain Guide	00	222-371GP		Loc. R.H.	
1	Timing Chain Guide	99	222-370GP		Loc. L.H.	
1	Timing Chain Guide	99	222-371GP		Loc. R.H.	
1	Crank Sprocket	08-01	223-869		21 teeth	
1	Crank Sprocket	01	223-843		21 Teeth; 1-Piece design	
1	Crank Sprocket	00-94	223-843		21 Teeth; 1-Piece design	
2	Crank Sprocket	93	223-791		21 Teeth	
1	Cam Sprocket	08-06	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	08-06	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	05	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	05	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-01	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-01	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	00-94	223-764		Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	00-94	223-766		Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	93	223-760		Loc. L.H.; 42 Teeth	
1	Cam Sprocket	93	223-762		Loc. R.H.; 42 Teeth	
1	Cam Sprocket	92-91	223-736		Loc. L.H.; 42 Teeth	
1	Cam Sprocket	92-91	223-740		Loc. R.H.; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	11	HT-2271	Std Only	Hyd. lash adj.	
16	Lifter	07-92	HT-2271	Std Only	Hyd. lash adj.	
16	Lifter, Bulk	11	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
16	Lifter, Bulk	07-92	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	99-92	KC-1528		Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/.020" O/S journals; (1) 55-403B; (1) CS-1528; (1) CS-1529; (16) HT-2271	
1	Cam/Lifter Kit	99-92	KC-1575		Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/Std. journals; (1) 55-403B; (1) CS-1574; (1) CS-1575; (16) HT-2271	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	11-92	R-1096	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	09-01	V-4603	Std Only	Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.	
8	Exhaust	00-91	V-2656	Std Only	Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.	
8	Intake	11-01	V-4602	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.	
8	Intake	00-91	V-3956	Std-15	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	09-93	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	09-00	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability	
16	Spring	96-93	VS-1632	Std Only	Loc. Int. & Exh.; 2" Free Height	
16	Spring	92-91	VS-1632	Std Only	2" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	09-95	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
16	Valve Stem Seal	94-93	ST-2139	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	09-93	245-1875-56	Std Only	Loc. Int.; 1.875" OD, 1.6" ID, 0.252" Depth	
8	Seat	00-93	245-1375-61	Std Only	Loc. Exh.; 1.375" OD, 1.13" ID, 0.304" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	11-08	VK-287	Std Only	3 groove; w/.2750 Stem Dia.	
32	Keeper	06-01	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	02-01	H864CP	Std-25-50-75-1.00-1.50 MM	Use w/E-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .150 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.	
8	Cast Piston	00-91	H858CP	Std-50-75-1.00MM	Use w/E-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.	
8	Cast Piston	98-91	H591CP	Std-25-50-75-1.00-1.50 MM	Use w/E-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

43 (cont.)	2011 - 1991; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W					43 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	92-91	H5591PX50MM	.50MM	Use w/E-916K ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia., 21.996mm Pin Dia.	
8	Cast Piston - Individual	00-91	WH858CP	Std.-50-.75-1.00MM	Use w/WE-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.	
8	Cast Piston - Individual	98-91	WH591CP	Std.-25-.50-.75-1.00MM	Use w/WE-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	98-91	8KH591CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 21.996mm Pin Dia.	
8	Pin Bushing	08-05	1989YA			
8	Pin Bushing	02-91	1989YA			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-91	E-916K	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly	
8	Premium Single Cylinder Set	95-91	WE-916K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-93	148M	Std.-026MM-.026X	Race Performance	
1	Main Set	07-93	7292MA	Std.-25-.50MM	A-Series aluminum bearings	
1	Main Set	07-93	7292MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD	
1	Main Set	92-91	7141MA	Std.-25-.50MM	A-Series aluminum bearings	
1	Rod Set	07-91	8-1985A	Std.-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	07-91	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	99-91	8-7250CH	Std.-026-.026X-.25MM	Race Performance	
8	Rod Pair	07-91	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	08-91	224-43498		Use w/13/16" inlet tube screen	
1	Screen Assy.	02-98	224-15059		Use w/Oil pans w/casting number F1AE-6675-CB	
1	Screen Assy.	97	224-15059		Use w/Oil pans w/casting number F1AE-6675-CB	
1	Screen Assy.	96-94	224-15059		Use w/Oil pans w/casting number F1AE-6675-CB	
1	Screen Assy.	93-91	224-15059		Use w/Oil pans w/casting number F1AE-6675-CB	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-95	260-1689		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94-91	260-1671		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	08-91	260-2517	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	09-99	381-8213			
1	Brass Block Plug Kit	96-91	381-8089			
1	Steel Shallow Cup Freeze Plug	96-91	381-2098		0.540" Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
00-95	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6382	----
94-91	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6342	----
00-95	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6382M	----
94-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6363M	----
92-91	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6342M	----
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
93-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.		Master		MKP-6382A	----
93-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability		Master		MKP-6409	----

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

43 (cont.)		2011 - 1991; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W			43 (cont.)	
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.	
92-92	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.	Master		MKP-6382	----	
92-92	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability	Master		MKP-6408	----	
93-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.	Master w/o Pistons		MK-6382A	----	
93-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability	Master w/o Pistons		MK-6409	----	
92-92	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.	Master w/o Pistons		MK-6382	----	
92-92	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability	Master w/o Pistons		MK-6408	----	
93-93	Head bolts not incl.; Freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.	Master w/o Rods & Mains		505-6382B	----	
93-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6409	----	
92-92	Head bolts not incl.; Freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.	Master w/o Rods & Mains		505-6382	----	
92-92	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6408	----	
99-95	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Pistons not O.E. duplicate comp. ratio	Block Kit w/Premium Rings		BK-6147	----	
98-95	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6149	----	
94-93	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6148	----	
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6146	----	
96-95	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6149	----	
94-93	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6148	----	
92-91	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6146	----	
44		2000 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6			44	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.	DESCRIPTION		
1	3 Piece Set	00-96	KT3-387S	(2) 222-387; (1) 223-764; (1) 223-766; (1) 223-843		
2	Timing Chain	00-96	222-387	116 Links		
1	Timing Chain Tensioner	00-96	222-321CT	Loc. L.H.; Tensioner arm		
1	Timing Chain Tensioner	00-96	222-322CT	Loc. R.H.; Tensioner arm		
1	Timing Chain Guide	00	222-372GP	Loc. R.H.		
1	Timing Chain Guide	96	222-370GP	Loc. L.H.		
1	Timing Chain Guide	96	222-371GP	Loc. R.H.		
1	Crank Sprocket	00-96	223-843	21 Teeth; 1-Piece design		
1	Cam Sprocket	00-96	223-764	Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	00-96	223-766	Loc. R.H.; 42 teeth; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION		
16	Lifter	00-96	HT-2271	Hyd. lash adj. <small>Std Only</small>		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

44 (cont.)	2000 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				44 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
16	Lifter, Bulk	00-96	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	99-96	KC-1528		Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/.020" O/S journals; (1) 55-403B; (1) CS-1528; (1) CS-1529; (16) HT-2271
1	Cam/Lifter Kit	99-96	KC-1575		Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/Std. journals; (1) 55-403B; (1) CS-1574; (1) CS-1575; (16) HT-2271
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm	00-96	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	00-96	V-2656	Std Only	Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.
8	Intake	00-96	V-3956	Std-15	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	00-96	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	00-96	VS-1632	Std Only	Loc. Int. & Exh.; 2" Free Height
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	00	H878CP	Std.-25-.50-.75-1.00-1.50 MM	Hypereutectic; w/HP Improved heads; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .188 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston	00-96	H858CP	Std.-50-.75-1.00MM	Use w/E-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.
8	Cast Piston - Individual	00	WH878CP .50MM	.50-.75-1.00-1.50MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .188 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston - Individual	00-96	WH858CP	Std.-50-.75-1.00MM	Use w/WE-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.
8	Pin Bushing	00-96	1989YA		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	00-96	E-916K	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	00-96	7296MA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	00-96	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
1	Main Set	00-96	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length
1	Main Set	00-96	153M	Std.-026-.026X-.25MM	Race Performance
1	Thrust Washer Set	00-96	4507F	Std Only	New Part Number - Check for Availability
1	Rod Set	00-96	8-1985A	Std.-25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	00-96	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-96	8-7250CH	Std.-026-.026X-.25MM	Race Performance
8	Rod Pair	00-96	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	00-96	224-43498		Use w/13/16" inlet tube screen
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
2	Head Bolt Set	00-96	260-2517	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	00-99	381-8213		
45 2004 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X 45					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	00-96	KT3-387S		(2) 222-387; (1) 223-764; (1) 223-766; (1) 223-843
1	Complete Set	04	KT-4005S		Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	03	KT-4005S		From 11/2002; Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	02	KT-4004S		To 10/2002; Incl. sprockets, chains, tensioners, arms & guides
1	Complete Set	01	KT-4004S		Incl. sprockets, chains, tensioners, arms & guides
1	Timing Chain	04-03	222-387		2 Req'd; 116 Links
1	Timing Chain	02	222-387		2 Req'd; 116 Links
1	Timing Chain	01	222-387		2 Req'd; 116 Links
2	Timing Chain	00-96	222-387		116 Links
1	Timing Chain Tensioner	04-03	222-321CT		Loc. L.H.; Tensioner arm

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

45 (cont.)		2004 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X				45 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain Tensioner	04-03	222-322CT		Loc. R.H.; Tensioner arm		
1	Timing Chain Tensioner	02	222-321CT		Loc. L.H.; Tensioner arm		
1	Timing Chain Tensioner	02	222-322CT		Loc. R.H.; Tensioner arm		
1	Timing Chain Tensioner	01	222-321CT		Loc. L.H.; Tensioner arm		
1	Timing Chain Tensioner	01	222-322CT		Loc. R.H.; Tensioner arm		
1	Timing Chain Tensioner	00-96	222-321CT		Loc. L.H.; Tensioner arm		
1	Timing Chain Tensioner	00-96	222-322CT		Loc. R.H.; Tensioner arm		
1	Timing Chain Guide	04	222-370GP		Loc. L.H.		
1	Timing Chain Guide	04	222-371GP		Loc. R.H.		
1	Timing Chain Guide	01	222-370GP		Loc. L.H.		
1	Timing Chain Guide	01	222-371GP		Loc. R.H.		
1	Timing Chain Guide	00-96	222-370GP		Loc. L.H.		
1	Timing Chain Guide	00-96	222-371GP		Loc. R.H.		
1	Crank Sprocket	01	223-843		21 Teeth; 1-Piece design		
1	Crank Sprocket	00-96	223-843		21 Teeth; 1-Piece design		
1	Cam Sprocket	04-03	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-03	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	02	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	02	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	01	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	01	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	00-96	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	00-96	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	04-96	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	04-96	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	99-96	KC-1528		Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/.020" O/S journals; (1) 55-403B; (1) CS-1528; (1) CS-1529; (16) HT-2271		
1	Cam/Lifter Kit	99-96	KC-1575		Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/Std. journals; (1) 55-403B; (1) CS-1574; (1) CS-1575; (16) HT-2271		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	04-96	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	04-01	V-4603	Std Only	Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.		
8	Intake	04-01	V-4602	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	04-96	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	04	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability		
16	Spring	96	VS-1632	Std Only	Loc. Int. & Exh.; 2" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	04-96	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	04-01	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	02-00	H878CP	Std-.25-.50-.75-1.00-1.50 MM	Hypereutectic; w/HP Improved heads; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .188 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.		
8	Cast Piston	00-96	H858CP	Std-.50-.75-1.00MM	Use w/E-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.		
8	Cast Piston - Individual	02-00	WH878CP .50MM	.50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .188 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.		
8	Cast Piston - Individual	00-96	WH858CP	Std-.50-.75-1.00MM	Use w/WE-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.		
8	Pin Bushing	02-96	1989YA				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-96	E-916K	Std-.50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	02-96	WE-916K	Std-.50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

	45 (cont.)	2004 - 1996; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X		45 (cont.)
BLOCK				
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.	DESCRIPTION
1	Main Set	04-97	7296MA	Std.-25-.50-.75-1.00MM A-Series aluminum bearings
1	Main Set	04-97	7296MA 25X2	25X2-50X2 A-Series aluminum bearings; w/.002" O/S OD
1	Main Set	04-97	7402MA .25MM	.25MM A-Series aluminum bearings; .25MM O/S thrust length
1	Main Set	02-97	153M	Std.-026-.026X-.25MM Race Performance
1	Thrust Washer Set	04-97	4507F	Std Only New Part Number - Check for Availability
1	Rod Set	04-96	8-1985A	Std.-25-.50-.75MM A-Series aluminum bearings
1	Rod Set	04-96	8-1985A 25X2	25X2-50X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-96	8-7250CH	Std.-026-.026X-.25MM Race Performance
8	Rod Pair	04-96	1985A	Std.-026-.25-.50-.75-1.00 MM A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	04-96	224-43498	Use w/13/16" inlet tube screen
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
2	Head Bolt Set	04-96	260-2517	Std Only Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION
1	Brass Block Plug Kit	04-99	381-8213	
46 2010 - 2005; 4.6L 281 (4605cc) SOHC V8 (24 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H 46				
VALVETRAIN				
QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Timing Chain	05	222-387	2 Req'd; 116 Links
1	Timing Chain Tensioner	10	222-321CT	Loc. L.H.; Tensioner arm
1	Timing Chain Tensioner	10	222-322CT	Loc. R.H.; Tensioner arm
1	Timing Chain Tensioner	10	222-368CT	Loc. L.H.
1	Timing Chain Tensioner	10	222-369CT	Loc. R.H.
1	Timing Chain Tensioner	09-07	222-321CT	Loc. L.H.; Tensioner arm
1	Timing Chain Tensioner	09-07	222-322CT	Loc. R.H.; Tensioner arm
1	Timing Chain Tensioner	09-07	222-368CT	Loc. L.H.
1	Timing Chain Tensioner	09-07	222-369CT	Loc. R.H.
1	Timing Chain Tensioner	06-05	222-321CT	Loc. L.H.; Tensioner arm
1	Timing Chain Tensioner	06-05	222-322CT	Loc. R.H.; Tensioner arm
1	Timing Chain Tensioner	06-05	222-368CT	Loc. L.H.
1	Timing Chain Tensioner	06-05	222-369CT	Loc. R.H.
1	Timing Chain Guide	10	222-373GP	Loc. L.H.
1	Timing Chain Guide	09-07	222-373GP	Loc. L.H.
1	Timing Chain Guide	08-07	222-372GP	Loc. R.H.
1	Timing Chain Guide	06	222-372GP	Loc. R.H.
1	Timing Chain Guide	06-05	222-373GP	Loc. L.H.
1	Timing Chain Guide	05	222-370GP	Loc. L.H.
1	Timing Chain Guide	05	222-371GP	Loc. R.H.
1	Crank Sprocket	10	223-869	21 teeth
1	Crank Sprocket	09-07	223-869	21 teeth
1	Crank Sprocket	06-05	223-869	21 teeth
1	Cam Sprocket	05	223-764	Loc. L.H.; 42 teeth; 42 Teeth
1	Cam Sprocket	05	223-766	Loc. R.H.; 42 teeth; 42 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
24	Lifter	10-05	HT-2305	Std Only
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
12	Exhaust	07-05	V-4686	Std Only Inconel X-751; Chrome plated stem; Premium Material; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.
12	Intake	07-05	V-4685	Std Only Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
48	Keeper	06-05	VK-288	Std Only Loc. Int. & Exh.
BLOCK				
QTY	PISTON	YEARS	PART NO.	DESCRIPTION
8	Cast Piston	09-05	H1135CT	Std-50-75-1.00-1.50MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 0.000 CD, Recessed Head .050 deep x 3.043 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston; THERMOSHIELD® coating on the head and in the top compression groove, 22.190mm Pin Dia.; New Part Number - Check for Availability
8	Pin Bushing	10-05	1989YA	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Rod Set	07-05	8-1985A	Std.-25-.50-.75MM A-Series aluminum bearings
8	Rod Pair	07-05	1985A	Std.-026-.25-.50-.75-1.00 MM A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

46 (cont.)		2010 - 2005; 4.6L 281 (4605cc) SOHC V8 (24 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H			46 (cont.)	
BLOCK						
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	10-05	224-43663			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	09-05	381-8213			
47		1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code F				47
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.	DESCRIPTION		
1	3 Piece Set	91	KT3-163SA1	Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612		
1	3 Piece Set	91	KT3-168SA2	(1) 222-168; (1) 223-438; (1) 223-685		
1	3 Piece Set	91	KT3-370SA1	Incl. silent type chain, cam & crank sprocket		
1	Timing Set w/Gaskets	91	CTS-2002	Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub		
1	Timing Chain	91	222-163	Double rlr.; 58 Links		
1	Timing Chain	91	222-168	Double rlr.; 66 Links		
1	Timing Chain	91	222-370	Silent type; 58 Links		
1	Crank Sprocket	91	223-531	Double row; Use w/Double rlr. chain; 21 Teeth		
1	Crank Sprocket	91	223-685	22 Teeth		
1	Cam Sprocket	91	223-438	44 Teeth		
1	Cam Sprocket	91	223-612	Double row; .900" thick cam sprocket hub; 42 Teeth		
1	Cam Sprocket	91	223-818	42 Teeth; Silent type; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION		
1	Camshaft	91	CS-759	Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 183 Int., 107 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	91	HT-2205	Std Only	Hyd. rlr.	
16	Lifter, Bulk	91	HT-2205B	Std Only	Hyd. rlr.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION		
1	Cam/Lifter Kit	91	KC-759	Hyd. rlr.; (1) 55-403B; (1) CS-759; (16) HT-2205		
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION		
16	Push Rod	91	RP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.	
16	Push Rod, Bulk	91	BRP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION		
16	Arm Assy.	91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount	
16	Arm Assy., Bulk	91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64	
16	Arm	91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount	
16	Arm	91	R-879A	Std Only	Stamped steel; Bolt type mount	
16	Bolt	91	MR-1847	Std Only	5/16" X 18 UNC w/Washer	
16	Pivot	91	MR-1811	Std Only		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
8	Exhaust	91	V-2429	Std Only	Chrome plated stem; 1.457" Head Dia., 0.3414" Stem Dia., 4.942" O.A.L.	
8	Intake	91	V-2430	Std-15	Chrome plated stem; 1.777" Head Dia., 0.342" Stem Dia., 4.942" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION		
16	Guide	91	VG-5005	Std Only	Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L.	
16	Guide	91	VG-5005H	Std Only	Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L.	
16	Guide	91	VG-5005T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.	
16	Guide, Bulk	91	VG-5005B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.	
16	Guide, Bulk	91	VG-5005TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION		
8	Spring	91	VS-718	Std Only	Loc. Int.; 2.028" Free Height	
8	Spring	91	VS-733	Std Only	Loc. Exh.; 1.923" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION		
16	Valve Stem Seal	91	ST-2001	Std Only	Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE	
16	Valve Stem Seal	91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	91	MV-1819C	Std Only	Loc. Exh.; Umbrella type; (NYL) Nylon	
8	Valve Stem Seal Bulk	91	MV-1819	Std Only	Loc. Exh.; Umbrella type; Carton of 50; (NYL) Nylon	
16	Valve Stem Seal Bulk	91	ST-2001BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION		
8	Seat	91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	91	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

47 (cont.)	1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code F				47 (cont.)
VALVETRAIN					
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION
8	Seat	91	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	91	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	91	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	91	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	91	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	91	RC-140	Std Only	Loc. Exh.
8	Rotocap	91	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	91	506P	Std-20-30-40	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.598 CD, Recessed Head .050 deep x 2.500 dia. - 8.9:1 C.R., 0.9122" Pin Dia.
8	Cast Piston	91	H273CP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston - Individual	91	W506P	Std-20-30-40	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.598 CD, Recessed Head .050 deep x 2.500 dia. - 8.9:1 C.R., 0.9122" Pin Dia.
8	Cast Piston - Individual	91	WH273CP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	91	8KH273CP 30	30-40-60	Perf. or reg. duty operation; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	91	E-251K	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	91	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	91	E-251X	Std-10-20-30-40-60-80	Use w/H654P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	91	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	91	WE-251K	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	91	WE-251KC	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Chrome
8	Premium Single Cylinder Set	91	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
8	Standard Single Cylinder Set	91	WE-251X	Std-20-30-40-60-80	Use w/WH654P piston; 2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
8	Repair Sleeve	91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	91	129M	Std-1-1X-10	Race Performance; 3/4 grooved
1	Main Set	91	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.
1	Main Set	91	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings ; Incl. contoured design thrust brg.
1	Main Set	91	7151M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	91	C129M	Std-1X-10	Race Performance; 3/4 grooved; DUROSHIELD® coated bearings
1	Rod Set	91	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings
1	Rod Set	91	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable
1	Rod Set	91	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use
1	Rod Set	91	8-7160CH	Std-1X-10	Race Performance
1	Rod Set	91	C8-7160CH	Std-10	Race Performance; Coated bearings
1	Rod Set	91	8-2600CA 60	60	Unplated & resizeable
8	Rod Pair	91	2600A	Std-1-10-20-30	A-Series aluminum bearings
8	Rod Pair	91	2600CP	Std-1-10-20-30	
1	Cam Set	91	1204M	Std-10	Babbitt material; Full round design
1	Cam Set	91	2102M	Std Only	Race Performance
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	91	224-41118		
1	Oil Pump	91	224-41128		High Volume, check pan for clearance; Incl. inter. shaft
1	Oil Pump	91	224-43370		High Pressure
1	Inter. Shaft	91	224-61118		
1	Screen Assy.	91	224-16118		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	91	260-1558		Head bolts not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	91	260-1720		Premium set; Hi-Perf.; Header gskts. incl.; Complete set
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

47 (cont.)		1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code F				47 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	91	381-8015				
1	Steel Block Plug Kit	91	381-4010				
1	Steel Deep Cup Freeze Plug	91	381-3038	0.750" Diameter			
1	Steel Deep Cup Freeze Plug	91	381-3095	0.500" Diameter			
1	Steel Shallow Cup Freeze Plug	91	381-2071	2.156" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			205-6214	205-1214		
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.			205-6214M	205-1214M		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
91-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. double rlr. type chain; .900" thick cam sprocket hub			MKP-7045	----		
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub			MK-7045	----		
91-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			505-7045	----		
91-91	Premium Set; Exh. header gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.			BK-6160	----		
91-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.			BK-6161	----		
91-91	Premium Set; Exh. header gskts. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.			BKP-6160	----		
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.			BKP-6161	----		
91-91	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			MK-6214B	MK-1214B		
48		1995 - 1993; 5.0L 302 OHV V8 (16 Valve), 4" Bore Cobra; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D				48	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	95-93	KT3-163SA1	Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612			
1	3 Piece Set	95-93	KT3-370SA1	Incl. silent type chain, cam & crank sprocket			
1	Timing Set w/Gaskets	94-93	CTS-2002	Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			
1	Timing Chain	95-93	222-163	Double rlr.; 58 Links			
1	Timing Chain	95-93	222-370	Silent type; 58 Links			
1	Crank Sprocket	94-93	223-531	Double row; Use w/Double rlr. chain; 21 Teeth			
1	Cam Sprocket	95-93	223-818	42 Teeth; Silent type; 42 Teeth			
1	Cam Sprocket	94-93	223-612	Double row; .900" thick cam sprocket hub; 42 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
16	Lifter	95-93	HT-2205	Std Only	Hyd. rlr.		
16	Lifter, Bulk	95-93	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
16	Push Rod	94-93	RP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.		
16	Push Rod, Bulk	94-93	BRP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	95-93	V-4555	Std Only	Chrome plated stem; 1.541" Head Dia., 0.3414" Stem Dia., 5.07" O.A.L.		
8	Intake	95-93	V-4500	Std Only	Chrome plated stem; 1.842" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	95-93	VG-5005	Std Only	Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L.		
16	Guide	95-93	VG-5005H	Std Only	Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L.		
16	Guide	95-93	VG-5005T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.		
16	Guide, Bulk	95-93	VG-5005B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.		
16	Guide, Bulk	95-93	VG-5005TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
8	Spring	93	VS-718	Std Only	Loc. Int.; 2.028" Free Height		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

48 (cont.)	1995 - 1993; 5.0L 302 OHV V8 (16 Valve), 4" Bore Cobra; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D				48 (cont.)
VALVETRAIN					
QTY	VALVE SPRING (cont.)	YEARS	PART NO.		DESCRIPTION
8	Spring	93	VS-733	Std Only	Loc. Exh.; 1.923" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	95-93	ST-2001	Std Only	Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
8	Valve Stem Seal	93	MV-1819C	Std Only	Loc. Exh.; Umbrella type; (NYL) Nylon
16	Valve Stem Seal Bulk	95-93	ST-2001BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
8	Valve Stem Seal Bulk	93	MV-1819	Std Only	Loc. Exh.; Umbrella type; Carton of 50; (NYL) Nylon
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	95-93	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	95-93	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	95-93	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth
8	Seat	95-93	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	95-93	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	95-93	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	95-93	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	95-93	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	95-93	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	95-93	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	95-93	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	95-93	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	95-93	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	95-93	RC-140	Std Only	Loc. Exh.
8	Rotocap	95-93	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	95-93	E-251K	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-93	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	95-93	E-251X	Std-10-20-30-40-60-80	Use w/H654P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-93	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	95-93	WE-251K	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	95-93	WE-251KC	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Chrome
8	Premium Single Cylinder Set	95-93	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
8	Standard Single Cylinder Set	95-93	WE-251X	Std-20-30-40-60-80	Use w/WH654P piston; 2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	95-93	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
8	Repair Sleeve	95-93	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	95-93	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.
1	Main Set	95-93	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings ; Incl. contoured design thrust brg.
1	Main Set	95-93	7151M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	93	129M	Std-1-1X-10	Race Performance; 3/4 grooved
1	Main Set	93	C129M	Std-1X-10	Race Performance; 3/4 grooved; DUROSHIELD® coated bearings
1	Rod Set	95-93	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings
1	Rod Set	95-93	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable
1	Rod Set	95-93	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use
1	Rod Set	95-93	8-7160CH	Std-1X-10	Race Performance
1	Rod Set	95-93	C8-7160CH	Std-10	Race Performance; Coated bearings
1	Rod Set	95-93	8-2600CA 60	60	Unplated & resizeable
8	Rod Pair	95-93	2600A	Std-1-10-20-30	A-Series aluminum bearings
8	Rod Pair	95-93	2600CP	Std-1-10-20-30	
1	Cam Set	95-93	1204M	Std-10	Babbitt material; Full round design
1	Cam Set	95-93	2102M	Std Only	Race Performance
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	95-93	224-41118		
1	Oil Pump	95-93	224-41128		High Volume, check pan for clearance; Incl. inter. shaft
1	Oil Pump	95-93	224-43370		High Pressure
1	Inter. Shaft	95-93	224-61118		
1	Screen Assy.	95-93	224-16118		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	95-93	260-1558		Int. manifold gskts. not incl.; Head bolts not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95-93	260-1720		Premium set; Hi-Perf.; Header gskts. incl.; Complete set
2	Head Bolt Set	95-93	260-2529	Std Only	Replacement required
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	95-93	381-8015		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

48 (cont.)		1995 - 1993; 5.0L 302 OHV V8 (16 Valve), 4" Bore Cobra; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D				48 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Steel Block Plug Kit	95-93	381-4010				
1	Steel Deep Cup Freeze Plug	95-93	381-3038	0.750" Diameter			
1	Steel Deep Cup Freeze Plug	95-93	381-3095	0.500" Diameter			
1	Steel Shallow Cup Freeze Plug	95-93	381-2071	2.156" Diameter			
KITS							
RE-RING KIT		YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.	
95-93	Int. manifold gskts. not incl.; Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring		205-6214	205-1214	
95-93	Int. manifold gskts. not incl.; Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.		Re-ring w/Mains		205-6214M	205-1214M	
49		1993 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E				49	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	93-91	KT3-163SA1	Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612			
1	3 Piece Set	93-91	KT3-370SA1	Incl. silent type chain, cam & crank sprocket			
1	Timing Set w/Gaskets	93-91	CTS-2002	Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			
1	Timing Chain	93-91	222-163	Double rlr.; 58 Links			
1	Timing Chain	93-91	222-370	Silent type; 58 Links			
1	Crank Sprocket	93-91	223-531	Double row; Use w/Double rlr. chain; 21 Teeth			
1	Cam Sprocket	93-91	223-612	Double row; .900" thick cam sprocket hub; 42 Teeth			
1	Cam Sprocket	93-91	223-818	42 Teeth; Silent type; 42 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	93-91	CS-760	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 210 Exh., 210 Int., 115 Degrees Lobe Separation, 0.445" Exh. Valve Lift, 0.445" Int. Valve Lift			
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	93-91	HT-2205	Std Only	Hyd. rlr.		
16	Lifter, Bulk	93-91	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION			
1	Cam/Lifter Kit	93-91	KC-760	Hyd. rlr.; (1) 55-403B; (1) CS-760; (16) HT-2205			
1	Cam/Lifter/Timing Kit	93-91	KCT-760	Hyd.; Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 55-403B; (1) CS-760; (16) HT-2205; (1) KT3-163SA1			
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
16	Push Rod	93-91	RP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.		
16	Push Rod, Bulk	93-91	BRP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
16	Arm Assy.	93-91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount		
16	Arm Assy., Bulk	93-91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64		
16	Arm	93-91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount		
16	Arm	93-91	R-879A	Std Only	Stamped steel; Bolt type mount		
16	Bolt	93-91	MR-1847	Std Only	5/16" X 18 UNC w/Washer		
16	Pivot	93-91	MR-1811	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	93-91	V-1961	Std-3-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.		
8	Exhaust, Bulk	93-91	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.		
8	Exhaust, Bulk	93-91	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.		
8	Intake	93-91	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.		
8	Intake, Bulk	93-91	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.		
8	Intake, Bulk	93-91	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	93-91	VG-5005	Std Only	Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L		
16	Guide	93-91	VG-5005H	Std Only	Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L		
16	Guide	93-91	VG-5005T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L		
16	Guide, Bulk	93-91	VG-5005B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L		
16	Guide, Bulk	93-91	VG-5005TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

49 (cont.)	1993 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E				49 (cont.)
VALVETRAIN					
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	93-91	VS-918	Std Only	Loc. Int.; 2.028" Free Height
8	Spring	93-91	VS-919	Std Only	Loc. Exh.; 1.9" Free Height
8	Spring, Bulk	93-91	VS-919B	Std Only	Loc. Exh.; Carton of 300; 1.9" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	93-91	ST-2001	Std Only	Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
16	Valve Stem Seal	92-91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber
8	Valve Stem Seal	93-91	MV-1819C	Std Only	Loc. Exh.; Umbrella type; (NYL) Nylon
8	Valve Stem Seal Bulk	93-91	MV-1819	Std Only	Loc. Exh.; Umbrella type; Carton of 50; (NYL) Nylon
16	Valve Stem Seal Bulk	93-91	ST-2001BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	93-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	93-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	93-91	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth
8	Seat	93-91	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	93-91	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	93-91	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	93-91	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	93-91	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	93-91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	93-91	RC-140	Std Only	Loc. Exh.
8	Rotocap	93-91	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	93-91	H606P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.600 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs, 0.9122" Pin Dia.
8	Cast Piston	93-91	H654CP	Std-20-30-40-60	Hypereutectic; Use w/E-251KC, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston	92-91	H273CP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston - Individual	93-91	WH606P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.600 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs, 0.9122" Pin Dia.
8	Cast Piston - Individual	93-91	WH654CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston - Individual	92-91	WH273CP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	93-91	8KH654CP 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8KH273CP 30	30-40-60	Perf. or reg. duty operation; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Power Forged	92-91	L-2488F	Std-20-30-40-60	Powerforged; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.619 CD, Flat Head w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9123" Pin Dia.
8	Forged Piston - Individual	92-91	WL-2488F	Std-20-30-40-60	Powerforged; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.619 CD, Flat Head w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9123" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-251K	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	93-91	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	93-91	E-251X	Std-10-20-30-40-60-80	Use w/H654P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	93-91	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	93-91	WE-251K	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	93-91	WE-251KC	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Chrome
8	Premium Single Cylinder Set	93-91	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
8	Standard Single Cylinder Set	93-91	WE-251X	Std-20-30-40-60-80	Use w/WH654P piston; 2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	93-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

49 (cont.)		1993 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E				49 (cont.)	
BLOCK							
QTY	SLEEVE (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Repair Sleeve	93-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	129M	Std-1-1X-10	Race Performance; 3/4 grooved		
1	Main Set	93-91	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.		
1	Main Set	93-91	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings; Incl. contoured design thrust brg.		
1	Main Set	93-91	7151M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	93-91	C129M	Std-1X-10	Race Performance; 3/4 grooved; DUROSHIELD® coated bearings		
1	Rod Set	93-91	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings		
1	Rod Set	93-91	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable		
1	Rod Set	93-91	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use		
1	Rod Set	93-91	8-7160CH	Std-1X-10	Race Performance		
1	Rod Set	93-91	C8-7160CH	Std-10	Race Performance; Coated bearings		
1	Rod Set	93-91	8-2600CA 60	60	Unplated & resizeable		
8	Rod Pair	93-91	2600A	Std-1-10-20-30	A-Series aluminum bearings		
8	Rod Pair	93-91	2600CP	Std-1-10-20-30			
1	Cam Set	93-91	1204M	Std-10	Babbitt material; Full round design		
1	Cam Set	93-91	2102M	Std Only	Race Performance		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-41118				
1	Oil Pump	93-91	224-41128		High Volume, check pan for clearance; Incl. inter. shaft		
1	Oil Pump	93-91	224-43370		High Pressure		
1	Inter. Shaft	93-91	224-61118				
1	Screen Assy.	93-91	224-16118				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93-91	260-1558		Head bolts not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	93-91	260-1720		Premium set; Hi-Perf.; Header gskts. incl.; Complete set		
2	Head Bolt Set	93-92	260-2529	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	93-91	381-8015				
1	Steel Block Plug Kit	93-91	381-4010				
1	Steel Deep Cup Freeze Plug	93-91	381-3038		0.750" Diameter		
1	Steel Deep Cup Freeze Plug	93-91	381-3095		0.500" Diameter		
1	Steel Shallow Cup Freeze Plug	93-91	381-2071		2.156" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Re-ring	205-6214	205-1214	
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.			Re-ring w/Mains	205-6214M	205-1214M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H654P piston			Master	MKP-7047	----	
92-91	Use w/H654P piston; Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub			Master w/o Pistons	MK-7047	----	
92-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H654P piston			Master w/o Rods & Mains	505-7047	----	
93-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.			Block Kit w/Premium Rings	BK-6162	----	
93-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H606P piston			Block Kit w/Premium Rings	BK-6163	----	
93-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H654P piston			Block Kit w/Premium Rings	BK-6164	----	
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6162	----	
93-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H606P piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6163	----	
93-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H654P piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6164	----	
93-91	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master	MKP-6214D	MKP-1214D	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

49 (cont.)	1993 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E				49 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H606P piston	Master		MKP-7046	MKP-2046
93-91	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons		MK-6214D	MK-1214D
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub	Master w/o Pistons		MK-7046	MK-2046
93-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains		505-6214D	505-1214D
93-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H606P piston	Master w/o Rods & Mains		505-7046	505-2046
50					
1995 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	95-91	KT3-163SA1	Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612	
1	3 Piece Set	95-91	KT3-370SA1	Incl. silent type chain, cam & crank sprocket	
1	Timing Set w/Gaskets	94-91	CTS-2002	Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	
1	Timing Chain	95-91	222-163	Double rlr.; 58 Links	
1	Timing Chain	95-91	222-370	Silent type; 58 Links	
1	Crank Sprocket	94-91	223-531	Double row; Use w/Double rlr. chain; 21 Teeth	
1	Cam Sprocket	95-91	223-818	42 Teeth; Silent type; 42 Teeth	
1	Cam Sprocket	94-91	223-612	Double row; .900" thick cam sprocket hub; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	95-91	CS-760	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 210 Exh., 210 Int., 115 Degrees Lobe Separation, 0.445" Exh. Valve Lift, 0.445" Int. Valve Lift	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	95-91	HT-2205	Std Only	Hyd. rlr.
16	Lifter, Bulk	95-91	HT-2205B	Std Only	Hyd. rlr.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95-91	KC-760	Hyd. rlr.; (1) 55-403B; (1) CS-760; (16) HT-2205	
1	Cam/Lifter/Timing Kit	95-91	KCT-760	Hyd.; Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 55-403B; (1) CS-760; (16) HT-2205; (1) KT3-163SA1	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	95	RP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.
16	Push Rod	94-91	RP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.
16	Push Rod, Bulk	95	BRP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.
16	Push Rod, Bulk	94-91	BRP-3241	Std Only	Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	95-91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount
16	Arm Assy., Bulk	95-91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64
16	Arm	95-91	R-879A	Std Only	Stamped steel; Bolt type mount
16	Arm	94-91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount
16	Bolt	94-91	MR-1847	Std Only	5/16" X 18 UNC w/Washer
16	Pivot	95-91	MR-1811	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	95-91	V-1961	Std-3-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.
8	Exhaust, Bulk	95-91	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.
8	Exhaust, Bulk	95-91	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.
8	Intake	94-91	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	94-91	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	94-91	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

50 (cont.)	1995 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T				50 (cont.)
VALVETRAIN					
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION
16	Guide	95-91	VG-5005	Std Only	Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L
16	Guide	95-91	VG-5005H	Std Only	Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L
16	Guide	95-91	VG-5005T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L
16	Guide, Bulk	95-91	VG-5005B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L
16	Guide, Bulk	95-91	VG-5005TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	95-91	VS-918	Std Only	Loc. Int.; 2.028" Free Height
8	Spring	95-91	VS-919	Std Only	Loc. Exh.; 1.9" Free Height
8	Spring, Bulk	95-91	VS-919B	Std Only	Loc. Exh.; Carton of 300; 1.9" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	95-91	ST-2001	Std Only	Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
16	Valve Stem Seal	92-91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber
8	Valve Stem Seal	93-91	MV-1819C	Std Only	Loc. Exh.; Umbrella type; (NYL) Nylon
16	Valve Stem Seal Bulk	95-91	ST-2001BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
8	Valve Stem Seal Bulk	93-91	MV-1819	Std Only	Loc. Exh.; Umbrella type; Carton of 50; (NYL) Nylon
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	95-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	95-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	95-91	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth
8	Seat	95-91	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	95-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	95-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	95-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	95-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	95-91	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	95-91	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	95-91	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	95-91	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	95-91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	95-91	RC-140	Std Only	Loc. Exh.
8	Rotocap	95-91	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	95-91	H654CP	Std-20-30-40-60	Hypereutectic; Use w/E-251KC, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston	94-91	H606P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.600 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs, 0.9122" Pin Dia.
8	Cast Piston	92-91	H273CP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston - Individual	95-91	WH654CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston - Individual	94-91	WH606P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.600 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs, 0.9122" Pin Dia.
8	Cast Piston - Individual	92-91	WH273CP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	95-91	8KH654CP 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8KH273CP 30	30-40-60	Perf. or reg. duty operation; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.605 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Forged Piston - Individual	92-91	WL-2488F	Std-20-30-40-60	Powerforged; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.619 CD, Flat Head w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9123" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	95-91	E-251K	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-91	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	95-91	E-251X	Std-10-20-30-40-60-80	Use w/H654P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-91	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	95-91	WE-251K	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	95-91	WE-251KC	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Chrome

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

50 (cont.)	1995 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T					50 (cont.)
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Premium Single Cylinder Set	95-91	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly	
8	Standard Single Cylinder Set	95-91	WE-251X	Std-20-30-40-60-80	Use w/WH654P piston; 2-5/64, 1-3/16; Iron	
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION	
8	Repair Sleeve	95-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"	
8	Repair Sleeve	95-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.	
1	Main Set	95-91	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings ; Incl. contoured design thrust brg.	
1	Main Set	95-91	7151M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	93-91	129M	Std-1-1X-10	Race Performance; 3/4 grooved	
1	Main Set	93-91	C129M	Std-1X-10	Race Performance; 3/4 grooved; DUROSHIELD® coated bearings	
1	Rod Set	95-91	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings	
1	Rod Set	95-91	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable	
1	Rod Set	95-91	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use	
1	Rod Set	95-91	8-7160CH	Std-1X-10	Race Performance	
1	Rod Set	95-91	C8-7160CH	Std-10	Race Performance; Coated bearings	
1	Rod Set	95-91	8-2600CA 60	60	Unplated & resizeable	
8	Rod Pair	95-91	2600A	Std-1-10-20-30	A-Series aluminum bearings	
8	Rod Pair	95-91	2600CP	Std-1-10-20-30		
1	Cam Set	95-91	1204M	Std-10	Babbitt material; Full round design	
1	Cam Set	95-91	2102M	Std Only	Race Performance	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	95-91	224-41118			
1	Oil Pump	95-91	224-41128		High Volume, check pan for clearance; Incl. inter. shaft	
1	Oil Pump	95-91	224-43370		High Pressure	
1	Inter. Shaft	95-91	224-61118			
1	Screen Assy.	95-91	224-16118			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95-91	260-1558		Head bolts not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-91	260-1720		Premium set; Hi-Perf.; Header gskts. incl.; Complete set	
2	Head Bolt Set	95-92	260-2529	Std Only	Replacement required	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	95-91	381-8015			
1	Steel Block Plug Kit	95-91	381-4010			
1	Steel Deep Cup Freeze Plug	95-91	381-3038		0.750" Diameter	
1	Steel Deep Cup Freeze Plug	95-91	381-3095		0.500" Diameter	
1	Steel Shallow Cup Freeze Plug	95-91	381-2071		2.156" Diameter	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Re-ring	205-6214	205-1214
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.			Re-ring w/Mains	205-6214M	205-1214M
OVERHAUL KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
95-95	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H654P piston			Master	MKP-7047	----
92-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H654P piston			Master	MKP-7047	----
95-95	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub			Master w/o Pistons	MK-7047	----
92-91	Use w/H654P piston; Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub			Master w/o Pistons	MK-7047	----
95-95	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H654P piston			Master w/o Rods & Mains	505-7047	----
92-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H654P piston			Master w/o Rods & Mains	505-7047	----
95-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.			Block Kit w/Premium Rings	BK-6162	----

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

50 (cont.)		1995 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore H.O.; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T				50 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H654P piston	Block Kit w/Premium Rings			BK-6164	----	
94-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H606P piston	Block Kit w/Premium Rings			BK-6163	----	
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs			BKP-6162	----	
95-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H654P piston	Block Kit w/Oil Pump & Freeze Plugs			BKP-6164	----	
94-91	Premium Set; Exh. header gskts. incl.; Complete set; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Incl. H606P piston	Block Kit w/Oil Pump & Freeze Plugs			BKP-6163	----	
94-91	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master			MKP-6214D	MKP-1214D	
94-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H606P piston	Master			MKP-7046	MKP-2046	
94-91	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons			MK-6214D	MK-1214D	
94-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub	Master w/o Pistons			MK-7046	MK-2046	
94-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains			505-6214D	505-1214D	
94-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub; Incl. H606P piston	Master w/o Rods & Mains			505-7046	505-2046	
51		2005; 5.4L 330 (5408cc) DOHC V8 (32 Valve), 90.2mm Bore Intech Windsor; MFI; Gasoline; Supercharged - Intercooled Ford Eng.; VIN Code G				51	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	05	222-391		Primary Chain; 122 Links		
1	Timing Chain Tensioner	05	222-368CT		Loc. L.H.		
1	Timing Chain Tensioner	05	222-369CT		Loc. R.H.		
1	Timing Chain Tensioner	05	222-370CT		Loc. L.H.; Tensioner Arm		
1	Timing Chain Tensioner	05	222-371CT		Loc. R.H.; Tensioner Arm		
1	Timing Chain Guide	05	222-374GP		Loc. L.H.		
1	Timing Chain Guide	05	222-375GP		Loc. R.H.		
1	Crank Sprocket	05	223-869		21 teeth		
1	Cam Sprocket	05	223-790A		Secondary; 20 Teeth		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
32	Valve Stem Seal	05	ST-2141	Std Only	Positive type; (VTN) Viton®		
BLOCK							
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	05	381-8213				
52		2001 - 1999; 5.4L 330 (5408cc) DOHC V8 (32 Valve), 90.2mm Bore Intech Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H				52	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	01-99	222-391		Primary Chain; 122 Links		
1	Timing Chain Tensioner	01-99	222-370CT		Loc. L.H.; Tensioner Arm		
1	Timing Chain Tensioner	01-99	222-371CT		Loc. R.H.; Tensioner Arm		
1	Timing Chain Guide	01-99	222-374GP		Loc. L.H.		
1	Timing Chain Guide	01-99	222-375GP		Loc. R.H.		
1	Cam Sprocket	01-99	223-790A		Secondary; 20 Teeth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Pin Bushing	00	1989YA				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00	7296MA	Std-25-50-75-1.00MM	A-Series aluminum bearings		
1	Rod Set	00	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	01-99	381-8213				

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

53	2010 - 2006; 5.4L 330 (5408cc) DOHC V8 (32 Valve), 90.2mm Bore Intech Windsor; MFI; Gasoline; Supercharged - Intercooled Ford Eng.; VIN Code S				53
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	07-06	222-391		Primary Chain; 122 Links
1	Timing Chain Tensioner	07-06	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	07-06	222-369CT		Loc. R.H.
1	Timing Chain Tensioner	07-06	222-370CT		Loc. L.H.; Tensioner Arm
1	Timing Chain Tensioner	07-06	222-371CT		Loc. R.H.; Tensioner Arm
1	Timing Chain Guide	07-06	222-374GP		Loc. L.H.
1	Timing Chain Guide	07-06	222-375GP		Loc. R.H.
1	Cam Sprocket	07-06	223-790A		Secondary; 20 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
32	Lifter	10-06	HT-2271	Std Only	Hyd. lash adj.
32	Lifter, Bulk	10-06	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
32	Guide	06	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
32	Valve Stem Seal	06	ST-2141	Std Only	Positive type; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
64	Keeper	06	VK-287	Std Only	3 groove; w/ .2750 Stem Dia.
BLOCK					
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	10-06	381-8213		
54	1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; 2 Bbl.; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G				54
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	91	KT3-163SA1		Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612
1	Timing Set w/Gaskets	91	CTS-2002		Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub
1	Timing Chain	91	222-163		Double rlr.; 58 Links
1	Crank Sprocket	91	223-531		Double row; Use w/Double rlr. chain; 21 Teeth
1	Cam Sprocket	91	223-612		Double row; .900" thick cam sprocket hub; 42 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	91	CS-764		Hydraulic, (050) Duration at .050 Lobe Lift, 221 Exh., 206 Int., 115 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	91	HT-900	Std Only	Hyd.
16	Lifter	91	HT-900R	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.
16	Lifter, Bulk	91	HT-900B	Std Only	Hyd.; Carton of 122
16	Lifter, Bulk	91	HT-900RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	91	KC-764		Hyd.; (1) 55-403B; (1) CS-764; (16) HT-900
1	Cam/Lifter/Timing Kit	91	KCT-764C		Hyd.; Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 55-403B; (1) CS-764; (16) HT-900; (1) KT3-163SA1
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	91	RP-3209	Std Only	8.182" O.A.L.
16	Push Rod	91	RP-3323R	Std Only	Chrome-Moly; 8.182" O.A.L.
16	Push Rod, Bulk	91	BRP-3209	Std Only	Carton of 100; 8.182" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm Assy.	91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount
16	Arm Assy., Bulk	91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64
16	Arm	91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount
16	Arm	91	R-879A	Std Only	Stamped steel; Bolt type mount
16	Pivot	91	MR-1811	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	91	V-1961	Std-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.
8	Exhaust, Bulk	91	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.
8	Exhaust, Bulk	91	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.
8	Intake	91	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	91	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	91	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

54 (cont.)		1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; 2 Bbl.; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G				54 (cont.)	
VALVETRAIN							
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	91	VS-661	Std Only	Loc. Int.; Incl. damper; 2.046" Free Height		
8	Spring	91	VS-718	Std Only	Loc. Int.; 2.028" Free Height		
8	Spring	91	VS-919	Std Only	Loc. Exh.; 1.9" Free Height		
8	Spring, Bulk	91	VS-919B	Std Only	Loc. Exh.; Carton of 300; 1.9" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	91	ST-2001	Std Only	Use w/O.E. guide; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE		
16	Valve Stem Seal	91	MV-1796C	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber		
16	Valve Stem Seal	91	MV-1888C	Std Only	Loc. Int.; Positive type; (VTN) Viton®		
16	Valve Stem Seal Bulk	91	MV-1796	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber		
16	Valve Stem Seal Bulk	91	MV-1888	Std Only	Loc. Int.; Positive type; Carton of 50; (VTN) Viton®		
16	Valve Stem Seal Bulk	91	ST-2001BC	Std Only	Use w/O.E. guide; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
8	Seat	91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
16	Spring Insert	91	259-103A	Std Only	.060"; ID 1.030"; Carton of 100		
16	Spring Insert	91	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500		
16	Spring Insert	91	259-103B	Std Only	.030"; ID 1.030"; Carton of 100		
16	Spring Insert	91	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500		
16	Spring Insert	91	259-103C	Std Only	.015"; ID 1.030"; Carton of 100		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	91	463P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.		
8	Cast Piston	91	H653CP	Std-20-30-40-60	Hypereutectic; Use w/E-251KC, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.765 CD, Recessed Head .190 deep oblong; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.		
8	Cast Piston - Individual	91	W463P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.		
8	Cast Piston - Individual	91	WH653P 20	20	Hypereutectic; Use w/WE-251KC, WE-251K or WE-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.765 CD, Recessed Head .190 deep oblong, 0.9122" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	91	8K463P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.		
1	Cast Piston Set w/Econ. Rings	91	8X463P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.		
8	Power Forged	91	L-2446F	Std-30-40	Powerforged; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.772 CD, Recessed Head .110 deep. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.; New Part Number - Check for Availability		
8	Forged Piston - Individual	91	WL-2446F	Std-30-40	Powerforged; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.772 CD, Recessed Head .110 deep. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	91	E-251K	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Premium Set	91	E-251KC	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Chrome		
1	Premium Set	91	R-9903	Std-20-30-60	2-5/64, 1-3/16; Speed-Pro plasma-moly Perf. ring set; Plasma Moly		
1	Standard Set	91	E-251X	Std-10-20-30-40-60-80	2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	91	WE-251K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
8	Premium Single Cylinder Set	91	WE-251KC	Std-20-30-40-60	2-5/64, 1-3/16; Premium Chrome		
8	Standard Single Cylinder Set	91	WE-251X	Std-20-30-40-60-80	2-5/64, 1-3/16; Iron		
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION		
8	Repair Sleeve	91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"		
8	Repair Sleeve	91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	130M	Std-1-1X-10-20	Race Performance		
1	Main Set	91	5078M	Std-1-10-20-30-40			
1	Main Set	91	5078MA	Std-1-10-20-30-40	A-Series aluminum bearings		
1	Main Set	91	7154M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	91	C130M	Std-1X-10	Race Performance; DUROSHIELD® coated bearings		
1	Rod Set	91	8-3380A	Std-1-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	91	8-3380A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		

Ford Car (Incl. Edsel, Ford, Lincoln, Mercury, Merkur)

54 (cont.)	1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; 2 Bbl.; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G					54 (cont.)
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	91	8-3380CPA	Std-10-20-30-40		
1	Rod Set	91	8-7155CH	Std-10	Race Performance	
1	Rod Set	91	C8-7155CH	Std-10	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole	
8	Rod Pair	91	3380A	Std-1-10-20-30-40	A-Series aluminum bearings	
8	Rod Pair	91	3380CPA	Std-1-10-20-30-40		
1	Cam Set	91	1204M	Std-10	Babbitt material; Full round design	
1	Cam Set	91	2102M	Std Only	Race Performance	
OIL PUMP						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-41143			
1	Oil Pump	91	224-41143V		High Volume, check pan for clearance	
1	Inter. Shaft	91	224-61143			
1	Screen Assy.	91	224-12143			
GASKETS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1446		Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.	
FREEZE PLUGS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8015			
1	Steel Block Plug Kit	91	381-4010			
1	Steel Deep Cup Freeze Plug	91	381-3038		0.750" Diameter	
1	Steel Deep Cup Freeze Plug	91	381-3095		0.500" Diameter	
1	Steel Shallow Cup Freeze Plug	91	381-2071		2.156" Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Re-ring	205-6116	205-1116
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Re-ring w/Mains	205-6116M	205-1116M
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/Frg. Pstn. Prm. Rings	MKF-6116A	----
91-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6167	----
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6167	----
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master	MKP-6116A	MKP-1116A
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Pistons	MK-6116A	MK-1116A
91-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6116A	505-1116A
55						
1996 - 1995; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor Cobra; MFI; Gasoline;					55	
Naturally Aspirated Ford Eng.; VIN Code C						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	96-95	KT3-370SA1		Incl. silent type chain, cam & crank sprocket	
1	Timing Chain	96-95	222-370		Silent type; 58 Links	
1	Cam Sprocket	96-95	223-818		42 Teeth; Silent type; 42 Teeth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-95	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly	
1	Standard Set	96-95	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron	
8	Premium Single Cylinder Set	96-95	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly	
ENGINE BEARINGS						
QTY		YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-95	5078M	Std-1-10-20-30-40		
1	Main Set	96-95	5078MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	96-95	7154M 10	10-20-30	.020" O/S length flange brg.	
1	Rod Set	96-95	8-3380A	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Rod Set	96-95	8-3380A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	96-95	8-3380CPA	Std-10-20-30-40		
8	Rod Pair	96-95	3380A	Std-1-10-20-30-40	A-Series aluminum bearings	
8	Rod Pair	96-95	3380CPA	Std-1-10-20-30-40		
1	Cam Set	96-95	1204M	Std-10	Babbitt material; Full round design	

Ford Minivans - See Ford Truck

Ford SUV's - See Ford Truck

Ford Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	121.0	1988cc	DOHC L4	84.8mm	16	Ford Eng.	B			MFI/Gasoline	2004-2001	1
2.0L	122.0	1999cc	DOHC L4	87.5mm	16	Ford Eng.	N			MFI/Gasoline	2011-2010	2
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.	D			MFI/Gasoline	2011-2001	3
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.	H			MFI/Hybrid (Gas/Electric)	2008-2005	4
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.	Z			MFI/Gasoline	2008-2005	5
2.3L	140.0	2302cc	SOHC L4	96mm	8	Ford Eng.	A			MFI/Gasoline	1997-1991	6
2.5L	153.0	2503cc	SOHC L4	96mm	8	Ford Eng.	C			MFI/Gasoline	2001-1998	7
2.9L	177.0	2935cc	OHV V6	93mm	12	Ford Eng.	T			MFI/Gasoline	1992-1991	8
3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.	1	VG30E		MFI/Gasoline	1998-1997	9
3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.	W	VG30E		MFI/Gasoline	1996-1993	10
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	1			MFI/Gasoline	2008-2001	11
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	G			MFI/Gasoline	2010-2009	12
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	U			MFI/Gasoline	2008-1991	13
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	V			MFI/Flex Fuel	2008-1999	14
3.3L	199.8	3274cc	SOHC V6	91.5mm	12	Nissan Eng.	T	VG33E		MFI/Gasoline	2002-1999	15
3.5L	213.3	3496cc	DOHC V6	92.5mm	24	Ford Eng.	C			MFI/Gasoline	2009-2007	16
3.5L	213.3	3496cc	DOHC V6	92.5mm	24	Ford Eng.	W			MFI/Gasoline	2009-2008	17
3.8L	232.0	3797cc	OHV V6	96.8mm	12	Ford Eng.	4			MFI/Gasoline	2003-1995	18
3.9L	238.0	3887cc	OHV V6	96.8mm	12	Ford Eng.	6			MFI/Gasoline	2007-2004	19
4.0L	244.0	4015cc	OHV V6	100.4mm	12	Ford Eng.	X			MFI/Gasoline	2001-1991	20
4.0L	244.0	4015cc	SOHC V6	100.4mm	12	Ford Eng.	E			MFI/Gasoline	2010-1997	21
4.0L	244.0	4015cc	SOHC V6	100.4mm	12	Ford Eng.	K			MFI/Flex Fuel	2010-2000	22
4.2L	256.0	4196cc	OHV V6	96.8mm	12	Ford Eng.	2			MFI/Gasoline	2008-1997	23
4.6L	281.0	4605cc	DOHC V8	90.2mm	32	Ford Eng.	A			MFI/Gasoline	2005	24
4.6L	281.0	4605cc	DOHC V8	90.2mm	32	Ford Eng.	H			MFI/Gasoline	2004-2003	25
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	V			MFI/Flex Fuel	2009-2006	26
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	W			MFI/Gasoline	2011-1997	27
4.6L	281.0	4605cc	SOHC V8	90.2mm	16	Ford Eng.	6			MFI/Gasoline	2003-1997	28
4.6L	281.0	4605cc	SOHC V8	90.2mm	24	Ford Eng.	8			MFI/Gasoline	2010-2006	29
4.9L	300.0	4917cc	OHV L6	101.6mm	12	Ford Eng.	9			MFI/Gasoline	1996-1991	30
4.9L	300.0	4917cc	OHV L6	101.6mm	12	Ford Eng.	Y			MFI/Gasoline	1997-1991	31
4.9L	300.0	4917cc	OHV L6	101.6mm	12	Ford Eng.	Z			MFI/Bi-Fuel	1997-1994	32
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	N			MFI/Gasoline	1996-1991	33
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	P			MFI/Gasoline	2001-1996	34
5.0L	302.0	4949cc	OHV V8	101.6mm	16	Ford Eng.	Y			MFI/Gasoline	1992-1991	35
5.4L	330.0	5408cc	DOHC V8	90.2mm	32	Ford Eng.	A			MFI/Gasoline	2004-1999	36
5.4L	330.0	5408cc	DOHC V8	90.2mm	32	Ford Eng.	R			MFI/Gasoline	2005-2002	37
5.4L	330.0	5408cc	SOHC V8	90.2mm	16	Ford Eng.	3			MFI/Gasoline	2004-1999	38
5.4L	330.0	5408cc	SOHC V8	90.2mm	16	Ford Eng.	L			MFI/Gasoline	2011-1997	39
5.4L	330.0	5408cc	SOHC V8	90.2mm	16	Ford Eng.	M			MFI/Natural Gas	2009-1997	40
5.4L	330.0	5408cc	SOHC V8	90.2mm	16	Ford Eng.	W			MFI/Gasoline	2004-2001	41
5.4L	330.0	5408cc	SOHC V8	90.2mm	16	Ford Eng.	Z			MFI/Bi-Fuel	2009-1997	42
5.4L	330.0	5408cc	SOHC V8	90.2mm	24	Ford Eng.	5			MFI/Flex Fuel	2011-2009	43
5.4L	330.0	5408cc	SOHC V8	90.2mm	24	Ford Eng.	5			MFI/Gasoline	2011-2004	44
5.4L	330.0	5408cc	SOHC V8	90.2mm	24	Ford Eng.	5			MFI/Gasoline	2009-2008	45
5.4L	330.0	5408cc	SOHC V8	90.2mm	24	Ford Eng.	V			MFI/Flex Fuel	2010-2006	46
5.8L	351.0	5752cc	OHV V8	101.6mm	16	Ford Eng.	H			MFI/Gasoline	1998-1991	47
5.8L	351.0	5752cc	OHV V8	101.6mm	16	Ford Eng.	R			MFI/Gasoline	1996-1993	48
6.0L	365.0	5982cc	OHV Turbo - Intercooled V8	95mm	32	International Eng.	P			DI/Diesel	2010-2003	49
6.2L	378.9	6210cc	SOHC V8	102mm	16	Ford Eng.	6			MFI/Gasoline	2011-2010	50
6.4L	390.0	6391cc	OHV Turbo - Intercooled V8	98mm	32	International Eng.	R			DI/Diesel	2011-2008	51
6.8L	415.0	6751cc	SOHC V10	90.2mm	20	Ford Eng.	S			MFI/Gasoline	2011-1997	52
6.8L	415.0	6751cc	SOHC V10	90.2mm	30	Ford Eng.	Y			MFI/Gasoline	2010-2005	53
7.3L	444.0	7292cc	OHV Turbo V8	104.39mm	16	International Eng.	C			IDI/Diesel	1993-1992	54
7.3L	444.0	7292cc	OHV Turbo V8	104.39mm	16	International Eng.	K			IDI/Diesel	1994	55
7.3L	444.0	7292cc	OHV Turbo V8	104.39mm	16	International Eng.	F			DI/Diesel	2003-1994	56
7.3L	444.0	7292cc	OHV V8	104.39mm	16	International Eng.	M			IDI/Diesel	1995-1991	57

Ford Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
7.5L	460.0	7539cc	OHV V8	110.74mm	16	Ford Eng.	G			MFI/Gasoline	1998-1991	58
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
VG30E	3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.	1	MFI/Gasoline	1998-1997	9	
VG30E	3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.	W	MFI/Gasoline	1996-1993	10	
VG33E	3.3L	199.8	3274cc	SOHC V6	91.5mm	12	Nissan Eng.	T	MFI/Gasoline	2002-1999	15	
1	2004 - 2001; 2.0L 121 (1988cc) DOHC L4 (16 Valve), 84.8mm Bore Zetec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code B										1	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	04-01	V-4595	Std Only Chrome plated stem; 1.102" Head Dia., 0.237" Stem Dia., 3.801" O.A.L.								
8	Intake	04-01	V-4594	Std Only 1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.								
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION								
8	Spring	04-03	VS-1646	Std Only Loc. Int.; 1.6457" Free Height								
BLOCK												
QTY	PISTON	YEARS	PART NO.	DESCRIPTION								
4	Cast Piston	04-01	H872CP	Std.-50-.75-1.00MM Hypereutectic; 1 - , 1.50mm Groove, 1 - 1.75mm Groove, 1 - 3.00mm Groove, 1.147 CD, Domed Head .032 high w/3 valve reliefs; DUROSHIELD® skirt coated piston, 0.7881" Pin Dia.								
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	04-01	7193MA	Std.-25-.50MM A-Series aluminum bearings								
1	Rod Set	04-01	4-4135RA	Std.-25-.50MM A-Series aluminum bearings								
1	Rod Set	04-01	4-4135RA 25X2	25X2-50X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore								
4	Rod Pair	04-01	4135RA	Std.-25-.50MM A-Series aluminum bearings								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
1	Head Bolt Set	04-01	260-2550	Std Only Replacement required; New Part Number - Check for Availability								
2	2011 - 2010; 2.0L 122 (1999cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N										2	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	11-10	V-4718	Std Only Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.								
8	Intake	11-10	V-4719	Std Only Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.								
BLOCK												
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION								
1	Oil Pump	11-10	224-43660	Replaces OEM CM5Z6600-A, 1S7Z6600-AA								
3	2011 - 2001; 2.3L 138 (2261cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D										3	
VALVETRAIN												
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	10-03	V-4718	Std Only Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.								
8	Intake	11-03	V-4719	Std Only Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.								
BLOCK												
QTY	PISTON	YEARS	PART NO.	DESCRIPTION								
4	Cast Piston	05-01	H895CP	Std.-50-.75-1.00MM Hypereutectic; 1.112 CD, Recessed Head 0.160 deep x 2.914 dia., 21.006mm Pin Dia.								
QTY	RINGS	YEARS	PART NO.	DESCRIPTION								
1	Premium Set	05-01	E-973KC	Std.-50-.75-1.00MM 1-1.20MM, 1-1.20MM, 1-3.00MM; Premium Chrome								
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	05-01	7411MA	Std.-25-.50MM								
1	Rod Set	05-01	4-4930A	Std.-25-.50MM								
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION								
1	Oil Pump	11-01	224-43660	Replaces OEM CM5Z6600-A, 1S7Z6600-AA								
1	Oil Pump	05-04	224-43630	Replaces OEM 3M4Z6600-BA								
1	Screen Assy.	11-03	224-14291	Replaces OEM 1L5Z6622-AA								
1	Screen Assy.	05-04	224-14290	Replaces OEM 6M8Z6622-AA								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
1	Kit Gasket Set	08-04	260-1979	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.								

Ford Truck (Incl. Minivans and SUV's)

3 (cont.)		2011 - 2001; 2.3L 138 (2261cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D			3 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	03-01	260-1978	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
4		2008 - 2005; 2.3L 138 (2261cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Hybrid (Gas/Electric); Naturally Aspirated Ford Eng.; VIN Code H			4	
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
8	Exhaust	08-05	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.	
8	Intake	08-05	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.	DESCRIPTION		
1	Premium Set	05	E-973KC	Std.-50-.75-1.00MM	1-1.20MM, 1-1.20MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION		
1	Main Set	05	7411MA	Std.-25-.50MM		
1	Rod Set	05	4-4930A	Std.-25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	08-05	224-43630	Replaces OEM 3M4Z6600-BA		
1	Screen Assy.	08-05	224-14290	Replaces OEM 6M8Z6622-AA		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	08-05	260-1979	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
5		2008 - 2005; 2.3L 138 (2261cc) DOHC L4 (16 Valve), 87.5mm Bore Duratec PZEV; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Z			5	
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
8	Exhaust	08-05	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.	
8	Intake	08-05	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.	DESCRIPTION		
1	Premium Set	05	E-973KC	Std.-50-.75-1.00MM	1-1.20MM, 1-1.20MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION		
1	Main Set	05	7411MA	Std.-25-.50MM		
1	Rod Set	05	4-4930A	Std.-25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	08-05	224-43630	Replaces OEM 3M4Z6600-BA		
1	Screen Assy.	08	224-14290	Replaces OEM 6M8Z6622-AA		
1	Screen Assy.	07-05	224-14290	Replaces OEM 6M8Z6622-AA		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	08-05	260-1979	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
6		1997 - 1991; 2.3L 140 (2302cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A			6	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.	DESCRIPTION		
1	Timing Belt	97-95	222-B276			
1	Timing Belt	94-93	222-B210			
1	Timing Belt	92	222-14	To 1/13/92; Use w/square tooth sprocket		
1	Timing Belt	92	222-B210	From 1/14/92; Use w/round tooth sprocket		
1	Timing Belt	91	222-14			
1	Timing Belt Tensioner	97-91	222-11BT			
1	Timing Belt & Tensioner Set	91	BTS-14	Use w/square tooth sprocket		
1	Crank Sprocket	92	223-447	To 1/13/92; 19 Teeth		
1	Crank Sprocket	91	223-447	19 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION		
8	Lifter	97-91	HT-2012	Std Only	Hyd. lash adj.; Std. length	
8	Lifter, Bulk	97-91	HT-2012B	Std Only	Hyd. lash adj.; Std. length; Carton of 120	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION		
8	Arm	97-95	R-1133	Std Only		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
4	Exhaust	97-95	V-4553	Std Only	1.5" Head Dia., 0.274" Stem Dia., 4.807" O.A.L.	
4	Exhaust	94-91	V-3943	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.792" O.A.L.	
4	Intake	97-95	V-4488	Std Only	Chrome plated stem; 1.735" Head Dia., 0.275" Stem Dia., 4.787" O.A.L.	
4	Intake	94-91	V-2170	Std-15	Chrome plated stem; 1.735" Head Dia., 0.3419" Stem Dia., 4.787" O.A.L.	

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6 (cont.)	1997 - 1991; 2.3L 140 (2302cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A				6 (cont.)
VALVETRAIN					
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	93-91	VG-5053	Std Only	0.344" ID, 2.17" O.A.L
8	Guide	97-95	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	97-95	VS-1647	Std Only	2.0197" Free Height
8	Spring	94-91	VS-1459	Std Only	Incl. damper; 1.98" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	94-91	ST-2003	Std Only	Sealed Power Premium design; Positive type; Installation requires valve guide machining; (RBB) Rubber
8	Valve Stem Seal	93-91	ST-2092	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber
8	Valve Stem Seal Bulk	94-91	ST-2003BC	Std Only	Sealed Power Premium design; Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	97-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
4	Seat	97-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
4	Seat	97-91	245-1812-2	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	97-95	VK-287	Std Only	3 groove; w/.2750 Stem Dia.
16	Keeper	94-91	VK-205	Std Only	4 groove
16	Keeper	94-91	VK-205R	Std Only	4 groove; Hardened
4	Spring Insert	94-91	259-102A	Std Only	.060"; Carton of 100
4	Spring Insert	94-91	259-102ARS	Std Only	.060"; Carton of 500
4	Spring Insert	94-91	259-102B	Std Only	.030"; Carton of 100
4	Spring Insert	94-91	259-102C	Std Only	.015"; Carton of 100
4	Spring Insert	94-91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	97-95	H676P	Std-20-30-40	Use w/E-927K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.335 CD, Flat Head w/2 valve reliefs, 0.9122" Pin Dia.
4	Cast Piston	94-91	H537P	Std-20-30-40-60	Use w/E-442KC or E-442X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.575 CD, Flat Head w/2 valve reliefs, 0.9122" Pin Dia.
4	Cast Piston - Individual	97-95	WH676P	Std-20-30-40	Check piston grooving before supplying ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.335 CD, Flat Head w/2 valve reliefs, 0.9122" Pin Dia.
4	Cast Piston - Individual	94-91	WH537P	Std-20-30-40-60	Use w/WE-442KC or WE-442X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.575 CD, Flat Head w/2 valve reliefs, 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	97-95	E-927K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	94-91	E-442KC	Std-50-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Premium Chrome
1	Premium Set	91	E-352K	Std-50-75-1.00MM	2-2.00MM, 1-4.76MM; Premium Moly
1	Standard Set	94-91	E-442X	Std-50-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron
1	Standard Set	91	E-352X	Std-50-75-1.00-1.50MM	2-2.00MM, 1-4.76MM; Iron
4	Premium Single Cylinder Set	94-91	WE-442KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome
4	Premium Single Cylinder Set	91	WE-352K	Std-50-75-1.00-1.50MM	2-2.00MM, 1-4.76MM; Premium Moly
4	Standard Single Cylinder Set	91	WE-352X	Std-50-75-1.00-1.50MM	2-2.00MM, 1-4.76MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	97-91	7291MA	Std-25-50-75MM	A-Series aluminum bearings
1	Rod Set	97-91	4-3545A	Std-25-50-75-1.00MM	A-Series aluminum bearings
4	Rod Pair	97-91	3545A	Std-25-50-75-1.00MM	A-Series aluminum bearings
1	Cam Set	97-91	1443M	Std Only	
1	Cam Set	97-91	1842M	Std Only	Spec. oil control brg., differs from O.E. design, 360 Degree OD groove
1	Aux. Shaft Set	97-91	1460M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	97-95	224-43616		
1	Oil Pump	94-91	224-41127		
1	Inter. Shaft	94-91	224-61160		
1	Screen Assy.	94-91	224-13160		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	97-95	260-1695		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	94-93	260-1696		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	92-91	260-1448		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	97-91	260-2510	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	94-91	381-8029		

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6 (cont.)		1997 - 1991; 2.3L 140 (2302cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A				6 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Brass Shallow Cup Freeze Plug	94-91	381-7059	2.063" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
97-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6391	----		
97-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6391M	----		
94-93	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6336	205-1336		
94-93	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6336M	205-1336M		
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6119	205-1119		
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6119M	205-1119M		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
97-95	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6109	----		
94-93	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6111	----		
92-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6110	----		
94-93	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			BKP-6111	----		
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. H537P piston			BKP-6110	----		
7		2001 - 1998; 2.5L 153 (2503cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code C				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	01-98	222-B276				
1	Timing Belt Tensioner	01-98	222-11BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	01-98	HT-2012	Std Only	Hyd. lash adj.; Std. length		
8	Lifter, Bulk	01-98	HT-2012B	Std Only	Hyd. lash adj.; Std. length; Carton of 120		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
8	Arm	01-98	R-1133	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
4	Exhaust	01-98	V-4553	Std Only	1.5" Head Dia., 0.274" Stem Dia., 4.807" O.A.L.		
4	Intake	01-98	V-4488	Std Only	Chrome plated stem; 1.735" Head Dia., 0.275" Stem Dia., 4.787" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
8	Spring	01-98	VS-1647	Std Only	2.0197" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
8	Valve Stem Seal	98	ST-2135	Std Only	Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	01-98	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
4	Cast Piston	01-98	H865CP	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .088 deep x 2.350 dia.; DUROSHIELD® skirt coated piston, 0.9126" Pin Dia.		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	01-98	E-941K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	01-98	7291MA	Std.-25-.50-.75MM	A-Series aluminum bearings		

Ford Truck (Incl. Minivans and SUV's)

7 (cont.)	2001 - 1998; 2.5L 153 (2503cc) SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code C					7 (cont.)
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	01-98	4-3545A	Std.-25-50-75-1.00MM	A-Series aluminum bearings	
4	Rod Pair	01-98	3545A	Std.-25-50-75-1.00MM	A-Series aluminum bearings	
1	Cam Set	01-98	1443M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-98	224-43616			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01-99	260-1916		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1695		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	01-98	260-2510	Std Only	Replacement recommended	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
98-98	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6856	----
98-98	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6856M	----
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
98-98	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6116	----
8	1992 - 1991; 2.9L 177 (2935cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T					8
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	92-91	KT3-60S		(1) 222-3SR60X; (1) 223-650; (1) 223-651	
1	Timing Chain	92-91	222-3SR60X		60 Links	
1	Timing Chain Tensioner	92-91	222-157CT			
1	Timing Chain Guide	92-91	222-187GP			
1	Crank Sprocket	92-91	223-651		19 Teeth	
1	Cam Sprocket	92-91	223-650		38 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	92-91	CS-814		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 196 Int., 110 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	92-91	HT-2083	Std Only	Hyd.	
12	Lifter, Bulk	92-91	HT-2083B	Std Only	Hyd.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	92-91	KC-814		Hyd.; (1) 55-403B; (1) CS-814; (12) HT-2083	
1	Cam/Lifter/Timing Kit	92-91	KCT-814		Hyd.; (1) 55-403B; (1) CS-814; (12) HT-2083; (1) KT3-60S	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	92-91	RP-3233	Std Only	5.429" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	92-91	R-1093	Std Only		
2	Rocker Shaft	92-91	RS-637	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	92-91	V-2553	Std-15	Chrome plated stem; 1.417" Head Dia., 0.3153" Stem Dia., 4.135" O.A.L.	
6	Exhaust, Bulk	92-91	V-2553B	Std-15	Chrome plated stem; Carton of 25; 1.417" Head Dia., 0.3153" Stem Dia., 4.135" O.A.L.	
6	Intake, Bulk	92-91	V-2554B	Std Only	Chrome plated stem; Carton of 25; 1.653" Head Dia., 0.316" Stem Dia., 4.134" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	92-91	VG-5016	Std Only	Loc. Int. & Exh.; 0.3175" ID, 2" O.A.L.	
12	Guide	92-91	VG-5016T	Std Only	Loc. Int. & Exh.; Threaded; 0.3175" ID, 2" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	92-91	VS-1567	Std Only	2.175" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	92-91	ST-2109	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	

Ford Truck (Incl. Minivans and SUV's)

8 (cont.)		1992 - 1991; 2.9L 177 (2935cc) OHV V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code T				8 (cont.)	
VALVETRAIN							
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Seat	92-91	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	92-91	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	92-91	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth		
6	Seat	92-91	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
12	Keeper	92-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove		
12	Keeper	92-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened		
12	Keeper	92-91	VK-204	Std Only	Loc. Exh.; 3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	92-91	520P	Std-50-.75-1.00-1.50MM	Cast; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.525 CD, Recessed Head .165 deep x 2.580 dia. - 9.0:1 C.R., 0.9447" Pin Dia.		
6	Cast Piston - Individual	92-91	W520P	Std-50-.75-1.00-1.50MM	Cast; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.525 CD, Recessed Head .165 deep x 2.580 dia. - 9.0:1 C.R., 0.9447" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	92-91	6K520P .75MM	.75-1.00MM	Cast; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.525 CD, Recessed Head .165 deep x 2.580 dia. - 9.0:1 C.R., 0.9447" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-481K	Std-50-.75-1.00-1.50MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly		
1	Standard Set	92-91	E-481X	Std-50-.75-1.00-1.50MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron		
6	Premium Single Cylinder Set	92-91	WE-481K	Std-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly		
6	Standard Single Cylinder Set	92-91	WE-481X	Std-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7245MA	Std-10-20-30	A-Series aluminum bearings; Full flange thrust brg.		
1	Main Set	92-91	7246MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.		
1	Rod Set	92-91	6-3055CP	Std-10-20-30-40			
6	Rod Pair	92-91	3055CP	Std-10-20-30			
1	Cam Set	92-91	1838M	Std Only	Incl. No. 2 & 3 spec. oil control brgs. w/360 deg. OD groove that differs from O.E. design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-43431				
1	Inter. Shaft	92-91	224-14274				
1	Screen Assy.	92-91	224-12255				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1220		Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	92-91	260-2509	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8064				
1	Steel Shallow Cup Freeze Plug	92-91	381-2083		2.016" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.			Re-ring w/Mains	205-6262M	205-1262M	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-898	205-398	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flanged thrust brg. incl.; Incl. No. 2 & 3 spec. oil control brgs. w/360 deg. OD groove that differs from O.E. design			Block Kit w/Premium Rings	BK-6117	----	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; Incl. No. 2 & 3 spec. oil control brgs. w/360 deg. OD groove that differs from O.E. design			Block Kit w/Oil Pump & Freeze Plugs	BKP-6117	----	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. No. 2 & 3 spec. oil control brgs. w/360 deg. OD groove that differs from O.E. design; Incl. A-Series aluminum bearings; Full flanged thrust brg. incl.			Master	MKP-898C	MKP-398C	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. No. 2 & 3 spec. oil control brgs. w/360 deg. OD groove that differs from O.E. design; Incl. A-Series aluminum bearings; Full flanged thrust brg. incl.			Master w/o Pistons	MK-898C	MK-398C	
92-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. No. 2 & 3 spec. oil control brgs. w/360 deg. OD groove that differs from O.E. design			Master w/o Rods & Mains	505-898C	505-398C	

Ford Truck (Incl. Minivans and SUV's)

9		1998 - 1997; 3.0L 181 (2960cc) SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; VIN Code 1, Eng. Code VG30E				9
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	98-97	222-B249		Round tooth	
1	Timing Belt Tensioner	98-97	222-124BT			
1	Timing Belt & Tensioner Set	98-97	BTS-249		Round tooth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	98-97	HT-2198	Std Only	Hyd.	
12	Lifter, Bulk	98-97	HT-2198B	Std Only	Hyd.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	98-97	R-922	Std Only		
1	Rocker Shaft	98-97	RS-648	Std Only	Loc. Exh.	
1	Rocker Shaft	98-97	RS-649	Std Only	Loc. Int.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	98-97	V-4559X	Std Only	Chrome plated stem; 1.382" Head Dia., 0.3137" Stem Dia., 4.9008" O.A.L.	
6	Intake	98-97	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	98-97	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L	
6	Guide	98-97	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	98-97	VS-1446	Std Only	Loc. Outer; 2.065" Free Height	
12	Spring	98-97	VS-876	Std Only	Loc. Inner; 1.755" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
6	Valve Stem Seal	98-97	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®	
6	Valve Stem Seal	98-97	ST-2069	Std Only	Loc. Exh.; Positive type; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	98-97	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	98-97	VK-243	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	98-97	E-558KC	Std-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome	
6	Premium Single Cylinder Set	98-97	WE-558KC	Std-.50MM	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	98-97	7099M	Std-.25-.75MM		
1	Rod Set	98-97	6-1845CP	Std-.25-.50MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	98-97	260-1698		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	98-97	381-8092			
1	Steel Block Plug Kit	98-97	381-9667			
1	Brass Deep Cup Freeze Plug	98-97	381-9012		30mm Diameter	
1	Steel Deep Cup Freeze Plug	98-97	381-3172		30mm Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
98-97	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6426	----
98-97	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6426M	----
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
98-97	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6184	----
10		1996 - 1993; 3.0L 181 (2960cc) SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; VIN Code W, Eng. Code VG30E				10
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	96-93	222-B249		Round tooth	
1	Timing Belt	93	222-104		Square tooth	
1	Timing Belt Tensioner	96-93	222-124BT			
1	Timing Belt & Tensioner Set	96-94	BTS-249		Round tooth	
1	Timing Belt & Tensioner Set	93	BTS-104		Square tooth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	96-93	HT-2198	Std Only	Hyd.	

Ford Truck (Incl. Minivans and SUV's)

10 (cont.)		1996 - 1993; 3.0L 181 (2960cc) SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; VIN Code W, Eng. Code VG30E				10 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Lifter, Bulk	96-93	HT-2198B	Std Only	Hyd.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	96-93	R-922	Std Only			
1	Rocker Shaft	96-93	RS-648	Std Only	Loc. Exh.		
1	Rocker Shaft	96-93	RS-649	Std Only	Loc. Int.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	96-93	V-4559X	Std Only	Chrome plated stem; 1.382" Head Dia., 0.3137" Stem Dia., 4.9008" O.A.L.		
6	Intake	96-93	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	96-93	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L		
6	Guide	96-93	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	96-93	VS-1446	Std Only	Loc. Outer; 2.065" Free Height		
12	Spring	96-93	VS-876	Std Only	Loc. Inner; 1.755" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	96-93	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®		
6	Valve Stem Seal	96-93	ST-2069	Std Only	Loc. Exh.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	96-93	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	96-93	VK-243	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96-93	E-558KC	Std.-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome		
6	Premium Single Cylinder Set	96-93	WE-558KC	Std.-50MM	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-93	7099M	Std.-25-.75MM			
1	Rod Set	96-93	6-1845CP	Std.-25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-93	224-43618				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-94	260-1698		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	93	260-1697		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-93	381-8092				
1	Steel Block Plug Kit	96-93	381-9667				
1	Brass Deep Cup Freeze Plug	96-93	381-9012		30mm Diameter		
1	Steel Deep Cup Freeze Plug	96-93	381-3172		30mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-94	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6426	----	
93-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6425	----	
96-94	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6426M	----	
93-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6425M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-94	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6184	----	
93-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6185	----	
95-94	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6184	----	
93-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6185	----	

Ford Truck (Incl. Minivans and SUV's)

11		2008 - 2001; 3.0L 181 (2967cc) DOHC V6 (24 Valve), 89mm Bore Duratec; MFI;				11
Gasoline; Naturally Aspirated Ford Eng.; VIN Code 1						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	08-01	HT-2271	Std Only	Hyd. lash adj.	
24	Lifter, Bulk	08-01	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	03-01	R-1141	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	04-01	V-4556	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.	
12	Intake	04-01	V-4565	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2356" Stem Dia., 4.51" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	04-01	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	04-01	ST-2131	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	08-01	VK-288	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	04-03	H881CP	Std-50-75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.	
6	Cast Piston	02-01	H881CP	Std-50-75-1.00MM	Use w/E-931K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.	
6	Pin Bushing	08-01	4399YA			
6	Pin Bushing	07-01	4399Y		Superseded - When depleted use 4399YA	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	06-01	E-931K	Std-50-75-1.00MM	Use w/H881CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-01	7262MA	Std-25-50MM	A-Series aluminum bearings	
1	Main Set	05-01	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD	
1	Rod Set	07-01	6-4395A	Std-25-50MM	A-Series aluminum bearings	
6	Rod Pair	07-01	4395A	Std-25MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	07-01	224-43658			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	04	260-1901		To 12/14/03; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03-01	260-1901		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
04-04	To 12/14/03; Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring		205-6945	----
03-01	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring		205-6945	----
04-04	To 12/14/03; Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring w/Mains		205-6945M	----
03-01	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring w/Mains		205-6945M	----
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
04-04	To 12/14/03; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6118	----
03-01	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6118	----

Ford Truck (Incl. Minivans and SUV's)

12		2010 - 2009; 3.0L 181 (2967cc) DOHC V6 (24 Valve), 89mm Bore Duratec VVT; MFI;				12	
		Gasoline; Naturally Aspirated Ford Eng.; VIN Code G					
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	10-09	HT-2271	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	10-09	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	10-09	VK-288	Std Only	Loc. Int. & Exh.		
13		2008 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline;				13	
		Naturally Aspirated Ford Eng.; VIN Code U					
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	07-01	KT3-396S		Incl. Cam, Crank, Chain		
1	3 Piece Set	00-99	KT3-396S		Incl. Cam, Crank, Chain		
1	3 Piece Set	98-91	KT3-374S		(1) 222-374; (1) 223-636; (1) 223-649		
1	Timing Chain	07-01	222-396				
1	Timing Chain	00-99	222-396				
1	Timing Chain	98-91	222-374		62 Links		
1	Crank Sprocket	98-91	223-649		19 Teeth		
1	Cam Sprocket	98-91	223-636		38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	03-01	CS-1531		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation		
1	Camshaft	00-99	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Camshaft	00-99	CS-1531		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation		
1	Camshaft	98	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Camshaft	98	CS-1531		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation		
1	Camshaft	97-95	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Camshaft	97-95	CS-1531		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation		
1	Camshaft	94	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Camshaft	94	CS-1531		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation		
1	Camshaft	93	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Camshaft	93	CS-1531		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation		
1	Camshaft	92	CS-1520		Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh., 200 Int.		
1	Camshaft	91	CS-787		Hydraulic, (050) Duration at .050 Lobe Lift, 199 Exh., 199 Int., 114 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	08-92	HT-2205	Std Only	Hyd. rlr.		
12	Lifter	91	HT-900	Std Only	Hyd.		
12	Lifter, Bulk	08-92	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
12	Lifter, Bulk	91	HT-900B	Std Only	Hyd.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	03-01	KC-1531		Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205		
1	Cam/Lifter Kit	00-99	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
1	Cam/Lifter Kit	00-99	KC-1531		Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205		
1	Cam/Lifter Kit	98	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
1	Cam/Lifter Kit	98	KC-1531		Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205		
1	Cam/Lifter Kit	97-95	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
1	Cam/Lifter Kit	97-95	KC-1531		Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205		
1	Cam/Lifter Kit	94	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
1	Cam/Lifter Kit	94	KC-1531		Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205		
1	Cam/Lifter Kit	93	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
1	Cam/Lifter Kit	93	KC-1531		Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205		
1	Cam/Lifter Kit	92	KC-1520		Hyd. rlr.; (1) 55-403B; (1) CS-1520; (12) HT-2205		
1	Cam/Lifter Kit	91	KC-787		Hyd.; (1) 55-403B; (1) CS-787; (12) HT-900		
1	Cam/Lifter/Timing Kit	91	KCT-787		Hyd.; (1) 55-403B; (1) CS-787; (12) HT-900; (1) KT3-374S		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	07-97	RP-3351	Std Only	5.297" O.A.L.		
12	Push Rod	96-92	RP-3337	Std Only	5.328" O.A.L.		
12	Push Rod	91	RP-3281	Std Only	5.96" O.A.L.		
12	Push Rod, Bulk	91	BRP-3281	Std Only	Carton of 100; 5.96" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	99	R-1007	Std Only	To 7/26/99; Incl. arm & pivot		
12	Arm Assy.	98-91	R-1007	Std Only	Incl. arm & pivot		

Ford Truck (Incl. Minivans and SUV's)

13 (cont.)	2008 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U				13 (cont.)
VALVETRAIN					
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION
12	Pivot	99	MR-1881	Std Only	To 7/26/99
12	Pivot	98-91	MR-1881	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	05-00	V-4599	Std Only	Chrome plated stem; 1.37" Head Dia., 0.2742" Stem Dia., 4.616" O.A.L.
6	Exhaust	99	V-3957	Std-15	To 7/26/99; Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.
6	Exhaust	99	V-4599	Std Only	From 7/27/99; Chrome plated stem; 1.37" Head Dia., 0.2742" Stem Dia., 4.616" O.A.L.
6	Exhaust	98-91	V-3957	Std-15	Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.
6	Intake	05-00	V-4598	Std Only	Chrome plated stem; 1.658" Head Dia., 0.2748" Stem Dia., 4.618" O.A.L.
6	Intake	99	V-2448	Std-15	To 7/26/99; Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.
6	Intake	99	V-4598	Std Only	From 7/27/99; Chrome plated stem; 1.658" Head Dia., 0.2748" Stem Dia., 4.618" O.A.L.
6	Intake	98-91	V-2448	Std-15	Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.
6	Intake, Bulk	99	V-2448B 15	15	To 7/26/99; Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.
6	Intake, Bulk	98-91	V-2448B 15	15	Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
6	Guide	98	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L
6	Guide	98	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L
6	Guide	98	VG-758 8	8	Loc. Int.; 0.276" ID, 2.31" O.A.L
6	Guide	97-91	VG-5085T	Std Only	0.315" ID, 2.2" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	99	VS-1462	Std Only	To 7/26/99; 1.84" Free Height
12	Spring	98-91	VS-1462	Std Only	1.84" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
6	Valve Stem Seal	99	ST-2044	Std Only	Loc. Int.; To 7/26/99; Positive type; (RBB) Rubber
6	Valve Stem Seal	99	ST-2090	Std Only	Loc. Exh.; To 7/26/99; Positive type; (V) Fluoroelastomer
6	Valve Stem Seal	98-97	ST-2044	Std Only	Loc. Int.; Positive type; (RBB) Rubber
6	Valve Stem Seal	98-96	ST-2090	Std Only	Loc. Exh.; Positive type; (V) Fluoroelastomer
6	Valve Stem Seal	96-91	ST-2102	Std Only	Loc. Int.; Positive type; (RBB) Rubber
6	Valve Stem Seal	96-91	ST-2103	Std Only	Loc. Exh.; Positive type; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	98-91	245-1437-3	Std Only	Loc. Exh.; 1.4425" OD, 1.188" ID, 0.216" Depth
6	Seat	98-91	245-1437-3N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.188" ID, 0.216" Depth
6	Seat	98-91	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	98-91	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	05-00	VK-287	Std Only	3 groove; w/.2750 Stem Dia.
24	Keeper	03-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	03-99	H497P	Std-50-.75-1.00MM	Use w/E-446K, E-446KC or E-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
6	Cast Piston	98-91	H497P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
6	Cast Piston	07-02	H875CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.520 CD, Domed Head .032 high x 1.966 dia.; DUROSHIELD® skirt coated piston, 0.9125" Pin Dia.
6	Cast Piston - Individual	03-99	WH497P	Std-50-.75-1.00MM	Use w/WE-446K or WE-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
6	Cast Piston - Individual	98-91	WH497P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	07-02	E-944K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	03-99	E-446K	Std-50-.75-1.00MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	03-99	E-446KC	Std-50-.75MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Chrome
1	Premium Set	98-91	E-446K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	98-91	E-446KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome
1	Standard Set	03-99	E-446X	Std-50-.75-1.00MM	Use w/H497P piston; 2-1.50MM, 1-4.00MM; Iron
1	Standard Set	98-91	E-446X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	03-99	WE-446K	Std-50-.75-1.00MM	Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Premium Moly
6	Premium Single Cylinder Set	98-91	WE-446K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
6	Standard Single Cylinder Set	03-99	WE-446X	Std-50-.75-1.00MM	Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Iron

Ford Truck (Incl. Minivans and SUV's)

13 (cont.)		2008 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U				13 (cont.)	
BLOCK							
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Standard Single Cylinder Set	98-91	WE-446X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-91	7011MA	Std-.25-.50MM	A-Series aluminum bearings		
1	Rod Set	07-91	6-1220RA	Std-.25-.50MM	A-Series aluminum bearings		
1	Rod Set	07-91	6-1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability		
1	Rod Pair	07-91	1220RA	Std-.25-.50MM	A-Series aluminum bearings		
1	Rod Pair	07-91	1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability		
1	Cam Set	07-91	1843M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	03-01	224-43636S				
1	Oil Pump	00-99	224-41101				
1	Oil Pump	00-99	224-43636S				
1	Oil Pump	98	224-41101				
1	Oil Pump	98	224-43636S				
1	Oil Pump	97-95	224-41101				
1	Oil Pump	97-95	224-43636S				
1	Oil Pump	94-91	224-43636S				
1	Inter. Shaft	95-91	224-6175				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-02	260-1997		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01	260-1996		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1691		To 07/26/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1747		To 07/26/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	00-99	260-1993		From 07/27/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1996		From 07/27/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98	260-1691		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98	260-1747		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	97-96	260-1691		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-96	260-1747		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	95	260-1627		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95	260-1628		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-92	260-1628		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1556		w/Eng. I.D. Codes IG-576BA & 577BA; w/Stamped steel valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1628		w/Eng. I.D. Codes IG-576AA, 576CA, 577AA & 577CA; w/Cast Aluminum valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	08-00	260-2538	Std Only	Replacement required; New Part Number - Check for Availability		
1	Head Bolt Set	99-98	260-2515	Std Only	To 07/13/98; Replacement recommended		
2	Head Bolt Set	99-98	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability		
1	Head Bolt Set	97-91	260-2515	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-91	381-8072				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6379	205-1379	

Ford Truck (Incl. Minivans and SUV's)

13 (cont.)	2008 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U		13 (cont.)	
KITS				
RE-RING KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6379M	205-1379M
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring	205-6418	205-1418
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring w/Mains	205-6418M	205-1418M
99-99	Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring	205-6418	205-1418
99-99	Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring w/Mains	205-6418M	205-1418M
98-98	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring	205-6418	205-1418
98-98	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring w/Mains	205-6418M	205-1418M
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring	205-6418	205-1418
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove	Re-ring w/Mains	205-6418M	205-1418M
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6379	205-1379
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6379M	205-1379M
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6260	205-1260
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6260M	205-1260M
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6424	205-1424
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6424M	205-1424M
94-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6260	205-1260
94-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6260M	205-1260M
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6212	205-1212
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6212M	205-1212M
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6260	205-1260
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6260M	205-1260M
OVERHAUL KIT				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings	BK-6124	----
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings	BK-6124	----
97-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings	BK-6124	----
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings	BK-6123	----
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings	BK-6121	----

Ford Truck (Incl. Minivans and SUV's)

13 (cont.)	2008 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U	13 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6122	----
94-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6121	----
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6120	----
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6121	----
99-99	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6124	----
98-98	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6124	----
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6124	----
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6123	----
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6121	----
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6122	----
94-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6121	----
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6120	----
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6121	----
98-98	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. Oil pump screen	Master MKP-6323A	MKP-1323A
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. Oil pump screen	Master MKP-6323A	MKP-1323A
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6379A	MKP-1379A
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6337A	MKP-1337A
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master MKP-6338C	MKP-1338C
94-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master MKP-6338C	MKP-1338C
94-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master MKP-6338D	MKP-1338D
93-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master MKP-6338C	MKP-1338C
93-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master MKP-6338D	MKP-1338D
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master MKP-6338D	MKP-1338D
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Oil pump not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6212A	MKP-1212A
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Oil pump not incl.	Master MKP-6213A	MKP-1213A
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-7033	MKP-2033
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-7034	MKP-2034
98-98	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. Oil pump screen	Master w/o Pistons MK-6323A	MK-1323A

Ford Truck (Incl. Minivans and SUV's)

13 (cont.)	2008 - 1991; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U	13 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
97-96	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. Oil pump screen	Master w/o Pistons MK-6323A	MK-1323A
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6379A	MK-1379A
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6337A	MK-1337A
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Pistons MK-6338C	MK-1338C
94-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Pistons MK-6338C	MK-1338C
94-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Pistons MK-6338D	MK-1338D
93-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Pistons MK-6338C	MK-1338C
93-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Pistons MK-6338D	MK-1338D
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Pistons MK-6338D	MK-1338D
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Oil pump not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6212A	MK-1212A
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Oil pump not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6213A	MK-1213A
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7033	MK-2033
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-7034	MK-2034
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6323A	505-1323A
97-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6323A	505-1323A
96-96	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6379A	505-1379A
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6337A	505-1337A
95-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6338C	505-1338C
94-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6338C	505-1338C
94-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6338D	505-1338D
93-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6338C	505-1338C
93-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6338D	505-1338D
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. oil pump screen	Master w/o Rods & Mains 505-6338D	505-1338D
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Oil pump not incl.	Master w/o Rods & Mains 505-6212A	505-1212A
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Oil pump not incl.	Master w/o Rods & Mains 505-6213A	505-1213A
91-91	w/IG-576BA & 577BA Eng.s.; w/Stamped steel valve covers; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7033	505-2033
91-91	w/IG-576AA, 576CA, 577AA & 577CA Eng.s.; w/Plastic valve covers; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-7034	505-2034

Ford Truck (Incl. Minivans and SUV's)

14		2008 - 1999; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code V			14
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	03-99	CS-1531	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 200 Exh., 181 Int., 117 Degrees Lobe Separation	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
12	Lifter	05-99	HT-2205	Std Only Hyd. rlr.	
12	Lifter, Bulk	05-99	HT-2205B	Std Only Hyd. rlr.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	03-99	KC-1531	Hyd. rlr.; (1) 55-403B; (1) CS-1531; (12) HT-2205	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	07-99	RP-3351	Std Only 5.297" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	99	R-1007	Std Only To 7/26/99; Incl. arm & pivot	
12	Pivot	99	MR-1881	Std Only To 7/26/99	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	05-00	V-4599	Std Only Chrome plated stem; 1.37" Head Dia., 0.2742" Stem Dia., 4.616" O.A.L.	
6	Exhaust	99	V-3957	Std-15 To 7/26/99; Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.	
6	Exhaust	99	V-4599	Std Only From 7/27/99; Chrome plated stem; 1.37" Head Dia., 0.2742" Stem Dia., 4.616" O.A.L.	
6	Intake	05-00	V-4598	Std Only Chrome plated stem; 1.658" Head Dia., 0.2748" Stem Dia., 4.618" O.A.L.	
6	Intake	99	V-2448	Std-15 To 7/26/99; Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.	
6	Intake	99	V-4598	Std Only From 7/27/99; Chrome plated stem; 1.658" Head Dia., 0.2748" Stem Dia., 4.618" O.A.L.	
6	Intake, Bulk	99	V-2448B 15	15 To 7/26/99; Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
12	Spring	99	VS-1462	Std Only To 7/26/99; 1.84" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
6	Valve Stem Seal	99	ST-2044	Std Only Loc. Int.; To 7/26/99; Positive type; (RBB) Rubber	
6	Valve Stem Seal	99	ST-2090	Std Only Loc. Exh.; To 7/26/99; Positive type; (V) Fluoroelastomer	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
24	Keeper	05-00	VK-287	Std Only 3 groove; w/.2750 Stem Dia.	
24	Keeper	03-99	VK-204	Std Only 3 groove; w/.3125 Stem Dia.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
6	Cast Piston	07-02	H875CP	Std-50-.75-1.00MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.520 CD, Domed Head .032 high x 1.966 dia.; DUROSHIELD® skirt coated piston, 0.9125" Pin Dia.	
6	Cast Piston	03-99	H497P	Std-50-.75-1.00MM Use w/E-446K, E-446KC or E-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.	
6	Cast Piston - Individual	03-99	WH497P	Std-50-.75-1.00MM Use w/WE-446K or WE-446X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	07-99	E-944K	Std-50-.75-1.00MM 2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	03-99	E-446K	Std-50-.75-1.00MM Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	03-99	E-446KC	Std-50-.75MM Use w/H497P piston; 2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	03-99	E-446X	Std-50-.75-1.00MM Use w/H497P piston; 2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	03-99	WE-446K	Std-50-.75-1.00MM Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Premium Moly	
6	Standard Single Cylinder Set	03-99	WE-446X	Std-50-.75-1.00MM Use w/WH497P piston; 2-1.50MM, 1-4.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	07-99	7011MA	Std-25-.50MM A-Series aluminum bearings	
1	Rod Set	07-99	6-1220RA	Std-25-.50MM A-Series aluminum bearings	
1	Rod Set	07-99	6-1220RA 25X2	25X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability	
1	Rod Pair	07-99	1220RA	Std-25-.50MM A-Series aluminum bearings	
1	Rod Pair	07-99	1220RA 25X2	25X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability	
1	Cam Set	07-99	1843M	Std Only Full round design	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	03-99	224-43636S		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	08-02	260-1997	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

Ford Truck (Incl. Minivans and SUV's)

14 (cont.)	2008 - 1999; 3.0L 183 (2982cc) OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code V					14 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01	260-1996		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1747		To 07/26/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	00-99	260-1996		From 07/27/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	08-00	260-2538	Std Only	Replacement required; New Part Number - Check for Availability		
1	Head Bolt Set	99	260-2515	Std Only	To 07/13/98; Replacement recommended		
2	Head Bolt Set	99	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove				Re-ring	205-6418	205-1418
00-00	To 07/26/99; Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove				Re-ring w/Mains	205-6418M	205-1418M
99-99	Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove				Re-ring	205-6418	205-1418
99-99	Head bolts not incl.; Use w/H497P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove				Re-ring w/Mains	205-6418M	205-1418M
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Block Kit w/Premium Rings	BK-6124	----
99-99	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.				Block Kit w/Oil Pump & Freeze Plugs	BKP-6124	----
15	2002 - 1999; 3.3L 199.8 (3274cc) SOHC V6 (12 Valve), 91.5mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; VIN Code T, Eng. Code VG33E					15	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	02-99	222-B249		Round tooth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	02-99	HT-2198	Std Only	Hyd.		
12	Lifter, Bulk	02-99	HT-2198B	Std Only	Hyd.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	02-99	R-922	Std Only			
1	Rocker Shaft	02-99	RS-648	Std Only	Loc. Exh.		
1	Rocker Shaft	02-99	RS-649	Std Only	Loc. Int.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	02-99	V-2330	Std Only	Nitrided stem; 1.382" Head Dia., 0.3138" Stem Dia., 4.901" O.A.L.		
6	Intake	02-99	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	02-99	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L		
6	Guide	02-99	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	02-99	VS-1446	Std Only	Loc. Outer; 2.065" Free Height		
12	Spring	02-99	VS-876	Std Only	Loc. Inner; 1.755" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
12	Keeper	02-99	VK-243	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	02-99	H1113CT	Std.-50-.75MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.251 CD, Recessed Head; 060 deep x 2.083 dia.; DUROSHIELD® skirt coated piston, 20.985mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-99	E-953KC	Std.-50-.75-1.00MM	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-99	7099M	Std.-25-.50-.75MM			
1	Rod Set	00-99	6-4605P	Std Only			

Ford Truck (Incl. Minivans and SUV's)

15 (cont.)		2002 - 1999; 3.3L 199.8 (3274cc) SOHC V6 (12 Valve), 91.5mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; VIN Code T, Eng. Code VG33E				15 (cont.)	
BLOCK							
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	02-99	381-8092				
1	Steel Block Plug Kit	02-99	381-9667				
1	Brass Deep Cup Freeze Plug	02-99	381-9012	30mm Diameter			
1	Steel Deep Cup Freeze Plug	02-99	381-3172	30mm Diameter			
16		2009 - 2007; 3.5L 213.3 (3496cc) DOHC V6 (24 Valve), 92.5mm Bore Duratec Cyclone; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code C				16	
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
6	Pin Bushing	09-07	5034Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	09-07	7445MA	Std-25MM			
1	Rod Set	09-07	6-5030P	Std-25MM			
17		2009 - 2008; 3.5L 213.3 (3496cc) DOHC V6 (24 Valve), 92.5mm Bore Duratec Cyclone; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				17	
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
6	Pin Bushing	09-08	5034Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	09-08	7445MA	Std-25MM			
1	Rod Set	09-08	6-5030P	Std-25MM			
18		2003 - 1995; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				18	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	03-95	KT3-365SA1	(1) 222-376; (1) 223-539; (1) 223-700			
1	Timing Chain	03-95	222-376	60 Links			
1	Timing Chain Tensioner	03-95	222-323CT				
1	Crank Sprocket	03-95	223-539	21 Teeth			
1	Cam Sprocket	03-95	223-700	42 Teeth			
1	Bal. Shaft Sprocket	98-95	223-2769	Drive gear			
1	Bal. Shaft Sprocket	98-95	223-2770	Driven gear			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	96-95	CS-860	Hydraulic, (050) Duration at .050 Lobe Lift, 201 Exh., 184 Int., 110 Degrees Lobe Separation			
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.			
1	Prelube		55-403	Std Only 1.5 oz. packet			
12	Lifter	03-95	HT-2205	Std Only Hyd. rlr.			
12	Lifter, Bulk	03-95	HT-2205B	Std Only Hyd. rlr.; Carton of 122			
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION			
1	Cam/Lifter Kit	96-95	KC-860	Hyd. rlr.; (1) 55-403B; (1) CS-860; (12) HT-2205			
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
12	Push Rod	03-95	RP-3284	Std Only 7.136" O.A.L.			
12	Push Rod, Bulk	03-95	BRP-3284	Std Only Carton of 100; 7.136" O.A.L.			
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
12	Arm Assy.	03-95	R-1008	Std Only Incl. arm & pivot			
12	Arm Assy., Bulk	03-95	R-1008B	Std Only Incl. arm & pivot; Carton of 64			
12	Arm	03-95	R-1008W	Std Only			
12	Pivot	03-95	MR-1842	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
6	Exhaust	03-96	V-4522	Std Only Chrome plated stem; 1.461" Head Dia., 0.274" Stem Dia., 4.845" O.A.L.			
6	Exhaust	95	V-2231	Std-15 1.46" Head Dia., 0.3414" Stem Dia., 4.845" O.A.L.			
6	Intake	03-96	V-4564	Std Only Chrome plated stem; 1.861" Head Dia., 0.275" Stem Dia., 4.84" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
6	Guide	03-96	VG-1391T	Std Only Loc. Exh.; Threaded; 0.2765" ID, 2.2" O.A.L			
6	Guide	03-96	VG-1392T	Std Only Loc. Int.; Threaded; 0.2765" ID, 2.05" O.A.L			
12	Guide	95	VG-5005	Std Only Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L			
12	Guide	95	VG-5005H	Std Only Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L			
12	Guide	95	VG-5005T	Std Only Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L			
12	Guide, Bulk	95	VG-5005B	Std Only Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L			
12	Guide, Bulk	95	VG-5005TB	Std Only Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L			
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
12	Spring	03-96	VS-1648	Std Only Conical design; 1.9961" Free Height			
12	Spring	95	VS-1568	Std Only Incl. damper; 2.02" Free Height			

Ford Truck (Incl. Minivans and SUV's)

18 (cont.)	2003 - 1995; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				18 (cont.)
VALVETRAIN					
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	98-96	ST-2135	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
12	Seat	03-97	245-1875-50	Std Only	Loc. Int. & Exh.; 1.882" OD, 1.64" ID, 0.28" Depth
6	Seat	96-95	245-1625-54	Std Only	Loc. Exh.; 1.632" OD, 1.329" ID, 0.28" Depth
6	Seat	96-95	245-1875-50	Std Only	Loc. Int.; 1.882" OD, 1.64" ID, 0.28" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	03-96	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.
24	Keeper	95	VK-205	Std Only	Loc. Int. & Exh.; 4 groove
24	Keeper	95	VK-205R	Std Only	Loc. Int. & Exh.; 4 groove; Hardened
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	03-96	H820CP	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.440 CD, Recessed Head .100 deep x 2.110 dia.; DUROSHIELD® skirt coated piston, 0.9056" Pin Dia.
6	Cast Piston	95	H523CP	Std.-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.607 CD, Recessed Head .150 deep x 1.850 dia. - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 23.17mm Pin Dia.
6	Cast Piston - Individual	03-96	WH820CP	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.440 CD, Recessed Head .100 deep x 2.110 dia.; DUROSHIELD® skirt coated piston, 0.9056" Pin Dia.
6	Cast Piston - Individual	95	WH523CP	Std.-50-.75-1.00-1.50MM	Use w/WE-471K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.607 CD, Recessed Head .150 deep x 1.850 dia. - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	03-96	6KH820CP .50MM	.50-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.440 CD, Recessed Head .100 deep x 2.110 dia.; DUROSHIELD® skirt coated piston, 23.002mm Pin Dia.
1	Cast Piston Set w/Prem. Rings	95	6KH523CP .50MM	.50-1.00MM	Cast; 1 -, 1.50mm Groove, 2 - 4.00mm Groove, 1.607 CD, Recessed Head .150 deep x 1.850 dia. - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 23.17mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	03-96	E-911K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	95	E-471K	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	95	E-471X	Std.-50-1.00MM	2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	03-96	WE-911K	Std.-50-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	95	WE-471K	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	03-95	7295MA	Std.-026-.25-.50-.75-1.00 MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings
1	Main Set	03-95	7368M .50MM	.50MM	.50MM O/S length flange brg.
1	Rod Set	03-96	6-4500AA	Std.-25-.50-.75MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings
1	Rod Set	03-96	6-4500AA 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	95	6-3830CPA	Std.-25-.50-.75-1.00MM	Regrinding crank more than .50mm not recommended
1	Rod Set	95	6-3830CPA 25X2	25X2-50X2-75X2	Use in .002" O/S Rod Bore
6	Rod Pair	03-96	4500AA	Std.-026-.25-.50-.75MM	A-Series aluminum bearings
6	Rod Pair	95	3830A .026MM	.026MM	A-Series aluminum bearings
6	Rod Pair	95	3830CPA	Std.-25-.50-.75-1.00MM	Regrinding crank more than .50mm not recommended
1	Cam Set	03-95	1886M	Std Only	
1	Bal. Shaft Set	03-95	1807M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	02-96	224-43575		
1	Oil Pump	95	224-43567		
1	Pump Repair Kit	95	224-51380		Services "short" style pump
1	Inter. Shaft	99-95	224-6176		
1	Screen Assy.	95	224-15052		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	03-01	260-1908		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	00-99	260-1907		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	98	260-1905		To 01/14/98; 3mm thick int. manifold gskts.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	98	260-1906		From 01/15/98; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.

Ford Truck (Incl. Minivans and SUV's)

18 (cont.)		2003 - 1995; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				18 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	98	260-1906		To 01/14/98; 4mm thick int. manifold gskts.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	97	260-1905		3mm thick int. manifold gskts.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	97	260-1906		4mm thick int. manifold gskts.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	96	260-1739		3mm thick int. manifold gskts.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	96	260-1904		4mm thick int. manifold gskts.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	95	260-1694		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
2	Head Bolt Set	03-98	260-2540	Std Only	Replacement required; New Part Number - Check for Availability		
2	Head Bolt Set	97-96	260-2527	Std Only	Replacement required		
2	Head Bolt Set	95	260-2519	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	99-95	381-8053				
1	Steel Block Plug Kit	99-95	381-9654				
1	Steel Shallow Cup Freeze Plug	99-95	381-2157		2.250" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
03-01	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6949	----	
00-00	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6948	----	
99-99	From 1/99; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6948	----	
98-98	To 1/14/98; w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6946	----	
98-98	From 1/15/98 to 12/31/98; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6947	----	
98-98	To 1/14/98; w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6947	----	
97-97	w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6946	----	
97-97	w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring	205-6947	----	
96-96	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; w/3MM thick int. manifold gskts.			Re-ring	205-6503	----	
03-01	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6949M	----	
00-00	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6948M	----	
99-99	From 1/99; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6948M	----	
98-98	To 1/14/98; w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6946M	----	
98-98	From 1/15/98 to 12/31/98; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6947M	----	
98-98	To 1/14/98; w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6947M	----	
97-97	w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6946M	----	
97-97	w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6947M	----	

Ford Truck (Incl. Minivans and SUV's)

18 (cont.)	2003 - 1995; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4	18 (cont.)	
KITS			
RE-RING KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
96-96	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; w/3MM thick int. manifold gskts.	Re-ring w/Mains 205-6503M	----
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6502	205-1502
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6502M	205-1502M
OVERHAUL KIT			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
96-96	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; 3mm thick int. manifold gskts.	Master MKP-6503	----
96-96	Head bolts not incl.; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; 3MM thick int. manifold gskts.; Incl. A-Series aluminum bearings	Master MKP-7036	----
96-96	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; w/3MM thick int. manifold gskts.	Master w/o Pistons MK-6503	----
96-96	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; w/3MM thick int. manifold gskts.	Master w/o Rods & Mains 505-6503	----
03-01	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6127	----
00-00	Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6133	----
99-99	From 1/99; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6133	----
98-98	To 1/14/98; w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6131	----
98-98	From 1/15/98 to 12/31/98; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6132	----
98-98	To 1/14/98; w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6132	----
97-97	w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6131	----
97-97	w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6132	----
96-96	w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6129	----
96-96	Head bolts not incl.; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; w/3MM thick int. manifold gskts.	Block Kit w/Premium Rings BK-6130	----
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings BK-6128	----
99-99	From 1/99; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6133	----
98-98	To 1/14/98; w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6131	----
98-98	From 1/15/98 to 12/31/98; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6132	----
98-98	To 1/14/98; w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6132	----
97-97	w/3mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6131	----
97-97	w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6132	----
96-96	w/4mm thick Intake Manifold Gskts.; Head bolts not incl.; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings	Block Kit w/Oil Pump & Freeze Plugs BKP-6129	----
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6128	----

Ford Truck (Incl. Minivans and SUV's)

18 (cont.)		2003 - 1995; 3.8L 232 (3797cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 4				18 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Master		MKP-6502	MKP-1502	
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Master		MKP-7037	MKP-2037	
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. oil pump repair kit for "short" style pump; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Master w/o Pistons		MK-6502	MK-1502	
95-95	Head bolts not incl.; Replacement recommended; Regrinding crank more than .50mm not recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Master w/o Pistons		MK-7037	MK-2037	
95-95	Head bolts not incl.; Replacement recommended; Incl. oil pump repair kit for "short" style pump; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Master w/o Rods & Mains		505-6502	505-1502	
95-95	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Master w/o Rods & Mains		505-7037	505-2037	
19		2007 - 2004; 3.9L 238 (3887cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				19	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	07-04	CS-860		Hydraulic, (050) Duration at .050 Lobe Lift, 201 Exh., 184 Int., 110 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	07-04	HT-2205	Std Only	Hyd. rlr.		
12	Lifter, Bulk	07-04	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	07-04	KC-860		Hyd. rlr.; (1) 55-403B; (1) CS-860; (12) HT-2205		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	06-05	RP-3284	Std Only	7.136" O.A.L.		
12	Push Rod, Bulk	06-05	BRP-3284	Std Only	Carton of 100; 7.136" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	06-05	R-1008	Std Only	Incl. arm & pivot		
12	Arm Assy., Bulk	06-05	R-1008B	Std Only	Incl. arm & pivot; Carton of 64		
12	Arm	06-05	R-1008W	Std Only			
12	Pivot	06-05	MR-1842	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	06-05	V-4522	Std Only	Chrome plated stem; 1.461" Head Dia., 0.274" Stem Dia., 4.845" O.A.L.		
6	Intake	06-05	V-4564	Std Only	Chrome plated stem; 1.861" Head Dia., 0.275" Stem Dia., 4.84" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	06-05	VG-1392T	Std Only	Loc. Int. & Exh.; Threaded; 0.2765" ID, 2.05" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	07-04	VS-1648	Std Only	Loc. Int. & Exh.; Conical design; 1.9961" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	06-05	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	05-04	H898CP	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.395 CD, Recessed Head .100 deep x 2.200 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-04	7295MA	Std.-026-.25-.50-.75-1.00 MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings		
1	Rod Set	07-04	6-4500AA	Std.-25-.50-.75MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings		
1	Rod Set	07-04	6-4500AA 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
6	Rod Pair	07-04	4500AA	Std.-026-.25-.50-.75MM	A-Series aluminum bearings		
1	Cam Set	07-04	1886M	Std Only			
1	Bal. Shaft Set	07-04	1807M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		

Ford Truck (Incl. Minivans and SUV's)

19 (cont.)	2007 - 2004; 3.9L 238 (3887cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				19 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	07-05	260-1989	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1988	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
2	Head Bolt Set	07-04	260-2540	Std Only	Replacement required; New Part Number - Check for Availability
20	2001 - 1991; 4.0L 244 (4015cc) OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X				20
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	01-95	KT3-3SR64SA	(1) 222-3SR64X; (1) 223-650; (1) 223-821	
1	3 Piece Set	94-91	KT3-64S	(1) 222-3SR64X; (1) 223-650; (1) 223-651	
1	Complete Set	01-95	KT-4028S	Incl. Cam, Crank, Chain, Tensioner, Guide	
1	Complete Set	94-91	KT-4027S	Incl. Cam, Crank, Chain, Tensioner, Guide	
1	Timing Chain	01-91	222-3SR64X	64 Links	
1	Timing Chain Tensioner	01-95	222-1345CT		
1	Timing Chain Tensioner	94-91	222-157CT		
1	Crank Sprocket	01-95	223-821	19 Teeth	
1	Crank Sprocket	94-91	223-651	19 Teeth	
1	Cam Sprocket	01-91	223-650	38 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	01-98	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	01-98	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	97	CS-1510	w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	97	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	97	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	96	CS-1510	w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	96	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	96	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	95	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	95	CS-1510	w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	95	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	94	CS-1510	w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	94	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	94	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	93	CS-1510	w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	93	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	93	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	92-91	CS-1510	w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	01-91	HT-2244	Std Only	Hyd. rlr.
12	Lifter, Bulk	01-91	HT-2244B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95	KC-1510	w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	94	KC-1510	w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	94	KC-1510	w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	93	KC-1510	w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	93	KC-1510	w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	92-91	KC-1510	w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	

Ford Truck (Incl. Minivans and SUV's)

20 (cont.)		2001 - 1991; 4.0L 244 (4015cc) OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X			20 (cont.)	
VALVETRAIN						
QTY	CAM KIT (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	01-98	KC-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	97	KC-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	97	KC-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	96	KC-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	96	KC-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter Kit	95	KC-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter/Timing Kit	94	KCT-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S	
1	Cam/Lifter/Timing Kit	94	KCT-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S	
1	Cam/Lifter/Timing Kit	93	KCT-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S	
1	Cam/Lifter/Timing Kit	93	KCT-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S	
1	Cam/Lifter/Timing Kit	92-91	KCT-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	01-91	RP-3332	Std-30-60	5.48" O.A.L.	
12	Push Rod, Bulk	01-91	BRP-3332	Std-60	Carton of 100; 5.48" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	01-91	R-1092	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	01-91	V-3918	Std-15	Chrome plated stem; 1.36" Head Dia., 0.3152" Stem Dia., 4.098" O.A.L.	
6	Exhaust, Bulk	01-91	V-3918B	Std Only	Chrome plated stem; Carton of 25; 1.36" Head Dia., 0.3152" Stem Dia., 4.098" O.A.L.	
6	Intake	01-91	V-2606	Std-15	Chrome plated stem; Hardened seat; 1.71" Head Dia., 0.3163" Stem Dia., 4.092" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	01-98	VG-1413T	Std Only	Threaded; 0.276" ID, 1.74" O.A.L	
12	Guide	97-91	VG-5016	Std Only	0.3175" ID, 2" O.A.L	
12	Guide	97-91	VG-5016T	Std Only	Threaded; 0.3175" ID, 2" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	01-91	VS-1630	Std Only	Loc. Int. & Exh.; 2.095" Free Height	
12	Spring, Bulk	01-91	VS-1630B	Std Only	Loc. Int. & Exh.; Carton of 250; 2.095" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	01-91	ST-2109	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	01-91	245-1437-2	Std Only	Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth	
6	Seat	01-91	245-1437-2N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth	
6	Seat	01-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth	
6	Seat	01-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
12	Keeper	01-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove	
12	Keeper	01-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened	
12	Keeper	01-91	VK-204	Std Only	Loc. Exh.; 3 groove; w/.3125 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	01-98	H879CP	Std-50-.75-1.00MM	Use w/E-613K or E-613X ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.420 CD, Recessed Head .270 deep x 3.100 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.	
6	Cast Piston	97-95	H667P	Std-50-.75-1.00MM	Use w/E-613K or E-613X ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.452 CD, Recessed Head .330 deep x 3.160 dia., 0.9447" Pin Dia.	
6	Cast Piston	94-91	H570P	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.	
6	Cast Piston - Individual	97-95	WH667P	Std-50-.75-1.00MM	Use w/E-613K ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.452 CD, Recessed Head .330 deep x 3.160 dia., 0.9447" Pin Dia.	
6	Cast Piston - Individual	94-91	WH570P	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	94-91	6KH570P .50MM	.50-.75-1.00MM	Cast; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-91	E-613K	Std-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
1	Standard Set	01-91	E-613X	Std-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron	
6	Premium Single Cylinder Set	01-91	WE-613K	Std-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-91	7245MA	Std-10-20-30	A-Series aluminum bearings; Full flange thrust brg.	
1	Main Set	01-91	7246MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.	

Ford Truck (Incl. Minivans and SUV's)

20 (cont.)	2001 - 1991; 4.0L 244 (4015cc) OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X				20 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Rod Set	01-91	6-3055CP	Std-10-20-30-40	
6	Rod Pair	01-91	3055CP	Std-10-20-30	
1	Cam Set	01-91	1844M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	00-91	224-43431		
1	Inter. Shaft	00-91	224-14275		
1	Screen Assy.	00-91	224-15067		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	01-97	260-3030	Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96	260-1699	Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1699	Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1653	Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93-91	260-1652	Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	01-91	260-2509	Std Only	Replacement recommended
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
96-96	Head bolts not incl.; Replacement recommended; Upper int. manifold gskt. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6341	205-1341
96-96	Head bolts not incl.; Replacement recommended; Upper int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6341M	205-1341M
95-95	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6341	205-1341
95-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6341M	205-1341M
94-94	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6317	205-1317
94-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6317M	205-1317M
93-91	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6318	205-1318
93-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6318M	205-1318M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
96-96	Head bolts not incl.; Replacement recommended; Upper int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6141	----
95-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6141	----
94-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6140	----
93-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6139	----
94-94	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.		Master	MKP-6261A	MKP-1261A
94-94	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.		Master	MKP-6261A	MKP-1261A
93-93	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.		Master	MKP-6264A	MKP-1264A

Ford Truck (Incl. Minivans and SUV's)

20 (cont.)	2001 - 1991; 4.0L 244 (4015cc) OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X	20 (cont.)
KITS		
OVERHAUL KIT (cont.)		
YEARS	DESCRIPTION	PREMIUM KIT NO.
93-93	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master MKP-6264A
92-91	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master MKP-6264A
94-94	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master w/o Pistons MK-6261A
94-94	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master w/o Pistons MK-6261A
93-93	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master w/o Pistons MK-6264A
93-93	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master w/o Pistons MK-6264A
92-91	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.	Master w/o Pistons MK-6264A
94-94	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6261A
94-94	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6261A
93-93	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6264A
93-93	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6264A
92-91	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6264A
		STANDARD KIT NO.
		MKP-1264A
		MKP-1264A
		MK-1261A
		MK-1261A
		MK-1264A
		MK-1264A
		505-1261A
		505-1261A
		505-1264A
		505-1264A

21	2010 - 1997; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E	21		
VALVETRAIN				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
1	Camshaft	03	CS-1510	Exc. Calif.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation
1	Camshaft	03	CS-1536	Calif.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only 1.5 oz. packet
12	Lifter	10-97	HT-2271	Std Only Hyd. lash adj.
12	Lifter, Bulk	10-97	HT-2271B	Std Only Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
6	Exhaust	06-97	V-4586	Std Only 1.535" Head Dia., 0.2739" Stem Dia., 4.524" O.A.L.
6	Intake	06-97	V-4585	Std Only 1.811" Head Dia., 0.2745" Stem Dia., 4.524" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
12	Guide	10-97	VG-1413T	Std Only Threaded; 0.276" ID, 1.74" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION
12	Spring	04-97	VS-1643	Std Only Loc. Int. & Exh.; 1.694" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
12	Valve Stem Seal	06-03	MV-1796C	Std Only Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber
12	Valve Stem Seal Bulk	06-03	MV-1796	Std Only Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
6	Seat	00-97	245-1437-2	Std Only Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth
6	Seat	00-97	245-1437-2N	Std Only Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth
6	Seat	00-97	245-1812-4	Std Only Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
6	Seat	00-97	245-1812-4N	Std Only Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
BLOCK				
QTY	PISTON	YEARS	PART NO.	DESCRIPTION
6	Cast Piston	06-02	H1123CP	Std.-50-75-1.00MM Hypereutectic; 1 - 1.20 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.433 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.

Ford Truck (Incl. Minivans and SUV's)

21 (cont.)	2010 - 1997; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E					21 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	01-97	H843CP	Std-50-75-1.00MM	Use w/E-613K or E-613X ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.435 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.	
6	Cast Piston - Individual	03-97	WH843CP	Std-50-75-1.00MM	Use w/WE-613K or WE-613X ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.435 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-97	E-613K	Std-50-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
1	Standard Set	04-97	E-613X	Std-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron	
6	Premium Single Cylinder Set	04-97	WE-613K	Std-50-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-97	7245MA	Std-10-20-30	A-Series aluminum bearings; Full flange thrust brg.	
1	Main Set	04-97	7246MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.	
1	Rod Set	04-97	6-3055CP	Std-10-20-30-40		
6	Rod Pair	04-97	3055CP	Std-10-20-30		
1	Bal. Shaft Set	05-97	1892M	Std Only	For shafts in crankcase; Front drive bushing not incl.	
1	Aux. Shaft Set	07	1881M	Std Only		
1	Aux. Shaft Set	05-97	1881M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-97	224-43431			
1	Inter. Shaft	02-97	224-14275			
1	Screen Assy.	01	224-15063			
1	Screen Assy.	00-97	224-15063			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	03-02	260-1898		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1890		To 07/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1891		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1898		From 07/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1898		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1890		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1890		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1890		To 07/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1898		From 07/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	99-97	260-1890		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
01-01	To 7/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6950	205-1950
01-01	To 7/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.			Re-ring w/Mains	205-6950M	205-1950M
01-01	From 7/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6951	205-1951
01-01	From 7/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.			Re-ring w/Mains	205-6951M	205-1951M
01-01	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6952	205-1952
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6952	205-1952
01-01	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.			Re-ring w/Mains	205-6952M	205-1952M
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.			Re-ring w/Mains	205-6952M	205-1952M
00-00	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6952	205-1952
00-00	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.			Re-ring w/Mains	205-6952M	205-1952M

Ford Truck (Incl. Minivans and SUV's)

21 (cont.)		2010 - 1997; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E				21 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
00-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring			205-6950	205-1950	
00-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.	Re-ring w/Mains			205-6950M	205-1950M	
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring			205-6952	205-1952	
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.	Re-ring w/Mains			205-6952M	205-1952M	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.	Block Kit w/Premium Rings			BK-6144	----	
01-01	To 7/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.	Block Kit w/Premium Rings			BK-6142	----	
01-01	From 7/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.	Block Kit w/Premium Rings			BK-6143	----	
00-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.	Block Kit w/Premium Rings			BK-6142	----	
22		2010 - 2000; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code K				22	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	03	CS-1510		Exc. Calif.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation		
1	Camshaft	03	CS-1536		Calif.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	10-00	HT-2271	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	10-00	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	04-00	V-4586	Std Only	1.535" Head Dia., 0.2739" Stem Dia., 4.524" O.A.L.		
6	Intake	04-00	V-4585	Std Only	1.811" Head Dia., 0.2745" Stem Dia., 4.524" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	04-00	VG-1413T	Std Only	Threaded; 0.276" ID, 1.74" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	04-00	VS-1643	Std Only	Loc. Int. & Exh.; 1.694" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	06-03	MV-1796C	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber		
12	Valve Stem Seal Bulk	06-03	MV-1796	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	00	245-1437-2	Std Only	Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth		
6	Seat	00	245-1437-2N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth		
6	Seat	00	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	00	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	06-02	H1123CP	Std.-50-.75-1.00MM	Hypereutectic; 1 - 1.20 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.433 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.		
6	Cast Piston	04-00	H843CP	Std.-50-.75-1.00MM	Use w/E-613K or E-613X ring set; Hypereutectic; 1 - 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.435 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.		
6	Cast Piston - Individual	04-00	WH843CP	Std.-50-.75-1.00MM	Use w/WE-613K or WE-613X ring set; Hypereutectic; 1 - 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.435 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9447" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	01-00	E-613K	Std.-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly		

Ford Truck (Incl. Minivans and SUV's)

22 (cont.)	2010 - 2000; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code K					22 (cont.)
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Standard Set	04-00	E-613X	Std.-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron	
6	Premium Single Cylinder Set	04-00	WE-613K	Std.-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-00	7245MA	Std-10-20-30	A-Series aluminum bearings; Full flange thrust brg.	
1	Main Set	04-00	7246MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.	
1	Rod Set	07-00	6-3055CP	Std-10-20-30-40		
6	Rod Pair	07-00	3055CP	Std-10-20-30		
1	Bal. Shaft Set	07-00	1892M	Std Only	For shafts in crankcase; Front drive bushing not incl.	
6	Aux. Shaft Set	07-05	1881M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-00	224-43431			
1	Inter. Shaft	02-00	224-14275			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	03-02	260-1898		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1890		To 07/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1891		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1898		From 07/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1890		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1890		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1890		To 07/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-1898		From 07/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring		205-6952	205-1952
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.		Re-ring w/Mains		205-6952M	205-1952M
01-01	To 7/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring		205-6950	205-1950
01-01	To 7/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.		Re-ring w/Mains		205-6950M	205-1950M
01-01	From 7/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring		205-6951	205-1951
01-01	From 7/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.		Re-ring w/Mains		205-6951M	205-1951M
01-01	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings		Re-ring		205-6952	205-1952
01-01	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.		Re-ring w/Mains		205-6952M	205-1952M
00-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring		205-6950	205-1950
00-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.		Re-ring w/Mains		205-6950M	205-1950M
00-00	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings		Re-ring		205-6952	205-1952
00-00	From 07/24/00; Head bolts not incl.; Incl. A-Series aluminum bearings; w/full flange thrust brg.		Re-ring w/Mains		205-6952M	205-1952M
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.		Block Kit w/Premium Rings		BK-6144	----

Ford Truck (Incl. Minivans and SUV's)

22 (cont.)		2010 - 2000; 4.0L 244 (4015cc) SOHC V6 (12 Valve), 100.4mm Bore; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code K				22 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
01-01	To 7/23/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.			Block Kit w/Premium Rings	BK-6142	----	
01-01	From 7/24/00; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.			Block Kit w/Premium Rings	BK-6143	----	
00-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.			Block Kit w/Premium Rings	BK-6142	----	
23		2008 - 1997; 4.2L 256 (4196cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 2				23	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	07	KT3-365SA1		(1) 222-376; (1) 223-539; (1) 223-700		
1	3 Piece Set	06-05	KT3-365SA1		(1) 222-376; (1) 223-539; (1) 223-700		
1	3 Piece Set	04	KT3-365SA1		(1) 222-376; (1) 223-539; (1) 223-700		
1	3 Piece Set	03-97	KT3-365SA1		(1) 222-376; (1) 223-539; (1) 223-700		
1	Timing Chain	04-97	222-376		60 Links		
1	Timing Chain Tensioner	99-97	222-323CT				
1	Crank Sprocket	03-99	223-539		21 Teeth		
1	Crank Sprocket	98-97	223-539		21 Teeth		
1	Cam Sprocket	04-97	223-700		42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	08-07	CS-860		Hydraulic, (050) Duration at .050 Lobe Lift, 201 Exh., 184 Int., 110 Degrees Lobe Separation		
1	Camshaft	04-97	CS-860		Hydraulic, (050) Duration at .050 Lobe Lift, 201 Exh., 184 Int., 110 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	08-97	HT-2205	Std Only	Hyd. rlr.		
12	Lifter, Bulk	08-97	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	08-07	KC-860		Hyd. rlr.; (1) 55-403B; (1) CS-860; (12) HT-2205		
1	Cam/Lifter Kit	04-97	KC-860		Hyd. rlr.; (1) 55-403B; (1) CS-860; (12) HT-2205		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	04-97	RP-3284	Std Only	7.136" O.A.L.		
12	Push Rod, Bulk	04-97	BRP-3284	Std Only	Carton of 100; 7.136" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	04-97	R-1008	Std Only	Incl. arm & pivot		
12	Arm Assy., Bulk	04-97	R-1008B	Std Only	Incl. arm & pivot; Carton of 64		
12	Arm	04-97	R-1008W	Std Only			
12	Pivot	04-97	MR-1842	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	04-97	V-4522	Std Only	Chrome plated stem; 1.461" Head Dia., 0.274" Stem Dia., 4.845" O.A.L.		
6	Intake	04-97	V-4564	Std Only	Chrome plated stem; 1.861" Head Dia., 0.275" Stem Dia., 4.84" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	06-05	VG-1392T	Std Only	Loc. Int. & Exh.; Threaded; 0.2765" ID, 2.05" O.A.L.		
6	Guide	04	VG-1391T	Std Only	Loc. Exh.; Threaded; 0.2765" ID, 2.2" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	07-97	VS-1648	Std Only	Conical design; 1.9961" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	98-97	ST-2135	Std Only	Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	04-97	245-1875-50	Std Only	Loc. Int. & Exh.; 1.882" OD, 1.64" ID, 0.28" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	04-97	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-97	H850CP	Std-50-.75-1.00MM	Hypereutectic; 1 - 1.50mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.263 CD, Oblong Recessed Head .140 deep; DUROSHIELD® skirt coated piston, 0.906" Pin Dia.		

Ford Truck (Incl. Minivans and SUV's)

23 (cont.)	2008 - 1997; 4.2L 256 (4196cc) OHV V6 (12 Valve), 96.8mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 2				23 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
6	Cast Piston - Individual	04-97	WH850CP	Std.-50-.75-1.00MM	Hypereutectic; 1 - , 1.50mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.263 CD, Oblong Recessed Head .140 deep; DUROSHIELD® skirt coated piston, 0.906" Pin Dia.
1	Cast Piston Set w/Prem. Rings	04-97	6KH850CP .50MM	.50-1.00MM	Cast; 1 - , 1.50mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.263 CD, Oblong Recessed Head .140 deep; DUROSHIELD® skirt coated piston, 23.012mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	04-97	E-911K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	04-97	WE-911K	Std.-50-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	07-97	7295MA	Std.-026-.25-.50-.75-1.00 MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings
1	Main Set	04-97	7368M .50MM	.50MM	.50MM O/S length flange brg.
1	Rod Set	07-97	6-4500AA	Std.-25-.50-.75MM	Regrinding crank more than .50mm not recommended; A-Series aluminum bearings .50mm not recommended; A-Series aluminum bearings
1	Rod Set	07-97	6-4500AA 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
6	Rod Pair	07-97	4500AA	Std.-026-.25-.50-.75MM	A-Series aluminum bearings
1	Cam Set	07-97	1886M	Std Only	
1	Bal. Shaft Set	07-97	1807M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	00-97	224-43575		
1	Screen Assy.	98-97	224-15062		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	08-05	260-1989		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	04	260-1987		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	04	260-1988		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	03-01	260-1987		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	00-99	260-1917		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	98	260-1917		From 01/15/98; Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	98	260-1985		To 01/14/98; Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	97	260-1985		Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
2	Head Bolt Set	08-97	260-2540	Std Only	Replacement required; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	99-97	381-8053		
1	Steel Block Plug Kit	99-97	381-9654		
1	Steel Shallow Cup Freeze Plug	99-97	381-2157		2.250" Diameter
24	2005; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A				24
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	05	222-189		Loc. Lower; Secondary; 44 Links
1	Crank Sprocket	05	223-869		21 teeth
1	Cam Sprocket	05	223-790A		Secondary; 20 Teeth
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
32	Valve Stem Seal	05	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	05	H864CP	Std.-25-.50-.75-1.00-1.50 MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .150 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05	7289MA	Std.-25-.50MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	05	224-43625		Use w/15/16" inlet tube screen
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION

Ford Truck (Incl. Minivans and SUV's)

24 (cont.)		2005; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A			24 (cont.)
BLOCK					
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	05	381-8213		
25		2004 - 2003; 4.6L 281 (4605cc) DOHC V8 (32 Valve), 90.2mm Bore Intech; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H			25
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Chain	04-03	222-189	Loc. Lower; Secondary; 44 Links	
1	Timing Chain	04-03	222-387	2 Req'd; 116 Links	
1	Crank Sprocket	04-03	223-869	21 teeth	
1	Cam Sprocket	04-03	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-03	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-03	223-790A	Secondary; 20 Teeth	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
32	Arm	04-03	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
16	Exhaust	04-03	V-4479	Std Only Chrome plated stem; 1.181" Head Dia., 0.274" Stem Dia., 4.578" O.A.L.	
16	Intake	04-03	V-4480	Std Only Chrome plated stem; 1.456" Head Dia., 0.275" Stem Dia., 5.337" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
32	Guide	04-03	VG-1389T	Std Only Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
32	Spring	04-03	VS-1631	Std Only 1.66" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
32	Valve Stem Seal	04-03	ST-2141	Std Only Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
64	Keeper	04-03	VK-287	Std Only Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Pin Bushing	04-03	1989YA		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	04-03	7289MA	Std.-25-50MM A-Series aluminum bearings	
1	Rod Set	04-03	8-1985A	Std.-25-50-.75MM A-Series aluminum bearings	
1	Rod Set	04-03	8-1985A 25X2	25X2-50X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore	
8	Rod Pair	04-03	1985A	Std.-026-.25-50-.75-1.00 MM A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	04-03	224-43625	Use w/15/16" inlet tube screen	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	04-03	381-8213		
26		2009 - 2006; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code V			26
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	07-06	KT-4005S	Incl. sprockets, chains, tensioners, arms & guides	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	07-06	HT-2271	Std Only Hyd. lash adj.	
16	Lifter, Bulk	07-06	HT-2271B	Std Only Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm	07-06	R-1096	Std Only	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	07-06	VG-1389T	Std Only Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	07-06	ST-2140	Std Only Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	07-06	VK-287	Std Only 3 groove; w/.2750 Stem Dia.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Pin Bushing	07-06	1989YA		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	07-06	7289MA	Std.-25-50MM w/Alum. block; A-Series aluminum bearings	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	09-06	381-8213		

Ford Truck (Incl. Minivans and SUV's)

27	2011 - 1997; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI;				27
Gasoline; Naturally Aspirated Ford Eng.; VIN Code W					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	00-97	KT3-387S	(2) 222-387; (1) 223-764; (1) 223-766; (1) 223-843	
1	Complete Set	02	KT-4004S	To 10/2002; Incl. sprockets, chains, tensioners, arms & guides	
1	Complete Set	01	KT-4004S	Incl. sprockets, chains, tensioners, arms & guides	
1	Complete Set	00-97	KT-4003S	Incl. sprockets, chains, tensioners, arms & guides	
1	Timing Chain	04-01	222-387	2 Req'd; 116 Links	
2	Timing Chain	00-97	222-387	116 Links	
1	Timing Chain Tensioner	11-10	222-321CT	Loc. L.H.; Tensioner arm	
1	Timing Chain Tensioner	11-10	222-322CT	Loc. R.H.; Tensioner arm	
1	Timing Chain Tensioner	11-10	222-368CT	Loc. L.H.	
1	Timing Chain Tensioner	11-10	222-369CT	Loc. R.H.	
1	Timing Chain Tensioner	05-00	222-368CT	Loc. L.H.	
1	Timing Chain Tensioner	05-00	222-369CT	Loc. R.H.	
1	Timing Chain Tensioner	04-97	222-321CT	Loc. L.H.; Tensioner arm	
1	Timing Chain Tensioner	04-97	222-322CT	Loc. R.H.; Tensioner arm	
1	Timing Chain Tensioner	99-97	222-366CT	Loc. L.H.	
1	Timing Chain Tensioner	99-97	222-367CT	Loc. R.H.	
1	Timing Chain Guide	11-10	222-373GP	Loc. L.H.	
1	Timing Chain Guide	04-97	222-370GP	Loc. L.H.	
1	Timing Chain Guide	04-97	222-371GP	Loc. R.H.	
1	Crank Sprocket	11-01	223-869	21 teeth	
1	Crank Sprocket	04-97	223-843	21 Teeth; 1-Piece design	
1	Cam Sprocket	11-10	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	11-10	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-97	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-97	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10-97	HT-2271	Std Only Hyd. lash adj.	
16	Lifter, Bulk	10-97	HT-2271B	Std Only Hyd. lash adj.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	99-97	KC-1528	Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/.020" O/S journals; (1) 55-403B; (1) CS-1528; (1) CS-1529; (16) HT-2271	
1	Cam/Lifter Kit	99-97	KC-1575	Incl. L.H. & R.H. camshafts; Hyd. lash adj.; Incl. Camshaft w/Std. journals; (1) 55-403B; (1) CS-1574; (1) CS-1575; (16) HT-2271	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm	07-97	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	07-00	V-4603	Std Only w/HP Improved heads; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.	
8	Exhaust	99-97	V-2656	Std Only Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.	
8	Intake	07-00	V-4602	Std Only w/HP Improved heads; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.	
8	Intake	99-97	V-3956	Std-15 Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	07-97	VG-1389T	Std Only Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	10-03	VS-1663	Std Only 2.101" Free Height; New Part Number - Check for Availability	
16	Spring	98-97	VS-1632	Std Only Loc. Int. & Exh.; 2" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	07-97	ST-2140	Std Only Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	00-97	245-1375-61	Std Only Loc. Exh.; 1.375" OD, 1.13" ID, 0.304" Depth	
8	Seat	00-97	245-1875-56	Std Only Loc. Int.; 1.875" OD, 1.6" ID, 0.252" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	07-06	VK-287	Std Only 3 groove; w/.2750 Stem Dia.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	05-03	H864CP	Std-25-50-75-1.00-1.50 MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .150 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.	
8	Cast Piston	00-97	H591CP	Std-25-50-75-1.00-1.50 MM Use w/E-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.	
8	Cast Piston	99-97	H858CP	Std-50-75-1.00MM Use w/E-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.	

Ford Truck (Incl. Minivans and SUV's)

27 (cont.)		2011 - 1997; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				27 (cont.)		
BLOCK								
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION			
8	Cast Piston - Individual	00-97	WH591CP	Std.-25-.50-75-1.00MM	Use w/WE-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.			
8	Cast Piston - Individual	99-97	WH858CP	Std.-50-.75-1.00MM	Use w/WE-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.			
1	Cast Piston Set w/Prem. Rings	00-97	8KH591CP .50MM	.50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .152 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 21.996mm Pin Dia.			
8	Pin Bushing	09-97	1989YA					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	04-97	E-916K	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly			
8	Premium Single Cylinder Set	04-97	WE-916K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	07-00	148M	Std.-026MM-.026X	Race Performance			
1	Main Set	07-97	7292MA	Std.-25-.50MM	A-Series aluminum bearings			
1	Main Set	07-97	7292MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD			
1	Main Set	03-02	7289MA	Std.-25-.50MM	w/Alum. block; A-Series aluminum bearings			
1	Rod Set	07-97	8-1985A	Std.-25-.50-.75MM	A-Series aluminum bearings			
1	Rod Set	07-97	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore			
8	Rod Pair	07-97	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	06-97	224-43498		Use w/13/16" inlet tube screen			
1	Screen Assy.	07-06	224-15066					
1	Screen Assy.	05	224-15066					
1	Screen Assy.	04	224-15066					
1	Screen Assy.	03	224-15066					
1	Screen Assy.	02	224-15066					
1	Screen Assy.	01	224-15066					
1	Screen Assy.	00-97	224-15066					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	98-97	260-1737		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	08-97	260-2517	Std Only	Replacement recommended			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	09-99	381-8213					
KITS								
RE-RING KIT					PREMIUM	STANDARD		
YEARS	DESCRIPTION				KIT NO.	KIT NO.		
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6393	----		
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6393M	----		
OVERHAUL KIT					PREMIUM	STANDARD		
YEARS	DESCRIPTION				KIT NO.	KIT NO.		
98-97	Head bolts not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.			Master	MKP-6393	----		
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability			Master	MKP-6410	----		
98-97	Head bolts not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.			Master w/o Pistons	MK-6393	----		
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability			Master w/o Pistons	MK-6410	----		
98-97	Head bolts not incl.; Freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Camshafts w/.020" O/S journals incl.			Master w/o Rods & Mains	505-6393	----		

Ford Truck (Incl. Minivans and SUV's)

27 (cont.)	2011 - 1997; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Romeo; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				27 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. L.H. & R.H. camshafts; Incl. Camshaft w/Std. journals; New Part Number - Check for Availability		Master w/o Rods & Mains	505-6410	----
98-97	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6145	----
28	2003 - 1997; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				28
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	00-97	KT3-387S	(2) 222-387; (1) 223-764; (1) 223-766; (1) 223-843	
1	Complete Set	00-97	KT-4006S	Incl. sprockets, chains, tensioners, arms & guides	
1	Timing Chain	03-02	222-387	2 Req'd; 116 Links	
2	Timing Chain	00-97	222-387	116 Links	
1	Timing Chain Tensioner	03-02	222-321CT	Loc. L.H.; Tensioner arm	
1	Timing Chain Tensioner	03-02	222-322CT	Loc. R.H.; Tensioner arm	
1	Timing Chain Tensioner	03-02	222-368CT	Loc. L.H.	
1	Timing Chain Tensioner	03-02	222-369CT	Loc. R.H.	
1	Timing Chain Tensioner	00-97	222-321CT	Loc. L.H.; Tensioner arm	
1	Timing Chain Tensioner	00-97	222-322CT	Loc. R.H.; Tensioner arm	
1	Timing Chain Tensioner	99-97	222-366CT	Loc. L.H.	
1	Timing Chain Tensioner	99-97	222-367CT	Loc. R.H.	
1	Timing Chain Guide	03-97	222-372GP	Loc. R.H.	
1	Timing Chain Guide	03-97	222-373GP	Loc. L.H.	
1	Crank Sprocket	03-02	223-869	21 teeth	
1	Crank Sprocket	00-97	223-843	21 Teeth; 1-Piece design	
1	Cam Sprocket	03-02	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	03-02	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	00-97	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	00-97	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	03-97	HT-2271	Std Only	Hyd. lash adj.
16	Lifter, Bulk	03-97	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm	03-97	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	03-00	V-4603	Std Only	w/HP Improved heads; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.
8	Exhaust	99-97	V-2656	Std Only	Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.
8	Intake	03-00	V-4602	Std Only	w/HP Improved heads; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
8	Intake	99-97	V-3956	Std-15	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	03-97	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	98-97	VS-1632	Std Only	Loc. Int. & Exh.; 2" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	03-97	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	03-00	H878CP	Std.-25-50-75-1.00-1.50 MM	Hypereutectic; w/HP Improved heads; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .188 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston	01-97	H831CP	Std.-50-75-1.00-1.50MM	Use w/E-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .140 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston	99-97	H858CP	Std.-50-75-1.00MM	Use w/E-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.
8	Cast Piston - Individual	03-00	WH878CP .50MM	.50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .188 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.

Ford Truck (Incl. Minivans and SUV's)

28 (cont.)		2003 - 1997; 4.6L 281 (4605cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				28 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston - Individual	01-97	WH831CP	Std-50-75-1.00MM	Use w/WE-916K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .140 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.		
8	Cast Piston - Individual	99-97	WH858CP	Std-50-75-1.00MM	Use w/WE-916K ring set; Hypereutectic; Not O.E. duplicate comp. ratio; Use in sets only; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.215 CD, Recessed Head .170 deep x 2.755 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.		
8	Pin Bushing	03-97	1989YA				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-97	E-916K	Std-50-75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	03-97	WE-916K	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-02	7289MA	Std-.25-.50MM	w/Alum. block; A-Series aluminum bearings		
1	Main Set	03-97	153M	Std-.026-.026X-.25MM	Race Performance		
1	Main Set	03-97	7296MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings		
1	Main Set	03-97	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Main Set	03-97	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length		
1	Thrust Washer Set	03-97	4507F	Std Only	New Part Number - Check for Availability		
1	Rod Set	03-97	8-1985A	Std-.25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	03-97	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
8	Rod Pair	03-97	1985A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	03-97	224-43498		Use w/13/16" inlet tube screen		
1	Screen Assy.	03-97	224-15066				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
2	Head Bolt Set	03-97	260-2517	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	03-99	381-8213				
29		2010 - 2006; 4.6L 281 (4605cc) SOHC V8 (24 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 8				29	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain Tensioner	10-06	222-368CT		Loc. L.H.		
1	Timing Chain Tensioner	10-06	222-369CT		Loc. R.H.		
1	Timing Chain Guide	10-06	222-372GP		Loc. R.H.		
1	Timing Chain Guide	10-06	222-373GP		Loc. L.H.		
1	Crank Sprocket	10-06	223-869		21 teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	10-06	HT-2305	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	09-06	V-4686	Std Only	Flex Fuel; Inconel X-751; Chrome plated stem; Premium Material; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.		
12	Exhaust	07-06	V-4708	Std Only	Exc. Flex Fuel; Chrome plated stem; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.		
12	Intake	09-06	V-4685	Std Only	Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	09-06	VK-288	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	09-06	H1135CT	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 0.000 CD, Recessed Head .050 deep x 3.043 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston; THERMOSHIELD® coating on the head and in the top compression groove, 22.190mm Pin Dia.; New Part Number - Check for Availability		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	10-06	224-43663				
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	09-06	381-8213				

Ford Truck (Incl. Minivans and SUV's)

30	1996 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated				30
Ford Eng.; VIN Code 9					
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Gear Set	96-91	221-2750AS	Alum. cam gear; Replace in sets only; 221-2765 not sold separately; (1) 221-2750A; (1) 221-2765	
1	Gear Set	96-91	221-2766LS	221-2765 not sold separately; Laminated silent type cam gear; (1) 221-2750L; (1) 221-2765	
1	Gear Set	95-91	221-2764S	58 tooth H/D metal cam gear & 29 tooth crank gear incl.; 221-2763 & 221-2764 not sold separately; (1) 221-2763; (1) 221-2764	
1	Cam Gear	96-91	221-2750L	Laminated silent type cam gear; 58 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	96-93	CS-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 192 Int., 50 Degrees Lobe Separation	
1	Camshaft	92-91	CS-1230	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 192 Int., 50 Degrees Lobe Separation	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
12	Lifter	96-91	HT-900	Std Only Hyd.	
12	Lifter, Bulk	96-91	HT-900B	Std Only Hyd.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	96-93	KC-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter Kit	92-91	KC-1230	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hyd.; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	96-93	KCT-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; Incl. laminated silent type cam gear; (1) 221-2766LS; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	95-93	KCT-1230C	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; (1) 221-2764S; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	92-91	KCT-1230	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hyd.; Incl. laminated silent type cam gear; (1) 221-2766LS; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	92-91	KCT-1230C	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hyd.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; (1) 221-2764S; (1) 55-403B; (1) CS-1230; (12) HT-900	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	96-91	RP-3183	Std Only Std. length; 10.14" O.A.L.	
12	Push Rod	96-91	RP-3260	Std Only .060" shorter length; 10.08" O.A.L.	
12	Push Rod, Bulk	96-91	BRP-3183	Std Only Std. length; Carton of 100; 10.164" O.A.L.	
12	Push Rod, Bulk	96-91	BRP-3260	Std Only .060" shorter length; Carton of 100; 10.08" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	96-91	R-948	Std Only Incl. arm & pivot	
12	Arm Assy., Bulk	96-91	R-948B	Std Only Incl. arm & pivot; Carton of 32	
12	Bolt	96-91	MR-1847	Std Only 5/16" X 18 UNC w/Washer	
12	Pivot	96-91	MR-1811	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	96-91	V-3937	Std-15 w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.56" Head Dia., 0.342" Stem Dia., 4.75" O.A.L.	
6	Intake	96-91	V-2365	Std-15 w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.776" Head Dia., 0.3419" Stem Dia., 4.75" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
6	Guide	96-91	VG-5038	Std Only Loc. Int.; 0.343" ID, 2.12" O.A.L.	
6	Guide	94-91	VG-5005	Std Only Loc. Exh.; 0.343" ID, 2.25" O.A.L.	
6	Guide	94-91	VG-5005H	Std Only Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L.	
6	Guide	94-91	VG-5005T	Std Only Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.	
6	Guide, Bulk	96-91	VG-5038B	Std Only Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L.	
6	Guide, Bulk	94-91	VG-5005B	Std Only Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.	
6	Guide, Bulk	94-91	VG-5005TB	Std Only Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
6	Spring	96-91	VS-862	Std Only Loc. Exh.; 1.782" Free Height	
6	Spring	96-91	VS-863	Std Only Loc. Int.; 1.97" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
12	Valve Stem Seal	94-91	ST-2003	Std Only Positive type; Installation requires valve guide machining; (RBB) Rubber	
12	Valve Stem Seal	94-91	ST-2092	Std Only Positive type, Metal Clad; (RBB) Rubber	
12	Valve Stem Seal Bulk	94-91	ST-2003BC	Std Only Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	

Ford Truck (Incl. Minivans and SUV's)

30 (cont.)		1996 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 9				30 (cont.)
VALVETRAIN						
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Seat	94-91	245-1687-1	Std Only	Loc. Exh.; 1.6925" OD, 1.406" ID, 0.248" Depth	
6	Seat	94-91	245-1687-1N	Std Only	Loc. Exh.; Premium Material; 1.6925" OD, 1.406" ID, 0.248" Depth	
6	Seat	94-91	245-1687-5	Std Only	Loc. Exh.; 1.6925" OD, 1.375" ID, 0.216" Depth	
6	Seat	94-91	245-1687-5N	Std Only	Loc. Exh.; Cobalt Alloy material; 1.6925" OD, 1.375" ID, 0.216" Depth	
6	Seat	94-91	245-1812-3	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	96-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
24	Keeper	96-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
24	Keeper	96-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
24	Keeper, Bulk	96-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
12	Spring Insert	94-91	259-103A	Std Only	.060"; ID 1.030"; Carton of 100	
12	Spring Insert	94-91	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500	
12	Spring Insert	94-91	259-103B	Std Only	.030"; ID 1.030"; Carton of 100	
12	Spring Insert	94-91	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500	
12	Spring Insert	94-91	259-103C	Std Only	.015"; ID 1.030"; Carton of 100	
6	Rotocap Assy.	96-91	RC-128SA	Std Only	Loc. Exh.; Incl. VS-656 spring	
6	Rotocap	96-91	RC-128S	Std Only	Loc. Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	96	H674P	Std-20-30-40	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.767 CD, Recessed Head D shaped .300 deep, 0.9751" Pin Dia.	
6	Cast Piston	95-91	H519P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
6	Cast Piston - Individual	96	WH674P	Std-20-30-40	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.767 CD, Recessed Head D shaped .300 deep, 0.9751" Pin Dia.	
6	Cast Piston - Individual	95-91	WH519P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	95-91	6KH519P 60	60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
1	Cast Piston Set w/Econ. Rings	95-91	6XH519P 20	20-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
6	Pin	96-91	P-2217	Std Only	0.699" Inside Dia., 0.9752" Outside Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96	E-915K	Std-20-30-40-60	2-2.00MM, 1-4.00MM; Premium Moly	
1	Premium Set	95-91	E-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly	
1	Premium Set	95-91	E-464KC	Std-20-30-40	2-5/64, 1-3/16; Premium Chrome	
1	Standard Set	95-91	E-229X	Std-20-30-40-60	2-5/64, 1-3/16; Iron	
6	Premium Single Cylinder Set	95-91	WE-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly	
6	Standard Single Cylinder Set	95-91	WE-229X	Std-20-30-40-60	2-5/64, 1-3/16; Iron	
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION	
1	Repair Sleeve	94-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"	
1	Repair Sleeve	94-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	4916M	Std-1-10-20-30-40	3.602" max. brg. flange OD	
1	Main Set	96-91	7153M 10	10-20-30	3.602" max. brg. flange OD; .020" O/S length flange brg.	
1	Rod Set	96-91	6-3150CPA	Std-1-10-20-30-40-50	6-3150CAA 60 avail. as unplated & resizeable	
1	Rod Set	96-91	6-3150CPA 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
1	Rod Set	96-91	6-3150CAA 60	60	Unplated & resizeable	
6	Rod Pair	96-91	3150CPA	Std-1-2-10-20-30-40-50		
1	Cam Set	96-91	1781M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	96-91	224-41124			
1	Oil Pump	96-91	224-41124V		High Volume, check pan for clearance	
1	Inter. Shaft	96-91	224-61124			
1	Screen Assy.	96-91	224-13124			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96-93	260-1700		PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1528		PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1420		To 02/02/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

Ford Truck (Incl. Minivans and SUV's)

30 (cont.)	1996 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 9				30 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	91	260-1528	From 02/03/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	96-91	381-8071			
1	Steel Block Plug Kit	96-91	381-4013			
1	Brass Shallow Cup Freeze Plug	96-91	381-7059	2.063" Diameter		
1	Brass Shallow Cup Freeze Plug	96-91	381-7126	1.625" Diameter		
1	Steel Deep Cup Freeze Plug	96-91	381-3095	0.500" Diameter		
1	Steel Shallow Cup Freeze Plug	96-91	381-0008	1.625" Diameter		
1	Steel Shallow Cup Freeze Plug	96-91	381-2059	2.063" Diameter		
1	Steel Shallow Cup Freeze Plug	96-91	381-2074	2.188" Diameter		
1	Steel Shallow Cup Freeze Plug	96-91	381-2156	11mm Diameter		
KITS						
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.	
YEARS	DESCRIPTION					
96-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6388	----
96-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6388M	----
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6343	205-1343
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6343M	205-1343M
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6188	205-1188
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6188M	205-1188M
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6087	205-1087
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6087M	205-1087M
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6188	205-1188
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6188M	205-1188M
OVERHAUL KIT				PREMIUM KIT NO.	STANDARD KIT NO.	
YEARS	DESCRIPTION					
96-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			Master	MKP-6346A	----
96-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			Master w/o Pistons	MK-6346A	----
96-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear			Master w/o Rods & Mains	505-6346A	----
96-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6153	----
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6152	----
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6151	----
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6150	----
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6151	----
96-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6153	----
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6152	----
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6151	----
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6150	----

Ford Truck (Incl. Minivans and SUV's)

30 (cont.)	1996 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 9	30 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Oil Pump & Freeze Plugs BKP-6151	----
95-93	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD	Master MKP-6343A	MKP-1343A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-6188A	MKP-1188A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-7041	MKP-2041
91-91	To 2/2/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-6087A	MKP-1087A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-6188A	MKP-1188A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-7041	MKP-2041
95-93	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6343A	MK-1343A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6188A	MK-1188A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-7041	MK-2041
91-91	To 2/2/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6087A	MK-1087A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6188A	MK-1188A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-7041	MK-2041
95-93	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear	Master w/o Rods & Mains 505-6343A	505-1343A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.	Master w/o Rods & Mains 505-6188A	505-1188A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.	Master w/o Rods & Mains 505-7041	505-2041
91-91	To 2/2/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.	Master w/o Rods & Mains 505-6087A	505-1087A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.	Master w/o Rods & Mains 505-6188A	505-1188A

Ford Truck (Incl. Minivans and SUV's)

30 (cont.)	1996 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 9				30 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.		Master w/o Rods & Mains	505-7041	505-2041
31 1997 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y 31					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Gear Set	97-91	221-2750AS	Alum. cam gear; Replace in sets only; 221-2765 not sold separately; (1) 221-2750A; (1) 221-2765	
1	Gear Set	97-91	221-2766LS	221-2765 not sold separately; Laminated silent type cam gear; (1) 221-2750L; (1) 221-2765	
1	Gear Set	95-91	221-2764S	58 tooth H/D metal cam gear & 29 tooth crank gear incl.; 221-2763 & 221-2764 not sold separately; (1) 221-2763; (1) 221-2764	
1	Cam Gear	97-91	221-2750L	Laminated silent type cam gear; 58 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	97-93	CS-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 192 Int., 50 Degrees Lobe Separation	
1	Camshaft	92-91	CS-1230	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 192 Int., 50 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	97-91	HT-900	Std Only	Hyd.
12	Lifter, Bulk	97-91	HT-900B	Std Only	Hyd.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	97-93	KC-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter Kit	92-91	KC-1230	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hyd.; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	97-93	KCT-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; Incl. laminated silent type cam gear; (1) 221-2766LS; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	95-93	KCT-1230C	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; (1) 221-2764S; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	92-91	KCT-1230	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hyd.; Incl. laminated silent type cam gear; (1) 221-2766LS; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	92-91	KCT-1230C	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; Hyd.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; (1) 221-2764S; (1) 55-403B; (1) CS-1230; (12) HT-900	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	96-91	RP-3183	Std Only	Std. length; 10.14" O.A.L.
12	Push Rod	96-91	RP-3260	Std Only	.060" shorter length; 10.08" O.A.L.
12	Push Rod, Bulk	96-91	BRP-3183	Std Only	Std. length; Carton of 100; 10.164" O.A.L.
12	Push Rod, Bulk	96-91	BRP-3260	Std Only	.060" shorter length; Carton of 100; 10.08" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	96-91	R-948	Std Only	Incl. arm & pivot
12	Arm Assy., Bulk	96-91	R-948B	Std Only	Incl. arm & pivot; Carton of 32
12	Bolt	96-91	MR-1847	Std Only	5/16" X 18 UNC w/Washer
12	Pivot	96-91	MR-1811	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	96-91	V-3937	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.56" Head Dia., 0.342" Stem Dia., 4.75" O.A.L.
6	Intake	96-91	V-2365	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.776" Head Dia., 0.3419" Stem Dia., 4.75" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
6	Guide	96-91	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L
6	Guide	94-91	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L
6	Guide	94-91	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L
6	Guide	94-91	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L
6	Guide, Bulk	96-91	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L
6	Guide, Bulk	94-91	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L

Ford Truck (Incl. Minivans and SUV's)

31 (cont.)		1997 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated				31 (cont.)
Ford Eng.; VIN Code Y						
VALVETRAIN						
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Guide, Bulk	94-91	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.	
6	Spring	96-91	VS-862	Std Only	Loc. Exh.; 1.782" Free Height	
6	Spring	96-91	VS-863	Std Only	Loc. Int.; 1.97" Free Height	
6	Valve Stem Seal	96-93	ST-2137	Std Only	Loc. Exh.; Positive type; (VTN) Viton®	
6	Valve Stem Seal	96-93	ST-2138	Std Only	Loc. Int.; Positive type; (PLY) Polyacrylate	
12	Valve Stem Seal	94-91	ST-2003	Std Only	Positive type; Installation requires valve guide machining; (RBB) Rubber	
12	Valve Stem Seal	94-91	ST-2092	Std Only	Positive type, Metal Clad; (RBB) Rubber	
12	Valve Stem Seal Bulk	94-91	ST-2003BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber	
6	Seat	94-91	245-1687-1	Std Only	Loc. Exh.; 1.6925" OD, 1.406" ID, 0.248" Depth	
6	Seat	94-91	245-1687-1N	Std Only	Loc. Exh.; Premium Material; 1.6925" OD, 1.406" ID, 0.248" Depth	
6	Seat	94-91	245-1687-5	Std Only	Loc. Exh.; 1.6925" OD, 1.375" ID, 0.216" Depth	
6	Seat	94-91	245-1687-5N	Std Only	Loc. Exh.; Cobalt Alloy material; 1.6925" OD, 1.375" ID, 0.216" Depth	
6	Seat	94-91	245-1812-3	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth	
24	Keeper	96-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
24	Keeper	96-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
24	Keeper	96-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
24	Keeper, Bulk	96-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
12	Spring Insert	94-91	259-103A	Std Only	.060"; ID 1.030"; Carton of 100	
12	Spring Insert	94-91	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500	
12	Spring Insert	94-91	259-103B	Std Only	.030"; ID 1.030"; Carton of 100	
12	Spring Insert	94-91	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500	
12	Spring Insert	94-91	259-103C	Std Only	.015"; ID 1.030"; Carton of 100	
6	Rotocap Assy.	96-91	RC-128SA	Std Only	Loc. Exh.; Incl. VS-656 spring	
6	Rotocap	96-91	RC-128S	Std Only	Loc. Exh.	
BLOCK						
6	Cast Piston	97-96	H674P	Std-20-30-40	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.767 CD, Recessed Head D shaped .300 deep, 0.9751" Pin Dia.	
6	Cast Piston	95-91	H519P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
6	Cast Piston - Individual	97-96	WH674P	Std-20-30-40	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.767 CD, Recessed Head D shaped .300 deep, 0.9751" Pin Dia.	
6	Cast Piston - Individual	95-91	WH519P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	95-91	6KH519P 60	60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
1	Cast Piston Set w/Econ. Rings	95-91	6XH519P 20	20-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.	
6	Pin	96-91	P-2217	Std Only	0.699" Inside Dia., 0.9752" Outside Dia.	
1	Premium Set	97-96	E-915K	Std-20-30-40-60	2-2.00MM, 1-4.00MM; Premium Moly	
1	Premium Set	95-91	E-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly	
1	Premium Set	95-91	E-464KC	Std-20-30-40	2-5/64, 1-3/16; Premium Chrome	
1	Standard Set	95-91	E-229X	Std-20-30-40-60	2-5/64, 1-3/16; Iron	
6	Premium Single Cylinder Set	95-91	WE-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly	
6	Standard Single Cylinder Set	95-91	WE-229X	Std-20-30-40-60	2-5/64, 1-3/16; Iron	
1	Repair Sleeve	94-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"	
1	Repair Sleeve	94-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"	
1	Main Set	97-91	4916M	Std-1-10-20-30-40	3.602" max. brg. flange OD	
1	Main Set	97-91	7153M 10	10-20-30	3.602" max. brg. flange OD; .020" O/S length flange brg.	
1	Rod Set	97-91	6-3150CPA	Std-1-10-20-30-40-50	6-3150CAA 60 avail. as unplated & resizeable	
1	Rod Set	97-91	6-3150CPA 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
1	Rod Set	97-91	6-3150CAA 60	60	Unplated & resizeable	
6	Rod Pair	97-91	3150CPA	Std-1-2-10-20-30-40-50		
1	Cam Set	97-91	1781M	Std Only		

Ford Truck (Incl. Minivans and SUV's)

31 (cont.)	1997 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y				31 (cont.)
BLOCK					
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	97-91	224-41124		
1	Oil Pump	96-91	224-41124V	High Volume, check pan for clearance	
1	Inter. Shaft	96-91	224-61124		
1	Screen Assy.	97-91	224-13124		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	97-93	260-1700	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1528	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1420	To 02/02/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1528	From 02/03/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	97-91	381-8071		
1	Steel Block Plug Kit	96-91	381-4013		
1	Brass Shallow Cup Freeze Plug	97-91	381-7059	2.063" Diameter	
1	Brass Shallow Cup Freeze Plug	97-91	381-7126	1.625" Diameter	
1	Steel Deep Cup Freeze Plug	97-91	381-3095	0.500" Diameter	
1	Steel Shallow Cup Freeze Plug	97-91	381-2074	2.188" Diameter	
1	Steel Shallow Cup Freeze Plug	97-91	381-2156	11mm Diameter	
1	Steel Shallow Cup Freeze Plug	96-91	381-0008	1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	96-91	381-2059	2.063" Diameter	
1	Steel Shallow Cup Freeze Plug	96-91	381-2074	2.188" Diameter	
KITS					
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6388	----
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			205-6388M	----
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6343	205-1343
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			205-6343M	205-1343M
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6188	205-1188
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			205-6188M	205-1188M
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6087	205-1087
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			205-6087M	205-1087M
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6188	205-1188
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			205-6188M	205-1188M
OVERHAUL KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
97-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			MKP-6346A	----
97-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			MK-6346A	----
97-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear			505-6346A	----
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			BK-6153	----
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			BK-6152	----
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			BK-6151	----

Ford Truck (Incl. Minivans and SUV's)

31 (cont.)	1997 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y	31 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Premium Rings BK-6150	----
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Premium Rings BK-6151	----
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Oil Pump & Freeze Plugs BKP-6153	----
95-93	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Oil Pump & Freeze Plugs BKP-6152	----
92-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Oil Pump & Freeze Plugs BKP-6151	----
91-91	To 2/2/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Oil Pump & Freeze Plugs BKP-6150	----
91-91	From 2/3/91; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD	Block Kit w/Oil Pump & Freeze Plugs BKP-6151	----
95-93	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD	Master MKP-6343A	MKP-1343A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-6188A	MKP-1188A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-7041	MKP-2041
91-91	To 2/2/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-6087A	MKP-1087A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-6188A	MKP-1188A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master MKP-7041	MKP-2041
95-93	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6343A	MK-1343A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6188A	MK-1188A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-7041	MK-2041
91-91	To 2/2/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6087A	MK-1087A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-6188A	MK-1188A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; w/3.602" max. brg. flange OD	Master w/o Pistons MK-7041	MK-2041
95-93	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear	Master w/o Rods & Mains 505-6343A	505-1343A

Ford Truck (Incl. Minivans and SUV's)

31 (cont.)	1997 - 1991; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y				31 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.		Master w/o Rods & Mains	505-6188A	505-1188A
92-92	w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.		Master w/o Rods & Mains	505-7041	505-2041
91-91	To 2/2/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.		Master w/o Rods & Mains	505-6087A	505-1087A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.		Master w/o Rods & Mains	505-6188A	505-1188A
91-91	From 2/3/91; w/Eng. I.D. Codes AK-250-AA, AK-252-AA, AK-263-AA, AK-265-AA; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.		Master w/o Rods & Mains	505-7041	505-2041
32					
1997 - 1994; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Gear Set	97-94	221-2750AS	Alum. cam gear; Replace in sets only; 221-2765 not sold separately; (1) 221-2750A; (1) 221-2765	
1	Gear Set	97-94	221-2766LS	221-2765 not sold separately; Laminated silent type cam gear; (1) 221-2750L; (1) 221-2765	
1	Gear Set	95-94	221-2764S	58 tooth H/D metal cam gear & 29 tooth crank gear incl.; 221-2763 & 221-2764 not sold separately; (1) 221-2763; (1) 221-2764	
1	Cam Gear	97-94	221-2750L	Laminated silent type cam gear; 58 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	97-94	CS-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 192 Int., 50 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	97-94	HT-900	Std Only	Hyd.
12	Lifter, Bulk	97-94	HT-900B	Std Only	Hyd.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	97-94	KC-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	97-94	KCT-1230	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; Incl. laminated silent type cam gear; (1) 221-2766LS; (1) 55-403B; (1) CS-1230; (12) HT-900	
1	Cam/Lifter/Timing Kit	95-94	KCT-1230C	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; Hyd.; 58 tooth H/D metal cam gear & 29 tooth crank gear incl.; (1) 221-2764S; (1) 55-403B; (1) CS-1230; (12) HT-900	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	96-94	RP-3183	Std Only	Std. length; 10.14" O.A.L.
12	Push Rod	96-94	RP-3260	Std Only	.060" shorter length; 10.08" O.A.L.
12	Push Rod, Bulk	96-94	BRP-3183	Std Only	Std. length; Carton of 100; 10.164" O.A.L.
12	Push Rod, Bulk	96-94	BRP-3260	Std Only	.060" shorter length; Carton of 100; 10.08" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
12	Arm Assy.	96-94	R-948	Std Only	Incl. arm & pivot
12	Arm Assy., Bulk	96-94	R-948B	Std Only	Incl. arm & pivot; Carton of 32
12	Bolt	96-94	MR-1847	Std Only	5/16" X 18 UNC w/Washer
12	Pivot	96-94	MR-1811	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	97	V-3937	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.56" Head Dia., 0.342" Stem Dia., 4.75" O.A.L.
6	Exhaust	96	V-3937	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.56" Head Dia., 0.342" Stem Dia., 4.75" O.A.L.
6	Exhaust	95-94	V-3937	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.56" Head Dia., 0.342" Stem Dia., 4.75" O.A.L.
6	Intake	97	V-2365	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.776" Head Dia., 0.3419" Stem Dia., 4.75" O.A.L.

Ford Truck (Incl. Minivans and SUV's)

32 (cont.)		1997 - 1994; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				32 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Intake	96	V-2365	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.776" Head Dia., 0.3419" Stem Dia., 4.75" O.A.L.		
6	Intake	95-94	V-2365	Std-15	w/Eng. I.D. Codes EK-256-AA, XK-258-AA, EL-270-AA; Chrome plated stem; 1.776" Head Dia., 0.3419" Stem Dia., 4.75" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	96-94	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L		
6	Guide	94	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L		
6	Guide	94	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L		
6	Guide	94	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L		
6	Guide, Bulk	96-94	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L		
6	Guide, Bulk	94	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L		
6	Guide, Bulk	94	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
6	Spring	96-94	VS-862	Std Only	Loc. Exh.; 1.782" Free Height		
6	Spring	96-94	VS-863	Std Only	Loc. Int.; 1.97" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	94	ST-2003	Std Only	Positive type; Installation requires valve guide machining; (RBB) Rubber		
12	Valve Stem Seal	94	ST-2092	Std Only	Positive type, Metal Clad; (RBB) Rubber		
12	Valve Stem Seal Bulk	94	ST-2003BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	94	245-1687-1	Std Only	Loc. Exh.; 1.6925" OD, 1.406" ID, 0.248" Depth		
6	Seat	94	245-1687-1N	Std Only	Loc. Exh.; Premium Material; 1.6925" OD, 1.406" ID, 0.248" Depth		
6	Seat	94	245-1687-5	Std Only	Loc. Exh.; 1.6925" OD, 1.375" ID, 0.216" Depth		
6	Seat	94	245-1687-5N	Std Only	Loc. Exh.; Cobalt Alloy material; 1.6925" OD, 1.375" ID, 0.216" Depth		
6	Seat	94	245-1812-3	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	96-94	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
24	Keeper	96-94	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
24	Keeper	96-94	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
24	Keeper, Bulk	96-94	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
12	Spring Insert	94	259-103A	Std Only	.060"; ID 1.030"; Carton of 100		
12	Spring Insert	94	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500		
12	Spring Insert	94	259-103B	Std Only	.030"; ID 1.030"; Carton of 100		
12	Spring Insert	94	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500		
12	Spring Insert	94	259-103C	Std Only	.015"; ID 1.030"; Carton of 100		
6	Rotocap Assy.	96-94	RC-128SA	Std Only	Loc. Exh.; Incl. VS-656 spring		
6	Rotocap	96-94	RC-128S	Std Only	Loc. Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	97-96	H674P	Std-20-30-40	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.767 CD, Recessed Head D shaped .300 deep, 0.9751" Pin Dia.		
6	Cast Piston	95-94	H519P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.		
6	Cast Piston - Individual	97-96	WH674P	Std-20-30-40	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.767 CD, Recessed Head D shaped .300 deep, 0.9751" Pin Dia.		
6	Cast Piston - Individual	95-94	WH519P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	95-94	6KH519P 60	60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.		
1	Cast Piston Set w/Econ. Rings	95-94	6XH519P 20	20-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.767 CD, Recessed Head D shaped .300 deep - 8.5:1 C.R.; Effective dome volume - 22cc, 0.9751" Pin Dia.		
6	Pin	96-94	P-2217	Std Only	0.699" Inside Dia., 0.9752" Outside Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-96	E-915K	Std-20-30-40-60	2-2.00MM, 1-4.00MM; Premium Moly		
1	Premium Set	95-94	E-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Premium Set	95-94	E-464KC	Std-20-30-40	2-5/64, 1-3/16; Premium Chrome		
1	Standard Set	95-94	E-229X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
6	Premium Single Cylinder Set	95-94	WE-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
6	Standard Single Cylinder Set	95-94	WE-229X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION		
1	Repair Sleeve	94	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"		
1	Repair Sleeve	94	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"		

Ford Truck (Incl. Minivans and SUV's)

32 (cont.)	1997 - 1994; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				32 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-94	4916M	Std-1-10-20-30-40	3.602" max. brg. flange OD	
1	Main Set	97-94	7153M 10	10-20-30	3.602" max. brg. flange OD; .020" O/S length flange brg.	
1	Rod Set	97-94	6-3150CPA	Std-1-10-20-30-40-50	6-3150CAA 60 avail. as unplated & resizeable	
1	Rod Set	97-94	6-3150CPA 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
1	Rod Set	97-94	6-3150CAA 60	60	Unplated & resizeable	
6	Rod Pair	97-94	3150CPA	Std-1-2-10-20-30-40-50		
1	Cam Set	97-94	1781M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-94	224-41124			
1	Oil Pump	96-94	224-41124V		High Volume, check pan for clearance	
1	Inter. Shaft	96-94	224-61124			
1	Screen Assy.	97-94	224-13124			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-94	260-1700		PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	97-94	381-8071			
1	Steel Block Plug Kit	96-94	381-4013			
1	Brass Shallow Cup Freeze Plug	97-94	381-7059		2.063" Diameter	
1	Brass Shallow Cup Freeze Plug	97-94	381-7126		1.625" Diameter	
1	Steel Deep Cup Freeze Plug	97-94	381-3095		0.500" Diameter	
1	Steel Shallow Cup Freeze Plug	97-94	381-2074		2.188" Diameter	
1	Steel Shallow Cup Freeze Plug	97-94	381-2156		11mm Diameter	
1	Steel Shallow Cup Freeze Plug	96-94	381-0008		1.625" Diameter	
1	Steel Shallow Cup Freeze Plug	96-94	381-2059		2.063" Diameter	
1	Steel Shallow Cup Freeze Plug	96-94	381-2074		2.188" Diameter	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6388	----
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6388M	----
95-94	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6343	205-1343
95-94	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Re-ring w/Mains	205-6343M	205-1343M
OVERHAUL KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
97-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			Master	MKP-6346A	----
97-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			Master w/o Pistons	MK-6346A	----
97-96	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear			Master w/o Rods & Mains	505-6346A	----
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6153	----
95-94	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Premium Rings	BK-6152	----
97-96	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6153	----
95-94	PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; w/3.602" max. brg. flange OD			Block Kit w/Oil Pump & Freeze Plugs	BKP-6152	----
95-94	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD			Master	MKP-6343A	MKP-1343A

Ford Truck (Incl. Minivans and SUV's)

32 (cont.)		1997 - 1994; 4.9L 300 OHV L6 (12 Valve), 4" Bore; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				32 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-94	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear; w/3.602" max. brg. flange OD		Master w/o Pistons		MK-6343A	MK-1343A	
95-94	When replacing O.E. No. E7TZ-6250-D or E7TZ-6250-E the fuel pump eccentric is not used; PermaDry® molded rubber valve cover gskt. & one-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. laminated silent type cam gear		Master w/o Rods & Mains		505-6343A	505-1343A	
33		1996 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				33	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	96-91	KT3-163SA1		Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612		
1	3 Piece Set	96-91	KT3-370SA1		Incl. silent type chain, cam & crank sprocket		
1	Timing Set w/Gaskets	94-91	CTS-2002		Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub		
1	Timing Chain	96-91	222-163		Double rlr.; 58 Links		
1	Timing Chain	96-91	222-370		Silent type; 58 Links		
1	Crank Sprocket	96-91	223-531		w/rlr. type chain; Double row; Use w/Double rlr. chain; 21 Teeth		
1	Cam Sprocket	96-91	223-612		w/rlr. type chain; Double row; .900" thick cam sprocket hub; 42 Teeth		
1	Cam Sprocket	96-91	223-818		42 Teeth; Silent type; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	96-94	CS-1533		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 197 Exh., 186 Int., 115 Degrees Lobe Separation, 0.446" Exh. Valve Lift, 0.421" Int. Valve Lift		
1	Camshaft	93-92	CS-759		Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 183 Int., 107 Degrees Lobe Separation		
1	Camshaft	91	CS-668		Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 183 Int., 108 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	96-92	HT-2205	Std Only	Hyd. rlr.		
16	Lifter	91	HT-900	Std Only	Hyd.		
16	Lifter	91	HT-900R	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.		
16	Lifter, Bulk	96-92	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
16	Lifter, Bulk	91	HT-900B	Std Only	Hyd.; Carton of 122		
16	Lifter, Bulk	91	HT-900RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	91	KC-668		Hyd.; (1) 55-403B; (1) CS-668; (16) HT-900		
1	Cam/Lifter Kit	96-94	KC-1533		Hyd. rlr.; (1) 55-403B; (1) CS-1533; (16) HT-2205		
1	Cam/Lifter Kit	93-92	KC-759		Hyd. rlr.; (1) 55-403B; (1) CS-759; (16) HT-2205		
1	Cam/Lifter/Timing Kit	91	KCT-668A		Hyd.; Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 55-403B; (1) CS-668; (16) HT-900; (1) KT3-163SA1		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	96-92	RP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.		
16	Push Rod	91	RP-3167	Std Only	6.876" O.A.L.		
16	Push Rod	91	RP-3223R	Std Only	Chrome-Moly; 6.885" O.A.L.		
16	Push Rod, Bulk	96-92	BRP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.		
16	Push Rod, Bulk	91	BRP-3167	Std Only	Carton of 100; 6.876" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	96-91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount		
16	Arm Assy., Bulk	96-91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64		
16	Arm	96-91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount		
16	Arm	96-91	R-879A	Std Only	Stamped steel; Bolt type mount		
16	Bolt	96-91	MR-1847	Std Only	5/16" X 18 UNC w/Washer		
16	Pivot	96-91	MR-1811	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	96-91	V-1961	Std-3-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.		
8	Exhaust, Bulk	96-91	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.		
8	Exhaust, Bulk	96-91	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.		
8	Intake	96-91	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.		

Ford Truck (Incl. Minivans and SUV's)

33 (cont.)	1996 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				33 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
8	Intake, Bulk	96-91	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	96-91	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	96-93	VG-5062	Std Only	Loc. Int.; 0.3735" ID, 2.38" O.A.L
8	Guide	96-91	VG-5032	Std Only	Loc. Exh.; 0.4375" ID, 2.5" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	96-91	VS-718	Std Only	Loc. Int.; 2.028" Free Height
8	Spring	96-91	VS-733	Std Only	Loc. Exh.; 1.923" Free Height
8	Spring	91	VS-661	Std Only	Loc. Int.; Incl. damper; 2.046" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	96-93	ST-2142	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
16	Valve Stem Seal	94-91	ST-2001	Std Only	Use w/O.E. guide; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
16	Valve Stem Seal Bulk	94-91	ST-2001BC	Std Only	Use w/O.E. guide; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	96-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	96-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	96-91	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth
8	Seat	96-91	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	96-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	96-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	96-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	96-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	96-91	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	96-91	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	96-91	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	96-91	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	96-91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	96-91	RC-140	Std Only	Loc. Exh.
8	Rotocap	96-91	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	96	H816CP	Std-20-30-40-60	Use w/E-458K or E-458X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.595 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston	95-93	H606P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.600 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs, 0.9122" Pin Dia.
8	Cast Piston	95-91	H654CP	Std-20-30-40-60	Hypereutectic; Use w/E-251K, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston	92-91	517CP	Std-20-30-40-60	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.
8	Cast Piston	92-91	517P 40	40	Cast; When depleted use 517CP 40; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.; Superseded - When depleted use 517CP 40
8	Cast Piston - Individual	96	WH816CP	Std-20-30-40-60	Use w/WE-458K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.595 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston - Individual	95-93	WH606P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.600 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs, 0.9122" Pin Dia.
8	Cast Piston - Individual	95-91	WH654CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston - Individual	92-91	W517CP	Std-20-30-40-60	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.
8	Cast Piston - Individual	92-91	W517P 40	40	Cast; When depleted use W517CP 40; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.; Superseded - When depleted use W517CP 40
1	Cast Piston Set w/Prem. Rings	95-91	8KH654CP 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8K517CP 30	30-40-60	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.

Ford Truck (Incl. Minivans and SUV's)

33 (cont.)		1996 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				33 (cont.)	
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96	E-458K	Std-5-20-30-40-60	Use w/H816CP piston; 2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	95-91	E-251K	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Moly		
1	Premium Set	95-91	E-251KC	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Chrome		
1	Premium Set	95-91	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly		
1	Standard Set	96	E-458X	Std-20-30-40-60	Use w/H816CP piston; 2-1.50MM, 1-4.00MM; Iron		
1	Standard Set	95-91	E-251X	Std-10-20-30-40-60-80	Use w/H654P piston; 2-5/64, 1-3/16; Iron		
1	Standard Set	95-91	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron		
8	Premium Single Cylinder Set	96	WE-458K	Std-20-30-40-60	Use w/WH816CP piston; 2-1.50MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	95-91	WE-251K	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Moly		
8	Premium Single Cylinder Set	95-91	WE-251KC	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Chrome		
8	Premium Single Cylinder Set	95-91	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly		
8	Standard Single Cylinder Set	95-91	WE-251X	Std-20-30-40-60-80	Use w/WH654P piston; 2-5/64, 1-3/16; Iron		
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION		
8	Repair Sleeve	96-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"		
8	Repair Sleeve	96-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-91	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.		
1	Main Set	96-91	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings; Incl. contoured design thrust brg.		
1	Main Set	96-91	7151M 10	10-20-30	.020" O/S length flange brg.		
1	Rod Set	96-91	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings		
1	Rod Set	96-91	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable		
1	Rod Set	96-91	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use		
1	Rod Set	96-91	8-2600CA 60	60	Unplated & resizeable		
8	Rod Pair	96-91	2600A	Std-1-10-20-30	A-Series aluminum bearings		
8	Rod Pair	96-91	2600CP	Std-1-10-20-30			
1	Cam Set	96-91	1204M	Std-10	Babbitt material; Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	96-91	224-41118				
1	Oil Pump	96-91	224-41128		High Volume, check pan for clearance; Incl. inter. shaft		
1	Oil Pump	96-91	224-43370		High Pressure		
1	Inter. Shaft	96-91	224-61118				
1	Screen Assy.	95-91	224-13118				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-91	260-1559		Head bolts not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	96-92	260-2529	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-91	381-8015				
1	Steel Block Plug Kit	96-91	381-4010				
1	Steel Deep Cup Freeze Plug	96-91	381-3038		0.750" Diameter		
1	Steel Deep Cup Freeze Plug	96-91	381-3095		0.500" Diameter		
1	Steel Shallow Cup Freeze Plug	96-91	381-2071		2.156" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-96	Multi-piece oil pan gskt. incl.; Use w/H816CP piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring	205-6215	205-1215	
96-96	Multi-piece oil pan gskt. incl.; Use w/H816CP piston; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring w/Mains	205-6345M	205-1345M	
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring	205-6215	205-1215	
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring w/Mains	205-6345M	205-1345M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-96	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.			Block Kit w/Premium Rings	BK-6157	----	
95-93	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg. Premium valve stem seals incl.; Incl. H606P piston			Block Kit w/Premium Rings	BK-6156	----	
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg. Premium valve stem seals incl.; Incl. H654CP piston			Block Kit w/Premium Rings	BK-6154	----	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. 517P piston			Block Kit w/Premium Rings	BK-6155	----	

Ford Truck (Incl. Minivans and SUV's)

33 (cont.)	1996 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N		33 (cont.)	
KITS				
OVERHAUL KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
96-96	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs	BKP-6157	----
95-93	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. H606P piston	Block Kit w/Oil Pump & Freeze Plugs	BKP-6156	----
95-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. H654P piston	Block Kit w/Oil Pump & Freeze Plugs	BKP-6154	----
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. 517P piston	Block Kit w/Oil Pump & Freeze Plugs	BKP-6155	----
96-96	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-6345C	MKP-1345C
96-96	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-7043	MKP-2043
95-94	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-6345A	MKP-1345A
95-94	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-7042	MKP-2042
93-92	Multi-piece oil pan gskt. incl.; Incl. H654P pistons; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-6253C	MKP-1253C
92-92	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-6215C	MKP-1215C
91-91	Multi-piece oil pan gskt. incl.; Incl. O.E. style pistons; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-6215A	MKP-1215A
91-91	Multi-piece oil pan gskt. incl.; Incl. H654P pistons; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master	MKP-6253A	MKP-1253A
96-96	Multi-piece oil pan gskt. incl.; Use w/H816CP piston; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons	MK-6345A	MK-1345A
96-96	Use w/H816CP piston; Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub	Master w/o Pistons	MK-7042	MK-2042
95-94	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons	MK-6345A	MK-1345A
95-94	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; w/.900" thick cam sprocket hub	Master w/o Pistons	MK-7042	MK-2042
93-92	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons	MK-6215C	MK-1215C
93-92	Multi-piece oil pan gskt. incl.; Use w/H654P piston; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons	MK-6253C	MK-1253C
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons	MK-6215A	MK-1215A
91-91	Multi-piece oil pan gskt. incl.; Use w/H654P piston; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Pistons	MK-6253A	MK-1253A
96-96	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains	505-6345C	505-1345C
96-96	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains	505-7043	505-2043
95-94	Multi-piece oil pan gskt. incl.; Freeze plugs not incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains	505-6345A	505-1345A
95-94	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains	505-7042	505-2042
93-92	Multi-piece oil pan gskt. incl.; Incl. H654P pistons; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	Master w/o Rods & Mains	505-6253C	505-1253C

Ford Truck (Incl. Minivans and SUV's)

33 (cont.)		1996 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code N				33 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
92-92	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6215C	505-1215C	
91-91	Multi-piece oil pan gskt. incl.; Incl. O.E. style pistons; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6215A	505-1215A	
91-91	Multi-piece oil pan gskt. incl.; Incl. H654P pistons; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6253A	505-1253A	
34		2001 - 1996; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code P				34	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	01	KT3-370SA1		Incl. silent type chain, cam & crank sprocket		
1	3 Piece Set	00-96	KT3-163SA1		Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612		
1	3 Piece Set	00-96	KT3-370SA1		Incl. silent type chain, cam & crank sprocket		
1	Timing Chain	01-96	222-370		Silent type; 58 Links		
1	Timing Chain	00-96	222-163		Double rlr.; 58 Links		
1	Crank Sprocket	00-96	223-531		w/rlr. type chain; Double row; Use w/Double rlr. chain; 21 Teeth		
1	Cam Sprocket	01-96	223-818		42 Teeth; Silent type; 42 Teeth		
1	Cam Sprocket	00-96	223-612		w/rlr. type chain; Double row; .900" thick cam sprocket hub; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	01-97	CS-1533		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 197 Exh., 186 Int., 115 Degrees Lobe Separation, 0.446" Exh. Valve Lift, 0.421" Int. Valve Lift		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	01-96	HT-2205	Std Only	Hyd. rlr.		
16	Lifter, Bulk	01-96	HT-2205B	Std Only	Hyd. rlr.; Carton of 122		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	01-97	KC-1533		Hyd. rlr.; (1) 55-403B; (1) CS-1533; (16) HT-2205		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	01-96	RP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.		
16	Push Rod, Bulk	01-96	BRP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	01-96	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount		
16	Arm Assy., Bulk	01-96	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64		
16	Arm	01-96	R-879A	Std Only	Stamped steel; Bolt type mount		
16	Arm	96	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount		
16	Bolt	97-96	MR-1847	Std Only	5/16" X 18 UNC w/Washer		
16	Pivot	01-96	MR-1811	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	01-96	V-4555	Std Only	Chrome plated stem; 1.541" Head Dia., 0.3414" Stem Dia., 5.07" O.A.L.		
8	Exhaust	97-96	V-1961	Std-3-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.		
8	Exhaust, Bulk	97-96	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.		
8	Exhaust, Bulk	97-96	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.		
8	Intake	01-96	V-4500	Std Only	Chrome plated stem; 1.842" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.		
8	Intake	01-96	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.		
8	Intake, Bulk	01-96	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.		
8	Intake, Bulk	01-96	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	96	VG-5032	Std Only	Loc. Exh.; 0.4375" ID, 2.5" O.A.L.		
8	Guide	96	VG-5062	Std Only	Loc. Int.; 0.3735" ID, 2.38" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	01-96	VS-718	Std Only	Loc. Int.; 2.028" Free Height		
8	Spring	01-96	VS-733	Std Only	Loc. Exh.; 1.923" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	01-97	ST-2142	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	96	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
8	Seat	96	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		

Ford Truck (Incl. Minivans and SUV's)

34 (cont.)	2001 - 1996; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code P				34 (cont.)
VALVETRAIN					
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION
8	Seat	96	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth
8	Seat	96	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	01-96	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	01-96	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	01-96	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	01-96	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	96	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	96	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	96	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	96	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	96	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	00-96	RC-140	Std Only	Loc. Exh.
8	Rotocap	00-96	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	00-96	H816CP	Std-20-30-40-60	Use w/E-458K or E-458X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.595 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston - Individual	00-96	WH816CP	Std-20-30-40-60	Use w/WE-458K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.595 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	00-96	E-458K	Std-5-20-30-40-60	Use w/H816CP piston; 2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	00-96	E-458X	Std-20-30-40-60	Use w/H816CP piston; 2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	00-96	WE-458K	Std-20-30-40-60	Use w/WH816CP piston; 2-1.50MM, 1-4.00MM; Premium Moly
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	00-96	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
8	Repair Sleeve	00-96	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	01-96	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.
1	Main Set	01-96	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings ; Incl. contoured design thrust brg.
1	Main Set	01-96	7151M 10	10-20-30	.020" O/S length flange brg.
1	Rod Set	01-96	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings
1	Rod Set	01-96	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable
1	Rod Set	01-96	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use
1	Rod Set	01-96	8-2600CA 60	60	Unplated & resizeable
8	Rod Pair	01-96	2600A	Std-1-10-20-30	A-Series aluminum bearings
8	Rod Pair	01-96	2600CP	Std-1-10-20-30	
1	Cam Set	01-97	1204M	Std-10	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	01-96	224-41118		
1	Oil Pump	01-96	224-41128		High Volume, check pan for clearance; Incl. inter. shaft
1	Oil Pump	01-96	224-43370		High Pressure
1	Inter. Shaft	01-96	224-61118		
1	Screen Assy.	96	224-13118		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
2	Head Bolt Set	01-96	260-2529	Std Only	Replacement required
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	98-96	381-8015		
1	Steel Block Plug Kit	98-96	381-4010		
1	Steel Deep Cup Freeze Plug	98-96	381-3038		0.750" Diameter
1	Steel Deep Cup Freeze Plug	98-96	381-3095		0.500" Diameter
1	Steel Shallow Cup Freeze Plug	98-96	381-2071		2.156" Diameter
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
96-96	Multi-piece oil pan gskt. incl.; Use w/H816CP piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring	205-6215 205-1215
96-96	Multi-piece oil pan gskt. incl.; Use w/H816CP piston; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring w/Mains	205-6345M 205-1345M

Ford Truck (Incl. Minivans and SUV's)

35		1992 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated			35	
Ford Eng.; VIN Code Y						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	92-91	KT3-163SA1		Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612	
1	3 Piece Set	92-91	KT3-370SA1		Incl. silent type chain, cam & crank sprocket	
1	Timing Set w/Gaskets	92-91	CTS-2002		Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	
1	Timing Chain	92-91	222-163		Double rlr.; 58 Links	
1	Timing Chain	92-91	222-370		Silent type; 58 Links	
1	Crank Sprocket	92-91	223-531		w/rlr. type chain; Double row; Use w/Double rlr. chain; 21 Teeth	
1	Cam Sprocket	92-91	223-612		w/rlr. type chain; Double row; .900" thick cam sprocket hub; 42 Teeth	
1	Cam Sprocket	92-91	223-818		42 Teeth; Silent type; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	91	CS-668		Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 183 Int., 108 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	92	HT-2205	Std Only	Hyd. rlr.	
16	Lifter	91	HT-900	Std Only	Hyd.	
16	Lifter	91	HT-900R	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.	
16	Lifter, Bulk	92	HT-2205B	Std Only	Hyd. rlr.; Carton of 122	
16	Lifter, Bulk	91	HT-900B	Std Only	Hyd.; Carton of 122	
16	Lifter, Bulk	91	HT-900RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.; Carton of 122	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	91	KC-668		Hyd.; (1) 55-403B; (1) CS-668; (16) HT-900	
1	Cam/Lifter/Timing Kit	91	KCT-668A		Hyd.; Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 55-403B; (1) CS-668; (16) HT-900; (1) KT3-163SA1	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	92	RP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; 6.25" O.A.L.	
16	Push Rod	91	RP-3167	Std Only	6.876" O.A.L.	
16	Push Rod	91	RP-3223R	Std Only	Chrome-Moly; 6.885" O.A.L.	
16	Push Rod, Bulk	92	BRP-3241	Std Only	w/rlr. lifters; Replaces E7AZ6565A, can be installed either side up; Carton of 100; 6.25" O.A.L.	
16	Push Rod, Bulk	91	BRP-3167	Std Only	Carton of 100; 6.876" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm Assy.	92-91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount	
16	Arm Assy., Bulk	92-91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64	
16	Arm	92-91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount	
16	Arm	92-91	R-879A	Std Only	Stamped steel; Bolt type mount	
16	Bolt	92-91	MR-1847	Std Only	5/16" X 18 UNC w/Washer	
16	Pivot	92-91	MR-1811	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	92-91	V-1961	Std-3-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.	
8	Exhaust, Bulk	92-91	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.	
8	Exhaust, Bulk	92-91	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.	
8	Intake	92-91	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.	
8	Intake, Bulk	92-91	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.	
8	Intake, Bulk	92-91	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	92-91	VG-5032	Std Only	Loc. Exh.; 0.4375" ID, 2.5" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	92-91	VS-718	Std Only	Loc. Int.; 2.028" Free Height	
8	Spring	92-91	VS-733	Std Only	Loc. Exh.; 1.923" Free Height	
8	Spring	91	VS-661	Std Only	Loc. Int.; Incl. damper; 2.046" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	92-91	ST-2001	Std Only	Use w/O.E. guide; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE	
16	Valve Stem Seal Bulk	92-91	ST-2001BC	Std Only	Use w/O.E. guide; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	92-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	92-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	92-91	245-1875-1	Std Only	Loc. Int.; 1.881" OD, 1.61" ID, 0.2485" Depth	
8	Seat	92-91	245-1875-1N	Std Only	Loc. Int.; Premium Material; 1.881" OD, 1.61" ID, 0.2485" Depth	

Ford Truck (Incl. Minivans and SUV's)

35 (cont.)	1992 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y				35 (cont.)
VALVETRAIN					
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	92-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	92-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	92-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	92-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	92-91	259-102A	Std Only	.060"; Carton of 100
16	Spring Insert	92-91	259-102ARS	Std Only	.060"; Carton of 500
16	Spring Insert	92-91	259-102B	Std Only	.030"; Carton of 100
16	Spring Insert	92-91	259-102C	Std Only	.015"; Carton of 100
16	Spring Insert	92-91	259-502A	Std Only	.060"; Carton of 50; O/S O.D. 1.542"
8	Rotocap	92-91	RC-140	Std Only	Loc. Exh.
8	Rotocap	92-91	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	92-91	517CP	Std-20-30-40-60	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.
8	Cast Piston	92-91	517P 40	40	Cast; When depleted use 517CP 40; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.; Superseded - When depleted use 517CP 40
8	Cast Piston	92-91	H654CP	Std-20-30-40-60	Hypereutectic; Use w/E-251KC, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
8	Cast Piston - Individual	92-91	W517CP	Std-20-30-40-60	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.
8	Cast Piston - Individual	92-91	W517P 40	40	Cast; When depleted use W517CP 40; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.; Superseded - When depleted use W517CP 40
8	Cast Piston - Individual	92-91	WH654CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8K517CP 30	30-40-60	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.599 CD, Recessed Head .032 deep x 2.500 dia., 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8KH654CP 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.599 CD, Recessed Head .030 deep x 2.500 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	92-91	E-251K	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	92-91	E-251KC	Std-10-20-30-40-60	Use w/H654P piston; 2-5/64, 1-3/16; Premium Chrome
1	Premium Set	92-91	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	92-91	E-251X	Std-10-20-30-40-60-80	Use w/H654P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	92-91	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	92-91	WE-251K	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	92-91	WE-251KC	Std-20-30-40-60	Use w/WH654P piston; 2-5/64, 1-3/16; Premium Chrome
8	Premium Single Cylinder Set	92-91	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
8	Standard Single Cylinder Set	92-91	WE-251X	Std-20-30-40-60-80	Use w/WH654P piston; 2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	92-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
8	Repair Sleeve	92-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	92-91	4125M	Std-1-10-20-30-40	Incl. contoured design thrust brg.
1	Main Set	92-91	4125MA	Std-1-10-20-30-40-60	A-Series aluminum bearings ; Incl. contoured design thrust brg.
1	Main Set	92-91	7151M 10	10-20-30	.020" O/S length flange brg.
1	Rod Set	92-91	8-2600A	Std-1-10-20-30-40-60	A-Series aluminum bearings
1	Rod Set	92-91	8-2600CP	Std-1-10-20-30-40	8-2600CA 60 avail. as unplated & resizeable
1	Rod Set	92-91	8-2600CP 10X2	10X2	Use in .002" O/S Rod Bore; Superseded - When depleted use
1	Rod Set	92-91	8-2600CA 60	60	Unplated & resizeable
8	Rod Pair	92-91	2600A	Std-1-10-20-30	A-Series aluminum bearings
8	Rod Pair	92-91	2600CP	Std-1-10-20-30	
1	Cam Set	92-91	1204M	Std-10	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	92-91	224-41118		
1	Oil Pump	92-91	224-41128		High Volume, check pan for clearance; Incl. inter. shaft
1	Oil Pump	92-91	224-43370		High Pressure
1	Inter. Shaft	92-91	224-61118		
1	Screen Assy.	92-91	224-13118		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	92-91	260-1559		Head bolts not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.

Ford Truck (Incl. Minivans and SUV's)

35 (cont.)		1992 - 1991; 5.0L 302 OHV V8 (16 Valve), 4" Bore; MFI; Gasoline; Naturally Aspirated				35 (cont.)	
Ford Eng.; VIN Code Y							
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
2	Head Bolt Set	92	260-2529	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8015				
1	Steel Block Plug Kit	92-91	381-4010				
1	Steel Deep Cup Freeze Plug	92-91	381-3038		0.750" Diameter		
1	Steel Deep Cup Freeze Plug	92-91	381-3095		0.500" Diameter		
1	Steel Shallow Cup Freeze Plug	92-91	381-2071		2.156" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring	205-6215	205-1215	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring w/Mains	205-6345M	205-1345M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
91-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Pistons	MK-6215A	MK-1215A	
91-91	Multi-piece oil pan gskt. incl.; Use w/H654P piston; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Pistons	MK-6253A	MK-1253A	
91-91	Multi-piece oil pan gskt. incl.; Incl. O.E. style pistons; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6215A	505-1215A	
91-91	Multi-piece oil pan gskt. incl.; Incl. H654P pistons; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6253A	505-1253A	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg. Premium valve stem seals incl.; Incl. H654CP piston			Block Kit w/Premium Rings	BK-6154	----	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. 517P piston			Block Kit w/Premium Rings	BK-6155	----	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. H654P piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6154	----	
92-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. 517P piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6155	----	
91-91	Multi-piece oil pan gskt. incl.; Incl. O.E. style pistons; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master	MKP-6215A	MKP-1215A	
91-91	Multi-piece oil pan gskt. incl.; Incl. H654P pistons; Incl. A-Series aluminum bearings; Incl. contoured design thrust brg.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master	MKP-6253A	MKP-1253A	
36		2004 - 1999; 5.4L 330 (5408cc) DOHC V8 (32 Valve), 90.2mm Bore Intech Windsor; MFI;				36	
Gasoline; Naturally Aspirated Ford Eng.; VIN Code A							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
2	Timing Chain	04-99	222-189		Secondary; 44 Links		
2	Timing Chain	04-99	222-391		Primary Chain; 122 Links		
1	Timing Chain Tensioner	04-03	222-368CT		Loc. L.H.		
1	Timing Chain Tensioner	04-03	222-369CT		Loc. R.H.		
1	Timing Chain Tensioner	02-99	222-366CT		Loc. L.H.		
1	Timing Chain Tensioner	02-99	222-367CT		Loc. R.H.		
1	Crank Sprocket	04-01	223-869		21 teeth		
1	Crank Sprocket	00-99	223-843		21 Teeth; 1-Piece design		
4	Cam Sprocket	04-99	223-790A		Secondary; 20 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
32	Lifter	04-99	HT-2271	Std Only	Hyd. lash adj.		
32	Lifter, Bulk	04-99	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
32	Arm	04-99	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
16	Exhaust	04-99	V-4479	Std Only	Chrome plated stem; 1.181" Head Dia., 0.274" Stem Dia., 4.578" O.A.L.		
16	Intake	04-99	V-4480	Std Only	Chrome plated stem; 1.456" Head Dia., 0.275" Stem Dia., 5.337" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
32	Guide	04-99	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		

Ford Truck (Incl. Minivans and SUV's)

36 (cont.)	2004 - 1999; 5.4L 330 (5408cc) DOHC V8 (32 Valve), 90.2mm Bore Intech Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A				36 (cont.)
VALVETRAIN					
QTY	VALVE SPRING (cont.)	YEARS	PART NO.		DESCRIPTION
32	Spring	04-99	VS-1631	Std Only	Loc. Int. & Exh.; 1.66" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
32	Valve Stem Seal	04-99	ST-2141	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Pin Bushing	04-99	1989YA		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04-99	7296MA	Std.-25-50-75-1.00MM	A-Series aluminum bearings
1	Rod Set	04-99	8-1985A	Std.-25-50-75MM	A-Series aluminum bearings
1	Rod Set	04-99	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	04-99	1985A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	04-99	381-8213		
37	2005 - 2002; 5.4L 330 (5408cc) DOHC V8 (32 Valve), 90.2mm Bore Intech Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R				37
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
2	Timing Chain	05-02	222-189		Secondary; 44 Links
2	Timing Chain	05-02	222-391		Primary Chain; 122 Links
1	Timing Chain Tensioner	05-03	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	05-03	222-369CT		Loc. R.H.
1	Crank Sprocket	05-02	223-869		21 teeth
4	Cam Sprocket	05-02	223-790A		Secondary; 20 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
32	Lifter	05-02	HT-2271	Std Only	Hyd. lash adj.
32	Lifter, Bulk	05-02	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
32	Arm	05-02	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
16	Exhaust	04-02	V-4479	Std Only	Chrome plated stem; 1.181" Head Dia., 0.274" Stem Dia., 4.578" O.A.L.
16	Intake	04-02	V-4480	Std Only	Chrome plated stem; 1.456" Head Dia., 0.275" Stem Dia., 5.337" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
32	Guide	05-02	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
32	Spring	05-02	VS-1631	Std Only	Loc. Int. & Exh.; 1.66" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
32	Valve Stem Seal	05-02	ST-2141	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Pin Bushing	04-02	1989YA		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04-02	7296MA	Std.-25-50-75-1.00MM	A-Series aluminum bearings
1	Rod Set	04-02	8-1985A	Std.-25-50-75MM	A-Series aluminum bearings
1	Rod Set	04-02	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	04-02	1985A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	05-02	381-8213		
38	2004 - 1999; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Supercharged Ford Eng.; VIN Code 3				38
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Complete Set	00-99	KT-4007S		Incl. sprockets, chains, tensioners, arms & guides
1	Timing Chain	04-99	222-391		Primary Chain; 122 Links
1	Timing Chain Tensioner	04-02	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	04-02	222-369CT		Loc. R.H.
1	Timing Chain Tensioner	04-99	222-370CT		Loc. L.H.; Tensioner Arm
1	Timing Chain Tensioner	04-99	222-371CT		Loc. R.H.; Tensioner Arm
1	Timing Chain Tensioner	01-99	222-366CT		Loc. L.H.
1	Timing Chain Tensioner	01-99	222-367CT		Loc. R.H.
1	Timing Chain Guide	04-99	222-374GP		Loc. L.H.
1	Timing Chain Guide	04-99	222-375GP		Loc. R.H.

Ford Truck (Incl. Minivans and SUV's)

38 (cont.)		2004 - 1999; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Supercharged Ford Eng.; VIN Code 3				38 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Crank Sprocket	04-01	223-869		21 teeth		
1	Crank Sprocket	00-99	223-843		21 Teeth; 1-Piece design		
1	Cam Sprocket	04-99	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-99	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	03-99	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	03-99	V-4603	Std Only	Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.		
8	Intake	03-99	V-4602	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	03-99	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	04-03	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	03-99	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	03-99	VK-287	Std Only	3 groove; w/2750 Stem Dia.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-99	7296MA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings		
1	Main Set	04-99	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Main Set	04-99	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-99	224-43498		Use w/13/16" inlet tube screen		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	04-99	381-8213				
39		2011 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				39	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	00-97	KT-4007S		Incl. sprockets, chains, tensioners, arms & guides		
1	Timing Chain	11-98	222-391		Primary Chain; 122 Links		
1	Timing Chain	99-98	222-387		2 Req'd; 116 Links		
1	Timing Chain Tensioner	11-02	222-368CT		Loc. L.H.		
1	Timing Chain Tensioner	11-02	222-369CT		Loc. R.H.		
1	Timing Chain Tensioner	11-97	222-370CT		Loc. L.H.; Tensioner Arm		
1	Timing Chain Tensioner	11-97	222-371CT		Loc. R.H.; Tensioner Arm		
1	Timing Chain Tensioner	01-97	222-366CT		Loc. L.H.		
1	Timing Chain Tensioner	01-97	222-367CT		Loc. R.H.		
1	Timing Chain Guide	11-97	222-375GP		Loc. R.H.		
1	Timing Chain Guide	07-98	222-374GP		Loc. L.H.		
1	Crank Sprocket	11-01	223-869		21 teeth		
1	Crank Sprocket	00-97	223-843		21 Teeth; 1-Piece design		
1	Cam Sprocket	11-97	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-97	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	11-97	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	11-97	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	11-97	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	11-99	V-4605X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.		
8	Exhaust	09-99	V-4603	Std Only	Unleaded fuel; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.		
8	Exhaust	00-97	V-2656	Std Only	Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.		
8	Intake	11-99	V-4600X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.		
8	Intake	09-99	V-4602	Std Only	Unleaded fuel; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.		
8	Intake	05	V-4602	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.		
8	Intake	00-97	V-3956	Std-15	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	05	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.		

Ford Truck (Incl. Minivans and SUV's)

39 (cont.)	2011 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				39 (cont.)
VALVETRAIN					
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION
16	Guide	04-97	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	10-08	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	07-06	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	05	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	04	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	03	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	05	ST-2140	Std Only	Positive type; (VTN) Viton®
16	Valve Stem Seal	04-03	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
16	Valve Stem Seal	02-01	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
16	Valve Stem Seal	00-99	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	11-97	VK-287	Std Only	3 groove; w/.2750 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	05-97	H829CP	Std-50-.75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston	05-97	H877CP	Std-50-.75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston - Individual	05-97	WH829CP	Std-50-.75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston - Individual	05-97	WH877CP	Std-50-.75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
1	Cast Piston Set w/Prem. Rings	04-97	8KH829CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 21.996mm Pin Dia.
8	Pin Bushing	05-97	1989YA		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05-97	E-916K	Std-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	05-97	WE-916K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-97	7296MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	05-97	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
1	Main Set	05-97	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length
1	Main Set	03-97	153M	Std-.026-.026X-.25MM	Race Performance
1	Thrust Washer Set	04-97	4507F	Std Only	New Part Number - Check for Availability
1	Rod Set	05-97	8-1985A	Std-.25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	05-97	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-97	8-7250CH	Std-.026-.026X-.25MM	Race Performance
8	Rod Pair	05-97	1985A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	10-97	224-43498		Use w/13/16" inlet tube screen
1	Screen Assy.	03-02	224-15066		
1	Screen Assy.	01	224-15066		
1	Screen Assy.	00	224-15066		
1	Screen Assy.	99-97	224-15066		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	08-06	260-1922		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design
1	Kit Gasket Set	05	260-1902		Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	05	260-1922		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design
1	Kit Gasket Set	04	260-1902		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	04	260-1902		From 05/21/04; Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	04	260-1902		To 05/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	04	260-1902		From 04/21/04; Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.

Ford Truck (Incl. Minivans and SUV's)

39 (cont.)		2011 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				39 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	04	260-1902	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	04	260-1922	From 04/21/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	04	260-1922	To 04/20/04; Valve cover gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	03-00	260-1902	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	99	260-1923	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	99	260-1924	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	98-97	260-1923	From 07/21/97; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	98-97	260-1925	To 07/20/97; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	08-97	260-2517	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	09-99	381-8213				
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
05-05	Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 5/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 4/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
05-05	Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 5/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 4/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
04-04	To 5/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6165	----	
04-04	To 4/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6165	----	
04-04	To 5/20/04; Non-Power Improved Eng.s.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6166	----	

Ford Truck (Incl. Minivans and SUV's)

39 (cont.)	2011 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code L				39 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
04-04	To 4/20/04; Non-Power Improved Eng.s; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6166	----
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6165	----
03-00	Non-Power Improved Eng.s; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6166	----
40					
2009 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Natural Gas; Naturally Aspirated Ford Eng.; VIN Code M					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	00-97	KT-4007S	Incl. sprockets, chains, tensioners, arms & guides	
1	Timing Chain	07-98	222-391	Primary Chain; 122 Links	
1	Timing Chain Tensioner	07-02	222-368CT	Loc. L.H.	
1	Timing Chain Tensioner	07-02	222-369CT	Loc. R.H.	
1	Timing Chain Tensioner	07-97	222-370CT	Loc. L.H.; Tensioner Arm	
1	Timing Chain Tensioner	07-97	222-371CT	Loc. R.H.; Tensioner Arm	
1	Timing Chain Tensioner	01-97	222-366CT	Loc. L.H.	
1	Timing Chain Tensioner	01-97	222-367CT	Loc. R.H.	
1	Timing Chain Guide	07-98	222-374GP	Loc. L.H.	
1	Timing Chain Guide	07-97	222-375GP	Loc. R.H.	
1	Crank Sprocket	07-01	223-869	21 teeth	
1	Crank Sprocket	00-97	223-843	21 Teeth; 1-Piece design	
1	Cam Sprocket	04-97	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-97	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	05-04	HT-2271	Std Only	Hyd. lash adj.
16	Lifter	03	HT-2271	Std Only	Hyd. lash adj.
16	Lifter	02-01	HT-2271	Std Only	Hyd. lash adj.
16	Lifter	00-99	HT-2271	Std Only	Hyd. lash adj.
16	Lifter	98-97	HT-2271	Std Only	Hyd. lash adj.
16	Lifter, Bulk	05-04	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
16	Lifter, Bulk	03	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
16	Lifter, Bulk	02-01	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
16	Lifter, Bulk	00-99	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
16	Lifter, Bulk	98-97	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm	05	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	04-99	V-4498X	Std Only	Use w/XC2E-6049-DA Head; Chrome plated stem; Stellite face; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.
8	Intake	05	V-4602	Std Only	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
8	Intake	04-99	V-4601X	Std Only	Use w/XC2E-6049-DA Head; RWD; Under 8500 GVW; w/oil cooler; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	05	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	05	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	04	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	03	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	05	ST-2140	Std Only	Positive type; (VTN) Viton®
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Pin Bushing	05-97	1989YA		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05-97	E-916K	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	05-97	WE-916K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-97	7296MA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	05-97	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
1	Main Set	05-97	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length
1	Thrust Washer Set	98-97	4507F	Std Only	New Part Number - Check for Availability

Ford Truck (Incl. Minivans and SUV's)

40 (cont.)		2009 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Natural Gas; Naturally Aspirated Ford Eng.; VIN Code M				40 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	05-97	8-1985A	Std.-25-50-.75MM	A-Series aluminum bearings		
8	Rod Pair	05-97	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	05-97	224-43498		Use w/13/16" inlet tube screen		
1	Screen Assy.	05	224-15066				
1	Screen Assy.	04	224-15066				
1	Screen Assy.	03-01	224-15066				
1	Screen Assy.	00	224-15066				
1	Screen Assy.	99-97	224-15066				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-06	260-1902		Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	08-06	260-1922		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	05	260-1902		Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	05	260-1922		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	04	260-1902		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	04	260-1902		From 04/21/04; Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	04	260-1902		To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	04	260-1922		From 04/21/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	04	260-1922		To 04/20/04; Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	03-00	260-1902		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1923		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	99	260-1924		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	98-97	260-1923		From 07/21/97; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	98-97	260-1925		To 07/20/97; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	08-97	260-2517	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	09-99	381-8213				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
05-05	Head bolts not incl.; Valve cover gsks. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gsks. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
05-05	Head bolts not incl.; Valve cover gsks. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gsks. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	

Ford Truck (Incl. Minivans and SUV's)

41	2004 - 2001; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				41
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Cam Sprocket	04-01	223-764	Loc. L.H.; 42 teeth; 42 Teeth	
1	Cam Sprocket	04-01	223-766	Loc. R.H.; 42 teeth; 42 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	04-01	HT-2271	Std Only	Hyd. lash adj.
16	Lifter, Bulk	04-01	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm	04-01	R-1096	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	04-01	V-4603	Std Only	Unleaded fuel; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.
8	Exhaust	04-01	V-4605X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.
8	Intake	04-01	V-4600X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
8	Intake	04-01	V-4602	Std Only	Unleaded fuel; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	04-01	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	04-03	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
16	Keeper	04-01	VK-287	Std Only	3 groove; w/.2750 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	04-01	H829CP	Std.-50-.75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston	04-01	H877CP	Std.-50-.75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston - Individual	04-01	WH829CP	Std.-50-.75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston - Individual	04-01	WH877CP	Std.-50-.75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
1	Cast Piston Set w/Prem. Rings	04-01	8KH829CP .50MM	.50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 21.996mm Pin Dia.
8	Pin Bushing	04-01	1989YA		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	04-01	E-916K	Std.-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	04-01	WE-916K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	04-01	7296MA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	04-01	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
1	Main Set	04-01	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length
1	Main Set	03-01	153M	Std.-026-.026X-.25MM	Race Performance
1	Thrust Washer Set	04-01	4507F	Std Only	New Part Number - Check for Availability
1	Rod Set	04-01	8-1985A	Std.-25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	04-01	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
8	Rod Pair	04-01	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	04-01	224-43498	Use w/13/16" inlet tube screen	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	04	260-1902	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04	260-1902	From 05/21/04; Valve cover gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04	260-1902	To 05/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04	260-1902	From 04/21/04; Valve cover gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04	260-1902	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

Ford Truck (Incl. Minivans and SUV's)

41 (cont.)		2004 - 2001; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code W				41 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	04	260-1922	From 04/21/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	04	260-1922	To 04/20/04; Valve cover gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	03-01	260-1902	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	04-01	260-2517	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	04-01	381-8213				
KITS							
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.		
YEARS	DESCRIPTION						
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	From 05/21/04; Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 05/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
03-01	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	From 05/21/04; Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 05/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gskts. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
03-01	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
42							
42		2009 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				42	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Complete Set	00-97	KT-4007S	Incl. sprockets, chains, tensioners, arms & guides			
1	Timing Chain	07-98	222-391	Primary Chain; 122 Links			
1	Timing Chain Tensioner	07-02	222-368CT	Loc. L.H.			
1	Timing Chain Tensioner	07-02	222-369CT	Loc. R.H.			
1	Timing Chain Tensioner	07-97	222-370CT	Loc. L.H.; Tensioner Arm			
1	Timing Chain Tensioner	07-97	222-371CT	Loc. R.H.; Tensioner Arm			
1	Timing Chain Tensioner	01-97	222-366CT	Loc. L.H.			
1	Timing Chain Tensioner	01-97	222-367CT	Loc. R.H.			
1	Timing Chain Guide	07-98	222-374GP	Loc. L.H.			
1	Timing Chain Guide	07-97	222-375GP	Loc. R.H.			
1	Crank Sprocket	07-01	223-869	21 teeth			
1	Crank Sprocket	00-97	223-843	21 Teeth; 1-Piece design			
1	Cam Sprocket	04-97	223-764	Loc. L.H.; 42 teeth; 42 Teeth			
1	Cam Sprocket	04-97	223-766	Loc. R.H.; 42 teeth; 42 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
16	Lifter	04-97	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	04-97	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
16	Arm	04-97	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	04-99	V-4603	Std Only	Unleaded fuel; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.		
8	Exhaust	04-99	V-4605X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.		
8	Exhaust	00-97	V-2656	Std Only	Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.		

Ford Truck (Incl. Minivans and SUV's)

42 (cont.)	2009 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				42 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
8	Intake	04-99	V-4600X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
8	Intake	04-99	V-4602	Std Only	Unleaded fuel; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
8	Intake	00-97	V-3956	Std-15	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	04-97	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	04	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
16	Spring	03	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	04-03	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	04-97	VK-287	Std Only	3 groove; w/.2750 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	05-02	H877CP	Std-50-75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston	05-97	H829CP	Std-50-75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston	01	H877CP	Std-50-75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston	01	H877CP	Std-50-75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston	00-97	H877CP	Std-50-75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
8	Cast Piston - Individual	05-97	WH829CP	Std-50-75-1.00-1.50MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 0.866" Pin Dia.
8	Cast Piston - Individual	05-97	WH877CP	Std-50-75-1.00-1.50MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
1	Cast Piston Set w/Prem. Rings	04-97	8KH829CP .50MM	.50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 2.700 dia.; DUROSHIELD® skirt coated piston, 21.996mm Pin Dia.
8	Pin Bushing	05-97	1989YA		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05-97	E-916K	Std-50-75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	05-97	WE-916K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-97	7296MA	Std-25-50-75-1.00MM	A-Series aluminum bearings
1	Main Set	05-97	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
1	Main Set	05-97	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length
1	Main Set	03-97	153M	Std-.026-.026X-.25MM	Race Performance
1	Thrust Washer Set	04-97	4507F	Std Only	New Part Number - Check for Availability
1	Rod Set	05-97	8-1985A	Std-25-50-75MM	A-Series aluminum bearings
1	Rod Set	05-97	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-97	8-7250CH	Std-.026-.026X-.25MM	Race Performance
8	Rod Pair	05-97	1985A	Std-.026-.25-50-75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	06-97	224-43498		Use w/13/16" inlet tube screen
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	08-05	260-1922		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design
1	Kit Gasket Set	04	260-1902		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	04	260-1902		From 04/21/04; Valve cover gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	04	260-1902		To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

Ford Truck (Incl. Minivans and SUV's)

42 (cont.)		2009 - 1997; 5.4L 330 (5408cc) SOHC V8 (16 Valve), 90.2mm Bore Triton Windsor; MFI; Bi-Fuel; Naturally Aspirated Ford Eng.; VIN Code Z				42 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	04	260-1922		From 04/21/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	04	260-1922		To 04/20/04; Valve cover gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	03-00	260-1902		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1923		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	99	260-1924		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	98-97	260-1923		From 07/21/97; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Consolidated design		
1	Kit Gasket Set	98-97	260-1925		To 07/20/97; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	08-97	260-2517	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	09-99	381-8213				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gsks. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6953	----	
04-04	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	From 04/21/04; Head bolts not incl.; Valve cover gsks. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
04-04	To 04/20/04; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6953M	----	
43		2011 - 2009; 5.4L 330 (5408cc) SOHC V8 (24 Valve), 90.2mm Bore Triton Windsor; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code 5				43	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	11-09	HT-2305	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	11-09	V-4686	Std Only	Inconel X-751; Chrome plated stem; Premium Material; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.		
12	Intake	11-09	V-4685	Std Only	Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	11-09	VK-288	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	11-09	E-916K	Std-50-75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	11-09	7296MA	Std-25-50-75-1.00MM	A-Series aluminum bearings		
1	Rod Set	11-09	8-1985A	Std-25-50-75MM	A-Series aluminum bearings		
8	Rod Pair	11-09	1985A	Std-.026-.25-50-75-1.00MM	A-Series aluminum bearings		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	09	381-8213				
44		2011 - 2004; 5.4L 330 (5408cc) SOHC V8 (24 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 5				44	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	11-04	222-391		Primary Chain; 122 Links		
1	Timing Chain	05	222-387		2 Req'd; 116 Links		

Ford Truck (Incl. Minivans and SUV's)

44 (cont.)	2011 - 2004; 5.4L 330 (5408cc) SOHC V8 (24 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 5				44 (cont.)
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION
1	Timing Chain Tensioner	11-04	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	11-04	222-369CT		Loc. R.H.
1	Timing Chain Tensioner	11-04	222-370CT		Loc. L.H.; Tensioner Arm
1	Timing Chain Tensioner	11-04	222-371CT		Loc. R.H.; Tensioner Arm
1	Timing Chain Guide	11-04	222-374GP		Loc. L.H.
1	Timing Chain Guide	11-04	222-375GP		Loc. R.H.
1	Crank Sprocket	11-05	223-869		21 teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	11-09	HT-2305	Std Only	
24	Lifter	08	HT-2305	Std Only	
24	Lifter	08	HT-2305	Std Only	From 08/02/04
24	Lifter	07	HT-2305	Std Only	
24	Lifter	07	HT-2305	Std Only	From 08/02/04
24	Lifter	06	HT-2305	Std Only	
24	Lifter	06	HT-2305	Std Only	
24	Lifter	06	HT-2305	Std Only	From 08/02/04
24	Lifter	06	HT-2305	Std Only	
24	Lifter	06	HT-2305	Std Only	From 08/02/04
24	Lifter	05	HT-2305	Std Only	From 08/02/04
24	Lifter	04	HT-2304	Std Only	To 8/22/04
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	11-04	V-4686	Std Only	Inconel X-751; Chrome plated stem; Premium Material; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.
8	Exhaust	08-04	V-4708	Std Only	Chrome plated stem; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.
16	Intake	11-04	V-4685	Std Only	Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
48	Keeper	11-04	VK-288	Std Only	Loc. Int. & Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	08-04	H1126CT	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on head and in top compression groove, 22.001mm Pin Dia.
8	Pin Bushing	05	1989YA		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	10-04	E-916K	Std-50-.75-1.00-1.50MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	10-04	WE-916K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05	7402MA .25MM	.25MM	A-Series aluminum bearings; .25MM O/S thrust length
1	Main Set	10-04	7296MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	10-04	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
1	Rod Set	10-04	8-1985A	Std-.25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	10-04	8-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
8	Rod Pair	10-04	1985A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	09-04	224-43663		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	08-07	260-1977		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design
1	Kit Gasket Set	06-04	260-1976		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design
2	Head Bolt Set	08-04	260-2517	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	09-04	381-8213		
45	2009 - 2008; 5.4L 330 (5408cc) SOHC V8 (24 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Supercharged Ford Eng.; VIN Code 5				45
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	08	HT-2305	Std Only	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	08	7296MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	08	7296MA 25X2	25X2-50X2	A-Series aluminum bearings; w/.002" O/S OD
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
2	Head Bolt Set	08	260-2517	Std Only	Replacement recommended

Ford Truck (Incl. Minivans and SUV's)

45 (cont.)		2009 - 2008; 5.4L 330 (5408cc) SOHC V8 (24 Valve), 90.2mm Bore Triton Windsor; MFI; Gasoline; Supercharged Ford Eng.; VIN Code 5				45 (cont.)	
BLOCK							
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	09-08	381-8213				
46		2010 - 2006; 5.4L 330 (5408cc) SOHC V8 (24 Valve), 90.2mm Bore Triton Windsor; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code V				46	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Chain	10-06	222-391	Primary Chain; 122 Links			
1	Timing Chain Tensioner	10-06	222-368CT	Loc. L.H.			
1	Timing Chain Tensioner	10-06	222-369CT	Loc. R.H.			
1	Timing Chain Tensioner	10-06	222-370CT	Loc. L.H.; Tensioner Arm			
1	Timing Chain Tensioner	10-06	222-371CT	Loc. R.H.; Tensioner Arm			
1	Timing Chain Guide	10-06	222-374GP	Loc. L.H.			
1	Timing Chain Guide	10-06	222-375GP	Loc. R.H.			
1	Crank Sprocket	10-06	223-869	21 teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
24	Lifter	10-06	HT-2305	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	10-06	V-4708	Std Only Chrome plated stem; 1.476" Head Dia., 0.2346" Stem Dia., 4.583" O.A.L.			
16	Intake	10-06	V-4685	Std Only Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.			
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
48	Keeper	10-06	VK-288	Std Only Loc. Int. & Exh.			
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
8	Cast Piston	07-06	H1126CT	Std-50-75-1.00-1.50MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on head and in top compression groove, 22.001mm Pin Dia.			
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	10-06	E-916K	Std-50-75-1.00-1.50MM 2-1.50MM, 1-3.00MM; Premium Moly			
8	Premium Single Cylinder Set	10-06	WE-916K	Std-50-75MM 2-1.50MM, 1-3.00MM; Premium Moly			
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	10-06	7296MA	Std-25-50-75-1.00MM A-Series aluminum bearings			
1	Main Set	10-06	7296MA 25X2	25X2-50X2 A-Series aluminum bearings; w/.002" O/S OD			
1	Rod Set	10-06	8-1985A	Std-25-50-75MM A-Series aluminum bearings			
8	Rod Pair	10-06	1985A	Std-.026-.25-.50-.75-1.00 MM A-Series aluminum bearings			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	09-06	224-43663				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	08-07	260-1977	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
1	Kit Gasket Set	06	260-1976	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design			
2	Head Bolt Set	09-06	260-2517	Std Only Replacement recommended			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	09-06	381-8213				
47		1998 - 1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H				47	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	97-94	KT3-370SA1	Incl. silent type chain, cam & crank sprocket			
1	3 Piece Set	97-91	KT3-163SA1	Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612			
1	Timing Set w/Gaskets	97-91	CTS-2002	Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			
1	Timing Chain	97-94	222-370	Silent type; 58 Links			
1	Timing Chain	97-91	222-163	Double rlr.; 58 Links			
1	Crank Sprocket	97-91	223-531	w/rlr. type chain; Double row; Use w/Double rlr. chain; 21 Teeth			
1	Cam Sprocket	97-94	223-818	42 Teeth; Silent type; 42 Teeth			
1	Cam Sprocket	97-91	223-612	w/rlr. type chain; Double row; .900" thick cam sprocket hub; 42 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	97-94	CS-1533	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 197 Exh., 186 Int., 115 Degrees Lobe Separation, 0.446" Exh. Valve Lift, 0.421" Int. Valve Lift			
1	Camshaft	93-91	CS-764	Hydraulic, (050) Duration at .050 Lobe Lift, 221 Exh., 206 Int., 115 Degrees Lobe Separation			
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.			

Ford Truck (Incl. Minivans and SUV's)

47 (cont.)	1998 - 1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H				47 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
1	PreLube		55-403	Std Only	1.5 oz. packet
16	Lifter	97-94	HT-2205	Std Only	Hyd. rlr.
16	Lifter	96-91	HT-900R	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.
16	Lifter	93-91	HT-900	Std Only	Hyd.
16	Lifter, Bulk	97-94	HT-2205B	Std Only	Hyd. rlr.; Carton of 122
16	Lifter, Bulk	96-91	HT-900RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.; Carton of 122
16	Lifter, Bulk	93-91	HT-900B	Std Only	Hyd.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	97-94	KC-1533		Hyd. rlr.; (1) 55-403B; (1) CS-1533; (16) HT-2205
1	Cam/Lifter Kit	93-91	KC-764		Hyd.; (1) 55-403B; (1) CS-764; (16) HT-900
1	Cam/Lifter/Timing Kit	93-91	KCT-764C		Hyd.; Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 55-403B; (1) CS-764; (16) HT-900; (1) KT3-163SA1
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	97	RP-3209	Std Only	8.182" O.A.L.
16	Push Rod	97-94	RP-3278	Std Only	Hole through rod; 7.523" O.A.L.
16	Push Rod	94-91	RP-3323R	Std Only	Chrome-Moly; 8.182" O.A.L.
16	Push Rod	93-91	RP-3209	Std Only	8.182" O.A.L.
16	Push Rod, Bulk	97	BRP-3209	Std Only	Carton of 100; 8.182" O.A.L.
16	Push Rod, Bulk	93-91	BRP-3209	Std Only	Carton of 100; 8.182" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm Assy.	95-91	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount
16	Arm Assy., Bulk	95-91	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64
16	Arm	95-91	R-1091R	Std Only	Speed-Pro Stamped Steel w/rlr. tip; 1.6:1 ratio; Fits bolt type mount
16	Arm	95-91	R-879A	Std Only	Stamped steel; Bolt type mount
16	Bolt	97-91	MR-1847	Std Only	5/16" X 18 UNC w/Washer
16	Pivot	95-91	MR-1811	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	97-91	V-1961	Std-3-15	Chrome plated stem; 1.46" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.
8	Exhaust, Bulk	97-91	V-1961B	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3415" Stem Dia., 5.07" O.A.L.
8	Exhaust, Bulk	97-91	V-1961B 15	Std-15	Chrome plated stem; Carton of 25; 1.452" Head Dia., 0.3565" Stem Dia., 5.07" O.A.L.
8	Intake	97-91	V-2045	Std-15	Chrome plated stem; 1.782" Head Dia., 0.342" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	97-91	V-2045B	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.
8	Intake, Bulk	97-91	V-2045B 15	Std-15	Chrome plated stem; Carton of 25; 1.782" Head Dia., 0.3569" Stem Dia., 5.07" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	97-91	VG-5005	Std Only	Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L
16	Guide	97-91	VG-5005H	Std Only	Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L
16	Guide	97-91	VG-5005T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L
16	Guide, Bulk	97-91	VG-5005B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L
16	Guide, Bulk	97-91	VG-5005TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	97-91	VS-918	Std Only	Loc. Int.; 2.028" Free Height
8	Spring	97-91	VS-919	Std Only	Loc. Exh.; 1.9" Free Height
8	Spring	93-91	VS-661	Std Only	Loc. Int.; Incl. damper; 2.046" Free Height
8	Spring, Bulk	97-91	VS-919B	Std Only	Loc. Exh.; Carton of 300; 1.9" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	97-95	ST-2137	Std Only	Loc. Exh.; Positive type; (VTN) Viton®
8	Valve Stem Seal	97-95	ST-2138	Std Only	Loc. Int.; Positive type; (PLY) Polyacrylate
16	Valve Stem Seal	94-91	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
16	Valve Stem Seal Bulk	94-91	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	97-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	97-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	97-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	97-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	97-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	97-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	96-91	259-103A	Std Only	.060"; ID 1.030"; Carton of 100
16	Spring Insert	96-91	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500
16	Spring Insert	96-91	259-103B	Std Only	.030"; ID 1.030"; Carton of 100
16	Spring Insert	96-91	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500

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47 (cont.)		1998 - 1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H			47 (cont.)
VALVETRAIN					
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION
16	Spring Insert	96-91	259-103C	Std Only	.015"; ID 1.030"; Carton of 100
8	Rotocap	97-91	RC-140	Std Only	Loc. Exh.
8	Rotocap	97-91	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	97-94	H621P	Std-20-30-40-60	Use w/E-458K or E-458X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.784 CD, Recessed Head .190 deep, 0.9122" Pin Dia.
8	Cast Piston	97-91	H653CP	Std-20-30-40-60	Hypereutectic; Use w/E-251KC, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.765 CD, Recessed Head .190 deep oblong; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.
8	Cast Piston	93-91	463P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.
8	Cast Piston - Individual	97-94	WH621P	Std-20-30-40-60	Use w/WE-458K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.784 CD, Recessed Head .190 deep, 0.9122" Pin Dia.
8	Cast Piston - Individual	97-91	WH653P 20	20	Hypereutectic; Use w/WE-251KC, WE-251K or WE-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.765 CD, Recessed Head .190 deep oblong, 0.9122" Pin Dia.
8	Cast Piston - Individual	93-91	W463P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	97-94	8KH621P 30	30-40	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.784 CD, Recessed Head .190 deep, 0.9122" Pin Dia.
1	Cast Piston Set w/Prem. Rings	93-91	8K463P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.
1	Cast Piston Set w/Econ. Rings	93-91	8X463P 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Recessed Head .140 deep w/2 valve reliefs - 8.1:1 C.R., 0.9122" Pin Dia.
8	Power Forged	93-91	L-2446F	Std-30-40	Powerforged; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.772 CD, Recessed Head .110 deep. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.; New Part Number - Check for Availability
8	Forged Piston - Individual	93-91	WL-2446F	Std-30-40	Powerforged; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.772 CD, Recessed Head .110 deep. DUROSHIELD® skirt coated piston., 0.9122" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	97-94	E-251K	Std-10-20-30-40-60	Use w/H653P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	97-94	E-251KC	Std-10-20-30-40-60	Use w/H653P piston; 2-5/64, 1-3/16; Premium Chrome
1	Premium Set	97-94	E-458K	Std-5-20-30-40-60	Use w/H621P piston; 2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	97-94	R-9903	Std-20-30-60	Use w/H653P piston; 2-5/64, 1-3/16; Speed-Pro plasma-moly Perf. ring set; Plasma Moly
1	Premium Set	93	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	93-91	E-251K	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Premium Set	93-91	E-251KC	Std-10-20-30-40-60	2-5/64, 1-3/16; Premium Chrome
1	Premium Set	93-91	R-9903	Std-20-30-60	2-5/64, 1-3/16; Speed-Pro plasma-moly Perf. ring set; Plasma Moly
1	Standard Set	97-94	E-251X	Std-10-20-30-40-60-80	Use w/H653P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	97-94	E-458X	Std-20-30-40-60	Use w/H621P piston; 2-1.50MM, 1-4.00MM; Iron
1	Standard Set	93	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
1	Standard Set	93-91	E-251X	Std-10-20-30-40-60-80	2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	97-94	WE-251K	Std-20-30-40-60	Use w/WH653P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	97-94	WE-251KC	Std-20-30-40-60	Use w/WH653P piston; 2-5/64, 1-3/16; Premium Chrome
8	Premium Single Cylinder Set	97-94	WE-458K	Std-20-30-40-60	Use w/WH621P piston; 2-1.50MM, 1-4.00MM; Premium Moly
8	Premium Single Cylinder Set	93	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
8	Premium Single Cylinder Set	93-91	WE-251K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	93-91	WE-251KC	Std-20-30-40-60	2-5/64, 1-3/16; Premium Chrome
8	Standard Single Cylinder Set	97-94	WE-251X	Std-20-30-40-60-80	Use w/WH653P piston; 2-5/64, 1-3/16; Iron
8	Standard Single Cylinder Set	93-91	WE-251X	Std-20-30-40-60-80	2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	94-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
8	Repair Sleeve	94-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	97-91	5078M	Std-1-10-20-30-40	
1	Main Set	97-91	5078MA	Std-1-10-20-30-40	A-Series aluminum bearings
1	Main Set	97-91	7154M 10	10-20-30	.020" O/S length flange brg.
1	Rod Set	97-91	8-3380A	Std-1-10-20-30-40	A-Series aluminum bearings
1	Rod Set	97-91	8-3380A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	97-91	8-3380CPA	Std-10-20-30-40	
8	Rod Pair	97-91	3380A	Std-1-10-20-30-40	A-Series aluminum bearings
8	Rod Pair	97-91	3380CPA	Std-1-10-20-30-40	
1	Cam Set	97-91	1204M	Std-10	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	97-91	224-41143		

Ford Truck (Incl. Minivans and SUV's)

47 (cont.)	1998 - 1991; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code H				47 (cont.)
BLOCK					
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	97-91	224-41143V	High Volume, check pan for clearance	
1	Inter. Shaft	97-91	224-61143		
1	Screen Assy.	97-91	224-13143	O.E. No. E3TZ-6622-G; 5.43" from bottom of screen to top of support bracket	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	98-94	260-1731	One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93-91	260-1446	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	97-91	381-8015		
1	Steel Block Plug Kit	97-91	381-4010		
1	Steel Deep Cup Freeze Plug	97-91	381-3038	0.750" Diameter	
1	Steel Deep Cup Freeze Plug	97-91	381-3095	0.500" Diameter	
1	Steel Shallow Cup Freeze Plug	97-91	381-2071	2.156" Diameter	
KITS					
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
97-94	One-piece molded rubber oil pan gskt. incl.; Use w/H621P piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring	205-6117
97-94	One-piece molded rubber oil pan gskt. incl.; Use w/H621P piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove			Re-ring w/Mains	205-6117M
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Re-ring	205-6116
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Re-ring w/Mains	205-6116M
OVERHAUL KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
93-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/Frg. Pstn. Prm. Rings	MKF-6116A
97-94	One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H653CP piston			Block Kit w/Premium Rings	BK-6169
97-94	One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H621P piston			Block Kit w/Premium Rings	BK-6170
93-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6167
97-94	One-piece molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. H653CP piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6169
97-94	One-piece molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. H621P piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6170
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6167
97-94	One-piece molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master	MKP-6116D
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master	MKP-6116A
97-94	One-piece molded rubber oil pan gskt. incl.; Use w/H653P piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Pistons	MK-6116D
93-91	Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Pistons	MK-6116A
97-94	One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6116D
93-91	Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub			Master w/o Rods & Mains	505-6116A
48	1996 - 1993; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor Lightning; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R				48
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	96-94	KT3-370SA1	Incl. silent type chain, cam & crank sprocket	
1	3 Piece Set	96-93	KT3-163SA1	Incl. double rlr. type chain; .900" thick cam sprocket hub; (1) 222-163; (1) 223-531; (1) 223-612	
1	Timing Set w/Gaskets	96-93	CTS-2002	Oil pan gskt. not incl.; Incl. double rlr. type chain; .900" thick cam sprocket hub	
1	Timing Chain	96-94	222-370	Silent type; 58 Links	
1	Timing Chain	96-93	222-163	Double rlr.; 58 Links	

Ford Truck (Incl. Minivans and SUV's)

48 (cont.)		1996 - 1993; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor Lightning; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R				48 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Crank Sprocket	96-93	223-531		w/r/r. type chain; Double row; Use w/Double r/r. chain; 21 Teeth		
1	Cam Sprocket	96-94	223-818		42 Teeth; Silent type; 42 Teeth		
1	Cam Sprocket	96-93	223-612		w/r/r. type chain; Double row; .900" thick cam sprocket hub; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	96-93	HT-900	Std Only	Hyd.		
16	Lifter	93	HT-900R	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.		
16	Lifter, Bulk	96-93	HT-900B	Std Only	Hyd.; Carton of 122		
16	Lifter, Bulk	93	HT-900RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.; Carton of 122		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	96-93	RP-3209	Std Only	8.182" O.A.L.		
16	Push Rod	94-93	RP-3323R	Std Only	Chrome-Moly; 8.182" O.A.L.		
16	Push Rod, Bulk	96-93	BRP-3209	Std Only	Carton of 100; 8.182" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	95-93	R-879	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount		
16	Arm Assy., Bulk	95-93	R-879B	Std Only	Incl. arm & pivot; Stamped steel; Bolt type mount; Carton of 64		
16	Arm	95-93	R-1091R	Std Only	Speed-Pro Stamped Steel w/r/r. tip; 1.6:1 ratio; Fits bolt type mount		
16	Arm	95-93	R-879A	Std Only	Stamped steel; Bolt type mount		
16	Bolt	96-93	MR-1847	Std Only	5/16" X 18 UNC w/Washer		
16	Pivot	95-93	MR-1811	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Intake	95-93	V-4500	Std Only	Chrome plated stem; 1.842" Head Dia., 0.3419" Stem Dia., 5.07" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	96-93	VG-5005	Std Only	Loc. Int. & Exh.; 0.343" ID, 2.25" O.A.L		
16	Guide	96-93	VG-5005H	Std Only	Loc. Int. & Exh.; Hardened; 0.343" ID, 2.25" O.A.L		
16	Guide	96-93	VG-5005T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.25" O.A.L		
16	Guide, Bulk	96-93	VG-5005B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L		
16	Guide, Bulk	96-93	VG-5005TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	93	VS-661	Std Only	Loc. Int.; Incl. damper; 2.046" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	96-95	ST-2137	Std Only	Loc. Exh.; Positive type; (VTN) Viton®		
8	Valve Stem Seal	96-95	ST-2138	Std Only	Loc. Int.; Positive type; (PLY) Polyacrylate		
16	Valve Stem Seal	94-93	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE		
16	Valve Stem Seal Bulk	94-93	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	96-93	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
8	Seat	96-93	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	96-93	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	96-93	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	96-93	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	96-93	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
16	Spring Insert	96-93	259-103A	Std Only	.060"; ID 1.030"; Carton of 100		
16	Spring Insert	96-93	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500		
16	Spring Insert	96-93	259-103B	Std Only	.030"; ID 1.030"; Carton of 100		
16	Spring Insert	96-93	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500		
16	Spring Insert	96-93	259-103C	Std Only	.015"; ID 1.030"; Carton of 100		
8	Rotocap	96-93	RC-140	Std Only	Loc. Exh.		
8	Rotocap	96-93	RC-140B	Std Only	Loc. Exh.; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	96-94	H653CP	Std-20-30-40-60	Hypereutectic; Use w/E-251KC, E-251K or E-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.765 CD, Recessed Head .190 deep oblong; DUROSHIELD® skirt coated piston, 0.9122" Pin Dia.		
8	Cast Piston	96-93	H621P	Std-20-30-40-60	Use w/E-458K or E-458X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.784 CD, Recessed Head .190 deep, 0.9122" Pin Dia.		
8	Cast Piston - Individual	96-94	WH653P 20	20	Hypereutectic; Use w/WE-251KC, WE-251K or WE-251X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.765 CD, Recessed Head .190 deep oblong, 0.9122" Pin Dia.		
8	Cast Piston - Individual	96-93	WH621P	Std-20-30-40-60	Use w/WE-458K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.784 CD, Recessed Head .190 deep, 0.9122" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	96-93	8KH621P 30	30-40	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.784 CD, Recessed Head .190 deep, 0.9122" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		

Ford Truck (Incl. Minivans and SUV's)

48 (cont.)	1996 - 1993; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor Lightning; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R				48 (cont.)
BLOCK					
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Premium Set	96-94	E-251K	Std-10-20-30-40-60	Use w/H653P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	96-94	E-251KC	Std-10-20-30-40-60	Use w/H653P piston; 2-5/64, 1-3/16; Premium Chrome
1	Premium Set	96-94	E-458K	Std-5-20-30-40-60	Use w/H621P piston; 2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	96-94	R-9903	Std-20-30-60	Use w/H653P piston; 2-5/64, 1-3/16; Speed-Pro plasma-moly Perf. ring set; Plasma Moly
1	Premium Set	93	E-458K	Std-5-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	96-94	E-251X	Std-10-20-30-40-60-80	Use w/H653P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	96-94	E-458X	Std-20-30-40-60	Use w/H621P piston; 2-1.50MM, 1-4.00MM; Iron
1	Standard Set	93	E-458X	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Iron
8	Premium Single Cylinder Set	96-94	WE-251K	Std-20-30-40-60	Use w/WH653P piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	96-94	WE-251KC	Std-20-30-40-60	Use w/WH653P piston; 2-5/64, 1-3/16; Premium Chrome
8	Premium Single Cylinder Set	96-94	WE-458K	Std-20-30-40-60	Use w/WH621P piston; 2-1.50MM, 1-4.00MM; Premium Moly
8	Premium Single Cylinder Set	93	WE-458K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
8	Standard Single Cylinder Set	96-94	WE-251X	Std-20-30-40-60-80	Use w/WH653P piston; 2-5/64, 1-3/16; Iron
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
8	Repair Sleeve	94-93	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
8	Repair Sleeve	94-93	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	96-93	5078M	Std-1-10-20-30-40	
1	Main Set	96-93	5078MA	Std-1-10-20-30-40	A-Series aluminum bearings
1	Main Set	96-93	7154M 10	10-20-30	.020" O/S length flange brg.
1	Rod Set	96-93	8-3380A	Std-1-10-20-30-40	A-Series aluminum bearings
1	Rod Set	96-93	8-3380A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	96-93	8-3380CPA	Std-10-20-30-40	
8	Rod Pair	96-93	3380A	Std-1-10-20-30-40	A-Series aluminum bearings
8	Rod Pair	96-93	3380CPA	Std-1-10-20-30-40	
1	Cam Set	96-93	1204M	Std-10	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	96-93	224-41143		
1	Oil Pump	96-93	224-41143V		High Volume, check pan for clearance
1	Inter. Shaft	96-93	224-61143		
1	Screen Assy.	96-93	224-13143		O.E. No. E3TZ-6622-G; 5.43" from bottom of screen to top of support bracket
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	96-94	260-1731		Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	93	260-1446		Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	96-93	381-8015		
1	Steel Block Plug Kit	96-93	381-4010		
1	Steel Deep Cup Freeze Plug	96-93	381-3038		0.750" Diameter
1	Steel Deep Cup Freeze Plug	96-93	381-3095		0.500" Diameter
1	Steel Shallow Cup Freeze Plug	96-93	381-2071		2.156" Diameter
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
96-94	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Use w/H621P piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove		Re-ring	205-6117	205-1117
96-94	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Use w/H621P piston; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove		Re-ring w/Mains	205-6117M	205-1117M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
93-93	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; Multi-piece oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6168	----
96-94	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H653CP piston		Block Kit w/Premium Rings	BK-6169	----
96-94	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H621P piston		Block Kit w/Premium Rings	BK-6170	----
93-93	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; Multi-piece oil pan gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6168	----

Ford Truck (Incl. Minivans and SUV's)

48 (cont.)		1996 - 1993; 5.8L 351 OHV V8 (16 Valve), 4" Bore Windsor Lightning; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code R				48 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-94	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. H653CP piston		Block Kit w/Oil Pump & Freeze Plugs		BKP-6169	----	
96-94	Int. manifold gskts. not incl.; Exh. manifold gskts. not incl.; One-piece molded rubber oil pan gskt. incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. H621P piston		Block Kit w/Oil Pump & Freeze Plugs		BKP-6170	----	
49		2010 - 2003; 6.0L 365 (5982cc) OHV Turbo - Intercooled V8 (32 Valve), 95mm Bore Power Stroke; DI; Diesel; Turbo - Intercooled International Eng.; VIN Code P				49	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-03	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	10-03	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
16	Exhaust	10-03	V-4715	Std Only	Chrome plated stem; 1.1020" Head Dia., 0.2737" Stem Dia., 5.0590" O.A.L.		
16	Intake	10-03	V-4716	Std Only	Chrome plated stem; 1.3390" Head Dia., 0.2737" Stem Dia., 5.0190" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	10-03	7440M	Std-.25MM			
8	Rod Pair	10-03	5020P	Std-.25MM			
1	Cam Set	10-06	1899M	Std Only			
1	Cam Set	04-03	1899M	Std Only			
50		2011 - 2010; 6.2L 378.9 (6210cc) SOHC V8 (16 Valve), 102mm Bore Triton Boss VVT; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 6				50	
VALVETRAIN							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	11-10	VK-204	Std Only	Loc. Int. & Exh.; 3 groove; w/.3125 Stem Dia.		
51		2011 - 2008; 6.4L 390 (6391cc) OHV Turbo - Intercooled V8 (32 Valve), 98mm Bore Power Stroke; DI; Diesel; Turbo - Intercooled International Eng.; VIN Code R				51	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	11-08	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	11-08	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
52		2011 - 1997; 6.8L 415 (6751cc) SOHC V10 (20 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code S				52	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	01-97	KT-4008S		Incl. sprockets, chains, tensioners, arms & guides		
1	Timing Chain	11-97	222-391		Primary Chain; 122 Links		
1	Timing Chain Tensioner	11-03	222-368CT		Loc. L.H.		
1	Timing Chain Tensioner	11-03	222-369CT		Loc. R.H.		
1	Timing Chain Tensioner	11-97	222-370CT		Loc. L.H.; Tensioner Arm		
1	Timing Chain Tensioner	11-97	222-371CT		Loc. R.H.; Tensioner Arm		
1	Timing Chain Tensioner	02-98	222-366CT		Loc. L.H.		
1	Timing Chain Tensioner	02-98	222-367CT		Loc. R.H.		
1	Timing Chain Guide	11-97	222-374GP		Loc. L.H.		
1	Timing Chain Guide	11-97	222-375GP		Loc. R.H.		
1	Crank Sprocket	11-02	223-869		21 teeth		
1	Crank Sprocket	01-97	223-843		21 Teeth; 1-Piece design		
1	Cam Sprocket	11-06	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	11-06	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	05	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	05	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-97	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	04-97	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
20	Lifter	11-97	HT-2271	Std Only	Hyd. lash adj.		
20	Lifter, Bulk	11-97	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
20	Arm	11-97	R-1096	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		

Ford Truck (Incl. Minivans and SUV's)

52 (cont.)	2011 - 1997; 6.8L 415 (6751cc) SOHC V10 (20 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code S				52 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
10	Exhaust	11-00	V-4603	Std Only	Unleaded fuel; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.
8	Exhaust	11-00	V-4605X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.417" Head Dia., 0.274" Stem Dia., 4.681" O.A.L.
10	Exhaust	99	V-4498X	Std Only	Chrome plated stem; Stellite face; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.
10	Exhaust	98-97	V-2656	Std Only	Chrome plated stem; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.
10	Exhaust	98-97	V-4498X	Std Only	Chrome plated stem; Stellite face; 1.339" Head Dia., 0.274" Stem Dia., 4.622" O.A.L.
8	Intake	11-00	V-4600X	Std Only	Bi-fuel and leaded; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
10	Intake	11-00	V-4602	Std Only	Unleaded fuel; Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.754" O.A.L.
10	Intake	99-97	V-3956	Std-15	Chrome plated stem; 1.752" Head Dia., 0.275" Stem Dia., 4.622" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
20	Guide	04-97	VG-1389T	Std Only	Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
20	Spring	10-03	VS-1663	Std Only	2.101" Free Height; New Part Number - Check for Availability
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
20	Valve Stem Seal	04-97	ST-2140	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
20	Keeper	11-97	VK-287	Std Only	3 groove; w/ .2750 Stem Dia.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
10	Cast Piston	05-00	H886CP	Std.-50-.75-1.00MM	Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .130 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
10	Cast Piston	05-97	H885CP	Std.-50-.75-1.00MM	Non-Power Improved Eng's.; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.210 CD, Recessed Head .068 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.8662" Pin Dia.
10	Pin Bushing	09	1989YA		
10	Pin Bushing	08-97	1989YA		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05-97	E-917K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	07-97	7297MA	Std.-25-.50MM	A-Series aluminum bearings
1	Thrust Washer Set	04-97	4507F	Std Only	New Part Number - Check for Availability
1	Rod Set	07-97	10-1985A	Std.-25-.50MM	A-Series aluminum bearings
1	Rod Set	07-97	10-1985A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-97	10-7250CH	Std Only	Race Performance
10	Rod Pair	07-97	1985A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	09-08	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	07-06	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	07-06	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	05	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	05-04	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	04	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	03-02	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	03-02	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	01	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	01	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	00	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	00	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	99	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	99	224-43625		Use w/15/16" inlet tube screen
1	Oil Pump	98-97	224-43498		Use w/13/16" inlet tube screen
1	Oil Pump	98-97	224-43625		Use w/15/16" inlet tube screen
53	2010 - 2005; 6.8L 415 (6751cc) SOHC V10 (30 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y				53
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	10-05	222-391		Primary Chain; 122 Links
1	Timing Chain Tensioner	10-05	222-368CT		Loc. L.H.
1	Timing Chain Tensioner	10-05	222-369CT		Loc. R.H.

Ford Truck (Incl. Minivans and SUV's)

53 (cont.)		2010 - 2005; 6.8L 415 (6751cc) SOHC V10 (30 Valve), 90.2mm Bore Triton; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code Y				53 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain Tensioner	10-05	222-370CT		Loc. L.H.; Tensioner Arm		
1	Timing Chain Tensioner	10-05	222-371CT		Loc. R.H.; Tensioner Arm		
1	Timing Chain Guide	10-05	222-374GP		Loc. L.H.		
1	Timing Chain Guide	10-05	222-375GP		Loc. R.H.		
1	Crank Sprocket	10-05	223-869		21 teeth		
1	Cam Sprocket	10-06	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	10-06	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	05	223-764		Loc. L.H.; 42 teeth; 42 Teeth		
1	Cam Sprocket	05	223-766		Loc. R.H.; 42 teeth; 42 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
30	Lifter	10-05	HT-2305	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
10	Intake	10-07	V-4685	Std Only	Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.		
10	Intake	06	V-4685	Std Only	Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.		
10	Intake	05	V-4685	Std Only	Chrome plated stem; 1.331" Head Dia., 0.2356" Stem Dia., 4.618" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
20	Keeper	10-06	VK-288	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	06	E-917K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly		
54		1993 - 1992; 7.3L 444 OHV Turbo V8 (16 Valve), 4.11" Bore; IDI; Diesel; Turbo International Eng.; VIN Code C				54	
VALVETRAIN							
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	93-92	VG-1414	Std Only	0.3745" ID, 2.6" O.A.L.		
16	Guide	93-92	VG-804	Std Only	Repair Guide; 0.375" ID, 2.6" O.A.L.		
BLOCK							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93-92	260-1673		Turbo mtg. gskts. not incl.; Int. manifold gskt. not incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	93-92	260-4029				
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	93-92	381-8210				
55		1994; 7.3L 444 OHV Turbo V8 (16 Valve), 4.11" Bore; IDI; Diesel; Turbo International Eng.; VIN Code K				55	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	94	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	94	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Intake	94	V-2303	Std Only	Chrome plated stem; 1.877" Head Dia., 0.3719" Stem Dia., 5.688" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	94	VG-1414	Std Only	0.3745" ID, 2.6" O.A.L.		
16	Guide	94	VG-804	Std Only	Repair Guide; 0.375" ID, 2.6" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	94	VS-693	Std Only	Incl. damper; 2.05" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	94	MV-1796C	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber		
16	Valve Stem Seal Bulk	94	MV-1796	Std Only	Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Pin Bushing	94	3814Y20				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94	5110M	Std-10-20-30			
1	Rod Set	94	8-3810CP	Std-10-20-30-40			
8	Rod Pair	94	3810CP	Std-10-20-30-40			
1	Cam Set	94	1467M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94	260-1673		Turbo mtg. gskts. not incl.; Int. manifold gskt. not incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	94	260-4029				

Ford Truck (Incl. Minivans and SUV's)

55 (cont.)		1994; 7.3L 444 OHV Turbo V8 (16 Valve), 4.11" Bore; IDI; Diesel; Turbo International Eng.; VIN Code K				55 (cont.)	
BLOCK							
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	94	381-8210				
1	Stainless Block Plug Kit	94	381-8056	Incl. 7 centerless ground OD, stainless steel block plugs			
56		2003 - 1994; 7.3L 444 OHV Turbo V8 (16 Valve), 4.11" Bore Power Stroke; DI; Diesel; Turbo International Eng.; VIN Code F				56	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Gear Set	94	221-3342S				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
16	Lifter	03-94	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	03-94	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
16	Push Rod	03-94	RP-3345	Std Only	10.184" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
8	Arm Assy.	94	R-1119	Std Only	Incl. 2-arms, 2-pivots & 1-retainer		
16	Arm	94	R-949	Std Only	Incl. 1-rocker arm		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	03-94	V-4495	Std Only	Chrome plated stem; 1.68" Head Dia., 0.3122" Stem Dia., 5.799" O.A.L.		
8	Intake	03-94	V-4494	Std Only	Chrome plated stem; 1.68" Head Dia., 0.3122" Stem Dia., 5.805" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	03-94	VG-1415	Std Only	0.3146" ID, 2.44" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
16	Spring	03-94	VS-693	Std Only	Incl. damper; 2.05" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	03-94	ST-2145	Std Only	Positive type; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
32	Keeper	03-94	VK-144	Std Only	1 groove; Square cut key groove		
32	Keeper	03-94	VK-144R	Std Only	1 groove; Square cut key groove; Hardened		
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
8	Cast Piston	03-94	2767PN	Std-20-30-40	Cast; 1 - 1/8 Groove, 1 - 5/64 Groove, 1 - .136 Groove, 2.141 CD, Recessed Head .662 deep x 2.260 dia. Offset to cam side; Repl. O.E. No. 1824284C1, 1.308" Pin Dia.		
8	Pin Bushing	03-94	3814YA20				
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	03-94	E-651K	Std-20-30-40	Use w/2767PN or 2772PN piston; 1-1/8, 1-5/64, 1-.136; 2nd ring gap is .060-.075" like O.E. ring; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	03-94	7325M	Std-10-20			
1	Rod Set	03-94	8-3810CPA	Std-10-20-30			
8	Rod Pair	03-94	3810CPA	Std-10-20-30			
1	Cam Set	03-94	1885M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	03-94	224-43626				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	03-00	260-1882	Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	99	260-1881	To 03/31/99; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	99	260-1882	From 04/01/99; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	98-94	260-1881	Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	03-94	381-8210				
1	Stainless Block Plug Kit	99-94	381-8088	Incl. 7 centerless ground OD, stainless steel block plugs			
1	Stainless Deep Cup Freeze Plug	99-94	381-5133	1.500" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
99-99	To 3/31/99; Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring		205-6954	-----		

Ford Truck (Incl. Minivans and SUV's)

56 (cont.)		2003 - 1994; 7.3L 444 OHV Turbo V8 (16 Valve), 4.11" Bore Power Stroke; DI; Diesel; Turbo International Eng.; VIN Code F				56 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
99-99	From 4/1/99; Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring			205-6955	----	
98-94	Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring			205-6954	----	
03-03	Head bolts not incl.; Valve cover gskts. not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; Use w/2767PN or 2772PN piston; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring w/Mains			205-6955M	----	
02-00	Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring w/Mains			205-6955M	----	
99-99	To 3/31/99; Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring w/Mains			205-6954M	----	
99-99	From 4/1/99; Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring w/Mains			205-6955M	----	
98-94	Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring w/Mains			205-6954M	----	
03-03	Head bolts not incl.; Valve cover gskts. not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; Use w/2767PN or 2772PN piston; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring			205-6955	----	
02-00	Use w/2767PN or 2772PN piston; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.; For pistons w/1-1/8, 1-5/64, 1-.136 ring groove; 2nd ring gap is .060-.075" like O.E. ring	Re-ring			205-6955	----	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
02-00	Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6180	----	
99-99	To 3/31/99; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6179	----	
99-99	From 4/1/99; Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6180	----	
98-94	Valve cover gskts. not incl.; Head bolts not incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings			BK-6179	----	
57		1995 - 1991; 7.3L 444 OHV V8 (16 Valve), 4.11" Bore; IDI; Diesel; Naturally Aspirated International Eng.; VIN Code M				57	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Gear Set	94-91	221-3342S				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	94-91	CS-771		Hydraulic, (050) Duration at .050 Lobe Lift, 184 Exh., 176 Int., 104 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	95-91	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	95-91	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	94-91	KC-771		Hyd. rlr.; (1) 55-403B; (1) CS-771; (16) HT-2104		
1	Cam/Lifter/Timing Kit	94-91	KCT-771		Hyd. rlr.; (1) 221-3342S; (1) 55-403B; (1) CS-771; (16) HT-2104		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	94-91	RP-3237	Std Only	Install w/copper colored ball toward rocker arm; 9.989" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	94-91	R-1119	Std Only	Incl. 2-arms, 2-pivots & 1-retainer		
16	Arm	94-91	R-949	Std Only	Incl. 1-rocker arm		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-91	V-2302	Std Only	Chrome plated stem; 1.595" Head Dia., 0.3719" Stem Dia., 5.67" O.A.L.		
8	Intake	94-91	V-2303	Std Only	Chrome plated stem; 1.877" Head Dia., 0.3719" Stem Dia., 5.688" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	95	VG-1415	Std Only	0.3146" ID, 2.44" O.A.L.		
16	Guide	94-91	VG-1414	Std Only	0.3745" ID, 2.6" O.A.L.		
16	Guide	94-91	VG-804	Std Only	Repair Guide; 0.375" ID, 2.6" O.A.L.		

Ford Truck (Incl. Minivans and SUV's)

57 (cont.)	1995 - 1991; 7.3L 444 OHV V8 (16 Valve), 4.11" Bore; IDI; Diesel; Naturally Aspirated International Eng.; VIN Code M				57 (cont.)		
VALVETRAIN							
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	95-91	VS-693	Std Only	Incl. damper; 2.05" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	94-91	MV-1796C	Std Only	Loc. Int.; Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber		
8	Valve Stem Seal Bulk	94-91	MV-1796	Std Only	Loc. Int.; Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	95	VK-144	Std Only	1 groove; Square cut key groove		
32	Keeper	95	VK-144R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper	94-91	VK-138	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	94-91	VK-138A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	94-91	VK-138R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	94-91	VK-138B	Std Only	1 groove; Square cut key groove; Carton of 1000		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	94-91	2745PN 40	40	Use w/E-509K ring set; Cast; 1 -, .118 Groove, 1 - .078 Groove, 1 - .136 Groove, 1.949 CD, Ricardo Cup; Repl. O.E. Nos. 1813154C1, E9TZ-6102A, 1.11" Pin Dia.		
8	Cast Piston	94-91	H651CP	Std-20-30-40	Use w/E-509K ring set; Hypereutectic; 1 -, .118 Groove, 1 - .078 Groove, 1 - .136 Groove, 1.940 CD, Ricardo Cup Head w/.007 taper; DUROSHIELD® skirt coated piston, 1.11" Pin Dia.		
8	Cast Piston - Individual	94-91	WH651CP	Std-20-30-40	Use w/E-509K ring set; Hypereutectic; 1 -, .118 Groove, 1 - .078 Groove, 1 - .136 Groove, 1.940 CD, Ricardo Cup Head w/.007 taper; DUROSHIELD® skirt coated piston, 1.11" Pin Dia.		
8	Pin Bushing	95-91	3814Y20				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-509K	Std-20-30-40	Check piston grooving before supplying ring set; 1-.118, 1-.078, 1-.136; 2nd ring gap is .060-.075" like O.E. ring; Premium Moly		
8	Premium Single Cylinder Set	94-91	WE-509K	Std-20-30-40	Check piston grooving before supplying ring set; 1-.118, 1-.078, 1-.136; 2nd ring gap is .060-.075" like O.E. ring; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	5110M	Std-10-20-30			
1	Rod Set	94-91	8-3810CP	Std-10-20-30-40			
8	Rod Pair	94-91	3810CP	Std-10-20-30-40			
1	Cam Set	94-91	1467M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-91	224-41999				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-91	260-1673		Int. manifold gskt. not incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	95-91	260-4029				
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8210				
1	Stainless Block Plug Kit	94-91	381-8056		Incl. 7 centerless ground OD, stainless steel block plugs		
KITS							
RE-RING KIT					<i>PREMIUM</i>	<i>STANDARD</i>	
YEARS	DESCRIPTION				<i>KIT NO.</i>	<i>KIT NO.</i>	
94-91	Int. manifold gskt. not incl.; Check piston grooving before supplying kit; Premium valve stem seals incl.; 2nd ring gap is .060-.075" like O.E. ring				Re-ring	205-6091	----
94-91	Int. manifold gskt. not incl.; Check piston grooving before supplying kit; Premium valve stem seals incl.; 2nd ring gap is .060-.075" like O.E. ring				Re-ring w/Mains	205-6091M	----
OVERHAUL KIT					<i>PREMIUM</i>	<i>STANDARD</i>	
YEARS	DESCRIPTION				<i>KIT NO.</i>	<i>KIT NO.</i>	
94-91	Int. manifold gskt. not incl.; Check piston grooving before supplying kit; Premium valve stem seals incl.; Incl. 7 centerless ground OD, stainless steel block plugs; 2nd ring gap is .060-.075" like O.E. ring				Master	MKP-6091A	----
94-91	Int. manifold gskt. not incl.; Check piston grooving before supplying kit; Premium valve stem seals incl.; Incl. 7 centerless ground OD, stainless steel block plugs; 2nd ring gap is .060-.075" like O.E. ring				Master w/o Pistons	MK-6091A	----
94-91	Int. manifold gskt. not incl.; Check piston grooving before supplying kit; Premium valve stem seals incl.; Incl. 7 centerless ground OD, stainless steel block plugs; 2nd ring gap is .060-.075" like O.E. ring				Master w/o Rods & Mains	505-6091A	----
94-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.				Block Kit w/Premium Rings	BK-6178	----
94-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.; Incl. 7 centerless ground OD, stainless steel block plugs				Block Kit w/Oil Pump & Freeze Plugs	BKP-6178	----

Ford Truck (Incl. Minivans and SUV's)

58		1998 - 1991; 7.5L 460 OHV V8 (16 Valve), 4.36" Bore; MFI; Gasoline; Naturally Aspirated			58	
Ford Eng.; VIN Code G						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.			DESCRIPTION
1	3 Piece Set	98-93	KT3-168SA3			Incl. chain, cam & crank sprocket
1	3 Piece Set	94-91	KT3-168SA2			(1) 222-168; (1) 223-438; (1) 223-685
1	Timing Chain	98-91	222-168			Double flr.; 66 Links
1	Crank Sprocket	94-91	223-685			22 Teeth
1	Cam Sprocket	98-91	223-438			44 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.			DESCRIPTION
1	Camshaft	98-91	CS-648			Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 193 Int., 113 Degrees Lobe Separation
1	Prelube		55-400		Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403		Std Only	1.5 oz. packet
16	Lifter	98-91	HT-900		Std Only	Hyd.
16	Lifter	98-91	HT-900R		Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.
16	Lifter, Bulk	98-91	HT-900B		Std Only	Hyd.; Carton of 122
16	Lifter, Bulk	98-91	HT-900RB		Std Only	Speed-Pro Hi-Revolution Hyd.; Use w/adj. rocker assy.; Carton of 122
QTY	CAM KIT	YEARS	PART NO.			DESCRIPTION
1	Cam/Lifter Kit	98-91	KC-648			Hyd.; (1) 55-403B; (1) CS-648; (16) HT-900
1	Cam/Lifter/Timing Kit	94-91	KCT-648C			Hyd.; (1) 55-403B; (1) CS-648; (16) HT-900; (1) KT3-168SA2
QTY	PUSH ROD	YEARS	PART NO.			DESCRIPTION
16	Push Rod	97-91	RP-3288		Std Only	8.592" O.A.L.
16	Push Rod, Bulk	97-91	BRP-3288		Std Only	Carton of 100; 8.592" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.			DESCRIPTION
16	Arm Assy.	95-91	R-855		Std Only	Incl. arm & pivot
16	Arm Assy., Bulk	95-91	R-855B		Std Only	Incl. arm & pivot; Carton of 64
16	Arm	95-91	R-855A		Std Only	
16	Bolt	97-91	MR-1847		Std Only	5/16" X 18 UNC w/Washer
16	Bolt	97-91	MR-1951		Std Only	5/16" X 18 UNC w/o washer
16	Pivot	95-91	MR-1811		Std Only	
QTY	VALVE	YEARS	PART NO.			DESCRIPTION
8	Exhaust	97-91	V-4371X		Std-15	Chrome plated stem; 1.654" Head Dia., 0.3419" Stem Dia., 4.983" O.A.L.
8	Intake	97-93	V-4526		Std Only	Chrome plated stem; 2.083" Head Dia., 0.3419" Stem Dia., 5.175" O.A.L.
8	Intake	92-91	V-2452		Std Only	Chrome plated stem; 1.977" Head Dia., 0.3419" Stem Dia., 5.1799" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.			DESCRIPTION
16	Guide	97-91	VG-5006		Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L
16	Guide	97-91	VG-5006T		Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L
16	Guide, Bulk	97-91	VG-5006B		Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L
16	Guide, Bulk	97-91	VG-5006TB		Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.			DESCRIPTION
16	Spring	97-91	VS-920		Std Only	2.114" Free Height
16	Spring	94-91	VS-1455		Std Only	Optional-H/D; 2.3" Free Height
QTY	VALVE SEAL	YEARS	PART NO.			DESCRIPTION
8	Valve Stem Seal	97-96	ST-2137		Std Only	Loc. Exh.; Positive type; (VTN) Viton®
16	Valve Stem Seal	95-91	ST-2001		Std Only	Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
16	Valve Stem Seal	97-91	MV-1796C		Std Only	Loc. Int.; Umbrella type; Fits Std. to .015" O/S valve stem; (RBB) Rubber
16	Valve Stem Seal Bulk	97-91	MV-1796		Std Only	Loc. Int.; Umbrella type; Fits Std. to .015" O/S valve stem; Carton of 100; (RBB) Rubber
16	Valve Stem Seal Bulk	95-91	ST-2001BC		Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.			DESCRIPTION
8	Seat	97-91	245-1781-E1N		Std Only	Loc. Exh.; 1.781" OD; 1.781" OD, 1.476" ID, 0.311" Depth
8	Seat	97-91	245-2250-1		Std Only	Loc. Int.; Machine ID to fit; 2.2555" OD, 1.9375" ID, 0.1855" Depth
8	Seat	94-91	245-1750-2		Std Only	Loc. Exh.; 1.755" OD, 1.5" ID, 0.216" Depth
8	Seat	94-91	245-1750-2N		Std Only	Loc. Exh.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.			DESCRIPTION
32	Keeper	97-91	VK-115		Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	97-91	VK-115A		Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	97-91	VK-115R		Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	97-91	VK-115B		Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	94-91	259-103A		Std Only	.060"; ID 1.030"; Carton of 100
16	Spring Insert	94-91	259-103ARS		Std Only	.060"; ID 1.030"; Carton of 500
16	Spring Insert	94-91	259-103B		Std Only	.030"; ID 1.030"; Carton of 100
16	Spring Insert	94-91	259-103BRS		Std Only	.030"; ID 1.030"; Carton of 500
16	Spring Insert	94-91	259-103C		Std Only	.015"; ID 1.030"; Carton of 100

Ford Truck (Incl. Minivans and SUV's)

58 (cont.)	1998 - 1991; 7.5L 460 OHV V8 (16 Valve), 4.36" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G				58 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	97-94	H612CP	Std-20-30-40-60	Use w/E-897K ring set; Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.772 CD, Oblong Recessed Head .189 deep w/2 valve reliefs; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
8	Cast Piston	93	H582CP	Std-20-30-40-60	To 11/17/92; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R. DUROSHIELD® skirt coated piston., 1.0402" Pin Dia.
8	Cast Piston	93	H612CP	Std-20-30-40-60	From 11/17/92; Use w/E-897K ring set; Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.772 CD, Oblong Recessed Head .189 deep w/2 valve reliefs; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
8	Cast Piston	92-91	H582CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R. DUROSHIELD® skirt coated piston., 1.0402" Pin Dia.
8	Cast Piston - Individual	97-94	WH612CP	Std-20-30-40-60	Check piston grooving before supplying ring set; Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.772 CD, Oblong Recessed Head .189 deep w/2 valve reliefs; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
8	Cast Piston - Individual	93	WH582CP	Std-20-30-40-60	To 11/17/92; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R. DUROSHIELD® skirt coated piston., 1.0402" Pin Dia.
8	Cast Piston - Individual	93	WH582P	Std-20-30-40-60	To 11/17/92; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R., 1.0402" Pin Dia.; Superseded - When depleted use
8	Cast Piston - Individual	93	WH612CP	Std-20-30-40-60	From 11/17/92; Check piston grooving before supplying ring set; Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.772 CD, Oblong Recessed Head .189 deep w/2 valve reliefs; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
8	Cast Piston - Individual	92-91	WH582CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R. DUROSHIELD® skirt coated piston., 1.0402" Pin Dia.
8	Cast Piston - Individual	92-91	WH582P	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R., 1.0402" Pin Dia.; Superseded - When depleted use
1	Cast Piston Set w/Prem. Rings	97-94	8KH612CP 40	40-60	Cast; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.772 CD, Oblong Recessed Head .189 deep w/2 valve reliefs; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
1	Cast Piston Set w/Prem. Rings	93	8KH582CP 30	30-40-60	To 11/17/92; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
1	Cast Piston Set w/Prem. Rings	93	8KH612CP 40	40-60	From 11/17/92; Cast; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.772 CD, Oblong Recessed Head .189 deep w/2 valve reliefs; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
1	Cast Piston Set w/Prem. Rings	92-91	8KH582CP 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.752 CD, Oblong Recessed Head .065 deep - 8.9:1 C.R.; DUROSHIELD® skirt coated piston, 1.0402" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	98-92	E-897K	Std-20-30-40-60	2-2.00MM, 1-4.00MM; w/Shallow oil ring groove; Premium Moly
1	Premium Set	92-91	E-296K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Standard Set	92-91	E-296X	Std-20-30-40-60	2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	92-91	WE-296K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
8	Standard Single Cylinder Set	92-91	WE-296X	Std-20-30-40-60	2-5/64, 1-3/16; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	98-91	4907M	Std-1-10-20-30-40	
1	Rod Set	98-91	8-3360CPA	Std-1-10-20-30-40	
8	Rod Pair	98-91	3360CPA	Std-1-10-20-30-40	
1	Cam Set	98-91	1414M	Std Only	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	97-91	224-41144		
1	Oil Pump	97-91	224-41144V		High Volume, check pan for clearance
1	Pump Repair Kit	97-91	224-51139		
1	Inter. Shaft	97-91	224-61127		
1	Screen Assy.	98-97	224-14257		
1	Screen Assy.	97-91	224-14160		Use w/high volume oil pump; Bolt-on type screen
1	Screen Assy.	96	224-14257		
1	Screen Assy.	95-93	224-14257		
1	Screen Assy.	92-91	224-14257		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	98-95	260-1687		Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

Ford Truck (Incl. Minivans and SUV's)

58 (cont.)		1998 - 1991; 7.5L 460 OHV V8 (16 Valve), 4.36" Bore; MFI; Gasoline; Naturally Aspirated			58 (cont.)	
Ford Eng.; VIN Code G						
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	98-95	260-1687	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1686	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1686	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92	260-1531	From 02/15/92; Valve stem seals not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.		
1	Kit Gasket Set	92	260-1531	To 02/14/92; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92	260-1531	From 02/15/92; Int. manifold gskt. not incl.; Valve stem seals not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.		
1	Kit Gasket Set	92	260-1531	To 02/14/92; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1531	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1531	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Valley Pan Gasket Set	98-93	260-4005			
1	Valley Pan Gasket Set	92-91	260-4005			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	98-91	381-8018			
1	Steel Block Plug Kit	98-91	381-4021			
1	Steel Shallow Cup Freeze Plug	98-91	381-2194	2.500" Diameter		
KITS						
RE-RING KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring	205-6322	----
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring	205-6322	----
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring	205-6321	----
94-93	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring	205-6321	----
98-98	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring w/Mains	205-6322M	----
98-98	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring	205-6322	----
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring w/Mains	205-6322M	----
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring w/Mains	205-6322M	----
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring w/Mains	205-6321M	----
94-93	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove			Re-ring w/Mains	205-6321M	----
92-92	Valve stem seals from 2/15/92 not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6193	205-1193
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6193	205-1193
92-92	Valve stem seals from 2/15/92 not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6193M	205-1193M
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6193M	205-1193M
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6193	205-1193
91-91	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6193	205-1193
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6193M	205-1193M

Ford Truck (Incl. Minivans and SUV's)

58 (cont.)	1998 - 1991; 7.5L 460 OHV V8 (16 Valve), 4.36" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G	58 (cont.)
KITS		
RE-RING KIT (cont.)		
YEARS	DESCRIPTION	PREMIUM KIT NO.
91-91	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6193M
	Re-ring w/Mains	205-1193M
OVERHAUL KIT		
YEARS	DESCRIPTION	PREMIUM KIT NO.
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MKP-6322A
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MKP-6322A
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MKP-6321A
94-93	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MKP-6321A
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MK-6322A
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MK-6322A
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MK-6321A
94-93	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	MK-6321A
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	505-6322A
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	505-6322A
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	505-6321A
94-93	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/Shallow oil ring groove	505-6321A
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6177
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6177
94-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6176
94-94	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6176
93-93	From 11/17/92; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6176
93-93	From 11/17/92; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6176
92-92	Valve stem seals from 2/15/92 not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6174
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6174
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6174
91-91	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BK-6174
97-95	Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BKP-6177
97-95	Int. manifold gskt. not incl.; Valve cover gskts. for vehicles over 8500 GVW not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BKP-6177
94-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BKP-6176
94-94	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BKP-6176
93-93	From 11/17/92; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	BKP-6176

Ford Truck (Incl. Minivans and SUV's)

58 (cont.)	1998 - 1991; 7.5L 460 OHV V8 (16 Valve), 4.36" Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G	58 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
93-93	From 11/17/92; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6176	----
92-92	Valve stem seals from 2/15/92 not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6174	----
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6174	----
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6174	----
91-91	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs BKP-6174	----
92-92	Valve stem seals from 2/15/92 not incl.; Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193A	MKP-1193A
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193A	MKP-1193A
92-92	Valve stem seals from 2/15/92 not incl.; Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193B	MKP-1193B
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193B	MKP-1193B
91-91	Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193A	MKP-1193A
91-91	Int. manifold gskt. not incl.; Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193A	MKP-1193A
91-91	Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193B	MKP-1193B
91-91	Int. manifold gskt. not incl.; Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master MKP-6193B	MKP-1193B
92-92	Valve stem seals from 2/15/92 not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6193B	MK-1193B
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6193B	MK-1193B
91-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6193B	MK-1193B
91-91	Int. manifold gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Pistons MK-6193B	MK-1193B
92-92	Valve stem seals from 2/15/92 not incl.; Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193A	505-1193A
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193A	505-1193A
92-92	Valve stem seals from 2/15/92 not incl.; Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193B	505-1193B
92-92	Valve stem seals from 2/15/92 not incl.; Int. manifold gskt. not incl.; Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193B	505-1193B
91-91	Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193A	505-1193A
91-91	Int. manifold gskt. not incl.; Incl. H582P; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193A	505-1193A
91-91	Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193B	505-1193B
91-91	Int. manifold gskt. not incl.; Incl. H582CP; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Master w/o Rods & Mains 505-6193B	505-1193B

Frazer - See Kaiser

Geo Car - See GM Car

Geo SUV's - See GMC Truck

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
5.0L	305.0	5012cc	OHV V8	94.9mm	16	GMC Eng.	F		Chevrolet	TPI/Gasoline	1992-1991	69
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	C		Chevrolet	MFI/Gasoline	2009-2005	70
5.7L	346.0	5665cc	OHV V8	99mm	16	GMC Eng.	G		Chevrolet	MFI/Gasoline	2004-1997	71
5.7L	346.0	5665cc	OHV V8	99mm	16	GMC Eng.	S		Chevrolet	MFI/Gasoline	2005-2001	72
5.7L	350.0	5736cc	DOHC V8	101.6mm	32	Mercury Marine Eng.	J		Chevrolet	MFI/Gasoline	1995-1991	73
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	7		Chevrolet	TBI/Gasoline	1993-1991	74
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	8		Chevrolet	TPI/Gasoline	1992-1991	75
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	P		Chevrolet	MFI/Gasoline	1997-1992	76
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	5		Chevrolet	MFI/Gasoline	1996	77
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	U		Chevrolet	MFI/Gasoline	2007-2005	78
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	Y		Chevrolet	MFI/Gasoline	2009-2008	79
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	H		Chevrolet	MFI/Gasoline	2007-2005	80
6.2L	378.0	6195cc	OHV V8	103.25mm	16	GMC Eng.	W		Chevrolet	MFI/Gasoline	2009-2008	81
6.2L	378.0	6195cc	OHV V8	103.25mm	16	GMC Eng.	R		Chevrolet	MFI/Gasoline	2009	82
6.2L	378.0	6195cc	OHV V8	103.25mm	16	GMC Eng.	P		Chevrolet	MFI/Gasoline	2009	83
7.0L	427.0	6998cc	OHV V8	104.78mm	16	GMC Eng.	E		Chevrolet	MFI/Gasoline	2009	84

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
G10	1.0L	61.0	993cc	SOHC L3	74mm	6	Suzuki Eng.	6	TBI/Gasoline	2001-1991	2
G10-T	1.0L	61.0	993cc	SOHC L3	74mm	6	Suzuki Eng.	2	MFI/Gasoline	1991	1
G13A	1.3L	81.0	1324cc	SOHC L4	74mm	8	Suzuki Eng.	9	TBI/Gasoline	1997-1992	4
SW413	1.3L	81.0	1324cc	SOHC L4	74mm	16	Suzuki Eng.	2	MFI/Gasoline	2001-1998	3
1ZZFE	1.8L	109.4	1794cc	DOHC L4	79mm	16	Toyota Eng.	8	MFI/Gasoline	1999-1998	12
1ZZFE	1.8L	109.4	1794cc	DOHC L4	79mm	16	Toyota Eng.	8	MFI/Gasoline	2004-2000	13
4AFE	1.6L	96.8	1587cc	DOHC L4	81mm	16	Toyota Eng.	6	MFI/Gasoline	1997-1991	6
4AGE	1.6L	96.8	1587cc	DOHC L4	81mm	16	Toyota Eng.	5	MFI/Gasoline	1992-1991	5
4XE1V	1.6L	96.9	1588cc	SOHC L4	80mm	12	Isuzu Eng.	6	MFI/Gasoline	1993-1991	8
4XE1W	1.6L	96.9	1588cc	DOHC L4	80mm	16	Isuzu Eng.	5	MFI/Gasoline	1991	7
4XF1	1.8L	110.3	1808cc	DOHC L4	80mm	16	Isuzu Eng.	8	MFI/Gasoline	1993-1992	14
7AFE	1.8L	107.5	1762cc	DOHC L4	81mm	16	Toyota Eng.	8	MFI/Gasoline	1997-1993	11

1 1991; 1.0L 61 (993cc) SOHC L3 (6 Valve), 74mm Bore; MFI; Gasoline; Turbo Suzuki Eng.; VIN Code 2, Eng. Code G10-T 1

VALVETRAIN

QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Timing Belt	91	222-B166	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
3	Exhaust	91	V-2334X	Std Only Chrome plated stem; 1.181" Head Dia., 0.2738" Stem Dia., 4.51" O.A.L.
3	Intake	91	V-4341	Std Only Chrome plated stem; 1.378" Head Dia., 0.2151" Stem Dia., 3.313" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
6	Guide	91	VG-816	Std Only 0.217" ID, 1.26" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
6	Valve Stem Seal	91	ST-2120	Std Only Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
3	Seat	91	245-1187-52	Std Only Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth
3	Seat	91	245-1500-77	Std Only Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth

BLOCK

QTY	RINGS	YEARS	PART NO.	DESCRIPTION
1	Premium Set	91	E-549KC	Std.-50-.75-1.00MM 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome
3	Premium Single Cylinder Set	91	WE-549KC	Std.-50-.75-1.00MM 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	91	6685M	Std.-25-.50MM
1	Thrust Washer Set	91	1063AF	Std Only Loc. 3
1	Rod Set	91	3-1140RA	Std.-25-.50-.75MM
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	91	224-43456	Without sensor
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

1 (cont.)	1991; 1.0L 61 (993cc) SOHC L3 (6 Valve), 74mm Bore; MFI; Gasoline; Turbo Suzuki Eng.; VIN Code 2, Eng. Code G10-T					1 (cont.)
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1640		Turbo mtg. gskts. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	91	260-2535	Std Only	Replacement recommended	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
91-91	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6349	----
91-91	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6349M	----
2						
2001 - 1991; 1.0L 61 (993cc) SOHC L3 (6 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code 6, Eng. Code G10						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	00-96	222-B194		97 Teeth	
1	Timing Belt	95-94	222-B241			
1	Timing Belt	93	222-B166		w/4 bolt sprocket mounting	
1	Timing Belt	93	222-B241		w/5 bolt sprocket mounting	
1	Timing Belt	92-91	222-B166			
1	Timing Belt Tensioner	95-91	222-348BT			
1	Timing Belt & Tensioner Set	00-96	BTS-194A			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
6	Lifter	00-91	HT-2272	Std Only	Hyd. bucket type lifter	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
3	Exhaust	00-91	V-4342	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2144" Stem Dia., 3.311" O.A.L.	
3	Exhaust, Bulk	00-91	V-4342B	Std Only	Chrome plated stem; Carton of 25; 1.102" Head Dia., 0.2144" Stem Dia., 3.311" O.A.L.	
3	Intake	00-91	V-4341	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2151" Stem Dia., 3.313" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	00-91	VG-816	Std Only	0.217" ID, 1.26" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
6	Valve Stem Seal	00-91	ST-2120	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
3	Seat	00-91	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth	
3	Seat	00-91	245-1500-77	Std Only	Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
6	Keeper	00-91	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
3	Cast Piston	98-91	13509P	Std-50MM	Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 23.7mm CD, Recessed Head 2.00mm deep w/2 valve reliefs, 17mm Pin Dia.	
3	Cast Piston - Individual	98-91	W13509P	Std Only	Cast	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00-91	E-549KC	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
1	Premium Set	94-91	E-550KC	Std Only	1-1.20MM, 1-2.80MM; Premium Chrome	
3	Premium Single Cylinder Set	00-91	WE-549KC	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
3	Premium Single Cylinder Set	94-91	WE-550KC	Std Only	1-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	00-91	6685M	Std-25-50MM		
1	Thrust Washer Set	00-91	1063AF	Std Only		
1	Rod Set	00-91	3-1140RA	Std-25-50-75MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-96	224-43605			
1	Oil Pump	95-91	224-43456		Without sensor	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01-96	260-1798		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-91	260-1640		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	96-91	260-2535	Std Only	Replacement recommended	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

2 (cont.)		2001 - 1991; 1.0L 61 (993cc) SOHC L3 (6 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code 6, Eng. Code G10				2 (cont.)	
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
00-96	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6869	----	
95-91	w/3 ring piston; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6349	----	
94-91	w/2 ring piston; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6348	----	
00-96	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6869M	----	
95-91	w/3 ring piston; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6349M	----	
94-91	w/2 ring piston; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6348M	----	
3		2001 - 1998; 1.3L 81 (1324cc) SOHC L4 (16 Valve), 74mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code 2, Eng. Code SW413				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	01-98	222-B194	97 Teeth			
1	Timing Belt & Tensioner Set	01-98	BTS-194A				
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	00-98	E-776KC	Std.-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	01-98	7095M	Std.-25MM			
1	Thrust Washer Set	01-98	1063AF	Std Only	Loc. 4		
1	Rod Set	01-98	4-1140RA	Std.-25-.50-.75-1.00MM			
4		1997 - 1992; 1.3L 81 (1324cc) SOHC L4 (8 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code 9, Eng. Code G13A				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	97-95	222-B272				
1	Timing Belt	94-92	222-95				
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	97-92	E-776KC	Std.-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	97-92	7095M	Std.-25MM			
1	Thrust Washer Set	97-92	1063AF	Std Only	Loc. 4		
1	Rod Set	97-92	4-1140RA	Std.-25-.50-.75-1.00MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	97-96	224-43628				
1	Oil Pump	95-92	224-43456	Without sensor			
5		1992 - 1991; 1.6L 96.8 (1587cc) DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 5, Eng. Code 4AGE				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	92-91	222-B176				
1	Timing Belt Tensioner	92-91	222-66BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
16	Lifter	92-91	AT-6003	Std Only	Mech.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	92-91	VG-914	Std Only	Loc. Exh.; 0.2345" ID, 1.775" O.A.L		
8	Guide	92-91	VG-915	Std Only	Loc. Int.; 0.234" ID, 1.651" O.A.L		
8	Guide	92-91	VG-917	Std Only	Loc. Exh.; 0.235" ID, 1.85" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	92-91	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
4	Seat	92-91	245-1125-51	Std Only	Loc. Exh.; 1.132" OD, 0.854" ID, 0.237" Depth		
4	Seat	92-91	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
32	Keeper	92-91	VK-242	Std Only			

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

5 (cont.)	1992 - 1991; 1.6L 96.8 (1587cc) DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 5, Eng. Code 4AGE				5 (cont.)
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	92-91	E-517KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome
4	Premium Single Cylinder Set	92-91	WE-517KC	Std Only	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	92-91	6680MA	Std-.25-.50-.75MM	A-Series aluminum bearings
1	Thrust Washer Set	92-91	3926AF	Std Only	Loc. 3
4	Rod Pair	91	4600P	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Screen Assy.	92-91	224-14289		
6	1997 - 1991; 1.6L 96.8 (1587cc) DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 6, Eng. Code 4AFE				6
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	97-93	222-B236		
1	Timing Belt	92-91	222-36		
1	Timing Belt Tensioner	97-93	222-340BT		
1	Timing Belt Tensioner	92-91	222-66BT		
1	Timing Belt & Tensioner Set	97-93	BTS-236		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	97-93	CS-1549		Loc. Int.; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Int.
1	Camshaft	97-93	CS-1550		Loc. Exh.; Hydraulic, (050) Duration at .050 Lobe Lift, 193 Exh.
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	97-91	AT-6003	Std Only	Mech.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	97-93	V-4348	Std Only	Chrome plated stem; 0.965" Head Dia., 0.2351" Stem Dia., 3.4646" O.A.L.
8	Exhaust	92-91	V-2575	Std Only	0.964" Head Dia., 0.235" Stem Dia., 3.619" O.A.L.
8	Intake	97-93	V-4347	Std Only	Chrome plated stem; 1.221" Head Dia., 0.2354" Stem Dia., 3.445" O.A.L.
8	Intake	92-91	V-2574	Std Only	1.182" Head Dia., 0.2355" Stem Dia., 3.6" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	97-91	VG-913	Std Only	Loc. Int. & Exh.; 0.237" ID, 1.52" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	97-93	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®
16	Valve Stem Seal	92-91	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	97-91	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth
4	Seat	94-91	245-1125-51	Std Only	Loc. Exh.; 1.132" OD, 0.854" ID, 0.237" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	97-91	VK-242	Std Only	
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	92-91	12764P	Std-.50MM	Use w/E-540KC or E-540X ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.190 CD, Recessed Head .108 deep, 0.7089" Pin Dia.
4	Cast Piston - Individual	92-91	W12764P	Std Only	Use w/WE-540KC ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.190 CD, Recessed Head .108 deep, 0.7089" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	97-92	E-645KC	Std-.50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
1	Premium Set	91	E-540KC	Std-.75MM	2-1.50MM, 1-3.00MM; Premium Chrome
1	Standard Set	91	E-540X	Std Only	2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	91	WE-540KC .50MM	.50MM	2-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	97-91	6680MA	Std-.25-.50-.75MM	A-Series aluminum bearings
1	Thrust Washer Set	97-91	3926AF	Std Only	Loc. 3
1	Rod Set	97-91	4-1025PA	Std-.25-.50-.75MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	95-93	224-43500		
1	Screen Assy.	97-91	224-14289		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	97-93	260-1778		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	92-91	260-1457		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

6 (cont.)		1997 - 1991; 1.6L 96.8 (1587cc) DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 6, Eng. Code 4AFE				6 (cont.)	
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6778	----	
92-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6225	----	
91-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6128	----	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains		205-6778M	----	
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6225M	----	
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6128M	----	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6103	----	

7		1991; 1.6L 96.9 (1588cc) DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; VIN Code 5, Eng. Code 4XE1W				7	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	91	V-4379X	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2345" Stem Dia., 3.977" O.A.L.		
8	Intake	91	V-4354	Std Only	Chrome plated stem; 1.22" Head Dia., 0.235" Stem Dia., 3.978" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	91	VG-914	Std Only	Loc. Exh.; 0.2345" ID, 1.775" O.A.L.		
4	Guide	91	VG-915	Std Only	Loc. Int.; 0.234" ID, 1.651" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	91	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	91	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth		
4	Seat	91	245-1312-65	Std Only	Loc. Int.; 1.3195" OD, 1.06" ID, 0.23" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
4	Premium Single Cylinder Set	91	WE-547KC	Std Only	2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	7284M	Std-.25MM			
1	Rod Set	91	4-4455RA	.25MM			

8		1993 - 1991; 1.6L 96.9 (1588cc) SOHC L4 (12 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; VIN Code 6, Eng. Code 4XE1V				8	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	93-91	222-B177				
1	Timing Belt Tensioner	93-91	222-347BT				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	93-91	V-4353	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2346" Stem Dia., 4.141" O.A.L.		
8	Intake	93-91	V-4352	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2347" Stem Dia., 4.102" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	93-91	VG-915	Std Only	Loc. Int.; 0.234" ID, 1.651" O.A.L.		
4	Guide	93-91	VG-917	Std Only	Loc. Exh.; 0.235" ID, 1.85" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	93-91	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth		
12	Seat	93-91	245-1375-51	Std Only	Loc. Exh.; 1.382" OD, 1.06" ID, 0.28" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	92-91	584P	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.119 CD, Recessed Head .040 deep x 2.430 dia. w/4 valve reliefs, 0.7087" Pin Dia.		
4	Cast Piston - Individual	92-91	W584P	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.119 CD, Recessed Head .040 deep x 2.430 dia. w/4 valve reliefs, 0.7087" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
4	Premium Single Cylinder Set	93-91	WE-547KC	Std Only	2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	7284M	Std-.25MM			

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

8 (cont.)	1993 - 1991; 1.6L 96.9 (1588cc) SOHC L4 (12 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; VIN Code 6, Eng. Code 4XE1V				8 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Rod Set	93-91	4-4455RA .25MM	.25MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	93-91	224-43617		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93-91	260-1639		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
9	2005 - 2004; 1.6L 97.5 (1598cc) DOHC L4 (16 Valve), 79mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code D				9
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-04	7218M	Std.-25- 50MM	
1	Rod Set	05-04	4-4210CP	Std.-25- 50MM	
10	1993 - 1991; 1.6L 97.5 (1598cc) SOHC L4 (8 Valve), 79mm Bore; TBI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code 6				10
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	93-91	222-B203		2nd Design
1	Timing Belt & Tensioner Set	93-91	BTS-212		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	93-91	CS-857		Hydraulic, (050) Duration at .050 Lobe Lift
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	93-91	HT-2056	Std Only	Hyd. lash adj.
8	Lifter, Bulk	93-91	HT-2056B	Std Only	Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	93-91	V-2599	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2753" Stem Dia., 3.979" O.A.L.
4	Intake	93-91	V-3917	Std Only	Chrome plated stem; 1.496" Head Dia., 0.2757" Stem Dia., 3.978" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	93-91	VS-1564	Std Only	1.82" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
4	Rotocap	93-91	RC-166	Std Only	Loc. Exh.
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-544KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
4	Premium Single Cylinder Set	93-91	WE-544KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	7218M	Std.-25- 50MM	
1	Rod Set	93-91	4-4210CP	Std.-25- 50MM	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93-91	260-1770		Head bolts not incl.; Premium valve stem seals incl.
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
93-91	Premium valve stem seals incl.		Re-ring	205-6910	----
93-91	Premium valve stem seals incl.		Re-ring w/Mains	205-6910M	----
11	1997 - 1993; 1.8L 107.5 (1762cc) DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 8, Eng. Code 7AFE				11
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	97-93	222-B235		
1	Timing Belt Tensioner	97-93	222-340BT		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	97-93	CS-1549		Loc. Int.; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Int.
1	Camshaft	97-93	CS-1550		Loc. Exh.; Hydraulic, (050) Duration at .050 Lobe Lift, 193 Exh.
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	97-93	HT-2299	Std Only	Mech.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	97-93	V-4348	Std Only	Chrome plated stem; 0.965" Head Dia., 0.2351" Stem Dia., 3.4646" O.A.L.
8	Intake	97-93	V-4347	Std Only	Chrome plated stem; 1.221" Head Dia., 0.2354" Stem Dia., 3.445" O.A.L.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

11 (cont.)		1997 - 1993; 1.8L 107.5 (1762cc) DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 8, Eng. Code 7AFE				11 (cont.)	
VALVETRAIN							
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	97-93	VG-913	Std Only	0.237" ID, 1.52" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	97-93	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	97-93	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
8	Seat	97-93	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	97-93	VK-242	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-93	E-645KC	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-93	6680MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Thrust Washer Set	97-93	3926AF	Std Only			
1	Rod Set	97-93	4-4820A	Std-75MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-93	260-1796		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6871	----	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6871M	----	
12 1999 - 1998; 1.8L 109.4 (1794cc) DOHC L4 (16 Valve), 79mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 8, Eng. Code 1ZZFE 12							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	99	KT-4015S		Incl. Cam (1), Crank, Chain, Guide (2)		
1	Complete Set	98	KT-4015S		From 6/98; Incl. Cam (1), Crank, Chain, Guide (2)		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	99-98	V-4659	Std Only	1.0827" Head Dia., 0.2165" Stem Dia., 3.4921" O.A.L.		
8	Intake	99-98	V-4660	Std Only	1.2598" Head Dia., 0.2165" Stem Dia., 3.4882" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	99-98	7354MA	Std-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	99-98	4707F	Std Only			
1	Rod Set	99-98	4-4705A	Std-25MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-98	224-43642				
13 2004 - 2000; 1.8L 109.4 (1794cc) DOHC L4 (16 Valve), 79mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; VIN Code 8, Eng. Code 1ZZFE 13							
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-00	7354MA	Std-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	04-00	4707F	Std Only			
1	Rod Set	04-00	4-4705A	Std-25MM	A-Series aluminum bearings		
14 1993 - 1992; 1.8L 110.3 (1808cc) DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; VIN Code 8, Eng. Code 4XF1 14							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	93-92	222-B205				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	93-92	V-4379X	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2345" Stem Dia., 3.977" O.A.L.		
8	Intake	93-92	V-4354	Std Only	Chrome plated stem; 1.22" Head Dia., 0.235" Stem Dia., 3.978" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	93-92	VG-914	Std Only	Loc. Exh.; 0.2345" ID, 1.775" O.A.L.		
8	Guide	93-92	VG-915	Std Only	Loc. Int.; 0.234" ID, 1.651" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

14 (cont.)	1993 - 1992; 1.8L 110.3 (1808cc) DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; VIN Code 8, Eng. Code 4XF1				14 (cont.)
VALVETRAIN					
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	93-92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	93-92	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth
8	Seat	93-92	245-1312-65	Std Only	Loc. Int.; 1.3195" OD, 1.06" ID, 0.23" Depth
15					
2002 - 1991; 1.9L 116 (1901cc) DOHC L4 (16 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Saturn; VIN Code 7					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	98-91	KT3-1021S		(1) 222-1021; (1) 223-773; (2) 223-786
1	Complete Set	02-99	KT-4019S		Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)
1	Complete Set	98-91	KT-4030S		Incl. Cam, Crank, Chain, Tensioner, Guide (3)
1	Timing Chain	98-91	222-1021		126 Links
1	Timing Chain Tensioner	98-91	222-327CT		
1	Timing Chain Guide	98-91	222-328GP		Loc. R.H.
1	Timing Chain Guide	98-91	222-329GP		Loc. L.H.
1	Timing Chain Guide	98-91	222-330GP		Loc. Upper
1	Crank Sprocket	98-91	223-773		19 Teeth
2	Cam Sprocket	02	223-876T		
2	Cam Sprocket	01-99	223-876T		
1	Cam Sprocket	98-91	223-786		38 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	98-91	HT-2273	Std Only	Hyd. bucket type lifter; 33mm Dia.
16	Lifter, Bulk	98-91	HT-2273B	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	02-99	V-4694	Std Only	Chrome plated stem; 27.432mm Head Dia., 5.954mm Stem Dia., 95.809mm O.A.L.; New Part Number - Check for Availability
8	Exhaust	98-91	V-4508	Std Only	Chrome plated stem; 1.081" Head Dia., 0.2732" Stem Dia., 3.967" O.A.L.
8	Intake	02-99	V-4693	Std Only	Chrome plated stem; 32.309mm Head Dia., 5.966mm Stem Dia., 96.52mm O.A.L.; New Part Number - Check for Availability
8	Intake	98-91	V-4507	Std Only	Chrome plated stem; 1.272" Head Dia., 0.2738" Stem Dia., 3.996" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	02-99	VG-1412	Std Only	Loc. Int. & Exh.; 0.235" ID, 1.512" O.A.L.
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	02-91	245-1125-53	Std Only	Loc. Exh.; 1.125" OD, 0.89" ID, 0.237" Depth
8	Seat	00-93	245-1375-60	Std Only	Loc. Int.; 1.382" OD, 1.107" ID, 0.237" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	98-91	VK-283	Std Only	Loc. Int. & Exh.
32	Keeper, Bulk	98-91	VK-283B	Std Only	Loc. Int. & Exh.; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	02-99	H1118CP	Std-50-.75-1.00MM	Hypereutectic; 1.25 Groove, 1.54 Groove, 2.54 Groove, 1.035 CD, Recessed Head .060 deep w/2 valve reliefs, 19.507mm Pin Dia.
4	Cast Piston	98-95	H845CP	Std-50-.75-1.00MM	Use w/E-933K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .060 deep x 2.700 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.
4	Cast Piston	94-91	H846CP	Std-50-.75-1.00MM	Use w/E-932K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .130 deep x 2.680 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.
4	Cast Piston - Individual	98-95	WH845CP	Std-50-.75MM	Use w/E-933K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .060 deep x 2.700 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.
4	Cast Piston - Individual	94-91	WH846CP	Std-50-.75MM	Use w/E-932K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .130 deep x 2.680 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	98-95	E-933K	Std-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	94-91	E-932K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	02-91	7206MA	Std-25-50MM	A-Series aluminum bearings; Flanged upper and plain lower on No. 3 position
1	Rod Set	02-91	4-4185RA	Std-25-50MM	A-Series aluminum bearings
1	Rod Set	02-91	4-4185RA 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	02-91	4185RA	Std-25-50MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	98-91	224-53571		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

15 (cont.)		2002 - 1991; 1.9L 116 (1901cc) DOHC L4 (16 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Saturn; VIN Code 7				15 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Screen Assy.	02-94	224-15061				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95-91	260-1641	Head bolts not incl.; Grommets for Aluminum valve cover incl.; Grommets for Plastic valve cover incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
KITS							
RE-RING KIT		YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.	
95-95	Valve cover gskts. incl.; Grommets for Alum. valve covers incl.; Grommets for Plastic valve covers incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6399A	----	
94-91	Valve cover gskts. incl.; Grommets for Alum. valve covers incl.; Grommets for Plastic valve covers incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6399	----	
95-95	Valve cover gskts. incl.; Grommets for Alum. valve covers incl.; Grommets for Plastic valve covers incl.; Incl. A-Series aluminum bearings; w/flanged upper and plain lower on No. 3 position; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6399AM	----	
94-91	Valve cover gskts. incl.; Grommets for Alum. valve covers incl.; Grommets for Plastic valve covers incl.; Incl. A-Series aluminum bearings; w/flanged upper and plain lower on No. 3 position; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6399M	----	
16		2002 - 1995; 1.9L 116 (1901cc) SOHC L4 (8 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Saturn; VIN Code 8				16	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Complete Set	02-99	KT-4018S	Incl. Cam, Crank, Chain, Tensioner, Guide (2)			
1	Complete Set	98-95	KT-4026S	Incl. Cam, Crank, Chain, Tensioner, Guide (2)			
1	Timing Chain	02-99	222-4203	Single rlr.; 110 Links; 8mm Pitch; 3 Timing Marks			
1	Timing Chain	98-95	222-S92T2X	92 Links			
1	Timing Chain Tensioner	98-95	222-327CT				
1	Timing Chain Guide	98-95	222-331GP	Loc. R.H.			
1	Timing Chain Guide	98-95	222-332GP	Loc. L.H.			
1	Crank Sprocket	98-95	223-773	19 Teeth			
1	Cam Sprocket	98-95	223-786	38 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	02-95	HT-2296	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
4	Exhaust	02-95	V-4510	Std Only Chrome plated stem; 1.339" Head Dia., 0.273" Stem Dia., 5.475" O.A.L.			
4	Intake	02-95	V-4509	Std Only Chrome plated stem; 1.575" Head Dia., 0.2737" Stem Dia., 5.469" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	00-95	VG-1405T	Std Only Loc. Int. & Exh.; Threaded; 0.2755" ID, 2.125" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
8	Spring	02-95	VS-1565	Std Only Loc. Int. & Exh.; 1.9" Free Height			
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
4	Seat	00-95	245-1437-69	Std Only Loc. Exh.; 1.4375" OD, 1.14" ID, 0.237" Depth			
4	Seat	00-95	245-1687-58	Std Only Loc. Int.; 1.6875" OD, 1.397" ID, 0.257" Depth			
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
4	Cast Piston	02-00	H1118CP	Std.-50-.75-1.00MM	Hypereutectic; 1.25 Groove, 1.54 Groove, 2.54 Groove, 1.035 CD, Recessed Head .060 deep w/2 valve reliefs, 19.507mm Pin Dia.		
4	Cast Piston	99	H1119CP	Std.-50-.75-1.00MM	Hypereutectic; 1.035 CD, Dish Head .100 deep x 2.675 dia., 19.507mm Pin Dia.		
4	Cast Piston	98-95	H844CP	Std.-40-.50-.75-1.00MM	Use w/E-932K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .240 deep x 1.970 dia.; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.		
4	Cast Piston - Individual	98-95	WH844CP	Std.-50-.75MM	Use w/E-932K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .240 deep x 1.970 dia.; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	98-95	E-933K	Std.-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	02-95	7206MA	Std.-25-.50MM	A-Series aluminum bearings; Flanged upper and plain lower on No. 3 position		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

16 (cont.)	2002 - 1995; 1.9L 116 (1901cc) SOHC L4 (8 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Saturn; VIN Code 8				16 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Rod Set	02-95	4-4185RA	Std.-25-.50MM	A-Series aluminum bearings
1	Rod Set	02-95	4-4185RA 25X2	25X2-.50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	02-95	4185RA	Std.-25-.50MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	98-95	224-53571		
1	Screen Assy.	02-95	224-15060		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	02-00	260-1948		Head bolts not incl.; RTV sealant incl. for valve cover gskt.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	99-95	260-1947		Head bolts not incl.; RTV sealant incl. for valve cover gskt.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Head Bolt Set	02-95	260-2553	Std Only	Replacement recommended; New Part Number - Check for Availability
17 1994 - 1991; 1.9L 116 (1901cc) SOHC L4 (8 Valve), 82mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Saturn; VIN Code 9 17					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	94-91	222-S92T2X		92 Links
1	Timing Chain Tensioner	94-91	222-327CT		
1	Timing Chain Guide	94-91	222-331GP		Loc. R.H.
1	Timing Chain Guide	94-91	222-332GP		Loc. L.H.
1	Crank Sprocket	94-91	223-773		19 Teeth
1	Cam Sprocket	94-91	223-786		38 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
8	Lifter	94-92	HT-2296	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	94-91	V-4510	Std Only	Chrome plated stem; 1.339" Head Dia., 0.273" Stem Dia., 5.475" O.A.L.
4	Intake	94-91	V-4509	Std Only	Chrome plated stem; 1.575" Head Dia., 0.2737" Stem Dia., 5.469" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	94-91	VG-1405T	Std Only	Loc. Int. & Exh.; Threaded; 0.2755" ID, 2.125" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	94-91	VS-1565	Std Only	Loc. Int. & Exh.; 1.9" Free Height
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	94-91	245-1437-69	Std Only	Loc. Exh.; 1.4375" OD, 1.14" ID, 0.237" Depth
4	Seat	94-91	245-1687-58	Std Only	Loc. Int.; 1.6875" OD, 1.397" ID, 0.257" Depth
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	94-91	H844CP	Std.-40-.50-.75-1.00MM	Use w/E-932K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .240 deep x 1.970 dia.; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.
4	Cast Piston - Individual	94-91	WH844CP	Std.-50-.75MM	Use w/E-932K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .240 deep x 1.970 dia.; DUROSHIELD® skirt coated piston, 0.768" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	94-91	E-932K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	94-91	7206MA	Std.-25-.50MM	A-Series aluminum bearings; Flanged upper and plain lower on No. 3 position
1	Rod Set	94-91	4-4185RA	Std.-25-.50MM	A-Series aluminum bearings
1	Rod Set	94-91	4-4185RA 25X2	25X2-.50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	94-91	4185RA	Std.-25-.50MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	94-91	224-53571		
1	Screen Assy.	94	224-15060		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	94-91	260-1642		Head bolts not incl.; RTV sealant incl. for valve cover gskt.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Head Bolt Set	94-91	260-2553	Std Only	Replacement recommended; New Part Number - Check for Availability
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
94-91	Incl. A-Series aluminum bearings; Premium valve stem seals incl.			205-6400	----
94-91	Incl. A-Series aluminum bearings; w/flanged upper and plain lower on No. 3 position; Premium valve stem seals incl.			205-6400M	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

17 (cont.)	1994 - 1991; 1.9L 116 (1901cc) SOHC L4 (8 Valve), 82mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Saturn; VIN Code 9				17 (cont.)
KITS					
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
94-91		Block Kit w/Premium Rings		BK-6000	----
18	2007 - 2004; 2.0L 122 (1998cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Supercharged Opel Eng.; VIN Code P				18
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	07-05	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	07-05	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	07	HT-2307	Std Only	
16	Lifter	06	HT-2307	Std Only	
16	Lifter	05	HT-2307	Std Only	
16	Lifter	04	HT-2307	Std Only	
BLOCK					
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Pump Repair Kit	07-05	224-53581		
19	2010 - 2007; 2.0L 122 (1998cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Turbo - Intercooled Opel Eng.; VIN Code X				19
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10-07	HT-2307	Std Only	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	10-09	7421M	Std-10-20-30	
1	Rod Set	10-07	4-4970P	Std-10-20-30	
20	1994 - 1992; 2.0L 122 (1998cc) SOHC L4 (8 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code H				20
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	94-92	222-B163	125 teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	94-92	CS-838	Hydraulic, (050) Duration at .050 Lobe Lift, 214 Exh., 214 Int., 120 Degrees Lobe Separation	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
8	Lifter	94-92	HT-2056	Std Only Hyd. lash adj.	
8	Lifter, Bulk	94-92	HT-2056B	Std Only Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
8	Arm	94-92	R-909	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
4	Exhaust	94-92	V-3949	Std Only Chrome plated stem; 1.439" Head Dia., 0.275" Stem Dia., 4.075" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	94-92	VG-1318	Std Only 0.2771" ID, 1.79" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
8	Spring	94-92	VS-1563	Std Only 1.825" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
8	Valve Stem Seal	94-92	ST-2105	Std Only Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
4	Seat	94-92	245-1500-62	Std Only Loc. Exh.; 1.304" ID top taper; 1.507" OD, 1.22" ID, 0.31" Depth	
4	Seat	94-92	245-1812-54	Std Only Loc. Int.; 1.8195" OD, 1.405" ID, 0.315" Depth	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
4	Cast Piston	94-92	H821CP	Std-50-.75-1.00MM Hypereutectic; 2-, 1.50mm Groove, 1 - 3.00mm Groove, 1.177 CD, Recessed Head .200 deep x 2.250 dia.; DUROSHIELD® skirt coated piston, 0.827" Pin Dia.	
4	Cast Piston - Individual	94-92	WH821CP	Std-50-.75-1.00MM Hypereutectic; 2-, 1.50mm Groove, 1 - 3.00mm Groove, 1.177 CD, Recessed Head .200 deep x 2.250 dia.; DUROSHIELD® skirt coated piston, 0.827" Pin Dia.	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	94-92	E-539KC	Std-50-.75MM 2-1.50MM, 1-3.00MM; Premium Chrome	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

20 (cont.)	1994 - 1992; 2.0L 122 (1998cc) SOHC L4 (8 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code H				20 (cont.)
BLOCK					
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Standard Set	94-92	E-539X	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	94-92	WE-539KC	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	94-92	7108M	Std.-25-.50MM	
1	Rod Set	94-92	4-1490CPA	Std.-25-.50-.75MM	
4	Rod Pair	94-92	1490CPA	Std.-25-.50-.75MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	94-92	224-43507		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	94-92	260-1459		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Head Bolt Set	94-92	260-2502	Std Only	Replacement required
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	94-92	381-8087		
1	Brass Deep Cup Freeze Plug	94-92	381-9006		34.3mm Diameter
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-92	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6130	205-1130
94-92	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6130M	205-1130M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-92	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			BK-6100	----
94-92	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			BKP-6100	----
21	1991; 2.0L 122 (1998cc) SOHC L4 (8 Valve), 86mm Bore; TBI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code K				21
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	91	222-B163		125 teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
8	Lifter	91	HT-2056	Std Only	Hyd. lash adj.
8	Lifter, Bulk	91	HT-2056B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm	91	R-909	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	91	V-3949	Std Only	Chrome plated stem; 1.439" Head Dia., 0.275" Stem Dia., 4.075" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	91	VG-1318	Std Only	0.2771" ID, 1.79" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	91	VS-1563	Std Only	1.825" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	91	ST-2105	Std Only	Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	91	245-1500-62	Std Only	Loc. Exh.; 1.304" ID top taper; 1.507" OD, 1.22" ID, 0.31" Depth
4	Seat	91	245-1812-54	Std Only	Loc. Int.; 1.8195" OD, 1.405" ID, 0.315" Depth
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	91	E-539KC	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Chrome
1	Standard Set	91	E-539X	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	91	WE-539KC	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	91	7108M	Std.-25-.50MM	
1	Rod Set	91	4-1490CPA	Std.-25-.50-.75MM	
4	Rod Pair	91	1490CPA	Std.-25-.50-.75MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	91	224-43507		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	91	260-1459		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

21 (cont.)		1991; 2.0L 122 (1998cc) SOHC L4 (8 Valve), 86mm Bore; TBI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code K				21 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	91	260-2502	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	91	381-8087				
1	Brass Deep Cup Freeze Plug	91	381-9006		34.3mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
91-91	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				205-6130	205-1130	
91-91	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.				205-6130M	205-1130M	
22		2002 - 1992; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4				22	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	02-94	KT3-370SA		Incl. silent type chain; (1) 222-370; (1) 223-549; (1) 223-774		
1	Timing Set w/Gaskets	02-94	CTS-1007		New Part Number - Check for Availability		
1	Timing Chain	02-92	222-370		Silent type; 58 Links		
1	Timing Chain Tensioner	02-92	222-115CT				
1	Crank Sprocket	02-92	223-549		20 Teeth		
1	Cam Sprocket	02-94	223-774		40 teeth; 40 Teeth		
1	Cam Sprocket	93-92	223-558		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	02-94	CS-1579		Hydraulic Roller		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	02-94	HT-2270	Std Only	Hyd. rlr.		
8	Lifter	93-92	HT-969	Std Only	Hyd.; w/.440" wide oil groove		
8	Lifter, Bulk	02-94	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
8	Lifter, Bulk	93-92	HT-969B	Std Only	Hyd.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	02-94	KC-1579		Hyd. rlr.; (1) 55-403B; (1) CS-1579; (8) HT-2270		
1	Cam/Lifter Kit	93-92	KC-811		Hyd.; (1) 55-403B; (1) CS-811; (8) HT-969		
1	Cam/Lifter/Timing Kit	93-92	KCT-811		Hyd.; Incl. silent type chain; (1) 55-403B; (1) CS-811; (8) HT-969; (1) KT3-370S		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
8	Push Rod	02-98	RP-3341	Std Only	7.448" O.A.L.		
8	Push Rod	97-94	RP-3328	Std Only	7.406" O.A.L.		
8	Push Rod	93-92	RP-3282	Std Only	7.701" O.A.L.		
8	Push Rod, Bulk	97-94	BRP-3328	Std Only	Carton of 100; 7.406" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	02-98	R-1117	Std Only	Incl. arm, bearing, bolt, shaft & support		
8	Arm Assy.	97-92	R-1090	Std Only	Incl. arm, ball & nut		
8	Arm	97-92	R-1090A	Std Only			
8	Nut	97-92	MR-1882	Std Only	8MM x 1.25MM Thread		
8	Pivot	97-92	MR-1926	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	02-98	V-4558	Std Only	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5" O.A.L.		
4	Exhaust	97-94	V-4336	Std-15	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5.142" O.A.L.		
4	Exhaust	93-92	V-2648	Std Only	Eighth digit Cast. No. not followed by an "S"; Chrome plated stem; 1st design; 1.4567" Head Dia., 0.3132" Stem Dia., 5.1634" O.A.L.		
4	Exhaust	93-92	V-4336	Std-15	2nd Design; Eighth digit Cast. No. followed by an "S"; Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5.142" O.A.L.		
4	Exhaust, Bulk	97-94	V-4336B 15	15	Chrome plated stem; Carton of 25; 1.457" Head Dia., 0.2888" Stem Dia., 5.142" O.A.L.		
4	Exhaust, Bulk	93-92	V-4336B 15	15	2nd Design; Eighth digit Cast. No. followed by an "S"; Chrome plated stem; Carton of 25; 1.457" Head Dia., 0.2888" Stem Dia., 5.142" O.A.L.		
4	Intake	02-98	V-4572	Std Only	Chrome plated stem; 1.732" Head Dia., 0.2746" Stem Dia., 5.2846" O.A.L.		
4	Intake	97-94	V-4346	Std-15	Chrome plated stem; 1.732" Head Dia., 0.2742" Stem Dia., 5.465" O.A.L.		
4	Intake	93-92	V-2649	Std Only	Eighth digit Cast. No. not followed by an "S"; Chrome plated stem; 1st design; 1.732" Head Dia., 0.3136" Stem Dia., 5.457" O.A.L.		
4	Intake	93-92	V-4346	Std-15	2nd Design; Eighth digit Cast. No. followed by an "S"; Chrome plated stem; 1.732" Head Dia., 0.2742" Stem Dia., 5.465" O.A.L.		
4	Intake, Bulk	97-94	V-4346B 15	15	Chrome plated stem; Carton of 25; 1.732" Head Dia., 0.2892" Stem Dia., 5.465" O.A.L.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

22 (cont.)	2002 - 1992; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4				22 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
4	Intake, Bulk	93-92	V-4346B 15	15	2nd Design; Eighth digit Cast. No. followed by an "S"; Chrome plated stem; Carton of 25; 1.732" Head Dia., 0.2892" Stem Dia., 5.465" O.A.L.
4	VALVE GUIDE Guide	93-92	VG-1320	Std Only	Loc. Exh.; 0.315" ID, 2.32" O.A.L.
8	VALVE SPRING Spring	02-98	VS-1644	Std Only	Loc. Int. & Exh.; Conical design; 1.91" Free Height
8	Spring	97-94	VS-1628	Std Only	Loc. Int. & Exh.; 1.945" Free Height
8	Spring	93-92	VS-1628	Std Only	Loc. Int. & Exh.; w/7.0mm valve stem dia.; 1.945" Free Height
8	Spring	93-92	VS-1629	Std Only	Loc. Int. & Exh.; Conical design; Use w/8.0MM valve stem diameter; 1.89" Free Height
8	VALVE SEAL Valve Stem Seal	98-96	ST-2129	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
4	Valve Stem Seal	93-92	ST-2044	Std Only	Loc. Int.; 1st Design; Eighth digit Cast. No. not followed by an "S"; Positive type; (RBB) Rubber
4	Valve Stem Seal	93-92	ST-2090	Std Only	Loc. Exh.; Positive type; (V) Fluoroelastomer
4	VALVE SEAT Seat	97-92	245-1562-66	Std Only	Loc. Exh.; 1.5695" OD, 1.265" ID, 0.28" Depth
4	Seat	97-92	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth
16	VALVE, MISC Keeper	02-94	VK-283	Std Only	Loc. Int. & Exh.
16	Keeper	93-92	VK-216	Std Only	Loc. Int. & Exh.; 1 groove
16	Keeper, Bulk	02-94	VK-283B	Std Only	Loc. Int. & Exh.; Carton of 100
16	Keeper, Bulk	93-92	VK-216B	Std Only	Loc. Int. & Exh.; 1 groove; Carton of 1000
BLOCK					
4	PISTON Cast Piston	02-98	H851CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .065 deep x 2.650 dia.; DUROSHIELD® skirt coated piston, 0.8005" Pin Dia.
4	Cast Piston	97-92	H637CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.172 CD, Recessed Head .200 deep x 2.920 dia., 0.8001" Pin Dia.
4	Cast Piston - Individual	02-98	WH851CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .065 deep x 2.650 dia.; DUROSHIELD® skirt coated piston, 0.8005" Pin Dia.
4	Cast Piston - Individual	97-92	WH637CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.172 CD, Recessed Head .200 deep x 2.920 dia., 0.8001" Pin Dia.
1	RINGS Premium Set	02-92	E-531K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Standard Set	02-92	E-531X	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	02-92	WE-531K	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly
4	Standard Single Cylinder Set	02-92	WE-531X	Std-50-75MM	2-1.50MM, 1-3.00MM; Iron
1	ENGINE BEARINGS Main Set	02-98	7369MA	Std-25-50-75-1.00MM	A-Series aluminum bearings
1	Main Set	97-92	7047MA	Std-25-50-75MM	A-Series aluminum bearings
1	Rod Set	02-92	4-2020CP	Std-1-10-20-30-40	
4	Rod Pair	02-92	2020CP	Std-1-2-10-20-30-40-50	
1	Cam Set	02-92	1485M	Std-2	Full round design
1	OIL PUMP Oil Pump	02-94	224-43563		
1	Oil Pump	93-92	224-4151		
1	Inter. Shaft	02-92	224-6151		
1	Oil Pump Shaft Guide	00-92	224-43351		Nylon
1	Screen Assy.	02-94	224-14272		
1	GASKETS Kit Gasket Set	02-98	260-1884		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	97-94	260-1749		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	93	260-1562		w/8mm valve stem diameter; Eighth digit of head casting is not followed by an "S"; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	93	260-1749		w/7mm valve stem diameter; Eighth digit of head casting is followed by an "S"; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	92	260-1562		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Head Bolt Set	02-98	260-2539	Std Only	Replacement recommended; New Part Number - Check for Availability

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

22 **2002 - 1992; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally** **22**
(cont.) **Aspirated GMC Eng.; Chevrolet; VIN Code 4** **(cont.)**

BLOCK

QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Head Bolt Set	97-95	260-2541	Std Only	Replacement recommended; New Part Number - Check for Availability
1	Head Bolt Set	94-93	260-2530	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	02-98	381-9699		
1	Brass Block Plug Kit	97-92	381-9698		

KITS

RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
02-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6909	205-1909
02-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6909M	205-1909M
97-93	w/7.0mm valve stem dia.; Eighth digit Cast. No. followed by an "S"; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.	Re-ring		205-6407	205-1407
97-93	w/7.0mm valve stem dia.; Eighth digit Cast. No. followed by an "S"; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.	Re-ring w/Mains		205-6407M	205-1407M
93-92	w/8.0mm valve stem dia.; Eighth digit Cast. No. not followed by an "S"; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.	Re-ring		205-6218	205-1218
93-92	w/8.0mm valve stem dia.; Eighth digit Cast. No. not followed by an "S"; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.	Re-ring w/Mains		205-6218M	205-1218M
OVERHAUL KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
02-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6005	----
97-93	w/7.0mm valve stem dia.; Eighth digit Cast. No. followed by an "S"; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings.	Block Kit w/Premium Rings		BK-6008	----
93-92	w/8.0mm valve stem dia.; Eighth digit Cast. No. not followed by an "S"; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings.	Block Kit w/Premium Rings		BK-6007	----
93-92	w/8.0mm valve stem dia.; Eighth digit Cast. No. not followed by an "S"; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; Incl. silent type chain	Master w/o Pistons		MK-6218A	MK-1218A

23 **1991; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; TBI; Gasoline; Naturally** **23**
Aspirated GMC Eng.; Chevrolet; VIN Code G

VALVETRAIN

QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	91	222-370		Silent type; 58 Links
1	Timing Chain Tensioner	91	222-115CT		
1	Crank Sprocket	91	223-549		20 Teeth
1	Cam Sprocket	91	223-558		40 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
8	Lifter	91	HT-969	Std Only	Hyd.; w/.440" wide oil groove
8	Lifter, Bulk	91	HT-969B	Std Only	Hyd.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	91	KC-811		Hyd.; (1) 55-403B; (1) CS-811; (8) HT-969
1	Cam/Lifter/Timing Kit	91	KCT-811		Hyd.; Incl. silent type chain; (1) 55-403B; (1) CS-811; (8) HT-969; (1) KT3-370S
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
8	Push Rod	91	RP-3282	Std Only	7.701" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm Assy.	91	R-1090	Std Only	Incl. arm, ball & nut
8	Arm	91	R-1090A	Std Only	
8	Nut	91	MR-1882	Std Only	8MM x 1.25MM Thread

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

23 (cont.)		1991; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code G				23 (cont.)
VALVETRAIN						
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Pivot	91	MR-1926	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	91	V-2442	Std Only	Chrome plated stem; 1.4567" Head Dia., 0.3132" Stem Dia., 5.165" O.A.L.	
4	Intake	91	V-2443	Std Only	Chrome plated stem; 1.6929" Head Dia., 0.3136" Stem Dia., 5.456" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	91	VG-1320	Std Only	Loc. Exh.; 0.315" ID, 2.32" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-907	Std Only	Loc. Int. & Exh.; 2.098" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
4	Valve Stem Seal	91	ST-2044	Std Only	Loc. Int.; 1st Design; Eighth digit Cast. No. not followed by an "S"; Positive type; (RBB) Rubber	
4	Valve Stem Seal	91	ST-2090	Std Only	Loc. Exh.; Positive type; (V) Fluoroelastomer	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1562-66	Std Only	Loc. Exh.; 1.5695" OD, 1.265" ID, 0.28" Depth	
4	Seat	91	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	91	VK-216	Std Only	Loc. Int. & Exh.; 1 groove	
16	Keeper, Bulk	91	VK-216B	Std Only	Loc. Int. & Exh.; 1 groove; Carton of 1000	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	91	569P	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .225 deep x 2.920 dia., 0.8001" Pin Dia.	
4	Cast Piston - Individual	91	W569P	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.162 CD, Recessed Head .225 deep x 2.920 dia., 0.8001" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-531K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
1	Standard Set	91	E-531X	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Iron	
4	Premium Single Cylinder Set	91	WE-531K	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly	
4	Standard Single Cylinder Set	91	WE-531X	Std.-50-.75MM	2-1.50MM, 1-3.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	7047MA	Std.-25-.50-.75MM	A-Series aluminum bearings	
1	Rod Set	91	4-2020CP	Std-1-10-20-30-40		
4	Rod Pair	91	2020CP	Std-1-2-10-20-30-40-50		
1	Cam Set	91	1485M	Std-2	Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-4151			
1	Inter. Shaft	91	224-6151			
1	Oil Pump Shaft Guide	91	224-43351		Nylon	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1227		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6131	205-1131
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6131M	205-1131M
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6006	----
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Master	MKP-6131A	MKP-1131A
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Master w/o Pistons	MK-6131A	MK-1131A
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-6131A	505-1131A
24						
2003 - 2002; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code 2						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	03-02	HT-2307	Std Only		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

24 (cont.)		2003 - 2002; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code 2				24 (cont.)	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	03-02	V-4674X	Std Only			
8	Intake	03-02	V-4673	Std Only			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	03-02	245-1437-69	Std Only	Loc. Int.; 1.4375" OD, 1.14" ID, 0.237" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	03-02	H1120CPA	Std-50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
4	Cast Piston	03-02	H1120CT	Std-50-.75-1.00MM	Hypereutectic; 1.25 Groove, 1.54 Groove, 2.54 Groove, 1.041 CD, Dish Head .025 deep x 2.756 dia., 19.992mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-02	E-971K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-02	7421M	Std-10-20-30			
1	Rod Set	03-02	4-4970P	Std-10-20-30			
2	Balance Shaft Bearing	03-02	4971DR	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	03-02	260-1962		w/A/T; Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	03-02	260-1963		w/A/T; California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	03-02	260-1963		w/M/T; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
25		2005 - 2003; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Flex Fuel; Naturally Aspirated Opel Eng.; VIN Code 6				25	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	05-03	KT-4016S		Incl. Cam, Crank, Chain, Tensioner, Guide (3)		
1	Complete Set	05-03	KT-4017S		Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	05-03	CS-1586		Intake; New Part Number - Check for Availability		
1	Camshaft	05-03	CS-1588		Exhaust; New Part Number - Check for Availability		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	05-03	HT-2307	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-03	V-4674X	Std Only			
8	Intake	05-03	V-4673	Std Only			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	05-03	245-1437-69	Std Only	Loc. Int.; 1.4375" OD, 1.14" ID, 0.237" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	05-03	H1120CPA	Std-50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
4	Cast Piston	05-03	H1120CT	Std-50-.75-1.00MM	Hypereutectic; 1.25 Groove, 1.54 Groove, 2.54 Groove, 1.041 CD, Dish Head .025 deep x 2.756 dia., 19.992mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-03	E-971K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	05-03	7421M	Std-10-20-30			
1	Rod Set	05-03	4-4970P	Std-10-20-30			
2	Balance Shaft Bearing	05-03	4971DR	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	05-03	224-53581				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	05-03	260-1961		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
26		2008 - 2000; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code F				26	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	08	KT-4016S		Incl. Cam, Crank, Chain, Tensioner, Guide (3)		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

26 (cont.)	2008 - 2000; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code F				26 (cont.)
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	08	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	07	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	07	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	06	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	06	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	05	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	05	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	04	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	04	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	03	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	03	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	02	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	02	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	01	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	01	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
1	Complete Set	00	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)	
1	Complete Set	00	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	06-02	CS-1586	Intake; New Part Number - Check for Availability	
1	Camshaft	06-02	CS-1588	Exhaust; New Part Number - Check for Availability	
1	Prelube		55-400	Std Only	
1	Prelube		55-403	Std Only	
16	Lifter	08-02	HT-2307	Std Only	
4	Prelube		55-403	Std Only	
16	Lifter	08-02	HT-2307	Std Only	
1.5 oz.	packet			1.5 oz. packet	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	08-00	V-4674X	Std Only	
8	Intake	08-00	V-4673	Std Only	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	08-02	245-1437-69	Std Only	
				Loc. Int.; 1.4375" OD, 1.14" ID, 0.237" Depth	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
4	Cast Piston	08-02	H1120CPA	Std-50-.75-1.00MM	
4	Cast Piston	08-02	H1120CT	Std-50-.75-1.00MM	
				Hypereutectic; New Part Number - Check for Availability	
				Hypereutectic; 1.25 Groove, 1.54 Groove, 2.54 Groove, 1.041 CD, Dish Head .025 deep x 2.756 dia., 19.992mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	08-00	E-971K	Std-50-.75-1.00MM	
				1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	08-02	7421M	Std-10-20-30	
1	Rod Set	08-02	4-4970P	Std-10-20-30	
2	Balance Shaft Bearing	05-00	4971DR	Std Only	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Pump Repair Kit	08-02	224-53581		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	06-04	260-1961	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03-02	260-1961	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03-02	260-1962	w/A/T; Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03-02	260-1963	w/A/T; California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03-02	260-1963	w/M/T; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	01	260-1962	w/A/T; Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	01	260-1963	w/A/T; California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

26 (cont.)		2008 - 2000; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code F				26 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01	260-1963		w/MT; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	00	260-1962		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
27		2010 - 2009; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec VVT; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code H				27	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-09	HT-2307	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	10-09	V-4674X	Std Only			
8	Intake	10-09	V-4673	Std Only			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	10-09	245-1437-69	Std Only	1.4375" OD, 1.14" ID, 0.237" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	10-09	7421M	Std-10-20-30			
1	Rod Set	10-09	4-4970P	Std-10-20-30			
28		1995 - 1991; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code D				28	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	94-91	KT3-D130SA		1st Design; (1) 222-D130; (1) 223-653; (2) 223-692		
1	Complete Set	95-92	KT-1032S				
1	Complete Set	91	KT-1032S		2nd design; Has 1 row of teeth; Incl. 2 cam sprockets		
1	Timing Chain	95-92	222-383		Inverted tooth; 130 Links		
1	Timing Chain	91	222-383		2nd Design; Inverted tooth; 130 Links		
1	Timing Chain Tensioner	95-92	222-294CT				
1	Timing Chain Tensioner	94-91	222-268GP		1st Design; Use w/222-188CT; Tensioner shoe		
1	Timing Chain Tensioner	91	222-188CT		1st Design; Use w/222-268GP		
1	Timing Chain Tensioner	91	222-294CT		2nd Design; Inverted tooth		
1	Timing Chain Guide	95-92	222-304GP		Loc. R.H.		
1	Timing Chain Guide	95-92	222-305GP		Loc. L.H.		
1	Timing Chain Guide	95-92	222-306GP		Loc. Upper		
1	Timing Chain Guide	91	222-304GP		Loc. R.H.; 2nd Design		
1	Timing Chain Guide	91	222-305GP		Loc. L.H.; 2nd Design		
1	Timing Chain Guide	91	222-306GP		Loc. Upper; 2nd Design		
1	Crank Sprocket	95-92	223-747		19 Teeth		
1	Crank Sprocket	91	223-747		2nd Design; 19 Teeth		
2	Cam Sprocket	95-92	223-734		38 Teeth		
2	Cam Sprocket	91	223-734		2nd Design; 38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	95	HT-2273	Std Only	Hyd. bucket type lifter; 33mm Dia.		
16	Lifter	94-91	HT-2236	Std Only	Hyd. bucket type lifter		
16	Lifter, Bulk	95	HT-2273B	Std Only			
16	Lifter, Bulk	94-91	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	95-91	V-2612	Std-15	2nd Design; Chrome plated stem; 1.239" Head Dia., 0.2745" Stem Dia., 4.308" O.A.L.		
8	Exhaust, Bulk	95-91	V-2612B	Std-15	Chrome plated stem; Carton of 25; 1.239" Head Dia., 0.2745" Stem Dia., 4.308" O.A.L.		
8	Intake	95-91	V-2613	Std-15	2nd Design; Chrome plated stem; 1.441" Head Dia., 0.275" Stem Dia., 4.328" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	95-91	VS-1530	Std Only	Loc. Int. & Exh.; 1.78" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	95-91	ST-2117	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-91	VK-292	Std Only	Loc. Int. & Exh.		
16	Rotocap	95-91	RC-164	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	95-91	H566P	Std-50-.75-1.00MM	Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .120 deep x 2.895 dia. - 9.5:1 C.R., 0.8661" Pin Dia.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

28 (cont.)	1995 - 1991; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code D				28 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
4	Cast Piston - Individual	95-91	WH566P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .120 deep x 2.895 dia. - 9.5:1 C.R., 0.8661" Pin Dia.
4	Pin Bushing	91	1544Y		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	95-91	E-535K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Standard Set	95-91	E-535X	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	95-91	WE-535K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	95-91	7054MA	Std-25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	95-91	4-1540A	Std-25-.50-.75MM	A-Series aluminum bearings
4	Rod Pair	95-91	1540A	Std-25-.50-.75MM	A-Series aluminum bearings
1	Bal. Shaft Set	95	1883M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	95	224-43573		
1	Oil Pump	94-91	224-43435		
1	Screen Assy.	94-91	224-14279		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	95	260-1926		1st Design; Head bolts not incl.; Exh. pipe packing not incl.; 20 hole timing cover gskt. 0.70mm thick incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95	260-1927		2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; 21 hole timing cover gskt. 3.40mm thick incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	94-92	260-1644		1st Design; Head bolts not incl.; Timing cover gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	94-92	260-1644		2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	91	260-1460		1st Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	91	260-1460		2nd Design; Head bolts not incl.; Timing cover gskts. not incl.; Valve cover seals not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	95-91	260-2506	Std Only	Replacement recommended
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
91-91	2nd design front cover gskts. not incl.; Head bolts not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6132	----
91-91	2nd design front cover gskts. not incl.; Head bolts not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6132M	----
94-92	1st Design; Head bolts not incl.; Front cover gskts. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6353	205-1353
94-92	2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6353	205-1353
94-92	1st Design; Head bolts not incl.; Front cover gskts. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6353M	205-1353M
94-92	2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6353M	205-1353M
91-91	2nd Design; Head bolts not incl.; Front cover gskts. not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	----	205-1132
91-91	2nd Design; Head bolts not incl.; Front cover gskts. not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	----	205-1132M

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

28 (cont.)		1995 - 1991; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code D				28 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
91-91	1st Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring			205-6132	205-1132	
91-91	1st Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6132M	205-1132M	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
94-92	1st Design; Head bolts not incl.; Front cover gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings			BK-6010	----	
94-92	2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings			BK-6010	----	
91-91	1st Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings			BK-6011	----	
91-91	2nd Design; Head bolts not incl.; Front cover gskts. not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings			BK-6011	----	
29		1994 - 1991; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4 H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code A				29	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	94-91	KT3-D130SA		1st Design; (1) 222-D130; (1) 223-653; (2) 223-692		
1	Complete Set	94-92	KT-1032S				
1	Complete Set	91	KT-1032S		2nd design; Has 1 row of teeth; Incl. 2 cam sprockets		
1	Timing Chain	94-92	222-383		Inverted tooth; 130 Links		
1	Timing Chain	91	222-383		2nd Design; Inverted tooth; 130 Links		
1	Timing Chain Tensioner	94-92	222-188CT		1st design; Tens & shoe are separate asm; Tens can be used w/ or w/o spring		
1	Timing Chain Tensioner	94-92	222-294CT				
1	Timing Chain Tensioner	94-91	222-268GP		1st Design; Use w/222-188CT; Tensioner shoe		
1	Timing Chain Tensioner	91	222-188CT		1st Design; Use w/222-268GP		
1	Timing Chain Tensioner	91	222-294CT		2nd Design; Inverted tooth		
1	Timing Chain Guide	94-92	222-304GP		Loc. R.H.		
1	Timing Chain Guide	94-92	222-305GP		Loc. L.H.		
1	Timing Chain Guide	94-92	222-306GP		Loc. Upper		
1	Timing Chain Guide	91	222-304GP		Loc. R.H.; 2nd Design		
1	Timing Chain Guide	91	222-305GP		Loc. L.H.; 2nd Design		
1	Timing Chain Guide	91	222-306GP		Loc. Upper; 2nd Design		
1	Crank Sprocket	94-92	223-747		19 Teeth		
1	Crank Sprocket	91	223-747		2nd Design; 19 Teeth		
2	Cam Sprocket	94-92	223-734		38 Teeth		
2	Cam Sprocket	91	223-734		2nd Design; 38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	94-91	HT-2236	Std Only	Hyd. bucket type lifter		
16	Lifter, Bulk	94-91	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-91	V-2612	Std-15	2nd Design; Chrome plated stem; 1.239" Head Dia., 0.2745" Stem Dia., 4.308" O.A.L.		
8	Exhaust, Bulk	94-91	V-2612B	Std-15	Chrome plated stem; Carton of 25; 1.239" Head Dia., 0.2745" Stem Dia., 4.308" O.A.L.		
8	Intake	94-91	V-2613	Std-15	2nd Design; Chrome plated stem; 1.441" Head Dia., 0.275" Stem Dia., 4.328" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	94-91	VS-1530	Std Only	Loc. Int. & Exh.; 1.78" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	94-91	ST-2117	Std Only	Loc. Int. & Exh.; O.E. design; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	94-91	VK-292	Std Only	Loc. Int. & Exh.		
16	Rotocap	94-91	RC-164	Std Only	Loc. Int. & Exh.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

29 (cont.)	1994 - 1991; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4 H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code A					29 (cont.)
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	94-91	H566P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .120 deep x 2.895 dia. - 9.5:1 C.R., 0.8661" Pin Dia.	
4	Cast Piston - Individual	94-91	WH566P	Std-50-75-1.00MM		
4	Pin Bushing	91	1544Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-91	E-535K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
1	Standard Set	94-91	E-535X	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Iron	
4	Premium Single Cylinder Set	94-91	WE-535K	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	94-91	7054MA	Std-25-50-75MM	A-Series aluminum bearings	
1	Rod Set	94-91	4-1540A	Std-25-50-75MM	A-Series aluminum bearings	
4	Rod Pair	94-91	1540A	Std-25-50-75MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	94-91	224-43435			
1	Screen Assy.	94-91	224-14279			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-92	260-1644		1st Design; Head bolts not incl.; Timing cover gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94-92	260-1644		2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1460		1st Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1460		2nd Design; Head bolts not incl.; Timing cover gskts. not incl.; Valve cover seals not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	94-91	260-2506	Std Only	Replacement recommended	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	2nd design front cover gskts. not incl.; Head bolts not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6132	----
91-91	2nd design front cover gskts. not incl.; Head bolts not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6132M	----
94-92	1st Design; Head bolts not incl.; Front cover gskts. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6353	205-1353
94-92	2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6353	205-1353
94-92	1st Design; Head bolts not incl.; Front cover gskts. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6353M	205-1353M
94-92	2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6353M	205-1353M
91-91	2nd Design; Head bolts not incl.; Front cover gskts. not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		----	205-1132
91-91	2nd Design; Head bolts not incl.; Front cover gskts. not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		----	205-1132M
91-91	1st Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6132	205-1132
91-91	1st Design; Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6132M	205-1132M

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

29 (cont.)		1994 - 1991; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4 H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code A				29 (cont.)	
KITS							
OVERHAUL KIT							
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.
94-92	1st Design; Head bolts not incl.; Front cover gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings				BK-6010	----
94-92	2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings				BK-6010	----
91-91	1st Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings				BK-6011	----
91-91	2nd Design; Head bolts not incl.; Front cover gskts. not incl.; Cam housing seals not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings				BK-6011	----
30		1994 - 1992; 2.3L 138 (2260cc) SOHC L4 (8 Valve), 92mm Bore Quad OHC; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code 3				30	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	94-92	KT3-384S		Incl. Cam, Crank, Chain		
1	Complete Set	94-92	KT-4022S		Incl. Cam, Crank, Chain, Tensioner, Guide (2)		
1	Timing Chain Tensioner	94-92	222-294CT				
1	Timing Chain Guide	94-92	222-305GP		Loc. L.H.		
1	Timing Chain Guide	94-92	222-307GP		Loc. R.H.		
1	Crank Sprocket	94-92	223-747		19 Teeth		
1	Cam Sprocket	94-92	223-734		38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	94-92	HT-2236	Std Only	Hyd. bucket type lifter		
8	Lifter, Bulk	94-92	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	94-92	V-2612	Std-15	Chrome plated stem; 1.239" Head Dia., 0.2745" Stem Dia., 4.308" O.A.L.		
4	Exhaust, Bulk	94-92	V-2612B	Std-15	Chrome plated stem; Carton of 25; 1.239" Head Dia., 0.2745" Stem Dia., 4.308" O.A.L.		
4	Intake	94-92	V-2613	Std-15	Chrome plated stem; 1.441" Head Dia., 0.275" Stem Dia., 4.328" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	94-92	VS-1530	Std Only	Loc. Int. & Exh.; 1.78" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	94-92	VK-292	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	94-92	H566P	Std-50-75-1.00MM	Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .120 deep x 2.895 dia. - 9.5:1 C.R., 0.8661" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-92	E-535K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
1	Standard Set	94-92	E-535X	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Iron		
4	Premium Single Cylinder Set	94-92	WE-535K	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-92	7054MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	94-92	4-1540A	Std-25-50-75MM	A-Series aluminum bearings		
4	Rod Pair	94-92	1540A	Std-25-50-75MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-92	224-43435				
1	Screen Assy.	94-92	224-14279				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-92	260-1645		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	94-92	260-2506	Std Only	Replacement recommended		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.
94-92	Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring				205-6386	205-1386

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

30 (cont.)	1994 - 1992; 2.3L 138 (2260cc) SOHC L4 (8 Valve), 92mm Bore Quad OHC; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code 3				30 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-92	Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6386M	205-1386M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-92	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6012	----
31	2010 - 2007; 2.4L 145.5 (2384cc) DOHC L4 (16 Valve), 88mm Bore Ecotec; MFI; Hybrid (Gas/Electric); Naturally Aspirated Opel Eng.; VIN Code 5				31
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10-07	HT-2307	Std Only	
32	2010 - 2005; 2.4L 145.5 (2384cc) DOHC L4 (16 Valve), 88mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code B				32
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	08-06	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10-05	HT-2307	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	06-05	V-4674X	Std Only	
8	Intake	06-05	V-4673	Std Only	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	10-09	7421M	Std-10-20-30	
1	Rod Set	10-07	4-4970P	Std-10-20-30	
33	2010; 2.4L 145.5 (2384cc) DOHC L4 (16 Valve), 88mm Bore Ecotec VVT; DI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code C				33
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10	HT-2307	Std Only	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	10	7421M	Std-10-20-30	
1	Rod Set	10	4-4970P	Std-10-20-30	
34	2002 - 1996; 2.4L 146 (2392cc) DOHC L4 (16 Valve), 90mm Bore Twin Cam; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code T				34
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	02-96	KT3-390S	(1) 222-390; (2) 223-804; (1) 223-805A	
1	Complete Set	02-97	KT-1031S		
1	Timing Chain	02-96	222-390	130 Links	
1	Timing Chain Tensioner	02-97	222-365CT		
1	Timing Chain Tensioner	02-96	222-355GP	Tensioner shoe	
1	Timing Chain Tensioner	96	222-294CT		
1	Timing Chain Guide	02-96	222-365GP	Loc. R.H.	
1	Timing Chain Guide	02-96	222-366GP	Loc. L.H.	
1	Timing Chain Guide	02-96	222-367GP	Loc. Upper	
1	Bal. Shaft Chain Guide	02-96	222-368GP		
1	Crank Sprocket	02-96	223-805A	19 teeth; 19 Teeth	
1	Cam Sprocket	02-96	223-804	36 teeth; 38 Teeth	
1	Bal. Shaft Sprocket	02-96	223-829	Driver gear	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	02-96	HT-2273	Std Only	
16	Lifter, Bulk	02-96	HT-2273B	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	02-96	V-4580	Std Only	
8	Intake	02-96	V-4579	Std Only	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

34 (cont.)		2002 - 1996; 2.4L 146 (2392cc) DOHC L4 (16 Valve), 90mm Bore Twin Cam; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code T				34 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	99-96	H837CP	Std-50-75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.170 CD, Recessed Head .040 deep x 2.399 dia.; DUROSHIELD® skirt coated piston, 0.8665" Pin Dia.		
4	Cast Piston - Individual	99-96	WH837CP	Std-50-75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.170 CD, Recessed Head .040 deep x 2.399 dia.; DUROSHIELD® skirt coated piston, 0.8665" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-96	E-934K	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
4	Premium Single Cylinder Set	02-96	WE-934K	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-96	7321MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	02-96	4-4790P	Std-25-50-75-1.00MM			
1	Bal. Shaft Set	02-96	1883M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-96	224-43573				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-00	260-1896		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1895		w/EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1896		w/o EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98-96	260-1895		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	02-96	260-2557	Std Only	Replacement recommended; New Part Number - Check for Availability		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
02-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6912	----
99-99	w/EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6911	----
99-99	w/o EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6912	----
98-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6911	----
02-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6912M	----
99-99	w/EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6911M	----
99-99	w/o EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6912M	----
98-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6911M	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
99-99	w/EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings		BK-6013	----
99-99	w/o EGR; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings		BK-6014	----
98-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings		BK-6013	----
35		1992 - 1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code R				35	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	92-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
8	Lifter, Bulk	92-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
8	Push Rod	92-91	RP-3263	Std Only	8.272" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	92-91	R-894	Std Only	Incl. arm & 2-pivots		
8	Arm Assy., Bulk	92-91	R-894B	Std Only	Incl. arm & 2-pivots; Carton of 64		
8	Arm	92-91	R-894A	Std Only			
8	Rocker Arm Ball	92-91	MR-1832	Std Only	Hole I.D. .4365"		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

35 (cont.)	1992 - 1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code R				35 (cont.)
VALVETRAIN					
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION
8	Rocker Arm Ball	92-91	MR-1841	Std Only	Hole I.D. .4745"
8	Nut	92-91	MR-1934	Std Only	3/8" x 24 UNF
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	92-91	V-2529	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3133" Stem Dia., 4.541" O.A.L.
4	Exhaust, Bulk	92-91	V-2529B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3258" Stem Dia., 4.541" O.A.L.
4	Intake	92-91	V-2530	Std-15	Chrome plated stem; 1.7201" Head Dia., 0.3135" Stem Dia., 4.591" O.A.L.
4	Intake, Bulk	92-91	V-2530B 15	15	Chrome plated stem; Carton of 25; 1.7201" Head Dia., 0.3285" Stem Dia., 4.591" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	92-91	VG-5005	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; 0.343" ID, 2.25" O.A.L
8	Guide	92-91	VG-5005H	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Hardened; 0.343" ID, 2.25" O.A.L
8	Guide	92-91	VG-5005T	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Threaded; 0.3425" ID, 2.25" O.A.L
8	Guide, Bulk	92-91	VG-5005B	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Carton of 50; 0.343" ID, 2.25" O.A.L
8	Guide, Bulk	92-91	VG-5005TB	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	92-91	VS-925	Std Only	Incl. damper; 1.941" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	92-91	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
8	Valve Stem Seal	92-91	ST-2087	Std Only	Loc. Int. & Exh.; O.E. design; Positive type; (VTN) Viton®
8	Valve Stem Seal Bulk	92-91	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	92-91	245-1625-1	Std Only	Loc. Exh.; 1.63" OD, 1.375" ID, 0.216" Depth
4	Seat	92-91	245-1625-1N	Std Only	Loc. Exh.; Premium Material; 1.63" OD, 1.375" ID, 0.216" Depth
4	Seat	92-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
4	Seat	92-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	92-91	VK-216	Std Only	1 groove
16	Keeper, Bulk	92-91	VK-216B	Std Only	1 groove; Carton of 1000
8	Spring Insert	92-91	259-201A	Std Only	.060"; Carton of 100
8	Spring Insert	92-91	259-201ARS	Std Only	.060"; Carton of 500
8	Spring Insert	92-91	259-201B	Std Only	.030"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	92-91	H547CP	Std-20-30-40-60	Use w/E-384K or E-384X ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
4	Cast Piston	92-91	H547P	Std-30-40-60	Use w/E-384K or E-384X ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H547CP
4	Cast Piston - Individual	92-91	WH547CP	Std-20-30-40-60	Use w/E-384K ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
4	Cast Piston - Individual	92-91	WH547P	Std-20-30-40-60	Use w/E-384K ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH547CP
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	92-91	E-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly
1	Standard Set	92-91	E-384X	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Iron
4	Premium Single Cylinder Set	92-91	WE-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
4	Repair Sleeve	92-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"
4	Repair Sleeve	92-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	92-91	6689MA	Std-1-10-20-30	A-Series aluminum bearings
1	Rod Set	92-91	4-2500RAA	Std-10-20-30-40	A-Series aluminum bearings
1	Rod Set	92-91	4-2500RAA 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	92-91	2500RAA	Std-2-10-20-30-40	A-Series aluminum bearings

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

35 (cont.)		1992 - 1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code R				35 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	92-91	1461M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1563		Head bolts not incl.; Exh. pipe packing not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Head Bolt Set	92-91	260-2504	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8074				
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter		
1	Brass Deep Cup Freeze Plug	92-91	381-9026		1.953" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring		205-6219	205-1219	
92-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring w/Mains		205-6219M	205-1219M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Exh. pipe packing not incl.; Oil pump & cam kit not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Master w/o Pistons		MK-6219C	MK-1219C	
36		1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code U				36	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	91	KT3-378S		(1) 222-378; (1) 223-690; (1) 223-695		
1	Chain Damper	91	222-186CT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
8	Lifter, Bulk	91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	91	KC-1519		Hyd. rlr.; (1) 55-403B; (1) CS-1519; (8) HT-2148		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
8	Push Rod	91	RP-3263	Std Only	8.272" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	91	R-894	Std Only	Incl. arm & 2-pivots		
8	Arm Assy., Bulk	91	R-894B	Std Only	Incl. arm & 2-pivots; Carton of 64		
8	Arm	91	R-894A	Std Only			
8	Rocker Arm Ball	91	MR-1832	Std Only	Hole I.D. .4365"		
8	Rocker Arm Ball	91	MR-1841	Std Only	Hole I.D. .4745"		
8	Nut	91	MR-1934	Std Only	3/8" x 24 UNF		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	91	V-2529	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3133" Stem Dia., 4.541" O.A.L.		
4	Exhaust, Bulk	91	V-2529B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3258" Stem Dia., 4.541" O.A.L.		
4	Intake	91	V-2530	Std-15	Chrome plated stem; 1.7201" Head Dia., 0.3135" Stem Dia., 4.591" O.A.L.		
4	Intake, Bulk	91	V-2530B 15	15	Chrome plated stem; Carton of 25; 1.7201" Head Dia., 0.3285" Stem Dia., 4.591" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	91	VG-5005	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; 0.343" ID, 2.25" O.A.L		
8	Guide	91	VG-5005H	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Hardened; 0.343" ID, 2.25" O.A.L		
8	Guide	91	VG-5005T	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Threaded; 0.3425" ID, 2.25" O.A.L		
8	Guide, Bulk	91	VG-5005B	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Carton of 50; 0.343" ID, 2.25" O.A.L		
8	Guide, Bulk	91	VG-5005TB	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	91	VS-925	Std Only	Incl. damper; 1.941" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	91	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE		
8	Valve Stem Seal	91	ST-2087	Std Only	Loc. Int. & Exh.; O.E. design; Positive type; (VTN) Viton®		
8	Valve Stem Seal Bulk	91	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

36 (cont.)	1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code U					36 (cont.)
VALVETRAIN						
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1625-1	Std Only	Loc. Exh.; 1.63" OD, 1.375" ID, 0.216" Depth	
4	Seat	91	245-1625-1N	Std Only	Loc. Exh.; Premium Material; 1.63" OD, 1.375" ID, 0.216" Depth	
4	Seat	91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	91	VK-216	Std Only	1 groove	
16	Keeper, Bulk	91	VK-216B	Std Only	1 groove; Carton of 1000	
8	Spring Insert	91	259-201A	Std Only	.060"; Carton of 100	
8	Spring Insert	91	259-201ARS	Std Only	.060"; Carton of 500	
8	Spring Insert	91	259-201B	Std Only	.030"; Carton of 100	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	91	H547CP	Std-20-30-40-60	Use w/E-384K or E-384X ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.	
4	Cast Piston	91	H547P	Std-30-40-60	Use w/E-384K or E-384X ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H547CP	
4	Cast Piston - Individual	91	WH547CP	Std-20-30-40-60	Use w/E-384K ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.	
4	Cast Piston - Individual	91	WH547P	Std-20-30-40-60	Use w/E-384K ring set; Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH547CP	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly	
1	Standard Set	91	E-384X	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Iron	
4	Premium Single Cylinder Set	91	WE-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly	
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION	
4	Repair Sleeve	91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"	
4	Repair Sleeve	91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	6690MA	Std-10-20	A-Series aluminum bearings	
1	Rod Set	91	4-2500RAA	Std-10-20-30-40	A-Series aluminum bearings	
1	Rod Set	91	4-2500RAA 10X2	10X2-20X2-30X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore	
4	Rod Pair	91	2500RAA	Std-2-10-20-30-40	A-Series aluminum bearings	
1	Cam Set	91	1756M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1463		Head bolts not incl.; Exh. pipe packing not incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Head Bolt Set	91	260-2518	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8074			
1	Brass Deep Cup Freeze Plug	91	381-9001		1.625" Diameter	
1	Brass Deep Cup Freeze Plug	91	381-9026		1.953" Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring		205-6136	205-1136
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring w/Mains		205-6136M	205-1136M
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Oil pump not incl.; Premium valve stem seals incl.		Master		MKP-6374C	MKP-1374C
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Oil pump not incl.; Premium valve stem seals incl.		Master w/o Pistons		MK-6374C	MK-1374C
91-91	Exh. pipe packing not incl.; Oil pump not incl.; Premium valve stem seals incl.		Master w/o Rods & Mains		505-6374C	505-1374C

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

37		2004 - 1997; 3.0L 181 (2962cc) DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline;				37	
Naturally Aspirated Opel Eng.; VIN Code R							
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	01-99	V-4632X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 3.63" O.A.L.		
12	Exhaust	98-97	V-4631X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 3.63" O.A.L.		
12	Intake	01-97	V-4630	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2348" Stem Dia., 4.02" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-99	H887CP	Std.-50-.75MM	Hypereutectic; 1 - , 1.20 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.077 CD, Dome Head; DUROSHIELD® skirt coated piston, 21.006mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	04-97	E-972K	Std.-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
38		2010; 3.0L 182.9 (2997cc) DOHC V6 (24 Valve), 89mm Bore VVT; DI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code G				38	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	10	HT-2307	Std Only	Loc. Intake & Exhaust		
39		2005 - 1999; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				39	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	05-00	KT3-700S		LG8 Engine; Incl. Cam, Crank, Chain		
1	Timing Chain	03-99	222-385		64 Links		
1	Chain Damper	05-99	222-336CT				
1	Cam Sprocket	03-99	223-756		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	99	CS-1569		Hydraulic, (050) Duration at .050 Lobe Lift, 196 Exh., 195 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	03-99	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	03-99	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	99	KC-1569		Hyd. rlr.; (1) 55-403B; (1) CS-1569; (12) HT-2270		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
6	Push Rod	05-99	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	05-99	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	05-99	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	05-99	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	05-00	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.		
6	Intake	05-99	V-4571	Std Only	Chrome plated stem; 1.76" Head Dia., 0.3139" Stem Dia., 4.684" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	05-99	VS-1642	Std Only	Loc. Int. & Exh.; Conical design; 1.94" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	05-99	VK-291	Std Only	Loc. Int. & Exh.; 1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	04-99	H882CP	Std.-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.467 CD, Recessed Head .270 deep x 2.750 dia.; DUROSHIELD® skirt coated piston, 0.9058" Pin Dia.		
6	Cast Piston - Individual	04-99	WH882CP	Std.-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.467 CD, Recessed Head .270 deep x 2.750 dia.; DUROSHIELD® skirt coated piston, 0.9058" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-99	E-970K	Std.-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-99	7242MA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings; 3/4 grooved		
1	Main Set	04-99	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.		
1	Rod Set	05-99	6-4020A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Rod Set	05-99	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	05-99	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
6	Rod Pair	05-99	4020A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Cam Set	04-99	1492M	Std Only	Full round design		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

39 (cont.)	2005 - 1999; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				39 (cont.)
BLOCK					
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	03-00	224-4152V	2nd Design; High Volume, check pan for clearance; 3/4" inlet	
1	Oil Pump	03-99	224-4152	3/4" inlet	
1	Pump Repair Kit	00-99	224-51317	Exc. High Volume	
1	Inter. Shaft	03-99	224-6148		
1	Screen Assy.	00-99	224-14278		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	03-00	260-1871	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03-00	260-1871T	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	99	260-1871	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	99	260-1871	Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.	
1	Kit Gasket Set	99	260-1871T	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	99	260-1871T	Valve stem seals not incl.; Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.	
1	Head Bolt Set	05	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability
1	Head Bolt Set	04	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability
1	Head Bolt Set	03-00	260-2532	Std Only	Replacement recommended
1	Head Bolt Set	03-00	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability
1	Head Bolt Set	99	260-2532	Std Only	Replacement recommended
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring	205-6919	----
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring	205-6920	----
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring	205-6919	----
99-99	Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring	205-6919	----
99-99	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring	205-6920	----
99-99	Valve stem seals not incl.; Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring	205-6920	----
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6919M	----
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6920M	----
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6919M	----
99-99	Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6919M	----
99-99	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6920M	----
99-99	Valve stem seals not incl.; Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.		Re-ring w/Mains	205-6920M	----
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

39 (cont.)		2005 - 1999; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				39 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6019	----	
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6020	----	
99-99	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6019	----	
99-99	Valve stem seals not incl.; Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6019	----	
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6020	----	
99-99	Valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6020	----	
40		1999 - 1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				40	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	99	KT3-700S		2nd Design; L82 Engine; Incl. Cam, Crank, Chain		
1	3 Piece Set	99-93	KT3-385S		(1) 222-385; (1) 223-619; (1) 223-756		
1	Timing Chain	99-93	222-385		64 Links		
1	Timing Chain	94-93	222-372		9 links wide; 64 Links		
1	Chain Damper	99-93	222-336CT				
1	Crank Sprocket	99	223-619		1st design; 20 Teeth		
1	Crank Sprocket	99	223-619		20 Teeth		
1	Crank Sprocket	99	223-619		1st design; 20 Teeth		
1	Crank Sprocket	98-93	223-619		20 Teeth		
1	Cam Sprocket	99-93	223-756		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	99-93	CS-1569		Hydraulic, (050) Duration at .050 Lobe Lift, 196 Exh., 195 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	99-93	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	99-93	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	99-93	KC-1569		Hyd. rlr.; (1) 55-403B; (1) CS-1569; (12) HT-2270		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
6	Push Rod	93	RP-3274	Std Only	Loc. Exh.; 6.389" O.A.L.		
6	Push Rod	99-93	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	99-93	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod	93	RP-3273	Std Only	Loc. Int.; 6.042" O.A.L.		
6	Push Rod, Bulk	99-93	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	99-93	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
6	Push Rod, Bulk	93	BRP-3273	Std Only	Loc. Int.; Carton of 100; 6.042" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Nut	95-93	MR-1937	Std Only	Non-Adj.		
12	Stud	94	MR-1883	Std Only	Adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	99-93	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.		
6	Intake	99-93	V-4496	Std Only	Chrome plated stem; .184" Tip to groove; 1.718" Head Dia., 0.3139" Stem Dia., 4.713" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	99-93	VG-5080	Std Only	Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	99-93	VS-1642	Std Only	Loc. Int. & Exh.; Conical design; 1.94" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	99-94	ST-2128	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
6	Valve Stem Seal	97-94	ST-2073	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

40 (cont.)	1999 - 1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				40 (cont.)
VALVETRAIN					
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION
6	Valve Stem Seal	97-93	ST-2087	Std Only	Loc. Int.; Positive type; (VTN) Viton®
6	Valve Stem Seal	93	ST-2090	Std Only	Loc. Exh.; Positive type; (V) Fluoroelastomer
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	94-93	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	94-93	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	94-93	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
6	Seat	94-93	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	99-97	VK-291	Std Only	Loc. Int. & Exh.; 1 groove
24	Keeper	96-93	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	99-97	H809CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.480 CD, Recessed Head .260 deep x 2.865 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston	96-95	H692CP	Std-50-.75-1.00-1.50MM	Use w/E-605K or E-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.480 CD, Recessed Head .260 deep x 2.865 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston	94-93	H692CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.480 CD, Recessed Head .260 deep x 2.865 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston - Individual	99-97	WH809CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.480 CD, Recessed Head .260 deep x 2.865 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston - Individual	96-94	WH692CP	Std-50-.75-1.00-1.50MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.480 CD, Recessed Head .260 deep x 2.865 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
1	Cast Piston Set w/Prem. Rings	96-93	6KH692CP .75MM	.75MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.480 CD, Recessed Head .260 deep x 2.865 dia.; DUROSHIELD® skirt coated piston, 23mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-96	E-922K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	95-93	E-605K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	95-93	E-605X	Std-50-.75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	99-96	WE-922K	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	95-93	WE-605K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
6	Standard Single Cylinder Set	95-93	WE-605X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99-93	7242MA	Std-25-.50-.75-1.00MM	A-Series aluminum bearings; 3/4 grooved
1	Main Set	99-93	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.
1	Rod Set	99-93	6-4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
1	Rod Set	99-93	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-93	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
6	Rod Pair	99-93	4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
1	Cam Set	99-93	1492M	Std Only	Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	99-95	224-4152		3/4" inlet
1	Oil Pump	99-95	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet
1	Pump Repair Kit	99-93	224-51317		Exc. High Volume
1	Inter. Shaft	99-93	224-6148		
1	Oil Pump Shaft Guide	99-93	224-43351		Nylon
1	Screen Assy.	99-93	224-14278		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	99-97	260-1746T		Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	99-97	260-1870		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	96-95	260-1746		1st Design; w/Ball & Pivot rocker arms; w/o Push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	96-95	260-1746T		1st Design; w/Ball & Pivot rocker arms; w/o Push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

40 (cont.)	1999 - 1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				40 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	96-95	260-1746T	2nd Design; w/Roller rocker arms; w/Push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96-95	260-1870	2nd Design; w/Roller rocker arms; w/Push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1746	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1746T	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	99	260-2532	Std Only	Replacement recommended	
1	Head Bolt Set	99	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability	
1	Head Bolt Set	98	260-2532	Std Only	Replacement recommended	
1	Head Bolt Set	98	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability	
1	Head Bolt Set	97	260-2532	Std Only	Replacement recommended	
1	Head Bolt Set	97	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability	
1	Head Bolt Set	96	260-2532	Std Only	Replacement recommended	
1	Head Bolt Set	96	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability	
1	Head Bolt Set	95-93	260-2531	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	99-93	381-8085			
1	Brass Deep Cup Freeze Plug	99-93	381-9006	34.3mm Diameter		
KITS						
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.	
YEARS	DESCRIPTION					
99-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6917	----
99-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6918	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Incl. A-Series aluminum bearings; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6862	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6917	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6918	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings			Re-ring	205-6918	----
99-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6917M	----
99-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6918M	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6862M	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6917M	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6918M	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

40 (cont.)	1999 - 1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M	40 (cont.)	
KITS			
RE-RING KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains 205-6918M	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Incl. A-Series aluminum bearings; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6406	205-1406
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6406M	205-1406M
94-93	Incl. A-Series aluminum bearings; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring 205-6406	205-1406
94-93	Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains 205-6406M	205-1406M
OVERHAUL KIT			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
99-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings BK-6028	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings BK-6024	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings BK-6024	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7009	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7010	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master MKP-6364	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7007	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7008	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7008	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master MKP-6363	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7005	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gskt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7006	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

40 (cont.)	1999 - 1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M	40 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION		
		PREMIUM KIT NO.	
		STANDARD KIT NO.	
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master MKP-7006	----
94-93	Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master MKP-6363	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7008	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7009	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-6364	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7008	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7008	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7009	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-6363	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7005	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7006	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" grooved main brgs.; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7006	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7009	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7010	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-6364	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7007	----
96-96	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7008	----
96-96	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7008	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

40 (cont.)	1999 - 1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				40 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains		505-6363	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains		505-7005	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains		505-7006	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains		505-7006	----
99-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6027	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6025	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6026	----
94-93	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6024	----
94-93	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6025	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs		BKP-6027	----
98-97	Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs		BKP-6028	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs		BKP-6024	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDryPlus® int. manifold gsckts. incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs		BKP-6024	----
95-95	1st Design; w/Ball & Pivot rocker arms; w/o push rod guides on int. gsckt.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs		BKP-6025	----
95-95	2nd Design; w/Roller rocker arms; w/push rod guides on int. gsckt.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsckts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs		BKP-6026	----
41	1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				41
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	94-91	KT3-372S	Incl. chain 9 links wide; (1) 222-372; (1) 223-619; (1) 223-620	
1	3 Piece Set	92	KT3-368S	Incl. chain 11 links wide; (1) 222-368; (1) 223-506; (1) 223-511	
1	3 Piece Set	92	KT3-373S	Incl. chain 11 links wide; When depleted use KT3-368S; (1) 222-368; (1) 223-506; (1) 223-511	
1	3 Piece Set	91	KT3-368S	Incl. chain 11 links wide; (1) 222-368; (1) 223-506; (1) 223-511	
1	3 Piece Set	91	KT3-373S	Incl. chain 11 links wide; When depleted use KT3-368S; (1) 222-368; (1) 223-506; (1) 223-511	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)		1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T			41 (cont.)	
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	94-91	222-372		9 links wide; 64 Links	
1	Timing Chain	92	222-368		11 links wide; 64 Links	
1	Timing Chain	91	222-368		11 links wide; 64 Links	
1	Chain Damper	94	222-336CT			
1	Chain Damper	94-91	222-59CTN		Chain Damper w/Nylon Damper	
1	Chain Damper	92	222-59CT		Chain Damper w/Steel-Rubber damper	
1	Chain Damper	91	222-59CT		Chain Damper w/Steel-Rubber damper	
1	Crank Sprocket	94-91	223-619		20 Teeth	
1	Crank Sprocket	92	223-511		20 Teeth	
1	Crank Sprocket	91	223-511		20 Teeth	
1	Cam Sprocket	94-91	223-620		40 Teeth	
1	Cam Sprocket	92	223-506		40 Teeth	
1	Cam Sprocket	91	223-506		40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	94-91	CS-1539		Hydraulic, (050) Duration at .050 Lobe Lift, 202 Exh., 196 Int., 109 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	94-91	HT-2095	Std Only	Hyd.	
12	Lifter, Bulk	94-91	HT-2095B	Std Only	Hyd.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	94-91	KC-1539		Hyd.; (1) 55-403B; (1) CS-1539; (12) HT-2095	
1	Cam/Lifter/Timing Kit	94-91	KCT-1539		Hyd.; Incl. chain 9 links wide; (1) 55-403B; (1) CS-1539; (12) HT-2095; (1) KT3-372S	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
6	Push Rod	94-93	RP-3273	Std Only	Loc. Int.; 6.042" O.A.L.	
6	Push Rod	94-93	RP-3274	Std Only	Loc. Exh.; 6.389" O.A.L.	
6	Push Rod	94-93	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.	
6	Push Rod	94-93	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.	
12	Push Rod	92	RP-3207	Std Only	Loc. Int. & Exh.; 6.163" O.A.L.	
6	Push Rod	92	RP-3273	Std Only	Loc. Int.; 6.042" O.A.L.	
6	Push Rod	92	RP-3274	Std Only	Loc. Exh.; 6.389" O.A.L.	
12	Push Rod	91	RP-3207	Std Only	Loc. Int. & Exh.; 6.163" O.A.L.	
6	Push Rod	91	RP-3273	Std Only	Loc. Int.; 6.042" O.A.L.	
6	Push Rod	91	RP-3274	Std Only	Loc. Exh.; 6.389" O.A.L.	
6	Push Rod, Bulk	94-93	BRP-3273	Std Only	Loc. Int.; Carton of 100; 6.042" O.A.L.	
6	Push Rod, Bulk	94-93	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.	
6	Push Rod, Bulk	94-93	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.	
12	Push Rod, Bulk	92	BRP-3207	Std Only	Loc. Int. & Exh.; Carton of 100; 6.163" O.A.L.	
6	Push Rod, Bulk	92	BRP-3273	Std Only	Loc. Int.; Carton of 100; 6.042" O.A.L.	
12	Push Rod, Bulk	91	BRP-3207	Std Only	Loc. Int. & Exh.; Carton of 100; 6.163" O.A.L.	
6	Push Rod, Bulk	91	BRP-3273	Std Only	Loc. Int.; Carton of 100; 6.042" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm Assy.	94-91	R-881	Std Only	Adj.; NOTE: To convert VIN Code "T" non-adj. rocker arm to adj.; Use w/MR-1883 stud; Incl. arm, ball & nut	
12	Arm Assy., Bulk	94-91	R-881B	Std Only	Adj.; NOTE: To convert VIN Code "T" non-adj. rocker arm to adj.; Use w/MR-1883 stud; Incl. arm, ball & nut; Carton of 64	
12	Arm	94-91	R-881A	Std Only	Adj.; NOTE: To convert VIN Code "T" non-adj. rocker arm to adj.; Use w/MR-1883 stud	
12	Rocker Arm Ball	94-91	MR-1838	Std Only	Adj.; NOTE: To convert VIN Code "T" non-adj. rocker arm to adj.; Use w/MR-1883 stud	
12	Nut	94-91	MR-1837	Std Only	Adj.; NOTE: To convert VIN Code "T" non-adj. rocker arm to adj.; Use w/MR-1883 stud	
12	Nut	94-91	MR-1937	Std Only	Non-Adj.	
12	Stud	94	MR-1883	Std Only	Adj.	
12	Stud	93	MR-1883	Std Only	Adj.	
12	Stud	92	MR-1883	Std Only	Adj.	
12	Stud	91	MR-1883	Std Only	Adj.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	94	V-2431	Std-15	Chrome plated stem; 1.425" Head Dia., 0.3136" Stem Dia., 4.736" O.A.L.	
6	Exhaust	93	V-2431	Std-15	Exc. Methanol fuel conversion; Chrome plated stem; 1.425" Head Dia., 0.3136" Stem Dia., 4.736" O.A.L.	
6	Exhaust	92	V-2290	Std-15	w/Alum. heads; w/o Methanol fuel conversion; Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.	
6	Exhaust	92-91	V-2431	Std-15	w/Alum. heads; Chrome plated stem; 1.425" Head Dia., 0.3136" Stem Dia., 4.736" O.A.L.	
6	Exhaust	91	V-2290	Std-15	w/Alum. heads; w/o Methanol fuel conversion; Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)	1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T	41 (cont.)		
VALVETRAIN				
QTY	VALVE (cont.)	YEARS	PART NO.	DESCRIPTION
6	Exhaust, Bulk	92	V-2290B 15	15 w/Alum. heads; w/o Methanol fuel conversion; Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.
6	Exhaust, Bulk	91	V-2290B 15	15 w/Alum. heads; w/o Methanol fuel conversion; Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.
6	Intake	94-91	V-2432	Std-15 w/Alum. heads; Chrome plated stem; 1.718" Head Dia., 0.314" Stem Dia., 4.705" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
12	Guide	94-91	VG-5080	Std Only Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION
12	Spring	94-93	VS-909	Std Only Loc. Int. & Exh.; 2.153" Free Height
12	Spring	92	VS-798	Std Only Loc. Int. & Exh.; 1.91" Free Height
12	Spring	92	VS-909	Std Only Loc. Int. & Exh.; 2.153" Free Height
12	Spring	91	VS-798	Std Only Loc. Int. & Exh.; 1.91" Free Height
12	Spring	91	VS-909	Std Only Loc. Int. & Exh.; 2.153" Free Height
12	Spring, Bulk	92	VS-798B	Std Only Loc. Int. & Exh.; Carton of 250; 1.91" Free Height
12	Spring, Bulk	91	VS-798B	Std Only Loc. Int. & Exh.; Carton of 250; 1.91" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
6	Valve Stem Seal	94	ST-2073	Std Only Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber
6	Valve Stem Seal	94-93	ST-2087	Std Only Loc. Int.; Positive type; (VTN) Viton®
6	Valve Stem Seal	93	ST-2090	Std Only Loc. Exh.; Positive type; (V) Fluoroelastomer
6	Valve Stem Seal	92	ST-2087	Std Only Loc. Int.; Positive type; (VTN) Viton®
6	Valve Stem Seal	92	ST-2090	Std Only Loc. Exh.; Positive type; (V) Fluoroelastomer
6	Valve Stem Seal	91	ST-2087	Std Only Loc. Int.; Positive type; (VTN) Viton®
6	Valve Stem Seal	91	ST-2090	Std Only Loc. Exh.; Positive type; (V) Fluoroelastomer
12	Valve Stem Seal	92	MV-1233C	Std Only Loc. Int. & Exh.; O-Ring; (RBB) Rubber
12	Valve Stem Seal	91	MV-1233C	Std Only Loc. Int. & Exh.; O-Ring; (RBB) Rubber
12	Valve Stem Seal Bulk	92	MV-1233	Std Only Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber
12	Valve Stem Seal Bulk	91	MV-1233	Std Only Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
6	Seat	94-91	245-1500-1	Std Only Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	94-91	245-1500-1N	Std Only Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	94-91	245-1812-4	Std Only Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
6	Seat	94-91	245-1812-4N	Std Only Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
24	Keeper	91	VK-115R	Std Only 1 groove; Square cut key groove; Hardened
24	Keeper	91	VK-216	Std Only 1 groove
24	Keeper	94-93	VK-216	Std Only 1 groove
24	Keeper	92	VK-115	Std Only 1 groove; Square cut key groove; Carton pack 32
24	Keeper	92	VK-115A	Std Only 1 groove; Square cut key groove; Carton pack 24
24	Keeper	92	VK-115R	Std Only 1 groove; Square cut key groove; Hardened
24	Keeper	92	VK-216	Std Only 1 groove
24	Keeper	91	VK-115	Std Only 1 groove; Square cut key groove; Carton pack 32
24	Keeper	91	VK-115A	Std Only 1 groove; Square cut key groove; Carton pack 24
24	Keeper, Bulk	94-93	VK-216B	Std Only 1 groove; Carton of 1000
24	Keeper, Bulk	92	VK-115B	Std Only 1 groove; Square cut key groove; Carton of 1000
24	Keeper, Bulk	92	VK-216B	Std Only 1 groove; Carton of 1000
24	Keeper, Bulk	91	VK-115B	Std Only 1 groove; Square cut key groove; Carton of 1000
24	Keeper, Bulk	91	VK-216B	Std Only 1 groove; Carton of 1000
BLOCK				
QTY	PISTON	YEARS	PART NO.	DESCRIPTION
6	Cast Piston	94-93	H561CP	Std-50-75-1.00MM Use w/E-605K or E-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston	92	H561CP	Std-50-75-1.00MM Use w/E-605K or E-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston	92	H562CP	Std-50-75-1.00-1.50MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .105 deep x 2.913 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston	91	H561CP	Std-50-75-1.00MM Use w/E-605K or E-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston	91	H562CP	Std-50-75-1.00-1.50MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .105 deep x 2.913 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)		1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				41 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston - Individual	94-93	WH561CP	Std-50-75-1.00MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.	
6	Cast Piston - Individual	94-93	WH561P	Std-50-75-1.00-1.50MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia., 0.9055" Pin Dia.; Superseded - When depleted use WH561CP	
6	Cast Piston - Individual	92	WH561CP	Std-50-75-1.00MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.	
6	Cast Piston - Individual	92	WH561P	Std-50-75-1.00-1.50MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia., 0.9055" Pin Dia.; Superseded - When depleted use WH561CP	
6	Cast Piston - Individual	92	WH562CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .105 deep x 2.913 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.	
6	Cast Piston - Individual	91	WH561CP	Std-50-75-1.00MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.	
6	Cast Piston - Individual	91	WH561P	Std-50-75-1.00-1.50MM	Use w/WE-605K or WE-605X ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .265 deep x 3.000 dia., 0.9055" Pin Dia.; Superseded - When depleted use WH561CP	
6	Cast Piston - Individual	91	WH562CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .105 deep x 2.913 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-91	E-605K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Standard Set	94-91	E-605X	Std-50-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	94-91	WE-605K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
6	Standard Single Cylinder Set	94-91	WE-605X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	94-91	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved	
1	Main Set	94-91	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.	
1	Rod Set	94-91	6-4020A	Std-.026-25-50-75-1.00 MM	A-Series aluminum bearings	
1	Rod Set	94-91	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	94-91	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
6	Rod Pair	94-91	4020A	Std-.026-25-50-75-1.00 MM	A-Series aluminum bearings	
1	Cam Set	94-91	1492M	Std Only	Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	94-91	224-4152		3/4" inlet	
1	Oil Pump	94-91	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet	
1	Pump Repair Kit	94-91	224-51317		Exc. High Volume	
1	Inter. Shaft	94-91	224-6148			
1	Oil Pump Shaft Guide	94-91	224-43351		Nylon	
1	Screen Assy.	94-93	224-14271		3/4" inlet	
1	Screen Assy.	92	224-14265		3/4" inlet tube	
1	Screen Assy.	92	224-14271		3/4" inlet	
1	Screen Assy.	91	224-14265		3/4" inlet tube	
1	Screen Assy.	91	224-14271		3/4" inlet	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-93	260-1564		Int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1466		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1564		Int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1466		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1564		Int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	94	260-2532	Std Only	Replacement recommended	
1	Head Bolt Set	94	260-2534	Std Only	Replacement recommended	
1	Head Bolt Set	93	260-2534	Std Only	Replacement recommended	
1	Head Bolt Set	93-92	260-2532	Std Only	Replacement recommended	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)	1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				41 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Head Bolt Set	92	260-2534	Std Only	Replacement recommended	
1	Head Bolt Set	91	260-2532	Std Only	Replacement recommended	
1	Head Bolt Set	91	260-2534	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	94-91	381-8085			
1	Brass Deep Cup Freeze Plug	94-91	381-9006		34.3mm Diameter	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6220	205-1220
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6220M	205-1220M
92-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6184	205-1184
92-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6184M	205-1184M
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6220	205-1220
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6220M	205-1220M
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6184	205-1184
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6184M	205-1184M
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6220	205-1220
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6220M	205-1220M
OVERHAUL KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master	MKP-6220C	----
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master	MKP-6220C	----
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master	MKP-6220C	----
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6023	----
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6017	----
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6023	----
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6017	----
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6023	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)	1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T	41 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs BKP-6023	----
92-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs BKP-6018	----
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs BKP-6023	----
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs BKP-6018	----
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump	Block Kit w/Oil Pump & Freeze Plugs BKP-6023	----
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master ----	MKP-1220A
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master ----	MKP-1220C
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master MKP-7004	MKP-2004
92-92	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.; Incl. chain 11 links wide	Master ----	MKP-1184C
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master ----	MKP-1220A
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master ----	MKP-1220C
92-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide; Incl. 3/4" inlet oil pump	Master MKP-7001	MKP-2001
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master MKP-7004	MKP-2004
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master ----	MKP-1220A
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master ----	MKP-1220C
91-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.; Incl. chain 11 links wide	Master MKP-6184C	MKP-1184C
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide; Incl. 3/4" inlet oil pump	Master MKP-7001	MKP-2001
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master MKP-7004	MKP-2004
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Pistons MK-6220A	MK-1220A

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)	1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T	41 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	
		STANDARD KIT NO.	
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Pistons MK-6220C	MK-1220C
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7004	MK-2004
92-92	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.; Incl. chain 11 links wide	Master w/o Pistons ----	MK-1184C
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Pistons MK-6220A	MK-1220A
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Pistons MK-6220C	MK-1220C
92-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7001	MK-2001
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7004	MK-2004
91-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.; Incl. chain 11 links wide	Master w/o Pistons MK-6184C	MK-1184C
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Pistons MK-6220A	MK-1220A
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Pistons MK-6220C	MK-1220C
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7001	MK-2001
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master w/o Pistons MK-7004	MK-2004
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Rods & Mains 505-6220A	505-1220A
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Rods & Mains 505-6220C	505-1220C
94-93	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7004	505-2004
92-92	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide	Master w/o Rods & Mains ----	505-1184C
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Rods & Mains 505-6220A	505-1220A
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide	Master w/o Rods & Mains 505-6220C	505-1220C
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7001	505-2001
92-92	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump	Master w/o Rods & Mains 505-7004	505-2004

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

41 (cont.)		1994 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				41 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
91-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide			Master w/o Rods & Mains	505-6184C	505-1184C	
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master w/o Rods & Mains	505-6220A	505-1220A	
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Cam kit & freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master w/o Rods & Mains	505-6220C	505-1220C	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 11 links wide; Incl. 3/4" inlet oil pump			Master w/o Rods & Mains	505-7001	505-2001	
91-91	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide; Incl. 3/4" inlet oil pump			Master w/o Rods & Mains	505-7004	505-2004	
42							
1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	93	KT3-372S		Incl. chain 9 links wide; (1) 222-372; (1) 223-619; (1) 223-620		
1	Timing Chain	93	222-372		9 links wide; 64 Links		
1	Chain Damper	93	222-59CTN		Chain Damper w/Nylon Damper		
1	Crank Sprocket	93	223-619		20 Teeth		
1	Cam Sprocket	93	223-620		40 Teeth		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
6	Push Rod	93	RP-3273	Std Only	Loc. Int.; 6.042" O.A.L.		
6	Push Rod	93	RP-3274	Std Only	Loc. Exh.; 6.389" O.A.L.		
6	Push Rod	93	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	93	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	93	BRP-3273	Std Only	Loc. Int.; Carton of 100; 6.042" O.A.L.		
6	Push Rod, Bulk	93	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	93	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Nut	93	MR-1937	Std Only	Non-Adj.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	93	VG-5080	Std Only	Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	93	ST-2087	Std Only	Loc. Int.; Positive type; (VTN) Viton®		
6	Valve Stem Seal	93	ST-2090	Std Only	Loc. Exh.; Positive type; (V) Fluoroelastomer		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	93	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	93	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	93	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	93	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	93	VK-216	Std Only	1 groove		
24	Keeper, Bulk	93	VK-216B	Std Only	1 groove; Carton of 1000		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved		
1	Main Set	93	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.		
1	Rod Set	93	6-4020A	Std-.026-.25-50-75-1.00 MM	A-Series aluminum bearings		
1	Rod Set	93	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	93	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
6	Rod Pair	93	4020A	Std-.026-.25-50-75-1.00 MM	A-Series aluminum bearings		
1	Cam Set	93	1492M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	93	224-51317		Exc. High Volume		
1	Inter. Shaft	93	224-6148				
1	Oil Pump Shaft Guide	93	224-43351		Nylon		
1	Screen Assy.	93	224-14271		3/4" inlet		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

42 (cont.)	1993; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W				42 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93	260-1564		Int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	93	260-2534	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	93	381-8085		
1	Brass Deep Cup Freeze Plug	93	381-9006		34.3mm Diameter
43	2004; 3.2L 194 (3175cc) DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code N				43
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
12	Exhaust	04	V-4632X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 3.63" O.A.L.
12	Intake	04	V-4630	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2348" Stem Dia., 4.02" O.A.L.
44	1993 - 1991; 3.3L 204 OHV V6 (12 Valve), 3.7" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code N				44
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	93-91	KT3-377SA		(1) 222-377; (1) 223-691; (1) 223-726
1	Timing Chain	93-91	222-377		54 Links
1	Timing Chain Tensioner	93-91	222-175CT		1st Design; w/Chamfered mounting hole
1	Timing Chain Tensioner	93-91	222-295CT		2nd Design; w/Counter bored mounting hole
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	93-91	CS-1514		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 188 Int., 113 Degrees Lobe Separation
1	Thrust Button	93-91	MR-1876	Std Only	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	93-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
12	Lifter, Bulk	93-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	93-91	KC-1514		Hyd. rlr.; (1) 55-403B; (1) CS-1514; (12) HT-2148
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	93-91	RP-3283	Std Only	6.72" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
12	Bolt	93-91	MR-1887	Std Only	Use to replace orig. bolt w/staked-on pivot
12	Pivot	93-91	MR-1886	Std Only	Use to replace orig. bolt w/staked-on pivot
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	93-91	V-3915	Std-15	Chrome plated stem; 1.487" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Exhaust, Bulk	93-91	V-3915B 15	15	Chrome plated stem; Carton of 25; 1.487" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
6	Intake	93-91	V-3916	Std-15	Chrome plated stem; 1.71" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Intake, Bulk	93-91	V-3916B 15	15	Chrome plated stem; Carton of 25; 1.71" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	93-91	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L.
12	Guide	93-91	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L.
12	Guide, Bulk	93-91	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L.
12	Guide, Bulk	93-91	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	93-91	VS-924	Std Only	Loc. Int. & Exh.; w/o Damper; 2.11" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	91	MV-1888A	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal Bulk	91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	93-91	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	93-91	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
24	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
24	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

44 (cont.)		1993 - 1991; 3.3L 204 OHV V6 (12 Valve), 3.7" Bore; MFI; Gasoline; Naturally Aspirated				44 (cont.)	
GMC Eng.; Buick; VIN Code N							
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	93-91	H564P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.298 CD, Recessed Head .135 deep x 2.768 dia., 0.9054" Pin Dia.		
6	Cast Piston - Individual	93-91	WH564P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.298 CD, Recessed Head .135 deep x 2.768 dia., 0.9054" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93-91	E-533K	Std-20-30-40	2-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	93-91	WE-533K	Std-30	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	7144MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Main Set	93-91	7150MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.		
1	Rod Set	93-91	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .721" O.A.L.		
1	Rod Set	93-91	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.		
6	Rod Pair	93-91	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.		
1	Cam Set	93-91	1755M	Std Only	Babbitt material		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	93-91	224-51379				
1	Screen Assy.	93	224-14269		For 4-3/4" deep oil pan		
1	Screen Assy.	93	224-14280				
1	Screen Assy.	92	224-14269		For 4-3/4" deep oil pan		
1	Screen Assy.	92	224-14280				
1	Screen Assy.	91	224-14269		For 4-3/4" deep oil pan		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93-92	260-1722		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1565		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	93-91	260-2533	Std Only	Replacement required		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Re-ring	205-6385	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Re-ring	205-6221A	----	
93-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Re-ring w/Mains	205-6385M	----	
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6221AM	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-92	Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Master	MKP-6385A	----	
91-91	Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Master	MKP-6395A	----	
93-92	Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Master w/o Pistons	MK-6385A	----	
91-91	Exh. pipe packing not incl.; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Master w/o Pistons	MK-6395A	----	
93-92	Exh. pipe packing not incl.; Freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-6385A	----	
91-91	Exh. pipe packing not incl.; Freeze plugs not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains	505-6395A	----	
93-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			Block Kit w/Premium Rings	BK-6031	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			Block Kit w/Premium Rings	BK-6030	----	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

45		1997 - 1991; 3.4L 207 (3393cc) DOHC V6 (24 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				45
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	97-91	KT3-382S		LQ1 Engine; Incl. Cam, Crank, Chain	
1	Timing Chain	97-91	222-382		64 Links	
1	Timing Chain Tensioner	97-91	222-308CT		Drive chain tensioner	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	97-96	HT-2273	Std Only	Hyd. bucket type lifter; 33mm Dia.	
24	Lifter, Bulk	97-96	HT-2273B	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	97-96	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.	
12	Exhaust	95-91	V-4475	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2739" Stem Dia., 4.1" O.A.L.	
12	Intake	97-96	V-4496	Std Only	Chrome plated stem; .184" Tip to groove; 1.718" Head Dia., 0.3139" Stem Dia., 4.713" O.A.L.	
12	Intake	95-91	V-4476	Std Only	Chrome plated stem; 1.437" Head Dia., 0.2742" Stem Dia., 4.091" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	93-91	VS-1562	Std Only	1.655" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	97-91	VK-283	Std Only	Loc. Int. & Exh.	
48	Keeper, Bulk	97-91	VK-283B	Std Only	Loc. Int. & Exh.; Carton of 100	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	97-91	H684CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.464 CD, Domed Head .040 high w/4 valve reliefs; For use w/Late design piston ring set; Will repl. early design when used w/E928K ring set; DUROSHIELD® skirt coated piston, 0.9054" Pin Dia.	
6	Cast Piston - Individual	97-91	WH684CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.464 CD, Domed Head .040 high w/4 valve reliefs; For use w/Late design piston ring set; Will repl. early design when used w/E928K ring set; DUROSHIELD® skirt coated piston, 0.9054" Pin Dia.	
6	Cast Piston - Individual	97-91	WH813CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.458 plus .040 dome CD, Domed Head w/4 valve reliefs; For use w/Early design piston ring set; Can repl. Late design when used w/E548K ring set; DUROSHIELD® skirt coated piston, 0.9054" Pin Dia.; Superseded - When depleted use WH684CP	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	97-96	E-928K	Std-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	95-91	E-548K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
6	Premium Single Cylinder Set	97-96	WE-928K	Std-50-.75MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-96	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved	
1	Main Set	95-91	7159MA	Std-25-.50MM	A-Series aluminum bearings	
1	Rod Set	97-91	6-4020A	Std-.026-25-50-.75-1.00MM	A-Series aluminum bearings	
1	Rod Set	97-91	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	97-91	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
6	Rod Pair	97-91	4020A	Std-.026-25-50-.75-1.00MM	A-Series aluminum bearings	
1	Aux. Shaft Set	97-91	1828M	Std Only	Split type design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-91	224-43576S			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-96	260-1929		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-91	260-1928		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
46		2005 - 1999; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				46
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	05-00	KT3-700S		LA1 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	99	KT3-385S		(1) 222-385; (1) 223-619; (1) 223-756	
1	Timing Chain	99	222-385		64 Links	
1	Chain Damper	01-99	222-336CT			
1	Crank Sprocket	99	223-619		20 Teeth	
1	Cam Sprocket	99	223-756		40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	99	CS-1569		Hydraulic, (050) Duration at .050 Lobe Lift, 196 Exh., 195 Int.	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

46 (cont.)		2005 - 1999; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				46 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	05-99	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	05-99	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	99	KC-1569		Hyd. rlr.; (1) 55-403B; (1) CS-1569; (12) HT-2270		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
6	Push Rod	05-99	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	05-99	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	05-99	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	05-99	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	05-99	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.		
6	Intake	05-99	V-4571	Std Only	Chrome plated stem; 1.76" Head Dia., 0.3139" Stem Dia., 4.684" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	05-99	VS-1642	Std Only	Loc. Int. & Exh.; Conical design; 1.94" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	05-99	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	05-99	H847CP	Std-50-.75-1.00MM	Use w/E-918K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.		
6	Cast Piston - Individual	05-99	WH847CP	Std-50-.75-1.00MM	Use w/WE-918K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-99	E-918K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly		
6	Premium Single Cylinder Set	05-99	WE-918K 50MM	50-75MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	05-99	7242MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings; 3/4 grooved		
1	Rod Set	05-99	6-4020A	Std-.026-.25-.50-.75-1.00MM	A-Series aluminum bearings		
1	Rod Set	05-99	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	05-99	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
6	Rod Pair	05-99	4020A	Std-.026-.25-.50-.75-1.00MM	A-Series aluminum bearings		
1	Cam Set	05-99	1492M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	05-99	224-4152		3/4" inlet		
1	Oil Pump	05-99	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet		
1	Pump Repair Kit	05-99	224-51317				
1	Inter. Shaft	05-99	224-6148				
1	Oil Pump Shaft Guide	05-99	224-43351		Nylon		
1	Screen Assy.	05-99	224-14278				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	03-00	260-1872		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-00	260-1872T		Head bolts not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1873		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1873T		Head bolts not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	05	260-2532	Std Only	Replacement recommended		
1	Head Bolt Set	05	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	04	260-2532	Std Only	Replacement recommended		
1	Head Bolt Set	04	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	03	260-2532	Std Only	Replacement recommended		
1	Head Bolt Set	03	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	02-00	260-2532	Std Only	Replacement recommended		
1	Head Bolt Set	02-00	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	99	260-2532	Std Only	Replacement recommended		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

46 (cont.)	2005 - 1999; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				46 (cont.)
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring		205-6915	----
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring		205-6916	----
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring		205-6913	----
99-99	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring		205-6914	----
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6915M	----
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6916M	----
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6913M	----
99-99	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6914M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6034	----
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6035	----
99-99	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6032	----
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6033	----
47	1995 - 1993; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S				47
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	95-93	KT3-368S	Incl. chain 11 links wide; (1) 222-368; (1) 223-506; (1) 223-511	
1	3 Piece Set	95-93	KT3-373S	Incl. chain 11 links wide; When depleted use KT3-368S; (1) 222-368; (1) 223-506; (1) 223-511	
1	Timing Chain	95-93	222-368	11 links wide; 64 Links	
1	Chain Damper	93	222-59CT	Chain Damper w/Steel-Rubber damper	
1	Crank Sprocket	95-93	223-511	20 Teeth	
1	Cam Sprocket	95-93	223-506	40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	95-93	CS-1539	Hydraulic, (050) Duration at .050 Lobe Lift, 202 Exh., 196 Int., 109 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	95-93	HT-2095	Std Only	Hyd.
12	Lifter, Bulk	95-93	HT-2095B	Std Only	Hyd.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95-93	KC-1539	Hyd.; (1) 55-403B; (1) CS-1539; (12) HT-2095	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	95-93	RP-3207	Std Only	6.163" O.A.L.
12	Push Rod, Bulk	95-93	BRP-3207	Std Only	Carton of 100; 6.163" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	95-93	R-881	Std Only	Incl. arm, ball & nut
12	Arm Assy., Bulk	95-93	R-881B	Std Only	Incl. arm, ball & nut; Carton of 64
12	Arm	95-93	R-881A	Std Only	
12	Rocker Arm Ball	95-93	MR-1838	Std Only	
12	Nut	95-93	MR-1837	Std Only	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

47 (cont.)		1995 - 1993; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S				47 (cont.)	
VALVETRAIN							
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Stud	95-93	MR-1883	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	95-93	V-2290	Std-15	Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.		
6	Exhaust, Bulk	95-93	V-2290B 15	15	Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.		
6	Intake	95-93	V-2291	Std-15	Chrome plated stem; 1.7181" Head Dia., 0.3413" Stem Dia., 4.705" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	95-93	VS-798	Std Only	Loc. Int. & Exh.; 1.91" Free Height		
12	Spring, Bulk	95-93	VS-798B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.91" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	95-93	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber		
6	Valve Stem Seal	95-93	MV-1888C	Std Only	Loc. Int.; Positive type; (VTN) Viton®		
12	Valve Stem Seal Bulk	95-93	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber		
6	Valve Stem Seal Bulk	95-93	MV-1888	Std Only	Loc. Int.; Positive type; Carton of 50; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	95-93	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	95-93	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	95-93	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	95-93	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	95-93	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
24	Keeper	95-93	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
24	Keeper	95-93	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
24	Keeper, Bulk	95-93	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	95-93	H800P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.450 CD, Recessed Head .087 deep x 2.765 dia., 0.9054" Pin Dia.		
6	Cast Piston - Individual	95-93	WH800P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.450 CD, Recessed Head .087 deep x 2.765 dia., 0.9054" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-93	E-629K	Std-50MM	2-1.50MM, 1-4.00MM; Premium Moly		
6	Premium Single Cylinder Set	95-93	WE-629K	Std Only	2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-93	7159MA	Std-25-50MM	A-Series aluminum bearings		
1	Rod Set	95-93	6-4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Rod Set	95-93	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	95-93	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
6	Rod Pair	95-93	4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Cam Set	95-93	1492M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-93	224-4152		3/4" inlet		
1	Oil Pump	95-93	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet		
1	Pump Repair Kit	95-93	224-51317				
1	Inter. Shaft	95-93	224-6148				
1	Oil Pump Shaft Guide	95-93	224-43351		Nylon		
1	Screen Assy.	95-93	224-14265		3/4" inlet tube		
48		2008 - 2004; 3.5L 213 (3491cc) OHV V6 (12 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				48	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	07-04	KT3-700S		Incl. Cam, Crank, Chain		
1	Chain Damper	06	222-336CT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	08-04	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	08-04	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
6	Push Rod	06-04	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	06-04	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	06-04	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	06-04	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	07	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

48 (cont.)	2008 - 2004; 3.5L 213 (3491cc) OHV V6 (12 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				48 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
3	Exhaust	06	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.
6	Exhaust	06	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.
3	Exhaust	05	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.
6	Exhaust	05-04	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.
6	Intake	07	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.
6	Intake	06	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.
3	Intake	06	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.
3	Intake	05	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.
6	Intake	05-04	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	07-04	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Pin Bushing	06-04	4994Y		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	07-04	E-918K	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	07-04	7426MA	Std-.25MM	w/o Variable Cam Timing
1	Rod Set	07-04	6-4990A	Std-.25MM	
1	Cam Set	08-04	1922M	Std Only	New Part Number - Check for Availability
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	07-04	224-4152		3/4" inlet
1	Screen Assy.	07-04	224-14278		
49 2002 - 1999; 3.5L 214 (3473cc) DOHC V6 (24 Valve), 89.5mm Bore Northstar; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code H 49					
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
12	Exhaust	02-99	V-4638	Std Only	1.103" Head Dia., 0.2335" Stem Dia., 3.678" O.A.L.
12	Intake	02-99	V-4643	Std Only	Chrome plated stem; 1.426" Head Dia., 0.2335" Stem Dia., 4.408" O.A.L.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	00-99	H1131CT	Std-25-.50-.75MM	Hypereutectic; 1 - .125mm Groove, 1 - 1.50mm Groove, 1 - 2.50mm Groove, 1.090 CD, Flat Head; DUROSHIELD® skirt coated piston; Keronite coating of 10 microns on crown, top land, in top groove, and top half of second land, 21.003mm Pin Dia.
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	02-99	7418M	Std-.25-.50MM	
1	Rod Set	02-99	6-4955P	Std-.25-.50MM	
1	Balance Shaft Bearing	02-99	4984DR	Std Only	
50 2010 - 2006; 3.5L 214 (3510cc) OHV V6 (12 Valve), 99mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K 50					
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
12	Lifter	10-06	HT-2270	Std Only	Hyd. rlr.
12	Lifter, Bulk	10-06	HT-2270B	Std Only	Hyd. rlr.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	10-06	V-4713	Std Only	Chrome plated stem; 1.5230" Head Dia., 0.3135" Stem Dia., 4.8030" O.A.L.
6	Intake	10-06	V-4712	Std Only	Chrome plated stem; 1.8700" Head Dia., 0.3136" Stem Dia., 4.8350" O.A.L.
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	10-06	VK-291	Std Only	1 groove
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	10-06	7242MA	Std-.25-.50-.75-1.00MM	w/Variable Cam Timing; A-Series aluminum bearings; series aluminum bearings; 3/4 grooved
1	Rod Set	07-06	6-4990A	Std-.25MM	
51 2010 - 2006; 3.5L 214 (3510cc) OHV V6 (12 Valve), 99mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code N 51					
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
12	Lifter	10-06	HT-2270	Std Only	Hyd. rlr.
12	Lifter, Bulk	10-06	HT-2270B	Std Only	Hyd. rlr.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

51 (cont.)		2010 - 2006; 3.5L 214 (3510cc) OHV V6 (12 Valve), 99mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code N				51 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	10-06	V-4713	Std Only	Chrome plated stem; 1.5230" Head Dia., 0.3135" Stem Dia., 4.8030" O.A.L.		
6	Intake	10-06	V-4712	Std Only	Chrome plated stem; 1.8700" Head Dia., 0.3136" Stem Dia., 4.8350" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	10-06	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Pin Bushing	06	4994Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	10-06	7242MA	Std.-25-50-75-1.00MM	w/Variable Cam Timing; A-Series aluminum bearings series aluminum bearings; 3/4 grooved		
1	Rod Set	07-06	6-4990A	Std.-25MM			
52		2009 - 2004; 3.6L 217 (3564cc) DOHC V6 (24 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code 7				52	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	09-04	HT-2307	Std Only			
53		2005 - 1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Supercharged GMC Eng.; Buick; VIN Code 1				53	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	05-96	KT3-381SA2		(1) 222-381A; (1) 223-811; (1) 223-812		
1	3 Piece Set	95	KT3-381SA1		(1) 222-381A; (1) 223-810; (1) 223-811		
1	3 Piece Set	94-91	KT3-381S		(1) 222-375; (1) 223-716; (1) 223-729		
1	Timing Chain	05-95	222-381A		64 Links		
1	Timing Chain Tensioner	94-91	222-175CT		w/Chamfered mounting hole		
1	Timing Chain Tensioner	94-91	222-295CT		Blocks w/Counter bored mounting hole		
1	Chain Damper	05-95	222-344GP				
1	Crank Sprocket	05-95	223-811		24 teeth; 24 Teeth		
1	Crank Sprocket	94-91	223-729		20 Teeth		
1	Cam Sprocket	04-96	223-810		48 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	05-04	CS-1541		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 180 Int., 115 Degrees Lobe Separation, 0.408" Exh. Valve Lift, 0.411" Int. Valve Lift		
1	Camshaft	01-96	CS-1541		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 180 Int., 115 Degrees Lobe Separation, 0.408" Exh. Valve Lift, 0.411" Int. Valve Lift		
1	Camshaft	95-91	CS-1506		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 181 Int., 112 Degrees Lobe Separation		
1	Thrust Button	94-92	MR-1876	Std Only	Single Cam Bolt		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	05-99	HT-2148	Std Only	2nd Design; Hyd. rlr.; 2.600" O.A.L.		
12	Lifter	98	HT-2148	Std Only	1st and 2nd Design; Hyd. rlr.; 2.600" O.A.L.		
12	Lifter	97-91	HT-2148	Std Only	1st Design; Hyd. rlr.; 2.600" O.A.L.		
12	Lifter, Bulk	05-99	HT-2148B	Std Only	2nd Design; Hyd. rlr.; Carton of 128		
12	Lifter, Bulk	98	HT-2148B	Std Only	1st and 2nd Design; Hyd. rlr.; Carton of 128		
12	Lifter, Bulk	97-91	HT-2148B	Std Only	1st Design; Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	05-04	KC-1541		2nd Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148		
1	Cam/Lifter Kit	01-00	KC-1541		2nd Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148		
1	Cam/Lifter Kit	98-96	KC-1541		1st Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148		
1	Cam/Lifter Kit	95-91	KC-1506		1st Design; Hyd. rlr.; (1) 55-403B; (1) CS-1506; (12) HT-2148		
1	Cam/Lifter/Timing Kit	05-04	KCT-1541A		2nd Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148; (1) KT3-381SA2		
1	Cam/Lifter/Timing Kit	01-00	KCT-1541A		2nd Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148; (1) KT3-381SA2		
1	Cam/Lifter/Timing Kit	98-96	KCT-1541A		1st Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148; (1) KT3-381SA2		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	05-96	RP-3340	Std Only	6.959" O.A.L.		
12	Push Rod	92-91	RP-3285	Std Only	7.965" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	04-96	V-4557	Std Only	Chrome plated stem; 1.52" Head Dia., 0.3132" Stem Dia., 4.7133" O.A.L.		
6	Exhaust	95-92	V-3915	Std-15	Chrome plated stem; 1.487" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

53 (cont.)	2005 - 1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Supercharged GMC Eng.; Buick; VIN Code 1				53 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
6	Exhaust, Bulk	95-92	V-3915B 15	15	Chrome plated stem; Carton of 25; 1.487" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
6	Intake	04-96	V-4570	Std Only	Chrome plated stem; 1.8" Head Dia., 0.3134" Stem Dia., 4.7212" O.A.L.
6	Intake	95-92	V-3916	Std-15	Chrome plated stem; 1.71" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Intake, Bulk	95-92	V-3916B 15	15	Chrome plated stem; Carton of 25; 1.71" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	98-93	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L.
12	Guide	98-93	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L.
12	Guide, Bulk	98-93	VG-5006B		Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L.
12	Guide, Bulk	98-93	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	05-96	VS-1628	Std Only	1.945" Free Height
12	Spring	95-93	VS-924	Std Only	2.11" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	94-93	MV-1888A	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal Bulk	94-93	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	95-93	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	95-93	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	05-96	VK-291	Std Only	Loc. Int. & Exh.; 1 groove
24	Keeper	95-93	VK-115	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 32
24	Keeper	95-93	VK-115A	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 24
24	Keeper	95-93	VK-115R	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	95-93	VK-115B	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton of 1000
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	05-96	H871CT	Std-20-30-40	Hypereutectic; 1 -, 1.20MM Groove, 1 - 1.50MM Groove, 1 - 2.00MM Groove, 1.196 CD, .9058" Pin Dia.
6	Cast Piston	95-92	H687CT	Std-20-30-40	Hypereutectic; 1 -, 1.20MM Groove, 1 - 1.50MM Groove, 1 - 3.00MM Groove, 1.3888 CD, .9058" Pin Dia.
6	Cast Piston - Individual	95-92	WH687CPA 20	20-30-40	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.388 CD, Recessed Head .260 deep x 3.040 dia.; DUROSHIELD® skirt coated piston; Anodized crown from the middle of the 2nd ring land up, 0.9058" Pin Dia.
6	Pin Bushing	03-93	3764Y		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05-96	E-919K	Std-20-30-40	1-1.20MM, 1-1.50MM, 1-2.00MM; Premium Moly
1	Premium Set	95-92	E-643K	Std-20-30-40	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	93	E-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	95-92	WE-643K	Std-20	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	93	WE-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-95	7288MA	Std-10-20-30	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap w/.020" O/S length flange brg.; A-Series aluminum bearings brg.;
1	Main Set	05-95	7441MA 10	10	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap
1	Main Set	03-95	7397MA 10	10	A-Series aluminum bearings; .020" O/S length flange brg.
1	Main Set	94	7277MA	Std-10	A-Series aluminum bearings; w/7/16" main bolt; Nodular iron main cap
1	Main Set	93-91	7144MA	Std-10-20-30-40	w/1/2" main bolt; A-Series aluminum bearings aluminum bearings
1	Rod Set	05-91	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .721" O.A.L.
1	Rod Set	05-91	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.
6	Rod Pair	05-91	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.
1	Cam Set	05	1755M	Std Only	Babbitt material
1	Cam Set	05-96	1889M	Std Only	
1	Cam Set	95-91	1755M	Std Only	Babbitt material
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	02-96	224-53572		
1	Pump Repair Kit	95	224-53580		
1	Pump Repair Kit	94-91	224-51379		
1	Screen Assy.	02-92	224-14280		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	97-96	260-1743		1st Design; Int. manifold gskts. w/Rubber end seals w/o Locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

53 (cont.)		2005 - 1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Supercharged GMC Eng.; Buick; VIN Code 1				53 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95	260-1744	w/Windage tray; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	94-91	260-1745	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Head Bolt Set	05-96	260-2543	Std Only	Replacement required; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	94-91	381-8073				
1	Brass Deep Cup Freeze Plug	94-91	381-9007	1.125" Diameter			
1	Steel Shallow Cup Freeze Plug	94-91	381-2189	15mm Diameter			
1	Steel Shallow Cup Freeze Plug	94-91	381-2196	1.953" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
97-96	1st design Int. manifold gskts. w/Rubber end seals w/o locating pins incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			205-6412	----		
95-95	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			205-6927	----		
94-92	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove			205-6924	----		
93-93	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6925	----		
97-96	1st design Int. manifold gskts. w/Rubber end seals w/o locating pins incl.; Head bolts not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.			205-6412M	----		
95-95	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.			205-6927M	----		
94-94	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; w/7/16" main bolt; Nodular iron main cap incl.			205-6926M	----		
93-93	Head bolts not incl.; w/1/2" main bolt; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6925M	----		
93-92	Head bolts not incl.; w/1/2" main bolt; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove			205-6924M	----		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
97-96	1st design Int. manifold gskts. w/Rubber end seals w/o locating pins incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Powdered metal main cap; w/.721" O.A.L. brgs.			BK-6047	----		
95-95	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Powdered metal main cap; w/.721" O.A.L. brgs.			BK-6046	----		
94-94	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Nodular iron main cap; w/.721" O.A.L. brgs.			BK-6045	----		
93-92	w/1/2" main bolt; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			BK-6044	----		
54		2009 - 2004; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code 2				54	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	05-04	KT3-381SA1	(1) 222-381A; (1) 223-810; (1) 223-811			
1	Timing Chain	09-04	222-381A	64 Links			
1	Chain Damper	09-04	222-344GP				
1	Crank Sprocket	09-04	223-811	24 teeth; 24 Teeth			
1	Cam Sprocket	09-04	223-810	48 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

54 (cont.)	2009 - 2004; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code 2				54 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
1	Camshaft	09-04	CS-1541		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 180 Int., 115 Degrees Lobe Separation, 0.408" Exh. Valve Lift, 0.411" Int. Valve Lift
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	09-04	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
12	Lifter, Bulk	09-04	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	06-04	KC-1541		Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148
1	Cam/Lifter/Timing Kit	05-04	KCT-1541		Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148; (1) KT3-381SA1
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	09-05	RP-3340	Std Only	6.959" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	09-04	VS-1628	Std Only	1.945" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	09-05	VK-291	Std Only	Loc. Int. & Exh.; 1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	09	H840CP	Std-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.00mm Groove, 1.090 CD, Recessed Head .050 deep x 2.900 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.
6	Cast Piston	08-06	H840CP	Std-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.00mm Groove, 1.090 CD, Recessed Head .050 deep x 2.900 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.
6	Cast Piston	05	H840CP	Std-50-.75-1.00MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.00mm Groove, 1.090 CD, Recessed Head .050 deep x 2.900 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	09-04	E-919K	Std-20-30-40	Use w/H840P piston; 1-1.20MM, 1-1.50MM, 1-2.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04	7397MA 10	10	A-Series aluminum bearings; .020" O/S length flange brg.
1	Main Set	05-04	7288MA	Std-10-20-30	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap w/.020" O/S length flange brg.; A-Series aluminum bearings brg.;
1	Main Set	05-04	7441MA 10	10	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap A-Series aluminum bearings; .721" O.A.L.
1	Rod Set	05-04	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.
1	Rod Set	05-04	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.
6	Rod Pair	05-04	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.
1	Cam Set	06-04	1889M	Std Only	
1	Cam Set	05	1755M	Std Only	Babbitt material
1	Balance Shaft Bearing	04	3204DR	Std Only	Loc. Rear
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	05-04	260-3035		2nd Design; Int. manifold gskts. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	08-04	260-2543	Std Only	Replacement required; New Part Number - Check for Availability
55	2007 - 2004; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Supercharged GMC Eng.; Buick; VIN Code 4				55
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	05-04	KT3-381SA2		(1) 222-381A; (1) 223-811; (1) 223-812
1	Timing Chain	05-04	222-381A		64 Links
1	Chain Damper	05-04	222-344GP		
1	Crank Sprocket	05-04	223-811		24 teeth; 24 Teeth
1	Cam Sprocket	04	223-810		48 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	07-04	CS-1541		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 180 Int., 115 Degrees Lobe Separation, 0.408" Exh. Valve Lift, 0.411" Int. Valve Lift
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	05-04	HT-2148	Std Only	2nd Design; Hyd. rlr.; 2.600" O.A.L.
12	Lifter, Bulk	05-04	HT-2148B	Std Only	2nd Design; Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	05-04	KC-1541		2nd Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148
1	Cam/Lifter/Timing Kit	05-04	KCT-1541A		2nd Design; Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148; (1) KT3-381SA2
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

55 (cont.)		2007 - 2004; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Supercharged GMC Eng.; Buick; VIN Code 4				55 (cont.)	
VALVETRAIN							
QTY	PUSH ROD (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	05-04	RP-3340	Std Only	6.959" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	04	V-4557	Std Only	Chrome plated stem; 1.52" Head Dia., 0.3132" Stem Dia., 4.7133" O.A.L.		
6	Intake	04	V-4570	Std Only	Chrome plated stem; 1.8" Head Dia., 0.3134" Stem Dia., 4.7212" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	07-04	VS-1628	Std Only	1.945" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	05-04	VK-291	Std Only	Loc. Int. & Exh.; 1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	05-04	H871CT	Std-20-30-40	Hypereutectic; 1 -, 1.20MM Groove, 1 - 1.50MM Groove, 1 - 2.00MM Groove, 1.196 CD, .9058" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-04	E-919K	Std-20-30-40	1-1.20MM, 1-1.50MM, 1-2.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	05-04	7288MA	Std-10-20-30	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap w/.020" O/S length flange brg.; A-Series aluminum bearingsbrg.;		
1	Main Set	05-04	7441MA 10	10	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap		
1	Rod Set	05-04	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .721" O.A.L.		
1	Rod Set	05-04	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.		
6	Rod Pair	05-04	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.		
1	Cam Set	05	1755M	Std Only	Babbitt material		
1	Cam Set	05-04	1889M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Head Bolt Set	07-04	260-2543	Std Only	Replacement required; New Part Number - Check for Availability		
56		1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code C				56	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	91	KT3-381S		(1) 222-375; (1) 223-716; (1) 223-729		
1	Timing Chain	91	222-375		54 Links		
1	Timing Chain Tensioner	91	222-175CT		Single Bolt Cam; w/Chamfered mounting hole		
1	Timing Chain Tensioner	91	222-295CT		Single Bolt Cam; Blocks w/Counter bored mounting hole		
1	Crank Sprocket	91	223-729		20 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	91	CS-1514		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 188 Int., 113 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
12	Lifter, Bulk	91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	91	RP-3285	Std Only	7.965" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Bolt	91	MR-1887	Std Only	Use to replace orig. bolt w/staked-on pivot		
12	Pivot	91	MR-1886	Std Only	Use to replace orig. bolt w/staked-on pivot		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	91	V-3915	Std-15	Chrome plated stem; 1.487" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.		
6	Exhaust, Bulk	91	V-3915B 15	15	Chrome plated stem; Carton of 25; 1.487" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.		
6	Intake	91	V-3916	Std-15	Chrome plated stem; 1.71" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.		
6	Intake, Bulk	91	V-3916B 15	15	Chrome plated stem; Carton of 25; 1.71" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	91	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L		
12	Guide	91	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L		
12	Guide, Bulk	91	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L		
12	Guide, Bulk	91	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	91	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE		
12	Valve Stem Seal	91	MV-1888A	Std Only	Positive type; (VTN) Viton®		
12	Valve Stem Seal Bulk	91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

56 (cont.)	1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code C				56 (cont.)
VALVETRAIN					
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal Bulk	91	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	91	245-1562-2	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.248" Depth
6	Seat	91	245-1562-2N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.248" Depth
6	Seat	91	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	91	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	91	VK-115	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 32
24	Keeper	91	VK-115A	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 24
24	Keeper	91	VK-115R	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	91	VK-115B	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton of 1000
12	Spring Insert	91	259-201A	Std Only	.060"; Carton of 100
12	Spring Insert	91	259-201ARS	Std Only	.060"; Carton of 500
12	Spring Insert	91	259-201B	Std Only	.030"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	91	H558P	Std-50-.75-1.00-1.50MM	Use w/E-532K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .260 deep x 3.050 dia. - 8.5:1 C.R., 0.9054" Pin Dia.
6	Cast Piston - Individual	91	WH558P	Std-50-.75-1.00-1.50MM	Use w/WE-532K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .260 deep x 3.050 dia. - 8.5:1 C.R., 0.9054" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	91	E-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly
1	Standard Set	91	E-532X	Std Only	2-1.50MM, 1-3.00MM; Iron
6	Premium Single Cylinder Set	91	WE-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	91	107M	Std-1-10	Race Performance; Half grooved
1	Main Set	91	7144MA	Std-10-20-30-40	w/1/2" main bolt; A-Series aluminum bearings aluminum bearings
1	Main Set	91	7150MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.
1	Rod Set	91	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .721" O.A.L.
1	Rod Set	91	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.
6	Rod Pair	91	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.
1	Cam Set	91	1755M	Std Only	Babbitt material
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	91	224-51379		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	91	260-1567		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	91	260-2533	Std Only	Replacement required
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	91	381-8073		
1	Brass Deep Cup Freeze Plug	91	381-9007		1.125" Diameter
1	Steel Shallow Cup Freeze Plug	91	381-2189		15mm Diameter
1	Steel Shallow Cup Freeze Plug	91	381-2196		1.953" Diameter
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.		Re-ring	----	205-1923
91-91	Exh. pipe packing not incl.; w/1/2" main bolt; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.		Re-ring w/Mains	----	205-1923M
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; Oil pump & cam kit not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Master w/o Rods & Mains	505-6223A	----
57	2005 - 1995; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code K				57
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	05-95	KT3-381SA1		(1) 222-381A; (1) 223-810; (1) 223-811

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

57 (cont.)		2005 - 1995; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated			57 (cont.)	
GMC Eng.; Buick; VIN Code K						
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	05	222-381A		64 Links	
1	Timing Chain	04-95	222-381A		64 Links	
1	Timing Chain Tensioner	99-95	222-175CT		w/Chamfered mounting hole	
1	Timing Chain Tensioner	99-95	222-295CT		Blocks w/Counter bored mounting hole	
1	Chain Damper	05	222-344GP			
1	Chain Damper	04-95	222-344GP			
1	Crank Sprocket	05	223-811		24 teeth; 24 Teeth	
1	Crank Sprocket	04-95	223-811		24 teeth; 24 Teeth	
1	Cam Sprocket	05	223-810		48 Teeth	
1	Cam Sprocket	04-95	223-810		48 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	05-95	CS-1541		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 180 Int., 115 Degrees Lobe Separation, 0.408" Exh. Valve Lift, 0.411" Int. Valve Lift	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	05-95	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
12	Lifter, Bulk	05-95	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	05-95	KC-1541		Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148	
1	Cam/Lifter/Timing Kit	05-95	KC-1541		Hyd. rlr.; (1) 55-403B; (1) CS-1541; (12) HT-2148; (1) KT3-381SA1	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	00-96	RP-3340	Std Only	6.959" O.A.L.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	03-96	V-4557	Std Only	Chrome plated stem; 1.52" Head Dia., 0.3132" Stem Dia., 4.7133" O.A.L.	
6	Intake	04-96	V-4570	Std Only	Chrome plated stem; 1.8" Head Dia., 0.3134" Stem Dia., 4.7212" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	98	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L.	
12	Guide	98	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L.	
12	Guide, Bulk	98	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L.	
12	Guide, Bulk	98	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	05-95	VS-1628	Std Only	1.945" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	00-98	ST-2087	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
12	Valve Stem Seal	97-96	ST-2127	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	04-96	VK-291	Std Only	Loc. Int. & Exh.; 1 groove	
24	Keeper	95	VK-115	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 32	
24	Keeper	95	VK-115A	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 24	
24	Keeper	95	VK-115R	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Hardened	
24	Keeper, Bulk	95	VK-115B	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton of 1000	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	05-95	H840CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.00mm Groove, 1.090 CD, Recessed Head .050 deep x 2.900 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.	
6	Cast Piston - Individual	05-95	WH840CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.00mm Groove, 1.090 CD, Recessed Head .050 deep x 2.900 dia.; DUROSHIELD® skirt coated piston, 0.8664" Pin Dia.	
6	Pin Bushing	03-95	3759Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-95	E-919K	Std-20-30-40	Use w/H840P piston; 1-1.20MM, 1-1.50MM, 1-2.00MM; Premium Moly	
1	Premium Set	95	E-643K	Std-20-30-40	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-95	7288MA	Std-10-20-30	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap w/.020" O/S length flange brg.; A-Series aluminum bearingsbrg.;	
1	Main Set	05-95	7441MA 10	10	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap	
1	Main Set	04-95	7397MA 10	10	A-Series aluminum bearings; .020" O/S length flange brg.	
1	Main Set	95	7144MA	Std-10-20-30-40	A-Series aluminum bearings	
1	Rod Set	05-95	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .721" O.A.L.	
1	Rod Set	05-95	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.	
6	Rod Pair	05-95	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.	
1	Cam Set	05	1755M	Std Only	Babbitt material	
1	Cam Set	05-96	1889M	Std Only		
1	Balance Shaft Bearing	04-95	3204DR	Std Only	Loc. Rear	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

57 (cont.)	2005 - 1995; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code K				57 (cont.)
BLOCK					
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Pump Repair Kit	02-95	224-53572		
1	Screen Assy.	00-99	224-14280		
1	Screen Assy.	98-96	224-14280		
1	Screen Assy.	95	224-14280		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	05	260-3034	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; RTV not incl. for grooved oil pan; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	05	260-3035	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04	260-3034	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; RTV not incl. for grooved oil pan; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04	260-3035	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03	260-3032	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03-00	260-3033	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	02	260-3032	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	02-99	260-3031	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-3032	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00	260-3032	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	99	260-3032	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98-97	260-3031	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98-97	260-3032	2nd Design; Int. manifold gsks. w/Rubber-plastic end seals w/Locating pins; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97-96	260-1741	1st Design; Int. manifold gsks. w/Rubber end seals w/o Locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97-96	260-1742	1st Design; Int. manifold gsks. w/Rubber end seals w/o Locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1741	1st Design; Int. manifold gsks. w/Rubber end seals w/o Locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1742	1st Design; Int. manifold gsks. w/Rubber end seals w/o Locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	05-95	260-2543	Std Only	Replacement required; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	95	381-8073		
1	Brass Deep Cup Freeze Plug	95	381-9007	1.125" Diameter	
1	Steel Shallow Cup Freeze Plug	95	381-2189	15mm Diameter	
1	Steel Shallow Cup Freeze Plug	95	381-2196	1.953" Diameter	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

57 (cont.)		2005 - 1995; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code K				57 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-96	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring			205-6408	----	
97-96	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring			205-6409	----	
95-95	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring			205-6408	----	
95-95	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring			205-6409	----	
97-96	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring w/Mains			205-6408M	----	
97-96	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring w/Mains			205-6409M	----	
95-95	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring w/Mains			205-6408M	----	
95-95	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; Use w/H840P piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.; For pistons w/1-1.20MM, 1-1.50MM, 1-2.00MM ring groove	Re-ring w/Mains			205-6409M	----	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-96	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Powdered metal main cap; w/.721" O.A.L. brgs.	Block Kit w/Premium Rings			BK-6042	----	
97-96	1st design int. manifold gskts. w/Rubber end seals w/o locating pins; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Powdered metal main cap; w/.721" O.A.L. brgs.	Block Kit w/Premium Rings			BK-6043	----	

58		1995 - 1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code L				58	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	94-91	KT3-381S	(1) 222-375; (1) 223-716; (1) 223-729			
1	Timing Chain	94-91	222-375	54 Links			
1	Timing Chain Tensioner	95-92	222-175CT	w/Chamfered mounting hole			
1	Timing Chain Tensioner	95-92	222-295CT	Blocks w/Counter bored mounting hole			
1	Timing Chain Tensioner	91	222-175CT	w/Chamfered mounting hole; Single Cam Bolt			
1	Timing Chain Tensioner	91	222-295CT	w/Counter bored mounting hole; Single Cam Bolt			
1	Crank Sprocket	94-91	223-729	20 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	95-91	CS-1506	Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 181 Int., 112 Degrees Lobe Separation			
1	Prelube		55-400	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	Std Only		
1	Prelube		55-403	1.5 oz. packet	Std Only		
12	Lifter	95-91	HT-2148	Hyd. rlr.; 2.600" O.A.L.	Std Only		
12	Lifter, Bulk	95-91	HT-2148B	Hyd. rlr.; Carton of 128	Std Only		
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION			

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

58 (cont.)	1995 - 1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code L				58 (cont.)
VALVETRAIN					
QTY	CAM KIT (cont.)	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	95-91	KC-1506		Hyd. rlr.; (1) 55-403B; (1) CS-1506; (12) HT-2148
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	95-91	RP-3285	Std Only	7.965" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
12	Bolt	92-91	MR-1887	Std Only	Use to replace orig. bolt w/staked-on pivot
12	Pivot	92-91	MR-1886	Std Only	Use to replace orig. bolt w/staked-on pivot
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	95-91	V-3915	Std-15	Chrome plated stem; 1.487" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Exhaust, Bulk	95-91	V-3915B 15	15	Chrome plated stem; Carton of 25; 1.487" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
6	Intake	95-91	V-3916	Std-15	Chrome plated stem; 1.71" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Intake, Bulk	95-91	V-3916B 15	15	Chrome plated stem; Carton of 25; 1.71" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	95-91	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L
12	Guide	95-91	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L
12	Guide, Bulk	95-91	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L
12	Guide, Bulk	95-91	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	95-93	VS-924	Std Only	2.11" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	94-91	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
12	Valve Stem Seal	94-91	MV-1888A	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal Bulk	94-91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®
12	Valve Stem Seal Bulk	94-91	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	95-91	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	95-91	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth
6	Seat	94-91	245-1562-2	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.248" Depth
6	Seat	94-91	245-1562-2N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.248" Depth
6	Seat	94-91	245-1812-3	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	95-91	VK-115	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 32
24	Keeper	95-91	VK-115A	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 24
24	Keeper	95-91	VK-115R	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	95-91	VK-115B	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton of 1000
12	Spring Insert	94-91	259-201A	Std Only	.060"; Carton of 100
12	Spring Insert	94-91	259-201ARS	Std Only	.060"; Carton of 500
12	Spring Insert	94-91	259-201B	Std Only	.030"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	95-93	H622P	Std-50-75-1.00MM	Use w/E-643K ring set; Hypereutectic; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.444 CD, Recessed Head .315 deep x 2.205 dia., 0.9054" Pin Dia.
6	Cast Piston	92-91	H558P	Std-50-75-1.00-1.50MM	Use w/E-532K ring set; Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .260 deep x 3.050 dia. - 8.5:1 C.R., 0.9054" Pin Dia.
6	Cast Piston - Individual	95-93	WH622P	Std-50-75-1.00MM	Use w/WE-643K ring set; Hypereutectic; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.444 CD, Recessed Head .315 deep x 2.205 dia., 0.9054" Pin Dia.
6	Cast Piston - Individual	92-91	WH558P	Std-50-75-1.00-1.50MM	Use w/WE-532K ring set; Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .260 deep x 3.050 dia. - 8.5:1 C.R., 0.9054" Pin Dia.
6	Pin Bushing	95	3759Y		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	95	E-919K	Std-20-30-40	Use w/H840P piston; 1-1.20MM, 1-1.50MM, 1-2.00MM; Premium Moly
1	Premium Set	95-93	E-643K	Std-20-30-40	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	92-91	E-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly
1	Standard Set	92-91	E-532X	Std Only	2-1.50MM, 1-3.00MM; Iron
6	Premium Single Cylinder Set	94-93	WE-643K	Std-20	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	92-91	WE-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	95	7288MA	Std-10-20-30	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap
1	Main Set	95	7397MA 10	10	A-Series aluminum bearings; .020" O/S length flange brg.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

58 (cont.)		1995 - 1991; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated				58 (cont.)	
GMC Eng.; Buick; VIN Code L							
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95	7441MA 10	10	w/.020" O/S length flange brg.; A-Series aluminum bearingsbrg.;		
1	Main Set	95-94	7144MA	Std-10-20-30-40	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap		
1	Main Set	94	7277MA	Std-10	A-Series aluminum bearings		
1	Main Set	93-91	107M	Std-1-10	A-Series aluminum bearings; w/7/16" main bolt; Nodular iron main cap		
1	Main Set	93-91	7144MA	Std-10-20-30-40	Race Performance; Half grooved		
1	Main Set	93-91	7150MA 10	10-20	w/1/2" main bolt; A-Series aluminum bearings aluminum bearings		
1	Rod Set	95-91	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .020" O/S length flange brg.		
1	Rod Set	95-91	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; .721" O.A.L.		
6	Rod Pair	95-91	3760A	Std-1-10-20-30	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.		
1	Balance Shaft Bearing	95	3204DR	Std Only	A-Series aluminum bearings; .721" O.A.L.		
					Loc. Rear		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	95	224-53580				
1	Pump Repair Kit	94-91	224-51379				
1	Screen Assy.	95-92	224-14280				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95	260-1740		Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1566		Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92-91	260-1566		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	95-91	260-2533	Std Only	Replacement required		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8073				
1	Brass Deep Cup Freeze Plug	95-91	381-9007		1.125" Diameter		
1	Steel Shallow Cup Freeze Plug	95-91	381-2189		15mm Diameter		
1	Steel Shallow Cup Freeze Plug	95-91	381-2196		1.953" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-95	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.		Re-ring		205-6414	----	
94-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.		Re-ring		205-6354	----	
95-95	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.		Re-ring w/Mains		205-6414M	----	
94-94	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/7/16" main bolt; Nodular iron main cap incl.		Re-ring w/Mains		205-6355M	----	
94-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6354M	----	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.		Re-ring		205-6415	205-1415	
92-91	Exh. pipe packing not incl.; w/1/2" main bolt; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs. PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6415M	205-1415M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Oil pump & cam kit not incl.		Master w/o Rods & Mains		505-6222A	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.		Master w/o Rods & Mains		505-6382A	----	
59		2009 - 2006; 3.9L 242 (3880cc) OHV V6 (12 Valve), 99mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 1				59	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	08-06	HT-2270	Std Only	Hyd. rfr.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

59 (cont.)	2009 - 2006; 3.9L 242 (3880cc) OHV V6 (12 Valve), 99mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 1				59 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
12	Lifter, Bulk	08-06	HT-2270B	Std Only	Hyd. lifr.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	09-06	V-4713	Std Only	Chrome plated stem; 1.5230" Head Dia., 0.3135" Stem Dia., 4.8030" O.A.L.
6	Intake	09-06	V-4712	Std Only	Chrome plated stem; 1.8700" Head Dia., 0.3136" Stem Dia., 4.8350" O.A.L.
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	06	VK-291	Std Only	Loc. Int. & Exh.; 1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Pin Bushing	06	4994Y		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	09-06	7242MA	Std.-25-.50-.75-1.00MM	w/Variable Cam Timing; A-Series aluminum bearingsseries aluminum bearings; 3/4 grooved
1	Rod Set	06	6-4990A	Std.-25MM	
60	2003 - 1995; 4.0L 244 (3995cc) DOHC V8 (32 Valve), 87mm Bore Northstar; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code C				60
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	02-01	222-1019		2 Req'd; 126 Links
1	Timing Chain	02-01	222-1020		62 Links
1	Timing Chain	99	222-1019		2 Req'd; 126 Links
1	Timing Chain	99	222-1020		62 Links
1	Timing Chain	98-95	222-1019		Loc. Upper; 126 Links
1	Timing Chain	98-95	222-1020		Loc. Lower; 62 Links
1	Timing Chain Tensioner	02-01	222-313CT		2 Req'd
1	Timing Chain Tensioner	02-01	222-314CT		
1	Timing Chain Tensioner	99	222-313CT		2 Req'd
1	Timing Chain Tensioner	99	222-314CT		
1	Timing Chain Tensioner	98-95	222-313CT		Loc. Upper
1	Timing Chain Tensioner	98-95	222-314CT		Loc. Lower
1	Chain Damper	02-01	222-311GP		Tensioner shoe
1	Chain Damper	99-95	222-311GP		Loc. L.H.; Tensioner shoe
1	Timing Chain Guide	02-01	222-309GP		Loc. L.H.
1	Timing Chain Guide	99-97	222-309GP		Loc. L.H.
1	Timing Chain Guide	99-95	222-310GP		Loc. Upper
1	Timing Chain Guide	96-95	222-309GP		Loc. Lower
1	Crank Sprocket	99-95	223-795		30 Teeth
1	Cam Sprocket	02-01	223-768		Loc. Int. R.H.; 40 teeth; 40 Teeth
1	Cam Sprocket	02-01	223-780		Loc. L.H.; 2 Req'd; 40 teeth; 40 Teeth
1	Cam Sprocket	99	223-780		Loc. L.H.; 2 Req'd; 40 teeth; 40 Teeth
1	Cam Sprocket	99-95	223-768		Loc. Int. R.H.; 40 teeth; 40 Teeth
1	Cam Sprocket	99-95	223-770		Loc. Exh. R.H.; 40 Teeth
2	Cam Sprocket	98-95	223-780		Loc. Int. & Exh. L.H.; 40 teeth; 40 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
32	Lifter	99-95	HT-2273	Std Only	Hyd. bucket type lifter; 33mm Dia.
32	Lifter, Bulk	99-95	HT-2273B	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
16	Exhaust	02-01	V-4638	Std Only	1.103" Head Dia., 0.2335" Stem Dia., 3.678" O.A.L.
16	Exhaust	99-95	V-4477	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2335" Stem Dia., 3.564" O.A.L.
16	Intake	99-95	V-4523	Std Only	1.229" Head Dia., 0.2335" Stem Dia., 4.188" O.A.L.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	99-96	H1130CP	Std.-25-.50-.75MM	Hypereutectic; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Flat Head w/4 valve reliefs, 22.004mm Pin Dia.
8	Cast Piston	95	H1130CP	Std.-25-.50-.75MM	Use w/E-935K ring set; Hypereutectic; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Flat Head w/4 valve reliefs, 22.004mm Pin Dia.
8	Pin Bushing	99-95	1544Y		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-96	E-935K	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	03-01	7319MA	Std.-25-.50-.75MM	A-Series aluminum bearings
1	Main Set	03-01	7428MA 50X25	50X25	A-Series aluminum bearings; w/.25MM O/S OD
1	Main Set	99-95	7319MA	Std.-25-.50-.75MM	A-Series aluminum bearings
1	Main Set	99-95	7428MA 50X25	50X25	A-Series aluminum bearings; w/.25MM O/S OD
1	Rod Set	03-01	8-4825A	Std.-25-.50-.75MM	A-Series aluminum bearings

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

60 (cont.)		2003 - 1995; 4.0L 244 (3995cc) DOHC V8 (32 Valve), 87mm Bore Northstar; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code C				60 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	99-95	8-4825A	Std.-25-50-.75MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-95	224-43571				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
2	Head Bolt Set	99-95	260-2551	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
61		1993 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				61	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	93	KT3-499SA4		w/Balance shaft; (1) 222-499; (1) 223-505; (1) 223-776		
1	3 Piece Set	93-91	KT3-499SA6		w/.405" tooth width sprocket; (1) 222-499; (1) 223-505; (1) 223-732T		
1	Gear Set	93	221-2555S		w/Balance shaft; Bal. shaft set		
1	Timing Chain	93-91	222-499		Use w/.405" tooth width sprocket; 46 Links		
1	Crank Sprocket	93-91	223-391		Powdered metal; .405" tooth width sprocket; 18 Teeth		
1	Crank Sprocket	93-91	223-505		Steel; .405" tooth width sprocket; 18 Teeth		
1	Cam Sprocket	93	223-776		36 teeth; 36 Teeth		
1	Cam Sprocket	93	223-776		w/Balance shaft; 36 teeth; 36 Teeth		
1	Cam Sprocket	93-91	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	93-91	CS-783		w/o Balance shaft; Hydraulic, (050) Duration at .050 Lobe Lift, 195 Exh., 179 Int., 110 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	93-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
12	Lifter, Bulk	93-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	93-91	KC-783		w/o Balance shaft; Hyd. rlr.; (1) 55-403B; (1) CS-783; (12) HT-2148		
1	Cam/Lifter/Timing Kit	93-91	KCT-783A		w/o Balance shaft; Incl. hardened cam sprocket; Hyd. rlr.; (1) 55-403B; (1) CS-783; (12) HT-2148; (1) KT3-499SA3		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	93-91	RP-3262	Std Only	7.192" O.A.L.		
12	Push Rod, Bulk	93-91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	93-92	R-1121	Std Only	Incl. arm, ball & nut; Non-Adj.; w/metric threads		
12	Arm Assy.	93-91	R-973	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut		
12	Arm Assy., Bulk	93-91	R-973B	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut; Carton of 64		
12	Arm	93-91	R-973A	Std Only	Adj.; w/standard threads		
12	Rocker Arm Ball	93-92	MR-1946	Std Only	Non-Adj.; w/metric threads		
12	Rocker Arm Ball	93-91	MR-1783	Std Only	Adj.; w/standard threads		
12	Nut	93-92	MR-1947	Std Only	10 x 1.25 threads		
12	Nut	93-91	MR-1751	Std Only	Adj.; w/standard threads; Self-locking, 3/8" x 24 threads		
12	Stud	93-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"		
12	Stud	93-91	MR-1949	Std Only	.372" x 24 x 2.495"		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Intake	93-91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.		
6	Intake	93-91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.		
6	Intake, Bulk	93-91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	93-91	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L.		
6	Guide	93-91	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L.		
6	Guide	93-91	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.		
6	Guide	93-91	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L.		
6	Guide, Bulk	93-91	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.		
6	Guide, Bulk	93-91	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.		
6	Guide, Bulk	93-91	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	93-91	VS-677	Std Only	Incl. damper; 2.03" Free Height		
12	Spring, Bulk	93-91	VS-677B	Std Only	Incl. damper; Carton of 250; 2.03" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	93-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber		
12	Valve Stem Seal	93-91	MV-1921	Std Only	Umbrella type; (NYL) Nylon		
12	Valve Stem Seal Bulk	93-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

61 (cont.)	1993 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				61 (cont.)
VALVETRAIN					
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal Bulk	93-91	MV-1921B	Std Only	Umbrella type; Carton of 100; (NYL) Nylon
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	93-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
6	Seat	93-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
6	Seat	93-91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
24	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
24	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
6	Rotocap	93-91	RC-157S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	91	645P 20	20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Flat Head w/4 valve reliefs, 0.9275" Pin Dia.
6	Cast Piston	91	H645ACP 20	20-30-40	Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	91	H645NCP	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Flat Head w/4 valve reliefs; Use in sets only; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
6	Cast Piston	91	H824CP 20	20-40-60	Optional low comp.; Use w/E-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
6	Cast Piston - Individual	91	WH645NCP	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Flat Head w/4 valve reliefs; Use in sets only; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-92	E-628K	Std-20-30-40	.155" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	91	E-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Premium Set	91	E-459K	Std-20-30-40-60	.190" deep oil ring groove; Use w/H728P piston; 2-5/64, 1-3/16; Premium Moly
1	Standard Set	91	E-459X	Std-20-30-40-60	.190" deep oil ring groove; Use w/H728P piston; 2-5/64, 1-3/16; Iron
6	Premium Single Cylinder Set	93-92	WE-628K	Std Only	.155" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
6	Premium Single Cylinder Set	91	WE-229K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
6	Premium Single Cylinder Set	91	WE-459K	Std-20-30-40-60	.190" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	5085M	Std-1-10-20-30-40	w/std. length flange brg.
1	Main Set	93-91	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings
1	Main Set	93-91	6687M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	93-91	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD
1	Rod Set	93-91	6-1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
1	Rod Set	93-91	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	93-91	6-1020CP	Std-.026-.25-.50-.75-1.00 MM	
1	Rod Set	93-91	6-7085CH	Std-1-10	Race Performance
6	Rod Pair	93-91	1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
6	Rod Pair	93-91	1020CP	Std-.026-.25-.50-.75-1.00 MM	
1	Cam Set	93-91	1463M	Std-1	Exc. Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	93-91	1791M	Std Only	Exc. Eng. w/"T" before the I.D. No. located on front of block; O.E. split type design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	93-91	224-4146A		High Pressure; 5/8" inlet
1	Oil Pump	93-91	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	93-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Oil Pump	93-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide
1	Oil Pump	93-91	224-4146		5/8" inlet
1	Inter. Shaft	93-91	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	93-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Oil Pump Shaft Guide	93-91	224-43343		Nylon

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

61 (cont.)		1993 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				61 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Screen Assy.	93	224-14258	3/4" inlet tube			
1	Screen Assy.	93-91	224-1246	5/8" inlet tube			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	93	260-1726	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	92	260-1240	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	91	260-1241	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	93-91	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	93-91	381-8058				
1	Brass Deep Cup Freeze Plug	93-91	381-9001	1.625" Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3178	16.5mm Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3193	12mm Diameter			
1	Steel Shallow Cup Freeze Plug	93-91	381-2150	2.094" Diameter			
KITS							
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.		
YEARS	DESCRIPTION						
93-93	Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6428	----	
92-92	Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6403	----	
93-93	Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6428M	----	
92-92	Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6403M	----	
91-91	w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6021	205-1021	
91-91	w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6021M	205-1021M	
OVERHAUL KIT				PREMIUM KIT NO.	STANDARD KIT NO.		
YEARS	DESCRIPTION						
91-91	w/.190" deep oil ring groove; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/o Balance shaft; Incl. hardened cam sprocket; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series alum. bearings; Oil pump not incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability			Master	MKP-6380N	----	
92-92	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/o Balance shaft; Incl. hardened cam sprocket; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. High Pressure 5/8" inlet oil pump			Master w/o Pistons	MK-6403	----	
91-91	Exc. Eng. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability			Block Kit w/Premium Rings	BK-6067N	----	
91-91	Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability			Block Kit w/Oil Pump & Freeze Plugs	BKP-6067N	----	
91-91	w/.190" deep oil ring groove; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/o Balance shaft; Incl. hardened cam sprocket; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			Master w/o Pistons	MK-6021A	MK-1021A	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

62		1996 - 1994; 4.3L 265 OHV V8 (16 Valve), 3.736" Bore LT-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W				62
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	96	KT3-499SA7		Incl. Cam, Crank, Chain	
1	3 Piece Set	95-94	KT3-499SA7		Incl. Cam, Crank, Chain	
1	Timing Chain	96-94	222-499		Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	96-94	223-797		18 Teeth	
1	Cam Sprocket	96-94	223-814		36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	96-94	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
12	Lifter, Bulk	96-94	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	96-94	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
8	Exhaust, Bulk	96-94	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
8	Intake	96-94	V-4569	Std Only	Chrome plated stem; 1.84" Head Dia., 0.3412" Stem Dia., 4.881" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	96-94	MV-1233C	Std Only	Loc. Exh.; O-Ring; (RBB) Rubber	
8	Valve Stem Seal Bulk	96-94	MV-1233	Std Only	Loc. Exh.; O-Ring; Carton of 100; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	96-94	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
16	Keeper	96-94	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
16	Keeper	96-94	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
16	Keeper, Bulk	96-94	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	96	817P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .055 deep x 3.160 dia. w/4 valve reliefs, 0.9275" Pin Dia.	
8	Cast Piston	95-94	H690CP	Std-20-30-40	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9278" Pin Dia.	
8	Cast Piston - Individual	96	W817P	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .055 deep x 3.160 dia. w/4 valve reliefs, 0.9275" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-94	E-634K	Std-20-30-40	2-5/64, 1-3/16; Premium Moly	
8	Premium Single Cylinder Set	96-94	WE-634K	Std Only	2-5/64, 1-3/16; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-94	4663M	Std-1-2-10-20-30-40-60		
1	Main Set	96-94	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings	
1	Rod Set	96-94	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings	
1	Rod Set	96-94	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	96-94	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy	
1	Rod Set	96-94	8-2555CA 60	60	Unplated & resizeable	
8	Rod Pair	96-94	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings	
8	Rod Pair	96-94	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy	
8	Rod Pair	96-94	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
8	Rod Pair	96-94	2555CA 60	60	Unplated & resizeable	
1	Cam Set	96-94	1235M	Std-1-10	Babbitt material; Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	96-94	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Oil Pump	96-94	224-4146		5/8" inlet	
1	Oil Pump	96-94	224-43469		3/4" inlet; w/nylon shaft guide	
1	Oil Pump	96-94	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Inter. Shaft	96-94	224-6146		Use w/nylon shaft guide	
1	Inter. Shaft	96-94	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	96-94	224-43343		Nylon	
1	Screen Assy.	96-94	224-1246		5/8" inlet tube	
1	Screen Assy.	96-94	224-14258		3/4" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96-94	260-1930		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	96-94	260-2500	Std Only	Replacement recommended	
63		1992 - 1991; 4.5L 273 (4474cc) OHV V8 (16 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code 8				63
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	92-91	KT3-503SA		(1) 222-503; (1) 223-533; (1) 223-706	
1	Timing Chain	92-91	222-503		44 Links	
1	Crank Sprocket	92-91	223-533		17 Teeth	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

63 1992 - 1991; 4.5L 273 (4474cc) OHV V8 (16 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code 8 **63**
(cont.) (cont.)

VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cam Sprocket	92-91	223-706		34 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	92-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	92-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	92-91	R-913	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	92-91	V-2522	Std Only	Chrome plated stem; 1.496" Head Dia., 0.3405" Stem Dia., 4.713" O.A.L.	
8	Intake	92-91	V-2521	Std Only	Chrome plated stem; 1.772" Head Dia., 0.3417" Stem Dia., 4.8" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	92-91	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L	
16	Guide	92-91	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L	
16	Guide, Bulk	92-91	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L	
16	Guide, Bulk	92-91	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	92-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	92-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92-91	E-534K .25MM	.25MM	2-1.50MM, 1-3.00MM; Premium Moly	
1	Standard Set	92-91	E-534X	Std Only	2-1.50MM, 1-3.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	92-91	7222M .25MM	.25MM	Use in .25MM O/S Housing Bore	
1	Main Set	92-91	7256MA	Std-.25-.50MM	A-Series aluminum bearings; w/std. length flange brg.	
1	Rod Set	92-91	8-3870RA	Std-.25-.50-.75MM	A-Series aluminum bearings	
8	Rod Pair	92-91	3870RA	Std-.026-.25-.50MM	A-Series aluminum bearings	
1	Cam Set	92-91	1757M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	92-91	224-43565			
1	Screen Assy.	92-91	224-15069			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1475		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
92-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6356	205-1356
92-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; w/std. length flange brg.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6356M	205-1356M

64 2010 - 1993; 4.6L 281 (4565cc) DOHC V8 (32 Valve), 93mm Bore Northstar; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code Y **64**

VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	05	222-1019		2 Req'd; 126 Links	
1	Timing Chain	05	222-1020		62 Links	
2	Timing Chain	04-93	222-1019		Loc. Upper; 126 Links	
1	Timing Chain	04-93	222-1020		Loc. Lower; 62 Links	
1	Timing Chain Tensioner	10-06	222-313CT			
1	Timing Chain Tensioner	05	222-313CT		Loc. Upper; 2 Req'd	
1	Timing Chain Tensioner	04-93	222-313CT		Loc. Upper	
1	Timing Chain Tensioner	03-93	222-314CT		Loc. Lower	
1	Chain Damper	10-05	222-311GP		Tensioner shoe	
1	Chain Damper	04-93	222-311GP		Loc. L.H.; Tensioner shoe	
1	Timing Chain Guide	05	222-309GP		Loc. L.H. Lower	
1	Timing Chain Guide	04-93	222-309GP		Loc. Lower	
2	Timing Chain Guide	99-93	222-310GP		Loc. Upper	
1	Crank Sprocket	99-93	223-795		30 Teeth	
1	Cam Sprocket	02-93	223-768		Loc. Int. R.H.; 40 teeth; 40 Teeth	
2	Cam Sprocket	02-93	223-780		Loc. Int. & Exh. L.H.; 40 teeth; 40 Teeth	
1	Cam Sprocket	99-93	223-770		Loc. Exh. R.H.; 40 Teeth	
1	Idler Sprocket Bushing	10-93	ISB2			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

64 (cont.)	2010 - 1993; 4.6L 281 (4565cc) DOHC V8 (32 Valve), 93mm Bore Northstar; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code Y				64 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
24	Lifter	08-06	HT-2307	Std Only	
32	Lifter	05-04	HT-2307	Std Only	
32	Lifter	99-93	HT-2273	Std Only	Hyd. bucket type lifter; 33mm Dia.
32	Lifter, Bulk	99-93	HT-2273B	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
16	Exhaust	03-00	V-4638	Std Only	1.103" Head Dia., 0.2335" Stem Dia., 3.678" O.A.L.
16	Exhaust	99-93	V-4477	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2335" Stem Dia., 3.564" O.A.L.
16	Intake	03-00	V-4643	Std Only	Chrome plated stem; 1.426" Head Dia., 0.2335" Stem Dia., 4.408" O.A.L.
16	Intake	99-93	V-4478	Std Only	Chrome plated stem; 1.308" Head Dia., 0.2335" Stem Dia., 4.169" O.A.L.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	04-00	H1111CP	Std.-25.-50.-75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.50mm Groove, 1.077 CD, Domed Head .100 high; DUROSHIELD® skirt coated piston, 21.006mm Pin Dia.
8	Cast Piston	99-96	H873CP	Std.-25.-50.-75MM	Use w/E-968K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.
8	Cast Piston	95-93	H873CP	Std.-25.-50.-75MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.
8	Pin Bushing	99-93	1544Y		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	04-00	E-974K	Std.-25.-50MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly
1	Premium Set	99-96	E-936K	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	96	E-638KC	Std Only	Use w/H873CP piston; 2-1.50MM, 1-3.00MM; Premium Chrome,; Superseded - When depleted use E-968K
1	Premium Set	96	E-943K	Std.-25.-50MM	Use w/H873CP piston; 2-1.50MM, 1-3.00MM; When depleted use E-968K; Premium Moly
1	Premium Set	96	E-968K	Std.-25.-50.-75-1.00MM	Use w/H873CP piston; 2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	95-93	E-638KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome,; Superseded - When depleted use E-968K
1	Premium Set	95-93	E-943K	Std.-25.-50MM	2-1.50MM, 1-3.00MM; When depleted use E-968K; Premium Moly
1	Premium Set	95-93	E-968K	Std.-25.-50.-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	03-93	7319MA	Std.-25.-50.-75MM	A-Series aluminum bearings
1	Main Set	03-93	7428MA 50X25	50X25	A-Series aluminum bearings; w/.25MM O/S OD
1	Rod Set	05-93	8-4825A	Std.-25.-50.-75MM	A-Series aluminum bearings
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	06-93	224-43571		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
2	Head Bolt Set	99-93	260-2551	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
65 2010 - 1993; 4.6L 281 (4565cc) DOHC V8 (32 Valve), 93mm Bore Northstar H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code 9 65					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain	05	222-1019		2 Req'd; 126 Links
1	Timing Chain	05	222-1020		62 Links
2	Timing Chain	04-93	222-1019		Loc. Upper; 126 Links
1	Timing Chain	04-93	222-1020		Loc. Lower; 62 Links
1	Timing Chain Tensioner	10-06	222-313CT		
1	Timing Chain Tensioner	05	222-313CT		Loc. Upper; 2 Req'd
1	Timing Chain Tensioner	04-93	222-313CT		Loc. Upper
1	Timing Chain Tensioner	03-93	222-314CT		Loc. Lower
1	Chain Damper	10-05	222-311GP		Tensioner shoe
1	Chain Damper	04-93	222-311GP		Loc. L.H.; Tensioner shoe
1	Timing Chain Guide	05	222-309GP		Loc. L.H. Lower
1	Timing Chain Guide	04-93	222-309GP		Loc. Lower
2	Timing Chain Guide	99-93	222-310GP		Loc. Upper
1	Crank Sprocket	99-93	223-795		30 Teeth
1	Cam Sprocket	02-93	223-768		Loc. Int. R.H.; 40 teeth; 40 Teeth
2	Cam Sprocket	02-93	223-780		Loc. Int. & Exh. L.H.; 40 teeth; 40 Teeth
1	Cam Sprocket	99-93	223-770		Loc. Exh. R.H.; 40 Teeth
1	Idler Sprocket Bushing	10-93	ISB2		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	10-08	HT-2307	Std Only	
32	Lifter	05-04	HT-2307	Std Only	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

65 (cont.)		2010 - 1993; 4.6L 281 (4565cc) DOHC V8 (32 Valve), 93mm Bore Northstar H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code 9				65 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
32	Lifter	99-93	HT-2273	Std Only	Hyd. bucket type lifter; 33mm Dia.		
32	Lifter, Bulk	99-93	HT-2273B	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
16	Exhaust	03-00	V-4638	Std Only	1.103" Head Dia., 0.2335" Stem Dia., 3.678" O.A.L.		
16	Exhaust	99-93	V-4477	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2335" Stem Dia., 3.564" O.A.L.		
16	Intake	03-00	V-4643	Std Only	Chrome plated stem; 1.426" Head Dia., 0.2335" Stem Dia., 4.408" O.A.L.		
16	Intake	99-93	V-4478	Std Only	Chrome plated stem; 1.308" Head Dia., 0.2335" Stem Dia., 4.169" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	04-00	H1111CP	Std.-25.-50.-75MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.50mm Groove, 1.077 CD, Domed Head .100 high; DUROSHIELD® skirt coated piston, 21.006mm Pin Dia.		
8	Cast Piston	99-96	H873CP	Std.-25.-50.-75MM	Use w/E-968K ring set; Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.		
8	Cast Piston	95-93	H873CP	Std.-25.-50.-75MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8663" Pin Dia.		
8	Pin Bushing	99-93	1544Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	04-00	E-974K	Std.-25.-50MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly		
1	Premium Set	99-96	E-936K	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	96	E-638KC	Std Only	Use w/H873CP piston; 2-1.50MM, 1-3.00MM; Premium Chrome,; Superseded - When depleted use E-968K		
1	Premium Set	96	E-943K	Std.-25.-50MM	Use w/H873CP piston; 2-1.50MM, 1-3.00MM; When depleted use E-968K; Premium Moly		
1	Premium Set	96	E-968K	Std.-25.-50.-75.-1.00MM	Use w/H873CP piston; 2-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	95-93	E-638KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome,; Superseded - When depleted use E-968K		
1	Premium Set	95-93	E-943K	Std.-25.-50MM	2-1.50MM, 1-3.00MM; When depleted use E-968K; Premium Moly		
1	Premium Set	95-93	E-968K	Std.-25.-50.-75.-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	05-93	7319MA	Std.-25.-50.-75MM	A-Series aluminum bearings		
1	Main Set	03-93	7428MA 50X25	50X25	A-Series aluminum bearings; w/.25MM O/S OD		
1	Rod Set	05-93	8-4825A	Std.-25.-50.-75MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	06-93	224-43571				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
2	Head Bolt Set	99-93	260-2551	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
66		2010 - 2004; 4.6L 281 (4565cc) DOHC V8 (32 Valve), 93mm Bore Northstar H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code A				66	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
2	Timing Chain	04	222-1019		Loc. Upper; 126 Links		
1	Timing Chain	04	222-1020		Loc. Lower; 62 Links		
1	Timing Chain Tensioner	10-04	222-313CT		Loc. Upper		
1	Chain Damper	10-04	222-311GP		Loc. L.H.; Tensioner shoe		
1	Timing Chain Guide	04	222-309GP		Loc. Lower		
1	Idler Sprocket Bushing	10-04	ISB2				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
32	Lifter	06-04	HT-2307	Std Only			
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	05-04	8-4825A	Std.-25.-50.-75MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	06-04	224-43571				
67		1995 - 1991; 4.9L 298 (4884cc) OHV V8 (16 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code B				67	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	95-91	KT3-503SA		(1) 222-503; (1) 223-533; (1) 223-706		
1	Timing Chain	95-91	222-503		44 Links		
1	Crank Sprocket	95-91	223-533		17 Teeth		
1	Cam Sprocket	95-91	223-706		34 Teeth		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

67 (cont.)	1995 - 1991; 4.9L 298 (4884cc) OHV V8 (16 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code B					67 (cont.)
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	95-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	95-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	95-91	R-913	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	95-91	V-2522	Std Only	Chrome plated stem; 1.496" Head Dia., 0.3405" Stem Dia., 4.713" O.A.L.	
8	Intake	95-91	V-2521	Std Only	Chrome plated stem; 1.772" Head Dia., 0.3417" Stem Dia., 4.8" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	95-91	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L	
16	Guide	95-91	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L	
16	Guide, Bulk	95-91	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L	
16	Guide, Bulk	95-91	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	95-91	VS-1552	Std Only	Exc. Export; 1.949" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	95-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	95-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	95-91	573P	Std-.25MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Recessed Head .020 deep x 2.940 dia., 0.8661" Pin Dia.	
8	Cast Piston - Individual	95-91	W573P	Std-.25MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Recessed Head .020 deep x 2.940 dia., 0.8661" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-91	E-534K .25MM	.25MM	2-1.50MM, 1-3.00MM; Premium Moly	
1	Standard Set	95-91	E-534X	Std Only	2-1.50MM, 1-3.00MM; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7222M .25MM	.25MM	Use in .25MM O/S Housing Bore	
1	Main Set	95-91	7256MA	Std-.25-.50MM	A-Series aluminum bearings; w/std. length flange brg.	
1	Rod Set	95-91	8-3870RA	Std-.25-.50-.75MM	A-Series aluminum bearings	
8	Rod Pair	95-91	3870RA	Std-.026-.25-.50MM	A-Series aluminum bearings	
1	Cam Set	95-91	1757M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	95-91	224-43565			
1	Screen Assy.	95-91	224-15069			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95-91	260-1475		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-91	381-8035			
1	Steel Block Plug Kit	93-91	381-4023			
1	Brass Deep Cup Freeze Plug	93-91	381-9007		1.125" Diameter	
1	Steel Deep Cup Freeze Plug	93-91	381-3025		1.125" Diameter	
1	Steel Shallow Cup Freeze Plug	93-91	381-2172		1.922" Diameter	
1	Steel Shallow Cup Freeze Plug	93-91	381-2189		15mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6356
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; w/std. length flange brg.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6356M
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; w/std. length flange brg.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Block Kit w/Premium Rings	BK-6071
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; w/std. length flange brg.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Block Kit w/Oil Pump & Freeze Plugs	BKP-6071

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

68		1993 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E			68
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	93-91	KT3-499SA3	Incl. hardened cam sprocket; (1) 222-499; (1) 223-391; (1) 223-732T	
1	3 Piece Set	93-91	KT3-499SA5	Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797	
1	Timing Set w/Gaskets	93-91	CTS-1006	Incl. hardened cam sprocket; Oil pan gskt. not incl.	
1	Timing Chain	93-91	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	93-91	223-797	18 Teeth	
1	Crank Sprocket	92	223-505	Steel; .405" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	92-91	223-391	Powdered metal; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	93-91	223-732T	Hardened; .405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	93-91	CS-793	Hydraulic, (050) Duration at .050 Lobe Lift, 195 Exh., 179 Int., 109 Degrees Lobe Separation	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
16	Lifter	93-91	HT-2148	Std Only Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	93-91	HT-2148B	Std Only Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	93-91	KC-793	Hyd. rlr.; (1) 55-403B; (1) CS-793; (16) HT-2148	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	93-91	RP-3262	Std Only 7.192" O.A.L.	
16	Push Rod, Bulk	93-91	BRP-3262	Std Only Carton of 100; 7.192" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	93-91	R-973	Std Only Incl. arm, ball & nut	
16	Arm Assy., Bulk	93-91	R-973B	Std Only Incl. arm, ball & nut; Carton of 64	
16	Arm	93-91	R-973A	Std Only	
16	Rocker Arm Ball	93-91	MR-1783	Std Only	
16	Nut	93-91	MR-1751	Std Only Self-locking, 3/8" x 24 threads	
16	Stud	93-91	MR-1752	Std Only .003" O/S, 3/8" x 24 x 2.495"	
16	Stud	93-91	MR-1949	Std Only .372" x 24 x 2.495"	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	93-91	V-1904	Std-3-15-30 Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.	
8	Exhaust, Bulk	93-91	V-1904B	Std-15 Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.	
8	Intake	93-91	V-2143	Std-3-5-15 Chrome plated stem; 1.839" Head Dia., 0.341" Stem Dia., 4.912" O.A.L.	
8	Intake, Bulk	93-91	V-2143B	Std Only Chrome plated stem; Carton of 25; 1.84" Head Dia., 0.3413" Stem Dia., 4.912" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	93-91	VG-5005	Std Only Loc. Exh.; 0.343" ID, 2.25" O.A.L.	
8	Guide	93-91	VG-5005H	Std Only Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L.	
8	Guide	93-91	VG-5005T	Std Only Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.	
8	Guide	93-91	VG-5038	Std Only Loc. Int.; 0.343" ID, 2.12" O.A.L.	
16	Guide	93-91	VG-5131T	Std Only Loc. Int. & Exh.; Universal; 0.438" ID, 3.25" O.A.L.	
8	Guide, Bulk	93-91	VG-5005B	Std Only Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.	
8	Guide, Bulk	93-91	VG-5005TB	Std Only Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.	
8	Guide, Bulk	93-91	VG-5038B	Std Only Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	93-91	VS-677	Std Only Loc. Int. & Exh.; Incl. damper; 2.03" Free Height	
16	Spring	93-91	VS-739R	Std Only Loc. Int. & Exh.; Optional-H/D; 2" Free Height	
16	Spring, Bulk	93-91	VS-677B	Std Only Loc. Int. & Exh.; Incl. damper; Carton of 250; 2.03" Free Height	
16	Spring, Bulk	93-91	VS-739RB	Std Only Loc. Int. & Exh.; Optional-H/D; Carton of 300; 2" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	93-91	MV-1903	Std Only Use w/VG-5038 repair guide; Positive type; (RBB) Rubber	
16	Valve Stem Seal	93-91	ST-2003	Std Only Positive type; Installation requires valve guide machining; (RBB) Rubber	
16	Valve Stem Seal	93-91	ST-2092	Std Only Positive type, Metal Clad; (RBB) Rubber	
1	Valve Stem Seal	93-91	MV-1233C	Std Only O-Ring; (RBB) Rubber	
16	Valve Stem Seal	93-91	MV-1598C	Std Only Umbrella type; (RBB) Rubber	
8	Valve Stem Seal	93-91	MV-1888C	Std Only Loc. Int.; O.E. design; Positive type; (VTN) Viton®	
1	Valve Stem Seal Bulk	93-91	MV-1233	Std Only O-Ring; Carton of 100; (RBB) Rubber	
16	Valve Stem Seal Bulk	93-91	MV-1598	Std Only Umbrella type; Carton of 100; (RBB) Rubber	
8	Valve Stem Seal Bulk	93-91	MV-1888	Std Only Loc. Int.; O.E. design; Positive type; Carton of 50; (VTN) Viton®	
16	Valve Stem Seal Bulk	93-91	ST-2003BC	Std Only Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	93-91	245-1562-1	Std Only Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	93-91	245-1562-1N	Std Only Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
8	Seat	93-91	245-1937-1	Std Only Loc. Int.; 1.9425" OD, 1.6875" ID, 0.248" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

68 (cont.)	1993 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				68 (cont.)
VALVETRAIN					
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION
32	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	93-91	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	93-91	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	93-91	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	93-91	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	93-91	259-203C	Std Only	.015"; Carton of 100
8	Rotocap	93-91	RC-157S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	92-91	536NCP 20	20-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
8	Cast Piston	92-91	536NP	Std-20-30-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
8	Cast Piston - Individual	92-91	W536NP	Std-20-30-40-60	Cast; Use w/WE-356K or WE-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
1	Cast Piston Set w/Econ. Rings	92-91	8X536NP 20	20-30-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
8	Pin	93-91	P-2208	Std-3-5-0015	0.62" Inside Dia., 0.9272" Outside Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93	E-634K	Std-20-30-40	.170" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	93-91	E-356K	Std-10-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	93-91	E-356KC	Std-10-20-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Chrome
1	Standard Set	93-91	E-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	93	WE-634K	Std Only	.170" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	93-91	WE-356K	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly
8	Standard Single Cylinder Set	93-91	WE-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	139M	Std-1-1X-9-10-11-19-20-21-30	Race Performance; 3/4 grooved
1	Main Set	93-91	4663M	Std-1-2-10-20-30-40-60	
1	Main Set	93-91	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings
1	Main Set	93-91	6688M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	93-91	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD
1	Main Set	93-91	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.
1	Main Set	93-91	C139M	Std-1-1X-10-20-30	Race Performance; 3/4 grooved; DUROSHIELD® coated bearings
1	Rod Set	93-91	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	93-91	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	93-91	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	93-91	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy
1	Rod Set	93-91	8-7095CH	Std-1-10-20-30	Race Performance
1	Rod Set	93-91	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side
1	Rod Set	93-91	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side
1	Rod Set	93-91	8-2555CA 60	60	Unplated & resizeable
8	Rod Pair	93-91	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	93-91	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	93-91	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
8	Rod Pair	93-91	7100CH	Std-1-1X-10-20-30	Race Performance; Chamfered on one side
8	Rod Pair	93-91	2555CA 60	60	Unplated & resizeable
1	Cam Set	93-91	1235M	Std-1-10	Babbitt material; Full round design
1	Cam Set	93-91	1749M	Std Only	Bi-Metal Aluminum
1	Cam Set	93-91	2100M	Std Only	Race Performance
1	Cam Set	91	1750M	Std Only	2.030" housing bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	93	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	93-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide
1	Oil Pump	93-91	224-4146		5/8" inlet
1	Oil Pump	93-91	224-4146A		High Pressure; 5/8" inlet
1	Oil Pump	93-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Inter. Shaft	93-91	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	93-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Oil Pump Shaft Guide	93-91	224-43343		Nylon
1	Screen Assy.	93	224-14258		3/4" inlet tube

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

68 (cont.)		1993 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				68 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Screen Assy.	93-91	224-1246	5/8" inlet tube			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	93-91	260-1246	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	93-91	260-2500	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	93-91	381-8059				
1	Steel Block Plug Kit	93-91	381-4011				
1	Brass Deep Cup Freeze Plug	93-91	381-9001	1.625" Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3095	0.500" Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3193	12mm Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
93-93	w/.170" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6357	----		
93-93	w/.170" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6357M	----		
93-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6026	205-1026		
93-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6026M	205-1026M		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
93-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			MK-6026C	----		
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 536NP piston			BK-6072	----		
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. 536NP piston			BKP-6072	----		
92-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			MKP-6026C	MKP-1026C		
93-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			----	MK-1026G		
92-91	w/.200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			505-6026C	505-1026C		
69		1992 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code F				69	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	92-91	KT3-499SA3	Incl. hardened cam sprocket; (1) 222-499; (1) 223-391; (1) 223-732T			
1	3 Piece Set	92-91	KT3-499SA5	Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797			
1	Timing Set w/Gaskets	92-91	CTS-1006	Incl. hardened cam sprocket; Oil pan gskt. not incl.			
1	Timing Chain	92-91	222-499	Use w/.405" tooth width sprocket; 46 Links			
1	Crank Sprocket	92	223-505	Steel; .405" tooth width sprocket; 18 Teeth			
1	Crank Sprocket	92-91	223-391	Powdered metal; .405" tooth width sprocket; 18 Teeth			
1	Crank Sprocket	92-91	223-797	18 Teeth			
1	Cam Sprocket	92-91	223-732T	Hardened; .405" tooth width sprocket; 36 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	92-91	CS-808	Hydraulic, (050) Duration at .050 Lobe Lift, 214 Exh., 207 Int., 117 Degrees Lobe Separation			
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	92-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	92-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION			
1	Cam/Lifter Kit	92-91	KC-808	Hyd. rlr.; (1) 55-403B; (1) CS-808; (16) HT-2148			
1	Cam/Lifter/Timing Kit	92-91	KCT-808	Hyd. rlr.; Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 55-403B; (1) CS-808; (16) HT-2148; (1) KT3-499SA5			
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

69 (cont.)	1992 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code F				69 (cont.)
VALVETRAIN					
QTY	PUSH ROD (cont.)	YEARS	PART NO.		DESCRIPTION
16	Push Rod	92-91	RP-3262	Std Only	7.192" O.A.L.
16	Push Rod, Bulk	92-91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm Assy.	92-91	R-973	Std Only	Incl. arm, ball & nut
16	Arm Assy., Bulk	92-91	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64
16	Arm	92-91	R-973A	Std Only	
16	Rocker Arm Ball	92-91	MR-1783	Std Only	
16	Nut	92-91	MR-1751	Std Only	Self-locking, 3/8" x 24 threads
16	Stud	92-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
16	Stud	92-91	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	92-91	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
8	Exhaust, Bulk	92-91	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
8	Intake	92-91	V-2143	Std-3-5-15	Chrome plated stem; 1.839" Head Dia., 0.341" Stem Dia., 4.912" O.A.L.
8	Intake, Bulk	92-91	V-2143B	Std Only	Chrome plated stem; Carton of 25; 1.84" Head Dia., 0.3413" Stem Dia., 4.912" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	92-91	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L
8	Guide	92-91	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L
8	Guide	92-91	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L
8	Guide	92-91	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L
16	Guide	92-91	VG-5131T	Std Only	Loc. Int. & Exh.; Universal; 0.438" ID, 3.25" O.A.L
8	Guide, Bulk	92-91	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L
8	Guide, Bulk	92-91	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
8	Guide, Bulk	92-91	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	92-91	VS-677	Std Only	Loc. Int. & Exh.; Incl. damper; 2.03" Free Height
16	Spring	92-91	VS-739R	Std Only	Loc. Int. & Exh.; Optional-H/D; 2" Free Height
16	Spring, Bulk	92-91	VS-677B	Std Only	Loc. Int. & Exh.; Incl. damper; Carton of 250; 2.03" Free Height
16	Spring, Bulk	92-91	VS-739RB	Std Only	Loc. Int. & Exh.; Optional-H/D; Carton of 300; 2" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	92-91	MV-1903	Std Only	Use w/VG-5038 repair guide; Positive type; (RBB) Rubber
16	Valve Stem Seal	92-91	ST-2003	Std Only	Positive type; Installation requires valve guide machining; (RBB) Rubber
16	Valve Stem Seal	92-91	ST-2092	Std Only	Positive type, Metal Clad; (RBB) Rubber
1	Valve Stem Seal	92-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber
16	Valve Stem Seal	92-91	MV-1598C	Std Only	Umbrella type; (RBB) Rubber
8	Valve Stem Seal	92-91	MV-1888C	Std Only	Loc. Int.; O.E. design; Positive type; (VTN) Viton®
1	Valve Stem Seal Bulk	92-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber
16	Valve Stem Seal Bulk	92-91	MV-1598	Std Only	Umbrella type; Carton of 100; (RBB) Rubber
8	Valve Stem Seal Bulk	92-91	MV-1888	Std Only	Loc. Int.; O.E. design; Positive type; Carton of 50; (VTN) Viton®
16	Valve Stem Seal Bulk	92-91	ST-2003BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	92-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	92-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	92-91	245-1937-1	Std Only	Loc. Int.; 1.9425" OD, 1.6875" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	92-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	92-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	92-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	92-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	92-91	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	92-91	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	92-91	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	92-91	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	92-91	259-203C	Std Only	.015"; Carton of 100
8	Rotocap	92-91	RC-157S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	92-91	536NCP 20	20-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
8	Cast Piston	92-91	536NP	Std-20-30-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
8	Cast Piston - Individual	92-91	W536NP	Std-20-30-40-60	Cast; Use w/WE-356K or WE-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

69 (cont.)		1992 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code F				69 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Econ. Rings	92-91	8X536NP 20	20-30-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.		
8	Pin	92-91	P-2208	Std-3-5-0015	0.62" Inside Dia., 0.9272" Outside Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-356K	Std-10-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly		
1	Premium Set	92-91	E-356KC	Std-10-20-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Chrome		
1	Standard Set	92-91	E-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	92-91	WE-356K	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly		
8	Standard Single Cylinder Set	92-91	WE-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	139M	Std-1-1X-9-10-11-19-20-21-30	Race Performance; 3/4 grooved		
1	Main Set	92-91	4663M	Std-1-2-10-20-30-40-60			
1	Main Set	92-91	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings		
1	Main Set	92-91	6688M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	92-91	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD		
1	Main Set	92-91	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.		
1	Main Set	92-91	C139M	Std-1-1X-10-20-30	Race Performance; 3/4 grooved; DUROSHIELD® coated bearings		
1	Rod Set	92-91	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	92-91	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	92-91	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	92-91	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
1	Rod Set	92-91	8-7095CH	Std-1-10-20-30	Race Performance		
1	Rod Set	92-91	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side		
1	Rod Set	92-91	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side		
1	Rod Set	92-91	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	92-91	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	92-91	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	92-91	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	92-91	7100CH	Std-1-1X-10-20-30	Race Performance; Chamfered on one side		
8	Rod Pair	92-91	2555CA 60	60	Unplated & resizeable		
1	Cam Set	92-91	1235M	Std-1-10	Babbitt material; Full round design		
1	Cam Set	92-91	1749M	Std Only	Bi-Metal Aluminum		
1	Cam Set	92-91	2100M	Std Only	Race Performance		
1	Cam Set	91	1750M	Std Only	2.030" housing bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide		
1	Oil Pump	92-91	224-4146		5/8" inlet		
1	Oil Pump	92-91	224-4146A		High Pressure; 5/8" inlet		
1	Oil Pump	92-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide		
1	Inter. Shaft	92-91	224-6146		Use w/nylon shaft guide		
1	Inter. Shaft	92-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide		
1	Oil Pump Shaft Guide	92-91	224-43343		Nylon		
1	Screen Assy.	92-91	224-1246		5/8" inlet tube		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1247		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	92-91	260-2500	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8059				
1	Steel Block Plug Kit	92-91	381-4011				
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter		
1	Steel Deep Cup Freeze Plug	92-91	381-3095		0.500" Diameter		
1	Steel Deep Cup Freeze Plug	92-91	381-3193		12mm Diameter		
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
92-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6027	205-1027		
92-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6027M	205-1027M		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

69 (cont.)	1992 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code F				69 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6078	----
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump		Block Kit w/Oil Pump & Freeze Plugs	BKP-6078	----
92-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump		Master	MKP-6027C	MKP-1027C
92-91	w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump		Master w/o Pistons	MK-6027C	MK-1027C
92-91	w/.200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump		Master w/o Rods & Mains	505-6027C	505-1027C
70					
2009 - 2005; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec LS-4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code C					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	08-06	KT3-4205SA	Incl. Cam, Crank, Chain	
1	3 Piece Set	08-05	KT3-4205S	Incl. Cam, Crank, Chain	
1	Crank Sprocket	09-05	223-827	22 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	09-08	HT-2148	Std Only	Exc. Displacement On Demand; Hyd. rlr.; 2.600" O.A.L.
16	Lifter	09-07	HT-2303	Std Only	3.785" O.A.L.; Displacement On Demand
16	Lifter	09-05	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter	07	HT-2148	Std Only	Exc. Displacement On Demand; Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	09-08	HT-2148B	Std Only	Exc. Displacement On Demand; Hyd. rlr.; Carton of 128
16	Lifter, Bulk	09-05	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
16	Lifter, Bulk	07	HT-2148B	Std Only	Exc. Displacement On Demand; Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	09-05	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	09-05	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	09-05	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	09-05	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	09-05	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	09-05	H1132CPA	Std.-25-.50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability
8	Cast Piston	09-05	H1132CT	Std.-25-.50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	09-05	E-937K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	09-05	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	08-05	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Rod Set	09-05	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	09-05	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore
1	Rod Set	09-05	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
8	Rod Pair	09-05	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	09-05	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	09-05	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability
1	Cam Set	07-05	1898M	Std Only	
71					
2004 - 1997; 5.7L 346 (5665cc) OHV V8 (16 Valve), 99mm Bore LS-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code G					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	04-97	KT3-4194S	(1) 222-4194; (1) 223-826; (1) 223-827	
1	Timing Chain	04-97	222-4194	60 Links	
1	Crank Sprocket	04-97	223-827	22 Teeth	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

71 (cont.)		2004 - 1997; 5.7L 346 (5665cc) OHV V8 (16 Valve), 99mm Bore LS-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code G				71 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Cam Sprocket	04-97	223-826		44 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	04-97	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	04-97	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	04-99	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	04-99	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Exhaust	98-97	V-4645	Std Only	Chrome plated stem; Wafer tip; 1.55" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	04-97	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	04-97	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	04-97	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	04-97	VK-291	Std Only	Loc. Int. & Exh.; 1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	04-97	H868CP	Std-25-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.328 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.945" Pin Dia.		
8	Cast Piston - Individual	04-97	WH868CP	Std-25-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.328 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.945" Pin Dia.		
8	Power Forged	04-97	L-2621F	Std-.25MM	Powerforged; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.338 CD, Flat Head w/2 valve reliefs. DUROSHIELD® skirt coated piston., 0.945" Pin Dia.		
8	Pin Bushing	04-97	4514Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-97	E-938K	Std-25-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-97	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Main Set	03-97	152M	Std-1-1X-10	Race Performance		
1	Rod Set	04-97	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	04-97	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	04-97	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	03-97	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side		
1	Rod Set	03-97	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side		
1	Rod Set	03-97	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	04-97	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	04-97	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	04-97	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	03-97	7100CH	Std-1-1X-10-20-30	Race Performance; Chamfered on one side		
8	Rod Pair	03-97	2555CA 60	60	Unplated & resizeable		
1	Cam Set	04-03	1898M	Std Only			
1	Cam Set	02-97	1888M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-97	224-43645		Std. volume & pressure		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01	260-1910		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01	260-1911		Lower oil pan gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1910		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98-97	260-1909		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	04-97	260-2536	Std Only	1st Design; Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring		205-6936	----
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring		205-6937	----
00-99	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring		205-6936	----
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring		205-6935	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

71 (cont.)	2004 - 1997; 5.7L 346 (5665cc) OHV V8 (16 Valve), 99mm Bore LS-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code G				71 (cont.)	
KITS						
RE-RING KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6936M	----
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6937M	----
00-99	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6936M	----
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6935M	----
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6082	----
01-01	Head bolts not incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6083	----
00-99	Head bolts not incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6082	----
98-97	Head bolts not incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6081	----
72	2005 - 2001; 5.7L 346 (5665cc) OHV V8 (16 Valve), 99mm Bore LS-6; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S				72	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	05-04	KT3-4205S		Incl. Cam, Crank, Chain	
1	3 Piece Set	04-01	KT3-4194S		(1) 222-4194; (1) 223-826; (1) 223-827	
1	Timing Chain	04-01	222-4194		60 Links	
1	Crank Sprocket	05-01	223-827		22 Teeth	
1	Cam Sprocket	04-01	223-826		44 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	05-01	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	05-01	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	05-01	RP-3349	Std Only	7.318" O.A.L.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-01	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.	
8	Intake	05-01	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	05-01	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	05-01	VK-291	Std Only	Loc. Int. & Exh.; 1 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Pin Bushing	04-01	4514Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	03-01	E-938K	Std-25-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-01	7298MA	Std-10-20-30-40	A-Series aluminum bearings	
1	Main Set	03-01	152M	Std-1-1X-10	Race Performance	
1	Rod Set	05-01	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings	
1	Rod Set	05-01	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore	
1	Rod Set	04-01	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy	
1	Rod Set	03-01	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side	
1	Rod Set	03-01	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side	
1	Rod Set	03-01	8-2555CA 60	60	Unplated & resizeable	
8	Rod Pair	05-01	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings	
8	Rod Pair	05-01	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy	
8	Rod Pair	05-01	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
8	Rod Pair	03-01	7100CH	Std-1-1X-10-20-30	Race Performance; Chamfered on one side	
8	Rod Pair	03-01	2555CA 60	60	Unplated & resizeable	
1	Cam Set	05-03	1898M	Std Only		
1	Cam Set	02-01	1888M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	04-01	224-43645		Std. volume & pressure	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01	260-1911		Lower oil pan gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	04-01	260-2536	Std Only	1st Design; Replacement recommended	

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

72 (cont.)		2005 - 2001; 5.7L 346 (5665cc) OHV V8 (16 Valve), 99mm Bore LS-6; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S				72 (cont.)	
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
01-01	Head bolts not incl.; Lower oil pan gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring	205-6937	----	
01-01	Head bolts not incl.; Lower oil pan gskt. not incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6937M	----	
73		1995 - 1991; 5.7L 350 DOHC V8 (32 Valve), 4" Bore LT-5; MFI; Gasoline; Naturally Aspirated Mercury Marine Eng.; Chevrolet; VIN Code J				73	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
32	Lifter	95-91	HT-2236	Std Only	Hyd. bucket type lifter		
32	Lifter, Bulk	95-91	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	95-91	VK-115	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 32		
32	Keeper	95-91	VK-115A	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton pack 24		
32	Keeper	95-91	VK-115R	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	95-91	VK-115B	Std Only	Loc. Int. & Exh.; 1 groove; Square cut key groove; Carton of 1000		
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-92	224-4146A		High Pressure; 5/8" inlet		
1	Inter. Shaft	95-93	224-6146		Use w/nylon shaft guide		
1	Oil Pump Shaft Guide	95-93	224-43343		Nylon		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	91	381-8059				
1	Brass Deep Cup Freeze Plug	91	381-9001		1.625" Diameter		
1	Steel Deep Cup Freeze Plug	91	381-3193		12mm Diameter		
74		1993 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 7				74	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	93-91	KT3-499SA3		Incl. hardened cam sprocket; (1) 222-499; (1) 223-391; (1) 223-732T		
1	3 Piece Set	93-91	KT3-499SA5		Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797		
1	Timing Set w/Gaskets	93-91	CTS-1006		Incl. hardened cam sprocket; Oil pan gskt. not incl.		
1	Timing Chain	93-91	222-499		Use w/.405" tooth width sprocket; 46 Links		
1	Crank Sprocket	93-91	223-391		Powdered metal; .405" tooth width sprocket; 18 Teeth		
1	Crank Sprocket	93-91	223-797		18 Teeth		
1	Cam Sprocket	93-91	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	93-91	CS-793		Hydraulic, (050) Duration at .050 Lobe Lift, 195 Exh., 179 Int., 109 Degrees Lobe Separation		
1	Camshaft	93-91	CS-808		w/r.l. lifters; Hydraulic, (050) Duration at .050 Lobe Lift, 214 Exh., 207 Int., 117 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	93-91	HT-2148	Std Only	Hyd. r.l.; 2.600" O.A.L.		
16	Lifter, Bulk	93-91	HT-2148B	Std Only	Hyd. r.l.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	93-91	KC-793		Hyd. r.l.; (1) 55-403B; (1) CS-793; (16) HT-2148		
1	Cam/Lifter Kit	93-91	KC-808		w/r.l. lifters; Hyd. r.l.; (1) 55-403B; (1) CS-808; (16) HT-2148		
1	Cam/Lifter/Timing Kit	93-91	KCT-808		w/r.l. lifters; Hyd. r.l.; Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 55-403B; (1) CS-808; (16) HT-2148; (1) KT3-499SA5		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	93-91	RP-3262	Std Only	7.192" O.A.L.		
16	Push Rod, Bulk	93-91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.		
8	Push Rod Guide Plate	92-91	MR-1891	Std Only	Speed-Pro stepped guide plate for 5/16" dia. push rods; Requires screw-in studs		
8	Push Rod Guide Plate	92-91	MR-1892	Std Only	Speed-Pro stepped guide plate for 3/8" dia. push rods; Requires screw-in studs		
8	Push Rod Guide Plate	92-91	MR-1896	Std Only	Speed-Pro flat guide plate for 5/16" dia. push rods; Requires screw-in studs		
8	Push Rod Guide Plate	92-91	MR-1930	Std Only	Speed-Pro flat guide plate for 3/8" dia. push rods; Requires screw-in studs		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	93-91	R-973	Std Only	Incl. arm, ball & nut		
16	Arm Assy., Bulk	93-91	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

74 (cont.)	1993 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 7				74 (cont.)
VALVETRAIN					
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION
16	Arm	93-91	R-1022R	Std Only	Speed-Pro 1.5 ratio stamped steel, long slot; Fits Eng. w/center bolt valve covers
16	Arm	93-91	R-1023R	Std Only	Speed-Pro 1.6 ratio, stamped steel, long slot; Fits Eng. w/center bolt valve covers
16	Arm	93-91	R-973A	Std Only	
16	Rocker Arm Ball	93-91	MR-1783	Std Only	
16	Nut	93-91	MR-1751	Std Only	Self-locking, 3/8" x 24 threads
16	Stud	93-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
16	Stud	93-91	MR-1865RS	Std Only	Speed-Pro 3/8" dia. Perf. screw-in stud; requires head machining
16	Stud	93-91	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	93-91	V-1888X	Std Only	Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3412" Stem Dia., 4.923" O.A.L.
8	Exhaust	93-91	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
8	Exhaust, Bulk	93-91	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
8	Intake	93-91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
8	Intake	93-91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.
8	Intake, Bulk	93-91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	93-91	VG-5005	Std Only	Loc. Exh.; w/Cast iron head; 0.343" ID, 2.25" O.A.L
8	Guide	93-91	VG-5005H	Std Only	Loc. Exh.; w/Cast iron head; Hardened; 0.343" ID, 2.25" O.A.L
8	Guide	93-91	VG-5005T	Std Only	Loc. Exh.; w/Cast iron head; Threaded; 0.3425" ID, 2.25" O.A.L
8	Guide	93-91	VG-5038	Std Only	Loc. Int.; w/Cast iron head; 0.343" ID, 2.12" O.A.L
16	Guide	93-91	VG-5131T	Std Only	Loc. Int. & Exh.; Universal; 0.438" ID, 3.25" O.A.L
8	Guide	92-91	VG-1375	Std Only	Loc. Exh.; Use w/replaceable exh. valve guide; Caution when removing guide w/stepped OD; 0.374" ID, 2.2" O.A.L
8	Guide, Bulk	93-91	VG-5005B	Std Only	Loc. Exh.; w/Cast iron head; Carton of 50; 0.343" ID, 2.25" O.A.L
8	Guide, Bulk	93-91	VG-5005TB	Std Only	Loc. Exh.; w/Cast iron head; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
8	Guide, Bulk	93-91	VG-5038B	Std Only	Loc. Int.; w/Cast iron head; Carton of 50; 0.343" ID, 2.12" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	93-91	VS-677	Std Only	Loc. Int. & Exh.; Incl. damper; 2.03" Free Height
16	Spring	93-91	VS-739R	Std Only	Loc. Int. & Exh.; Optional-H/D; 2" Free Height
16	Spring, Bulk	93-91	VS-677B	Std Only	Loc. Int. & Exh.; Incl. damper; Carton of 250; 2.03" Free Height
16	Spring, Bulk	93-91	VS-739RB	Std Only	Loc. Int. & Exh.; Optional-H/D; Carton of 300; 2" Free Height
16	Retainer	93-91	VSR-7021	Std Only	
16	Retainer	93-91	VSR-7021B	Std Only	New Part Number - Check for Availability
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	93-91	MV-1888C	Std Only	Loc. Int.; O.E. design; Positive type; (VTN) Viton®
16	Valve Stem Seal	92-91	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber
16	Valve Stem Seal	92-91	MV-1598C	Std Only	Loc. Int. & Exh.; Umbrella type; (RBB) Rubber
8	Valve Stem Seal Bulk	93-91	MV-1888	Std Only	Loc. Int.; O.E. design; Positive type; Carton of 50; (VTN) Viton®
16	Valve Stem Seal Bulk	92-91	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber
16	Valve Stem Seal Bulk	92-91	MV-1598	Std Only	Loc. Int. & Exh.; Umbrella type; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	92-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	92-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	92-91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	92-91	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	92-91	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	92-91	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	92-91	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	92-91	259-203C	Std Only	.015"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	93-91	H597ACP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 -, 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

74 (cont.)		1993 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated				74 (cont.)	
GMC Eng.; Chevrolet; VIN Code 7							
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	93-91	H597CP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use H597ACP		
8	Cast Piston - Individual	93-91	WH597ACP	Std Only	Use w/WE-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability		
8	Cast Piston - Individual	93-91	WH597CP	Std-20	Use w/WE-530K ring set; Hypereutectic; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use WH597ACP		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93-91	E-530K	Std-20-30-40-60	Use w/H597CP piston; 1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	93-91	WE-530K	Std-20-30	Use w/WH597P piston; 1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	4663M	Std-1-2-10-20-30-40-60	A-Series aluminum bearings		
1	Main Set	93-91	4663MA	Std-1-2-10-20-30-40-60	.020" O/S length flange brg.		
1	Main Set	93-91	6688M 10	10-20-30	A-Series aluminum bearings; w/.020" O/S OD		
1	Main Set	93-91	7274MA 10X20	10X20	A-Series aluminum bearings; .010" O/S length flange brg.		
1	Main Set	93-91	7329MA 10	10-20	A-Series aluminum bearings		
1	Rod Set	93-91	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	93-91	8-2555A 10X2	10X2-20X2-30X2-40X2	Use in .002" O/S Rod Bore		
1	Rod Set	93-91	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	93-91	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
1	Rod Set	93-91	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	93-91	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	93-91	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	93-91	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	93-91	2555CA 60	60	Unplated & resizeable		
1	Cam Set	93-91	1235M	Std-1-10	Babbitt material; Full round design		
1	Cam Set	93-91	1749M	Std Only	Bi-Metal Aluminum		
1	Cam Set	91	1750M	Std Only	2.030" housing bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide		
1	Oil Pump	93-91	224-43469		3/4" inlet; w/nylon shaft guide		
1	Oil Pump	93-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide		
1	Oil Pump	92-91	224-4146		5/8" inlet		
1	Oil Pump	92-91	224-4146A		High Pressure; 5/8" inlet		
1	Inter. Shaft	93-91	224-6146		Use w/nylon shaft guide		
1	Inter. Shaft	93-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide		
1	Oil Pump Shaft Guide	93-91	224-43343		Nylon		
1	Screen Assy.	93	224-14258		3/4" inlet tube		
1	Screen Assy.	93-91	224-1246		5/8" inlet tube		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93-91	260-1269		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	93-91	260-2500	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Steel Block Plug Kit	92-91	381-4011		0.500" Diameter		
1	Steel Deep Cup Freeze Plug	92-91	381-3095		0.500" Diameter		
KITS							
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability			Block Kit w/Premium Rings	BK-6089N	----	
75		1992 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TPI; Gasoline; Naturally Aspirated				75	
GMC Eng.; Chevrolet; VIN Code 8							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	92	KT3-499SA5		Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

75 (cont.)	1992 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				75 (cont.)
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	92-91	KT3-499SA3	Incl. hardened cam sprocket; (1) 222-499; (1) 223-391; (1) 223-732T	
1	Timing Set w/Gaskets	92-91	CTS-1006	Incl. hardened cam sprocket; Oil pan gskt. not incl.	
1	Timing Chain	92-91	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	92	223-797	18 Teeth	
1	Crank Sprocket	92-91	223-391	Powdered metal; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	92-91	223-732T	Hardened; .405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	92-91	CS-808	w/r/r. lifters; Hydraulic, (050) Duration at .050 Lobe Lift, 214 Exh., 207 Int., 117 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	92-91	HT-2148	Std Only	Hyd. r/r.; 2.600" O.A.L.
16	Lifter, Bulk	92-91	HT-2148B	Std Only	Hyd. r/r.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit		KC-808	w/r/r. lifters; Hyd. r/r.; (1) 55-403B; (1) CS-808; (16) HT-2148	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	92-91	RP-3262	Std Only	7.192" O.A.L.
16	Push Rod, Bulk	92-91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.
8	Push Rod Guide Plate	92-91	MR-1891	Std Only	Speed-Pro stepped guide plate for 5/16" dia. push rods; Requires screw-in studs
8	Push Rod Guide Plate	92-91	MR-1892	Std Only	Speed-Pro stepped guide plate for 3/8" dia. push rods; Requires screw-in studs
8	Push Rod Guide Plate	92-91	MR-1896	Std Only	Speed-Pro flat guide plate for 5/16" dia. push rods; Requires screw-in studs
8	Push Rod Guide Plate	92-91	MR-1930	Std Only	Speed-Pro flat guide plate for 3/8" dia. push rods; Requires screw-in studs
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm	92-91	R-1022R	Std Only	Speed-Pro 1.5 ratio stamped steel, long slot; Fits Eng. w/center bolt valve covers
16	Arm	92-91	R-1023R	Std Only	Speed-Pro 1.6 ratio, stamped steel, long slot; Fits Eng. w/center bolt valve covers
16	Stud	92-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
16	Stud	92-91	MR-1865RS	Std Only	Speed-Pro 3/8" dia. Perf. screw-in stud; requires head machining
16	Stud	92-91	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	92-91	V-1888X	Std Only	Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3412" Stem Dia., 4.923" O.A.L.
8	Intake	92-91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
8	Intake	92-91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.
8	Intake, Bulk	92-91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	92-91	VG-1375	Std Only	Loc. Exh.; Use w/replaceable exh. valve guide; Caution when removing guide w/stepped OD; 0.374" ID, 2.2" O.A.L.
8	Guide	92-91	VG-5005	Std Only	Loc. Exh.; w/Cast iron head; 0.343" ID, 2.25" O.A.L.
8	Guide	92-91	VG-5005H	Std Only	Loc. Exh.; w/Cast iron head; Hardened; 0.343" ID, 2.25" O.A.L.
8	Guide	92-91	VG-5005T	Std Only	Loc. Exh.; w/Cast iron head; Threaded; 0.3425" ID, 2.25" O.A.L.
8	Guide	92-91	VG-5038	Std Only	Loc. Int.; w/Cast iron head; 0.343" ID, 2.12" O.A.L.
16	Guide	92-91	VG-5131T	Std Only	Loc. Int. & Exh.; Universal; 0.438" ID, 3.25" O.A.L.
8	Guide, Bulk	92-91	VG-5005B	Std Only	Loc. Exh.; w/Cast iron head; Carton of 50; 0.343" ID, 2.25" O.A.L.
8	Guide, Bulk	92-91	VG-5005TB	Std Only	Loc. Exh.; w/Cast iron head; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.
8	Guide, Bulk	92-91	VG-5038B	Std Only	Loc. Int.; w/Cast iron head; Carton of 50; 0.343" ID, 2.12" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	92-91	VS-677	Std Only	Loc. Int. & Exh.; Incl. damper; 2.03" Free Height
16	Spring	92-91	VS-739R	Std Only	Loc. Int. & Exh.; Optional-H/D; 2" Free Height
16	Spring, Bulk	92-91	VS-677B	Std Only	Loc. Int. & Exh.; Incl. damper; Carton of 250; 2.03" Free Height
16	Spring, Bulk	92-91	VS-739RB	Std Only	Loc. Int. & Exh.; Optional-H/D; Carton of 300; 2" Free Height
16	Retainer	92-91	VSR-7021	Std Only	
16	Retainer	92-91	VSR-7021B	Std Only	New Part Number - Check for Availability
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	92-91	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber
16	Valve Stem Seal	92-91	MV-1598C	Std Only	Loc. Int. & Exh.; Umbrella type; (RBB) Rubber
16	Valve Stem Seal Bulk	92-91	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber
16	Valve Stem Seal Bulk	92-91	MV-1598	Std Only	Loc. Int. & Exh.; Umbrella type; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	92-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	92-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	92-91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

75 (cont.)		1992 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TPI; Gasoline; Naturally Aspirated				75 (cont.)	
		GMC Eng.; Chevrolet; VIN Code 8					
VALVETRAIN							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Spring Insert	92-91	259-203A	Std Only	.060"; Carton of 100		
16	Spring Insert	92-91	259-203ARS	Std Only	.060"; Carton of 500		
16	Spring Insert	92-91	259-203B	Std Only	.030"; Carton of 100		
16	Spring Insert	92-91	259-203BRS	Std Only	.030"; Carton of 500		
16	Spring Insert	92-91	259-203C	Std Only	.015"; Carton of 100		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	92-91	H597ACP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability		
8	Cast Piston	92-91	H597CP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use H597ACP		
8	Cast Piston - Individual	92-91	WH597ACP	Std Only	Use w/WE-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability		
8	Cast Piston - Individual	92-91	WH597CP	Std-20	Use w/WE-530K ring set; Hypereutectic; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use WH597ACP		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-377K	Std-20-30-40	.165" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly		
1	Premium Set	92-91	E-530K	Std-20-30-40-60	Use w/H597CP piston; 1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly		
1	Standard Set	92-91	E-377X	Std-30-40	.165" shallow oil ring groove; 2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	92-91	WE-377K	Std-20-30	.165" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly		
8	Premium Single Cylinder Set	92-91	WE-530K	Std-20-30	Use w/WH597P piston; 1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly		
8	Standard Single Cylinder Set	92-91	WE-377X	Std-30	.165" shallow oil ring groove; 2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	4663M	Std-1-2-10-20-30-40-60			
1	Main Set	92-91	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings		
1	Main Set	92-91	6688M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	92-91	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD		
1	Main Set	92-91	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.		
1	Rod Set	92-91	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	92-91	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	92-91	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	92-91	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
1	Rod Set	92-91	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	92-91	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	92-91	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	92-91	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	92-91	2555CA 60	60	Unplated & resizeable		
1	Cam Set	92-91	1235M	Std-1-10	Babbitt material; Full round design		
1	Cam Set	92-91	1749M	Std Only	Bi-Metal Aluminum		
1	Cam Set	91	1750M	Std Only	2.030" housing bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide		
1	Oil Pump	92-91	224-4146		5/8" inlet		
1	Oil Pump	92-91	224-4146A		High Pressure; 5/8" inlet		
1	Inter. Shaft	92-91	224-6146		Use w/nylon shaft guide		
1	Inter. Shaft	92-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide		
1	Oil Pump Shaft Guide	92-91	224-43343		Nylon		
1	Screen Assy.	92	224-1246		5/8" inlet tube		
1	Screen Assy.	91	224-1246		5/8" inlet tube		
1	Screen Assy.	91	224-14227		5/8" inlet tube		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1478		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	92-91	260-2500	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8059				
1	Steel Block Plug Kit	92-91	381-4011				

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

75 (cont.)	1992 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				75 (cont.)
BLOCK					
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Brass Deep Cup Freeze Plug	92-91	381-9001	1.625" Diameter	
1	Steel Deep Cup Freeze Plug	92-91	381-3095	0.500" Diameter	
1	Steel Deep Cup Freeze Plug	92-91	381-3193	12mm Diameter	
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
92-91	Use w/H597CP piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/1-2.00MM, 1-1.50MM, 1-4.00MM ring groove			205-6152	----
92-91	Use w/H597CP piston; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/1-2.00MM, 1-1.50MM, 1-4.00MM ring groove			205-6152M	----
92-91	w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6151	205-1151
92-91	w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6151M	205-1151M
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
92-91	w/r.r. lifters; Incl. hardened cam sprocket; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. High Pressure 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability			MKP-6152AN	----
92-91	Incl. r.r. lifters; Incl. hardened cam sprocket; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. High Pressure 5/8" inlet oil pump			MK-6152A	----
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability			BK-6088N	----
92-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability			BKP-6088N	----
92-91	w/.165" shallow oil ring groove; Incl. r.r. lifters; Incl. hardened cam sprocket; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. High Pressure 5/8" inlet oil pump			MK-6151A	MK-1151A
76 1997 - 1992; 5.7L 350 OHV V8 (16 Valve), 4" Bore LT-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P 76					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	97-94	KT3-499SA7	Incl. Cam, Crank, Chain	
1	Timing Chain	97-92	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	97-92	223-797	18 Teeth	
1	Crank Sprocket	92	223-505	Steel; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	97-92	223-814	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	97-92	HT-2148	Std Only	Hyd. r.r.; 2.600" O.A.L.
16	Lifter, Bulk	97-92	HT-2148B	Std Only	Hyd. r.r.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	97-96	RP-3348	Std Only	7.187" O.A.L.
16	Push Rod	95-93	RP-3262	Std Only	7.192" O.A.L.
16	Push Rod, Bulk	95-93	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	97-92	R-973	Std Only	Incl. arm, ball & nut
16	Arm Assy., Bulk	97-92	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64
16	Arm	97-92	R-973A	Std Only	
16	Rocker Arm Ball	97-92	MR-1783	Std Only	
16	Nut	97-92	MR-1751	Std Only	Self-locking, 3/8" x 24 threads
16	Stud	95-92	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
16	Stud	95-92	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	97-94	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

76 (cont.)	1997 - 1992; 5.7L 350 OHV V8 (16 Valve), 4" Bore LT-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				76 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
8	Exhaust	93-92	V-1888X	Std Only	Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3412" Stem Dia., 4.923" O.A.L.
8	Exhaust	93-92	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
8	Exhaust, Bulk	97-94	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.
8	Exhaust, Bulk	93-92	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
8	Intake	97-94	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.
8	Intake	93-92	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
8	Intake	93-92	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.
8	Intake, Bulk	93-92	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	93-92	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L
8	Guide	93-92	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L
8	Guide	93-92	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L
8	Guide	93-92	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L
8	Guide, Bulk	93-92	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L
8	Guide, Bulk	93-92	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
8	Guide, Bulk	93-92	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	97-92	VS-1662	Std Only	2.016" Free Height
16	Spring	93-92	VS-677	Std Only	Incl. damper; 2.03" Free Height
16	Spring	93-92	VS-739R	Std Only	Optional-H/D; 2" Free Height
16	Spring, Bulk	93-92	VS-677B	Std Only	Incl. damper; Carton of 250; 2.03" Free Height
16	Spring, Bulk	93-92	VS-739RB	Std Only	Optional-H/D; Carton of 300; 2" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	97-94	ST-2125	Std Only	Loc. Exh.; Positive type, Metal Clad; (VTN) Viton®
8	Valve Stem Seal	97-94	MV-1233C	Std Only	Loc. Int.; O-Ring; (RBB) Rubber
8	Valve Stem Seal Bulk	97-94	MV-1233	Std Only	Loc. Int.; O-Ring; Carton of 100; (RBB) Rubber
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	97-92	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	97-92	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	97-92	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	97-92	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	96-92	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	96-92	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	96-92	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	96-92	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	96-92	259-203C	Std Only	.015"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	97-92	H597ACP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston	97-92	H597CP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use H597ACP
8	Cast Piston - Individual	97-92	WH597ACP	Std Only	Use w/WE-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston - Individual	97-92	WH597CP	Std-20	Use w/WE-530K ring set; Hypereutectic; 1 - , 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use WH597ACP
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	97-92	E-530K	Std-20-30-40-60	1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly
8	Premium Single Cylinder Set	97-92	WE-530K	Std-20-30	1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	97-92	4663M	Std-1-2-10-20-30-40-60	
1	Main Set	97-92	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

76 (cont.)	1997 - 1992; 5.7L 350 OHV V8 (16 Valve), 4" Bore LT-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				76 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-92	6688M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	97-92	7329MA 10	10-20	A-Series aluminum bearings ; .010" O/S length flange brg.	
1	Rod Set	97-92	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings	
1	Rod Set	97-92	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore	
1	Rod Set	97-92	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy	
1	Rod Set	97-92	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy	
1	Rod Set	97-92	8-2555CA 60	60	Unplated & resizeable	
8	Rod Pair	97-92	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings	
8	Rod Pair	97-92	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy	
8	Rod Pair	97-92	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
8	Rod Pair	97-92	2555CA 60	60	Unplated & resizeable	
1	Cam Set	97-92	1235M	Std-1-10	Babbitt material; Full round design	
1	Cam Set	97-92	1749M	Std Only	Bi-Metal Aluminum	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-92	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Oil Pump	97-92	224-43469		3/4" inlet; w/nylon shaft guide	
1	Oil Pump	97-92	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Oil Pump	94-92	224-4146		5/8" inlet	
1	Inter. Shaft	97-92	224-6146		Use w/nylon shaft guide	
1	Inter. Shaft	97-92	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	97-92	224-43343		Nylon	
1	Screen Assy.	97	224-14258		3/4" inlet tube	
1	Screen Assy.	96	224-14258		3/4" inlet tube	
1	Screen Assy.	95	224-14258		3/4" inlet tube	
1	Screen Assy.	94	224-1246		5/8" inlet tube	
1	Screen Assy.	94	224-14227		5/8" inlet tube	
1	Screen Assy.	94	224-14258		3/4" inlet tube	
1	Screen Assy.	93	224-1246		5/8" inlet tube	
1	Screen Assy.	93	224-14227		5/8" inlet tube	
1	Screen Assy.	93	224-14258		3/4" inlet tube	
1	Screen Assy.	92	224-14227		5/8" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97	260-1650		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96	260-1650		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96	260-1931		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1650		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1931		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1650		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1931		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1650		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1931		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1931		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	97-92	260-2500	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Steel Block Plug Kit	93-92	381-4011			
1	Steel Deep Cup Freeze Plug	93-92	381-3095		0.500" Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
97-97	PermaDry® molded rubber valve cover gsks. incl.; PermaDry® molded rubber oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6383	----
96-96	PermaDry® molded rubber valve cover gsks. incl.; PermaDry® molded rubber oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6383	----

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

76 (cont.)		1997 - 1992; 5.7L 350 OHV V8 (16 Valve), 4" Bore LT-1; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				76 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-95	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring			205-6383	----	
94-94	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring			205-6383	----	
93-93	Valve stem seals not incl.; PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Incl. A-Series aluminum bearings	Re-ring			205-6383	----	
97-97	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains			205-6383M	----	
96-96	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains			205-6383M	----	
95-95	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains			205-6383M	----	
94-94	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains			205-6383M	----	
93-93	Valve stem seals not incl.; PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains			205-6383M	----	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-97	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings			BK-6090N	----	
96-96	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings			BK-6090N	----	
95-95	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings			BK-6090N	----	
94-94	PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings			BK-6090N	----	
93-93	Valve stem seals not incl.; PermaDry® molded rubber valve cover gskts. incl.; PermaDry® molded rubber oil pan gskts. incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H597ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings			BK-6090N	----	
77		1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore LT-4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5				77	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	96	222-499		Use w/.405" tooth width sprocket; 46 Links		
1	Crank Sprocket	96	223-797		18 Teeth		
1	Cam Sprocket	96	223-814		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	96	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	96	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	96	R-973	Std Only	Incl. arm, ball & nut		
16	Arm Assy., Bulk	96	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64		
16	Arm	96	R-973A	Std Only			
16	Rocker Arm Ball	96	MR-1783	Std Only			
16	Nut	96	MR-1751	Std Only	Self-locking, 3/8" x 24 threads		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	96	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

77 (cont.)	1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore LT-4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5				77 (cont.)
VALVETRAIN					
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION
8	Exhaust, Bulk	96	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.
8	Intake	96	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	96	ST-2125	Std Only	Loc. Exh.; Positive type, Metal Clad; (VTN) Viton®
8	Valve Stem Seal	96	MV-1233C	Std Only	Loc. Int.; O-Ring; (RBB) Rubber
8	Valve Stem Seal Bulk	96	MV-1233	Std Only	Loc. Int.; O-Ring; Carton of 100; (RBB) Rubber
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	96	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	96	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	96	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	96	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	96	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	96	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	96	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	96	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	96	259-203C	Std Only	.015"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	96	H597ACP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 -, 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston	96	H597CP	Std-20-30-40	Use w/E-530K ring set; Hypereutectic; 1 -, 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use H597ACP
8	Cast Piston - Individual	96	WH597ACP	Std Only	Use w/WE-530K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 1 -, 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston - Individual	96	WH597CP	Std-20	Use w/WE-530K ring set; Hypereutectic; 1 -, 2.00mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.550 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; Superseded - When depleted use WH597ACP
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	96	E-530K	Std-20-30-40-60	1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly
8	Premium Single Cylinder Set	96	WE-530K	Std-20-30	1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	96	4663M	Std-1-2-10-20-30-40-60	
1	Main Set	96	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings
1	Main Set	96	6688M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	96	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.
1	Rod Set	96	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	96	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	96	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	96	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy
1	Rod Set	96	8-2555CA 60	60	Unplated & resizeable
8	Rod Pair	96	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	96	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	96	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
8	Rod Pair	96	2555CA 60	60	Unplated & resizeable
1	Cam Set	96	1235M	Std-1-10	Babbitt material; Full round design
1	Cam Set	96	1749M	Std Only	Bi-Metal Aluminum
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	96	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide
1	Oil Pump	96	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	96	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Inter. Shaft	96	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	96	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Oil Pump Shaft Guide	96	224-43343		Nylon

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

78		2007 - 2005; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI;				78	
		Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code U					
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Crank Sprocket	07	223-827		22 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	07-05	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	07-05	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	07-05	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	07-05	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	07-05	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	07-05	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	07-05	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	07-05	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	07-06	H1129CT	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on head and in top compression groove, 23.962mm Pin Dia.		
8	Cast Piston	05	H1128CT	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .056 deep x 3.155 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 23.962mm Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-05	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	07-06	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore		
1	Rod Set	07-06	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	07-05	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Pair	07	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	07	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	07-06	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	07-05	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
1	Rod Pair	06	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	06-05	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
1	Cam Set	07-05	1898M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-05	224-43645		Std. volume & pressure		
1	Screen Assy.	07-05	224-15070		New Part Number - Check for Availability		
79		2009 - 2008; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI;				79	
		Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y					
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability		
80		2007 - 2005; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec LS-2; MFI;				80	
		Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H					
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	07	KT3-4205SA		4 Sensors; Single Bolt Cam; Incl. Cam, Crank, Chain		
1	3 Piece Set	05	KT3-4205S		1 Sensor; 3 bolt cam; Incl. Cam, Crank, Chain		
1	Crank Sprocket	06-05	223-827		22 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	07-05	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	07-05	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	07-05	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	07-05	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	07-05	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
8	Intake	07-05	V-4644	Std Only	Exc. Nat. Gas Conversion; Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		

GM Car (Incl. Buick, Cad., Chev., Geo, Olds., Pontiac, Saturn)

80 (cont.)	2007 - 2005; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec LS-2; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H										80 (cont.)
VALVETRAIN											
QTY	VALVE, MISC (cont.)	YEARS	PART NO.								DESCRIPTION
32	Keeper	07-05	VK-291	Std Only							1 groove
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.								DESCRIPTION
1	Main Set	07-06	7298MA	Std-10-20-30-40							A-Series aluminum bearings
1	Rod Set	07-05	8-2555A	Std-1-10-20-30-40-50-60							A-Series aluminum bearings
1	Rod Set	07-05	8-2555A 10X2	10X2-20X2-30X2-40X2							A-Series aluminum bearings; Use in .002" O/S Rod Bore
8	Rod Pair	07-05	2555A	Std-1-2-10-20-30-40-50-60							A-Series aluminum bearings
1	Rod Pair	06	2555CP	Std-1-2-10-20-30-40-50							Overplated copper-lead alloy
1	Rod Pair	06	2555CP 10X2	10X2-20X2							Use in .002" O/S Rod Bore
1	Cam Set	07-06	1898M	Std Only							
81 2009 - 2008; 6.2L 378 (6195cc) OHV V8 (16 Valve), 103.25mm Bore Vortec LS-3; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W											
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.								DESCRIPTION
1	Cam Set	09-08	1923M	Std Only							New Part Number - Check for Availability
82 2009; 6.2L 378 (6195cc) OHV V8 (16 Valve), 103.25mm Bore Vortec LS-9; MFI; Gasoline; Supercharged - Intercooled GMC Eng.; Chevrolet; VIN Code R											
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.								DESCRIPTION
1	Cam Set	09	1923M	Std Only							New Part Number - Check for Availability
83 2009; 6.2L 378 (6195cc) OHV V8 (16 Valve), 103.25mm Bore Vortec LSA; MFI; Gasoline; Supercharged - Intercooled GMC Eng.; Chevrolet; VIN Code P											
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.								DESCRIPTION
1	Cam Set	09	1923M	Std Only							New Part Number - Check for Availability
84 2009; 7.0L 427 OHV V8 (16 Valve), 4.125" Bore LS-7; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E											
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.								DESCRIPTION
1	Cam Set	09	1923M	Std Only							New Part Number - Check for Availability

GMC Minivans - See GMC Truck

GMC SUV's - See GMC Truck

GMC Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.6L	97.0	1590cc	SOHC L4	75mm	16	Suzuki Eng.	6	G16KV		MFI/Gasoline	2002-1994	1
1.6L	97.0	1590cc	SOHC L4	75mm	8	Suzuki Eng.	U	G16KC		TBI/Gasoline	1995-1991	2
2.0L	122.0	1998cc	DOHC L4	86mm	16	Opel Eng.	X			MFI/Gasoline	2010-2008	3
2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	4		Chevrolet	MFI/Gasoline	2003-1994	4
2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	5		Chevrolet	MFI/Flex Fuel	2002-2000	5
2.2L	134.1	2198cc	DOHC L4	86mm	16	Opel Eng.	B			MFI/Flex Fuel	2011-2009	6
2.2L	134.1	2198cc	DOHC L4	86mm	16	Opel Eng.	D			MFI/Gasoline	2008-2002	7
2.3L	138.0	2260cc	DOHC L4	92mm	16	GMC Eng.	G		Oldsmobile	MFI/Gasoline	1996-1993	8
2.4L	145.5	2384cc	DOHC L4	88mm	16	Opel Eng.	P			MFI/Gasoline	2010-2006	9
2.4L	145.5	2384cc	DOHC L4	88mm	16	Opel Eng.	V			MFI/Flex Fuel	2010-2009	10
2.4L	145.5	2384cc	DOHC L4	88mm	16	Opel Eng.	Z			MFI/Hybrid (Gas/Electric)	2010-2007	11
2.5L	151.0	2475cc	OHV L4	101.6mm	8	GMC Eng.	A		Pontiac	TBI/Gasoline	1993-1991	12
2.5L	151.0	2475cc	OHV L4	101.6mm	8	GMC Eng.	E		Pontiac	TBI/Gasoline	1991	13
2.8L	169.0	2770cc	DOHC L4	93mm	16	GMC Eng.	8		Chevrolet	MFI/Gasoline	2006-2004	14
2.8L	173.0	2835cc	OHV V6	89mm	12	GMC Eng.	R		Chevrolet	TBI/Gasoline	1993-1991	15
2.9L	178.2	2921cc	DOHC L4	95.5mm	16	GMC Eng.	9		Chevrolet	MFI/Gasoline	2009-2007	16
3.1L	189.0	3136cc	OHV V6	89mm	12	GMC Eng.	D		Chevrolet	TBI/Gasoline	1995-1991	17
3.4L	207.0	3393cc	OHV V6	92mm	12	GMC Eng.	9		Chevrolet	MFI/Gasoline	2008-2004	18
3.4L	207.0	3393cc	OHV V6	92mm	12	GMC Eng.	E		Chevrolet	MFI/Gasoline	2005-1996	19

GMC Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
3.4L	207.0	3393cc	OHV V6	92mm	12	GMC Eng.	F		Chevrolet	MFI/Gasoline	2009-2004	20
3.5L	211.0	3460cc	DOHC L5	93mm	20	GMC Eng.	6		Chevrolet	MFI/Gasoline	2006-2004	21
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.	4	J35A4		MFI/Gasoline	2007-2004	22
3.5L	213.0	3491cc	OHV V6	94mm	12	GMC Eng.	8		Chevrolet	MFI/Gasoline	2007-2006	23
3.5L	213.0	3491cc	OHV V6	94mm	12	GMC Eng.	L		Chevrolet	MFI/Gasoline	2006-2005	24
3.5L	214.0	3510cc	OHV V6	99mm	12	GMC Eng.	N		Chevrolet	MFI/Gasoline	2009-2008	25
3.6L	217.0	3564cc	DOHC V6	94mm	24	Opel Eng.	7			MFI/Gasoline	2009-2004	26
3.6L	217.0	3564cc	DOHC V6	94mm	24	Opel Eng.	D			DI/Gasoline	2009	27
3.7L	223.0	3654cc	DOHC L5	95.5mm	20	GMC Eng.	E		Chevrolet	MFI/Gasoline	2009-2007	28
3.8L	231.0	3791cc	OHV V6	96.52mm	12	GMC Eng.	L		Buick	MFI/Gasoline	1995-1992	29
3.9L	235.3	3856cc	OHV Turbo - Intercooled L4	102mm	8	Isuzu Eng.		4BD2-TC		MFI/Diesel	1998-1995	30
3.9L	235.3	3856cc	OHV Turbo L4	102mm	8	Isuzu Eng.		4BD1-T		DI/Diesel	1994-1991	31
3.9L	239.0	3921cc	OHV Turbo - Aftercooled L4	102mm	8	Cummins Eng.	L	4BTA3.9		MFI/Diesel	1991	32
3.9L	242.0	3880cc	OHV V6	99mm	12	GMC Eng.	1		Chevrolet	MFI/Gasoline	2009-2006	33
4.2L	254.0	4160cc	DOHC L6	93mm	24	GMC Eng.	S		Chevrolet	MFI/Gasoline	2009-2002	34
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	Z		Chevrolet	MFI/Gasoline	1993-1991	35
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	Z		Chevrolet	TBI/Gasoline	1996-1991	36
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	B		Chevrolet	TBI/Gasoline	1991	37
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	X		Chevrolet	CPI/Gasoline	2010-1996	38
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	W		Chevrolet	CPI/Gasoline	2003-1992	39
4.6L	281.0	4565cc	DOHC V8	93mm	32	GMC Eng.	A		Cadillac	MFI/Gasoline	2009-2004	40
4.8L	293.0	4807cc	OHV V8	96mm	16	GMC Eng.	C		Chevrolet	MFI/Gasoline	2009-2007	41
4.8L	293.0	4807cc	OHV V8	96mm	16	GMC Eng.	V		Chevrolet	MFI/Gasoline	2008-1999	42
5.0L	305.0	5012cc	OHV V8	94.9mm	16	GMC Eng.	H		Chevrolet	TBI/Gasoline	1996-1991	43
5.0L	305.0	5012cc	OHV V8	94.9mm	16	GMC Eng.	M		Chevrolet	CPI/Gasoline	2002-1996	44
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	0		Chevrolet	MFI/Flex Fuel	2011-2007	45
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	3		Chevrolet	MFI/Flex Fuel	2011-2007	46
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	B		Chevrolet	MFI/Gasoline	2007-2005	47
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	J		Chevrolet	MFI/Gasoline	2009-2007	48
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	L		Chevrolet	MFI/Gasoline	2009-2008	49
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	M		Chevrolet	MFI/Gasoline	2009-2005	50
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	P		Chevrolet	MFI/Gasoline	2005-2003	51
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	T		Chevrolet	MFI/Gasoline	2008-1999	52
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	Z		Chevrolet	MFI/Flex Fuel	2008-2002	53
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	4		Chevrolet	MFI/Flex Fuel	2011-2009	54
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	P		Chevrolet	MFI/Flex Fuel	2010	55
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	P		Chevrolet	MFI/Gasoline	2011-2010	56
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	K		Chevrolet	TBI/Gasoline	1996-1991	57
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.	R		Chevrolet	CPI/Gasoline	2002-1996	58
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	5		Chevrolet	MFI/Hybrid	2009-2008	59
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	J		Chevrolet	MFI/Flex Fuel Hybrid (Gas/Electric)	2010	60
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	K		Chevrolet	MFI/Gasoline	2010-2007	61
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	U		Chevrolet	MFI/Gasoline	2008-1999	62
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	Y		Chevrolet	MFI/Gasoline	2009-2007	63
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	N		Chevrolet	MFI/Gasoline	2007-2002	64
6.0L	364.0	5967cc	OHV V8	101.6mm	16	GMC Eng.	H		Chevrolet	MFI/Gasoline	2009-2005	65
6.2L	378.0	6195cc	OHV V8	103.25mm	16	GMC Eng.	2		Chevrolet	MFI/Flex Fuel	2009	66
6.2L	378.0	6195cc	OHV V8	103.25mm	16	GMC Eng.	8		Chevrolet	MFI/Gasoline	2009-2008	67
6.2L	379.0	6211cc	OHV V8	101mm	16	GMC Eng.	J		Chevrolet	MFI/Diesel	1993-1991	68
6.2L	379.0	6211cc	OHV V8	101mm	16	GMC Eng.	C		Chevrolet	MFI/Diesel	1993-1991	69
6.5L	395.0	6468cc	OHV Turbo V8	103mm	16	GMC Eng.	F		Chevrolet	MFI/Diesel	2002-1992	70
6.5L	395.0	6468cc	OHV Turbo V8	103mm	16	GMC Eng.	Z		Chevrolet	MFI/Diesel	2005-2002	71
6.5L	395.0	6468cc	OHV Turbo V8	103mm	16	GMC Eng.	S		Chevrolet	MFI/Diesel	2002-1994	72
6.5L	395.0	6468cc	OHV V8	103mm	16	GMC Eng.	P		Chevrolet	MFI/Diesel	1995-1994	73
6.5L	395.0	6468cc	OHV V8	103mm	16	GMC Eng.	Y		Chevrolet	MFI/Diesel	1999-1994	74
6.6L	402.0	6599cc	OHV Turbo - Intercooled V8	103mm	32	GMC Eng.	1			MFI/Diesel	2005-2001	75
6.6L	402.0	6599cc	OHV Turbo - Intercooled V8	103mm	32	GMC Eng.	2			MFI/Diesel	2007-2004	76
6.6L	402.0	6599cc	OHV Turbo - Intercooled V8	103mm	32	GMC Eng.	3			MFI/Diesel	2006	77

GMC Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
6.6L	402.0	6599cc	OHV Turbo - Intercooled V8	103mm	32	GMC Eng.	6			MFI/Diesel	2011-2007	78
6.6L	402.0	6599cc	OHV Turbo - Intercooled V8	103mm	32	GMC Eng.	D			MFI/Diesel	2007-2006	79
7.4L	454.0	7439cc	OHV V8	107.95mm	16	GMC Eng.	N		Chevrolet	TBI/Gasoline	1997-1991	80
7.4L	454.0	7439cc	OHV V8	107.95mm	16	GMC Eng.	B		Chevrolet	CPI/Gasoline	1999-1998	81
7.4L	454.0	7439cc	OHV V8	107.95mm	16	GMC Eng.	J		Chevrolet	CPI/Gasoline	2000-1996	82
8.1L	496.0	8129cc	OHV V8	107.9mm	16	GMC Eng.	G		Chevrolet	MFI/Gasoline	2007-2001	83
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
G16KC	1.6L	97.0	1590cc	SOHC L4	75mm	8	Suzuki Eng.	U	TBI/Gasoline	1995-1991	2	
G16KV	1.6L	97.0	1590cc	SOHC L4	75mm	16	Suzuki Eng.	6	MFI/Gasoline	2002-1994	1	
J35A4	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.	4	MFI/Gasoline	2007-2004	22	
4BD1-T	3.9L	235.3	3856cc	OHV Turbo L4	102mm	8	Isuzu Eng.		DI/Diesel	1994-1991	31	
4BD2-TC	3.9L	235.3	3856cc	OHV Turbo - Intercooled L4	102mm	8	Isuzu Eng.		MFI/Diesel	1998-1995	30	
4BTA3.9	3.9L	239.0	3921cc	OHV Turbo - Aftercooled L4	102mm	8	Cummins Eng.	L	MFI/Diesel	1991	32	
1	2002 - 1994; 1.6L 97 (1590cc) SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code 6, Eng. Code G16KV										1	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Timing Belt	02-94	222-B212									
1	Timing Belt & Tensioner Set	02-94	BTS-212									
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	00-94	V-4357	Std Only Chrome plated stem; 0.986" Head Dia., 0.2144" Stem Dia., 3.147" O.A.L.								
8	Intake	00-94	V-4356	Std Only Chrome plated stem; 1.149" Head Dia., 0.2154" Stem Dia., 3.63" O.A.L.								
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
16	Guide	00-94	VG-816	Std Only Loc. Int. & Exh.; 0.217" ID, 1.26" O.A.L.								
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
16	Valve Stem Seal	00-94	ST-2120	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®								
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION								
4	Seat	00-94	245-1062-50	Std Only Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth								
4	Seat	00-94	245-1250-54	Std Only Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth								
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION								
16	Keeper	00-94	VK-245	Std Only Loc. Int. & Exh.								
BLOCK												
QTY	PISTON	YEARS	PART NO.	DESCRIPTION								
1	Cast Piston Set w/Prem. Rings	96-94	4K13604P .50MM	.50MM Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.098 CD, Oblong Recessed Head .403 deep w/4 valve reliefs, 18.999mm Pin Dia.								
QTY	RINGS	YEARS	PART NO.	DESCRIPTION								
1	Premium Set	00-97	E-956KC	Std.-50-1.00MM 2-1.20MM, 1-2.50MM; Premium Chrome								
1	Premium Set	96	E-515KC	Std.-50-1.00MM To 3/96; 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome								
1	Premium Set	96	E-956KC	Std.-50-1.00MM From 4/96; 2-1.20MM, 1-2.50MM; Premium Chrome								
1	Premium Set	95-94	E-515KC	Std.-50-1.00MM 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome								
4	Premium Single Cylinder Set	96	WE-515KC	Std.-50MM To 3/96; 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome								
4	Premium Single Cylinder Set	95-94	WE-515KC	Std.-50MM 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome								
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	00-94	7208M	Std.-25-50MM								
1	Thrust Washer Set	00-94	4191AF	Std Only Loc. 3								
1	Rod Set	00-94	4-4190CP	Std.-25-50MM								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
1	Kit Gasket Set	02-96	260-1814	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.								
1	Kit Gasket Set	95-94	260-1813	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.								

GMC Truck (Incl. Minivans and SUV's)

1 (cont.)		2002 - 1994; 1.6L 97 (1590cc) SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code 6, Eng. Code G16KV				1 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
00-97	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6868	----	
96-96	To 3/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6814	----	
96-96	From 4/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6868	----	
95-94	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6813	----	
00-97	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6868M	----	
96-96	To 3/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6814M	----	
96-96	From 4/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6868M	----	
95-94	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6813M	----	
2		1995 - 1991; 1.6L 97 (1590cc) SOHC L4 (8 Valve), 75mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; VIN Code U, Eng. Code G16KC				2	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-91	222-B164				
1	Timing Belt & Tensioner Set	95-91	BTS-212				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	95-91	V-2631	Std Only	Chrome plated stem; 1.278" Head Dia., 0.2736" Stem Dia., 4.506" O.A.L.		
4	Intake	95-91	V-2630	Std Only	Chrome plated stem; 1.441" Head Dia., 0.274" Stem Dia., 4.55" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	95-94	VG-817	Std Only	w/o Calif. Emis.; 0.2757" ID, 1.895" O.A.L.		
8	Guide	93-91	VG-817	Std Only	0.2757" ID, 1.895" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-91	VK-248	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-515KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	95-91	WE-515KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	7208M	Std.-25-50MM			
1	Thrust Washer Set	95-91	4191AF	Std Only	Loc. 3		
1	Rod Set	95-91	4-4190CP	Std.-25-50MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-91	260-1812		Premium valve stem seals incl.		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-91	Premium valve stem seals incl.	Re-ring			205-6812	----	
95-91	Premium valve stem seals incl.	Re-ring w/Mains			205-6812M	----	
3		2010 - 2008; 2.0L 122 (1998cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Turbo - Intercooled Opel Eng.; VIN Code X				3	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-08	HT-2307	Std Only			
4		2003 - 1994; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	03-94	KT3-370SA		Incl. silent type chain; (1) 222-370; (1) 223-549; (1) 223-774		
1	Timing Set w/Gaskets	02-94	CTS-1007		New Part Number - Check for Availability		
1	Timing Chain	03-94	222-370		Silent type; 58 Links		
1	Timing Chain Tensioner	03-94	222-115CT				
1	Crank Sprocket	03-94	223-549		20 Teeth		
1	Cam Sprocket	03-94	223-774		40 teeth; 40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		

GMC Truck (Incl. Minivans and SUV's)

4 (cont.)	2003 - 1994; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4				4 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
1	Camshaft	02-94	CS-1579		Hydraulic Roller
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	03-94	HT-2270	Std Only	Hyd. rlr.
8	Lifter, Bulk	03-94	HT-2270B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	02-94	KC-1579		Hyd. rlr.; (1) 55-403B; (1) CS-1579; (8) HT-2270
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
8	Push Rod	03-98	RP-3341	Std Only	7.448" O.A.L.
8	Push Rod	97-94	RP-3328	Std Only	7.406" O.A.L.
8	Push Rod, Bulk	97-94	BRP-3328	Std Only	Carton of 100; 7.406" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm Assy.	03-98	R-1117	Std Only	Incl. arm, bearing, bolt, shaft & support
8	Arm Assy.	00-94	R-1090	Std Only	Incl. arm, ball & nut
8	Arm	00-94	R-1090A	Std Only	
8	Nut	00-94	MR-1882	Std Only	8MM x 1.25MM Thread
8	Pivot	00-94	MR-1926	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	03-98	V-4558	Std Only	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5" O.A.L.
4	Exhaust	97-94	V-4336	Std-15	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5.142" O.A.L.
4	Exhaust, Bulk	97-94	V-4336B 15	15	Chrome plated stem; Carton of 25; 1.457" Head Dia., 0.2888" Stem Dia., 5.142" O.A.L.
4	Intake	03-98	V-4572	Std Only	Chrome plated stem; 1.732" Head Dia., 0.2746" Stem Dia., 5.2846" O.A.L.
4	Intake	97-94	V-4346	Std-15	Chrome plated stem; 1.732" Head Dia., 0.2742" Stem Dia., 5.465" O.A.L.
4	Intake, Bulk	97-94	V-4346B 15	15	Chrome plated stem; Carton of 25; 1.732" Head Dia., 0.2892" Stem Dia., 5.465" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	03-98	VS-1644	Std Only	Loc. Int. & Exh.; Conical design; 1.91" Free Height
8	Spring	97-94	VS-1628	Std Only	Loc. Int. & Exh.; 1.945" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	97-96	ST-2129	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	97-94	245-1562-66	Std Only	Loc. Exh.; 1.5695" OD, 1.265" ID, 0.28" Depth
4	Seat	97-94	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	03-94	VK-283	Std Only	Loc. Int. & Exh.
16	Keeper, Bulk	03-94	VK-283B	Std Only	Loc. Int. & Exh.; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	03-98	H851CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .065 deep x 2.650 dia.; DUROSHIELD® skirt coated piston, 0.8005" Pin Dia.
4	Cast Piston	97-94	H637CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.172 CD, Recessed Head .200 deep x 2.920 dia., 0.8001" Pin Dia.
4	Cast Piston - Individual	03-98	WH851CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .065 deep x 2.650 dia.; DUROSHIELD® skirt coated piston, 0.8005" Pin Dia.
4	Cast Piston - Individual	97-94	WH637CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.172 CD, Recessed Head .200 deep x 2.920 dia., 0.8001" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	03-94	E-531K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
1	Standard Set	03-94	E-531X	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	03-94	WE-531K	Std-50-.75MM	2-1.50MM, 1-3.00MM; Premium Moly
4	Standard Single Cylinder Set	03-94	WE-531X	Std-50-.75MM	2-1.50MM, 1-3.00MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	03-98	7369MA	Std-25-.50-.75-1.00MM	A-Series aluminum bearings
1	Main Set	97-94	7047MA	Std-25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	03-94	4-2020CP	Std-1-10-20-30-40	
4	Rod Pair	03-94	2020CP	Std-1-2-10-20-30-40-50	
1	Cam Set	03-94	1485M	Std-2	Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	03-94	224-43563		
1	Inter. Shaft	03-94	224-6151		
1	Oil Pump Shaft Guide	00-94	224-43351		Nylon
1	Screen Assy.	03-94	224-14276		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION

GMC Truck (Incl. Minivans and SUV's)

4 (cont.)		2003 - 1994; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4				4 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-98	260-1884		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-94	260-1748		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	03-98	260-2539	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	97-95	260-2541	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	94	260-2530	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	02-98	381-9699				
1	Brass Block Plug Kit	97-94	381-9698				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6909	205-1909	
02-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6909M	205-1909M	
97-94	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6413	205-1413	
97-94	Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6413M	205-1413M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-98	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6005	----	
97-94	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Block Kit w/Premium Rings	BK-6004	----	
5		2002 - 2000; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	02-00	KT3-370SA		Incl. silent type chain; (1) 222-370; (1) 223-549; (1) 223-774		
1	Timing Set w/Gaskets	02-00	CTS-1007		New Part Number - Check for Availability		
1	Timing Chain	02-00	222-370		Silent type; 58 Links		
1	Timing Chain Tensioner	02-00	222-115CT				
1	Crank Sprocket	02-00	223-549		20 Teeth		
1	Cam Sprocket	02-00	223-774		40 teeth; 40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	02-00	CS-1579		Hydraulic Roller		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	02-00	HT-2270	Std Only	Hyd. rlr.		
8	Lifter, Bulk	02-00	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	02-00	KC-1579		Hyd. rlr.; (1) 55-403B; (1) CS-1579; (8) HT-2270		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
8	Push Rod	02-00	RP-3341	Std Only	7.448" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm Assy.	02-00	R-1117	Std Only	Incl. arm, bearing, bolt, shaft & support		
8	Arm Assy.	00	R-1090	Std Only	Incl. arm, ball & nut		
8	Arm	00	R-1090A	Std Only			
8	Nut	00	MR-1882	Std Only	8MM x 1.25MM Thread		
8	Pivot	00	MR-1926	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	02-00	V-4558	Std Only	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5" O.A.L.		
4	Intake	02-00	V-4572	Std Only	Chrome plated stem; 1.732" Head Dia., 0.2746" Stem Dia., 5.2846" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	02-00	VS-1644	Std Only	Loc. Int. & Exh.; Conical design; 1.91" Free Height		

GMC Truck (Incl. Minivans and SUV's)

	5 (cont.)	2002 - 2000; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5		5 (cont.)
VALVETRAIN				
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
16	Keeper	02-00	VK-283	Std Only Loc. Int. & Exh.
16	Keeper, Bulk	02-00	VK-283B	Std Only Loc. Int. & Exh.; Carton of 100
BLOCK				
QTY	PISTON	YEARS	PART NO.	DESCRIPTION
4	Cast Piston	02-00	H851CP	Std-50-75-1.00-1.50MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .065 deep x 2.650 dia.; DUROSHIELD® skirt coated piston, 0.8005" Pin Dia.
4	Cast Piston - Individual	02-00	WH851CP	Std-50-75-1.00MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.200 CD, Recessed Head .065 deep x 2.650 dia.; DUROSHIELD® skirt coated piston, 0.8005" Pin Dia.
QTY	RINGS	YEARS	PART NO.	DESCRIPTION
1	Premium Set	02-00	E-531K	Std-50-75-1.00MM 2-1.50MM, 1-3.00MM; Premium Moly
1	Standard Set	02-00	E-531X	Std-50-75-1.00MM 2-1.50MM, 1-3.00MM; Iron
4	Premium Single Cylinder Set	02-00	WE-531K	Std-50-75MM 2-1.50MM, 1-3.00MM; Premium Moly
4	Standard Single Cylinder Set	02-00	WE-531X	Std-50-75MM 2-1.50MM, 1-3.00MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	02-00	7369MA	Std-25-50-75-1.00MM A-Series aluminum bearings
1	Rod Set	02-00	4-2020CP	Std-1-10-20-30-40
4	Rod Pair	02-00	2020CP	Std-1-2-10-20-30-40-50
1	Cam Set	02-00	1485M	Std-2 Full round design
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	02-00	224-43563	
1	Inter. Shaft	02-00	224-6151	
1	Screen Assy.	02-00	224-14276	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Head Bolt Set	02-00	260-2539	Std Only Replacement recommended; New Part Number - Check for Availability
6 2011 - 2009; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Flex Fuel; Naturally Aspirated Opel Eng.; VIN Code B 6				
VALVETRAIN				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
16	Lifter	11-09	HT-2307	Std Only
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
8	Exhaust	11-09	V-4674X	Std Only
8	Intake	11-09	V-4673	Std Only
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
8	Seat	11-09	245-1437-69	Std Only Loc. Int.; 1.4375" OD, 1.14" ID, 0.237" Depth
BLOCK				
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	11-09	7421M	Std-10-20-30
1	Rod Set	11-09	4-4970P	Std-10-20-30
7 2008 - 2002; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code D 7				
VALVETRAIN				
QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Complete Set	08-02	KT-4016S	Incl. Cam, Crank, Chain, Tensioner, Guide (3)
1	Complete Set	08-02	KT-4017S	Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
1	Camshaft	07-06	CS-1588	Exhaust; New Part Number - Check for Availability
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only 1.5 oz. packet
16	Lifter	08-02	HT-2307	Std Only
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
8	Exhaust	08-02	V-4674X	Std Only
8	Intake	08-02	V-4673	Std Only
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
8	Seat	08-02	245-1437-69	Std Only Loc. Int.; 1.4375" OD, 1.14" ID, 0.237" Depth
BLOCK				
QTY	PISTON	YEARS	PART NO.	DESCRIPTION
8	Cast Piston	08-02	H1120CPA	Std-50-75-1.00MM Hypereutectic; New Part Number - Check for Availability
8	Cast Piston	08-02	H1120CT	Std-50-75-1.00MM Hypereutectic; 1.25 Groove, 1.54 Groove, 2.54 Groove, 1.041 CD, Dish Head .025 deep x 2.756 dia., 19.992mm Pin Dia.

GMC Truck (Incl. Minivans and SUV's)

7 (cont.)		2008 - 2002; 2.2L 134.1 (2198cc) DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code D				7 (cont.)	
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	08-02	E-971K	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.50MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	08-02	7421M	Std-10-20-30			
1	Rod Set	08-02	4-4970P	Std-10-20-30			
2	Balance Shaft Bearing	05-02	4971DR	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	08-02	224-53581				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	05-02	260-1961		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
8		1996 - 1993; 2.3L 138 (2260cc) DOHC L4 (16 Valve), 92mm Bore Quad 4; MFI; Gasoline; Naturally Aspirated GMC Eng.; Oldsmobile; VIN Code G				8	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	96-93	H566P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .120 deep x 2.895 dia. - 9.5:1 C.R., 0.8661" Pin Dia.		
4	Cast Piston - Individual	96-93	WH566P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.241 CD, Recessed Head .120 deep x 2.895 dia. - 9.5:1 C.R., 0.8661" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96-93	E-535K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
1	Standard Set	96-93	E-535X	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Iron		
4	Premium Single Cylinder Set	96-93	WE-535K	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-93	7054MA	Std-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	96-93	4-1540A	Std-25-50-75MM	A-Series aluminum bearings		
4	Rod Pair	96-93	1540A	Std-25-50-75MM	A-Series aluminum bearings		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95	260-1926		1st Design; Head bolts not incl.; Exh. pipe packing not incl.; 20 hole timing cover gskt. 0.70mm thick incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95	260-1927		2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; 21 hole timing cover gskt. 3.40mm thick incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1644		1st Design; Head bolts not incl.; Timing cover gsks. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1644		2nd Design; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	95-93	260-2506	Std Only	Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
94-93	Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.				Re-ring	205-6353	205-1353
94-93	Head bolts not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6353M	205-1353M
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
94-93	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				Block Kit w/Premium Rings	BK-6010	----
9		2010 - 2006; 2.4L 145.5 (2384cc) DOHC L4 (16 Valve), 88mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code P				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	08-06	KT-4017S		Incl. Crank, Bal. Shf. Chain, Bal. Shf. Guide (3), Bal. Shf. Sprocket (2), Bal. Shf. Tensioner		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-06	HT-2307	Std Only			

GMC Truck (Incl. Minivans and SUV's)

10	2010 - 2009; 2.4L 145.5 (2384cc) DOHC L4 (16 Valve), 88mm Bore Ecotec; MFI; Flex Fuel; Naturally Aspirated Opel Eng.; VIN Code V				10
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10-09	HT-2307	Std Only	
11	2010 - 2007; 2.4L 145.5 (2384cc) DOHC L4 (16 Valve), 88mm Bore Ecotec; MFI; Hybrid (Gas/Electric); Naturally Aspirated Opel Eng.; VIN Code Z				11
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	10-07	HT-2307	Std Only	
12	1993 - 1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code A				12
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Gear Set	93-91	221-2542LS	Laminated cam gear; 221-2520 not sold separately; (1) 221-2537; (1) 221-2542	
1	Crank Gear	93-91	221-2537	27 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	93-91	CS-1507	Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 191 Int., 112 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	93-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
8	Lifter, Bulk	93-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	93-91	KC-1507	Hyd. rlr.; (1) 55-403B; (1) CS-1507; (8) HT-2148	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
8	Push Rod	93-91	RP-3263	Std Only	8.272" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
8	Arm Assy.	93-91	R-894	Std Only	Incl. arm & 2-pivots
8	Arm Assy., Bulk	93-91	R-894B	Std Only	Incl. arm & 2-pivots; Carton of 64
8	Arm	93-91	R-894A	Std Only	
8	Rocker Arm Ball	93-91	MR-1832	Std Only	Hole I.D. .4365"
8	Rocker Arm Ball	93-91	MR-1841	Std Only	Hole I.D. .4745"
8	Nut	93-91	MR-1934	Std Only	3/8" x 24 UNF
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
4	Exhaust	93-91	V-2529	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3133" Stem Dia., 4.541" O.A.L.
4	Exhaust, Bulk	93-91	V-2529B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3258" Stem Dia., 4.541" O.A.L.
4	Intake	93-91	V-2530	Std-15	Chrome plated stem; 1.7201" Head Dia., 0.3135" Stem Dia., 4.591" O.A.L.
4	Intake, Bulk	93-91	V-2530B 15	15	Chrome plated stem; Carton of 25; 1.7201" Head Dia., 0.3285" Stem Dia., 4.591" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
8	Spring	93-92	VS-922	Std Only	Incl. damper; 2.008" Free Height
8	Spring	91	VS-925	Std Only	Incl. damper; 1.941" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
8	Valve Stem Seal	93-91	ST-2087	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
4	Seat	93-91	245-1625-1	Std Only	Loc. Exh.; 1.63" OD, 1.375" ID, 0.216" Depth
4	Seat	93-91	245-1625-1N	Std Only	Loc. Exh.; Premium Material; 1.63" OD, 1.375" ID, 0.216" Depth
4	Seat	93-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
4	Seat	93-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
16	Keeper	93-91	VK-216	Std Only	1 groove
16	Keeper, Bulk	93-91	VK-216B	Std Only	1 groove; Carton of 1000
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
4	Cast Piston	93-91	H547CP	Std-20-30-40-60	Hypereutectic; 1 - , 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
4	Cast Piston	93-91	H547P	Std-30-40-60	Hypereutectic; 1 - , 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H547CP

GMC Truck (Incl. Minivans and SUV's)

12 (cont.)		1993 - 1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code A				12 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	93-91	WH547CP	Std-20-30-40-60	Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.		
4	Cast Piston - Individual	93-91	WH547P	Std-20-30-40-60	Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH547CP		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93-91	E-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly		
1	Standard Set	93-91	E-384X	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Iron		
4	Premium Single Cylinder Set	93-91	WE-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	6689MA	Std-1-10-20-30	A-Series aluminum bearings		
1	Rod Set	93-91	4-2500RAA	Std-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	93-91	4-2500RAA 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
4	Rod Pair	93-91	2500RAA	Std-2-10-20-30-40	A-Series aluminum bearings		
1	Cam Set	93-91	1461M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-41239				
1	Oil Pump	93-91	224-41239V		High Volume, check pan for clearance		
1	Inter. Shaft	93-91	224-61239				
1	Screen Assy.	93-91	224-11239				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93-91	260-1630		Head bolts not incl.; Exh. pipe packing not incl.; Premium valve stem seals incl.		
1	Head Bolt Set	93-91	260-2504	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8074				
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter		
1	Brass Deep Cup Freeze Plug	92-91	381-9026		1.953" Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring		205-6263	205-1263	
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.		Re-ring w/Mains		205-6263AM	205-1263AM	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. laminated cam gear		Master		MKP-6155F	MKP-1155F	
92-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. laminated cam gear		Master w/o Pistons		MK-6155F	MK-1155F	
92-91	Exh. pipe packing not incl.; Premium valve stem seals incl.; Incl. laminated cam gear		Master w/o Rods & Mains		505-6155F	505-1155F	
13		1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code E				13	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Gear Set	91	221-2542LS		Laminated cam gear; 221-2520 not sold separately; (1) 221-2537; (1) 221-2542		
1	Crank Gear	91	221-2537		27 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	91	CS-782		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 190 Exh., 190 Int., 111 Degrees Lobe Separation, 0.4057" Exh. Valve Lift, 0.4057" Int. Valve Lift		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
8	Lifter, Bulk	91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	91	KC-782		Hyd. rlr.; (1) 55-403B; (1) CS-782; (8) HT-2148		
1	Cam/Lifter/Timing Kit	91	KCT-782		Hyd. rlr.; Incl. laminated cam gear; (1) 221-2542LS; (1) 55-403B; (1) CS-782; (8) HT-2148		

GMC Truck (Incl. Minivans and SUV's)

13 (cont.)	1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code E				13 (cont.)
VALVETRAIN					
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
8	Push Rod	91	RP-3263	Std Only	8.272" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm Assy.	91	R-894	Std Only	Incl. arm & 2-pivots
8	Arm Assy., Bulk	91	R-894B	Std Only	Incl. arm & 2-pivots; Carton of 64
8	Arm	91	R-894A	Std Only	
8	Rocker Arm Ball	91	MR-1832	Std Only	Hole I.D. .4365"
8	Rocker Arm Ball	91	MR-1841	Std Only	Hole I.D. .4745"
8	Nut	91	MR-1934	Std Only	3/8" x 24 UNF
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	91	V-2529	Std-15	Chrome plated stem; 1.5" Head Dia., 0.3133" Stem Dia., 4.541" O.A.L.
4	Exhaust, Bulk	91	V-2529B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3258" Stem Dia., 4.541" O.A.L.
4	Intake	91	V-2530	Std-15	Chrome plated stem; 1.7201" Head Dia., 0.3135" Stem Dia., 4.591" O.A.L.
4	Intake, Bulk	91	V-2530B 15	15	Chrome plated stem; Carton of 25; 1.7201" Head Dia., 0.3285" Stem Dia., 4.591" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	91	VS-922	Std Only	Incl. damper; 2.008" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	91	ST-2087	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	91	245-1625-1	Std Only	Loc. Exh.; 1.63" OD, 1.375" ID, 0.216" Depth
4	Seat	91	245-1625-1N	Std Only	Loc. Exh.; Premium Material; 1.63" OD, 1.375" ID, 0.216" Depth
4	Seat	91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
4	Seat	91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	91	VK-216	Std Only	1 groove
16	Keeper, Bulk	91	VK-216B	Std Only	1 groove; Carton of 1000
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	91	H547CP	Std-20-30-40-60	Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
4	Cast Piston	91	H547P	Std-30-40-60	Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H547CP
4	Cast Piston - Individual	91	WH547CP	Std-20-30-40-60	Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
4	Cast Piston - Individual	91	WH547P	Std-20-30-40-60	Hypereutectic; 1 -, 1/16 Groove, 1 - 5/64 Groove, 1 - 3/16 Groove, 1.560 CD, Recessed Head .165 deep x 3.120 dia. w/shallow oil ring groove for low tension oil ring - 9.0:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH547CP
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	91	E-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly
1	Standard Set	91	E-384X	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Iron
4	Premium Single Cylinder Set	91	WE-384K	Std-20-30-40-60	1-1/16, 1-5/64, 1-3/16; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	91	6689MA	Std-1-10-20-30	A-Series aluminum bearings
1	Rod Set	91	4-2500RAA	Std-10-20-30-40	A-Series aluminum bearings
1	Rod Set	91	4-2500RAA 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
4	Rod Pair	91	2500RAA	Std-2-10-20-30-40	A-Series aluminum bearings
1	Cam Set	91	1461M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	91	224-41239		
1	Oil Pump	91	224-41239V		High Volume, check pan for clearance
1	Inter. Shaft	91	224-61239		
1	Screen Assy.	91	224-11239		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	91	260-1482		Head bolts not incl.; Exh. pipe packing not incl.; Premium valve stem seals incl.
1	Head Bolt Set	91	260-2504	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION

GMC Truck (Incl. Minivans and SUV's)

13 (cont.)		1991; 2.5L 151 OHV L4 (8 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Pontiac; VIN Code E				13 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	91	381-8074				
1	Brass Deep Cup Freeze Plug	91	381-9001	1.625" Diameter			
1	Brass Deep Cup Freeze Plug	91	381-9026	1.953" Diameter			
KITS							
RE-RING KIT							
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.		
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			205-6155	205-1155		
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.			205-6155M	205-1155M		
OVERHAUL KIT							
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.		
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. laminated cam gear			MKP-6155A	MKP-1155A		
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Premium valve stem seals incl.; Incl. laminated cam gear			MK-6155A	MK-1155A		
91-91	Exh. pipe packing not incl.; Premium valve stem seals incl.; Incl. laminated cam gear			505-6155A	505-1155A		
14		2006 - 2004; 2.8L 169 (2770cc) DOHC L4 (16 Valve), 93mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				14	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
16	Lifter	06-04	HT-2307	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	05-04	V-4676	Std Only			
8	Intake	05-04	V-4675	Std Only			
15		1993 - 1991; 2.8L 173 (2835cc) OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R				15	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	93-91	KT3-368S	Incl. chain 11 links wide; (1) 222-368; (1) 223-506; (1) 223-511			
1	3 Piece Set	93-91	KT3-373S	Incl. chain 11 links wide; When depleted use KT3-368S; (1) 222-368; (1) 223-506; (1) 223-511			
1	Timing Chain	93-91	222-368	11 links wide; 64 Links			
1	Chain Damper	93-91	222-59CT	Chain Damper w/Steel-Rubber damper			
1	Crank Sprocket	93-91	223-511	20 Teeth			
1	Cam Sprocket	93-91	223-506	40 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	93-91	CS-1539	Hydraulic, (050) Duration at .050 Lobe Lift, 202 Exh., 196 Int., 109 Degrees Lobe Separation			
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.			
1	Prelube		55-403	Std Only 1.5 oz. packet			
12	Lifter	93-91	HT-2095	Std Only Hyd.			
12	Lifter, Bulk	93-91	HT-2095B	Std Only Hyd.; Carton of 128			
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION			
1	Cam/Lifter Kit	93-91	KC-1539	Hyd.; (1) 55-403B; (1) CS-1539; (12) HT-2095			
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
12	Push Rod	93-91	RP-3207	Std Only 6.163" O.A.L.			
12	Push Rod, Bulk	93-91	BRP-3207	Std Only Carton of 100; 6.163" O.A.L.			
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
12	Arm Assy.	93-91	R-881	Std Only Incl. arm, ball & nut			
12	Arm Assy., Bulk	93-91	R-881B	Std Only Incl. arm, ball & nut; Carton of 64			
12	Arm	93-91	R-881A	Std Only			
12	Rocker Arm Ball	93-91	MR-1838	Std Only			
12	Nut	93-91	MR-1837	Std Only			
12	Stud	93-91	MR-1883	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
6	Exhaust	93-91	V-2290	Std-15 Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.			
6	Exhaust, Bulk	93-91	V-2290B 15	15 Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.			
6	Intake	93-91	V-2291	Std-15 Chrome plated stem; 1.7181" Head Dia., 0.3413" Stem Dia., 4.705" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			

GMC Truck (Incl. Minivans and SUV's)

15 (cont.)	1993 - 1991; 2.8L 173 (2835cc) OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R				15 (cont.)
VALVETRAIN					
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION
12	Guide	93-91	VG-1377	Std Only	Loc. Int. & Exh.; w/Alum. heads; Incl. lock ring; Threaded; 0.3155" ID, 2.085" O.A.L
12	Guide	93-91	VG-5080	Std Only	Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	93-91	VS-798	Std Only	Loc. Int. & Exh.; 1.91" Free Height
12	Spring, Bulk	93-91	VS-798B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.91" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	93-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber
12	Valve Stem Seal	93-91	MV-1888A	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal	93-91	MV-1888C	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal Bulk	93-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber
12	Valve Stem Seal Bulk	93-91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	93-91	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	93-91	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	93-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
6	Seat	93-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
24	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
24	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
12	Spring Insert	93-91	259-201A	Std Only	.060"; Carton of 100
12	Spring Insert	93-91	259-201ARS	Std Only	.060"; Carton of 500
12	Spring Insert	93-91	259-201B	Std Only	.030"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	93-91	516P	Std-50-.75-1.00-1.50MM	Use w/E-432K or E-432X ring set; Cast; 1 -, 1.50mm Groove, 1 - 2.00mm Groove, 1 - 4.75mm Groove, 1.598 CD, Flat Head w/shallow oil ring groove for low tension oil ring - 8.5:1 C.R., 0.9055" Pin Dia.
6	Cast Piston - Individual	93-91	W516P	Std-50-.75-1.00-1.50MM	Use w/WE-432K or WE-432X ring set; Cast; 1 -, 1.50mm Groove, 1 - 2.00mm Groove, 1 - 4.75mm Groove, 1.598 CD, Flat Head w/shallow oil ring groove for low tension oil ring - 8.5:1 C.R., 0.9055" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-432K	Std-50-.75-1.00-1.50MM	w/Shallow oil ring groove; 1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Premium Moly
1	Standard Set	93-91	E-432X	Std-50-.75-1.00-1.50MM	w/Shallow oil ring groove; 1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Iron
6	Premium Single Cylinder Set	93-91	WE-432K	Std-50-.75-1.00-1.50MM	w/Shallow oil ring groove; 1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Premium Moly
6	Premium Single Cylinder Set	93-91	WE-478K	Std-50-.75-1.00MM	Use w/W516CP .50mm piston; 2-1.50MM, 1-4.00MM; Premium Moly
6	Standard Single Cylinder Set	93-91	WE-432X .50MM	.50-.75-1.00-1.50MM	w/Shallow oil ring groove; 1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Iron
6	Standard Single Cylinder Set	93-91	WE-478X	Std-50-.75-1.00MM	Use w/W516CP .50mm piston; 2-1.50MM, 1-4.00MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	7242MA	Std-25-.50-.75-1.00MM	A-Series aluminum bearings; 3/4 grooved
1	Main Set	93-91	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.
1	Rod Set	93-91	6-4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
1	Rod Set	93-91	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	93-91	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
6	Rod Pair	93-91	4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
1	Cam Set	93-91	1492M	Std Only	Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	93-91	224-4152		3/4" inlet
1	Oil Pump	93-91	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet
1	Pump Repair Kit	93-91	224-51317		
1	Inter. Shaft	93-91	224-6148		
1	Oil Pump Shaft Guide	93-91	224-43351		Nylon
1	Screen Assy.	93-91	224-14265		3/4" inlet tube
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93-91	260-1232		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	93-91	381-8046		

GMC Truck (Incl. Minivans and SUV's)

15 (cont.)		1993 - 1991; 2.8L 173 (2835cc) OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R				15 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Steel Block Plug Kit	93-91	381-4012				
1	Brass Deep Cup Freeze Plug	93-91	381-9006	34.3mm Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3179	34.3mm Diameter			
1	Steel Shallow Cup Freeze Plug	93-91	381-2163	0.557" Diameter			
KITS							
RE-RING KIT							
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.		
93-91	Exh. pipe packing not incl.; Shallow oil ring groove set; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			205-6296	205-1296	Re-ring	
93-91	Exh. pipe packing not incl.; Shallow oil ring groove set; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			205-6296M	205-1296M	Re-ring w/Mains	
OVERHAUL KIT							
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.		
93-91	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			BK-6016	----	Block Kit w/Premium Rings	
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump			BKP-6016	----	Block Kit w/Oil Pump & Freeze Plugs	
93-91	Exh. pipe packing not incl.; Shallow oil ring groove set; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 11 links wide			MKP-6011C	MKP-1011C	Master	
93-91	Exh. pipe packing not incl.; Shallow oil ring groove set; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 11 links wide			MK-6011C	MK-1011C	Master w/o Pistons	
93-91	Exh. pipe packing not incl.; Shallow oil ring groove set; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 11 links wide			----	505-1011C	Master w/o Rods & Mains	
16		2009 - 2007; 2.9L 178.2 (2921cc) DOHC L4 (16 Valve), 95.5mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 9				16	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	09-07	V-4723	Std Only	New Part Number - Check for Availability		
8	Intake	08-07	V-4724	Std Only	New Part Number - Check for Availability		
17		1995 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code D				17	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	95-91	KT3-372S	Incl. chain 9 links wide; (1) 222-372; (1) 223-619; (1) 223-620			
1	Timing Chain	95-91	222-372	9 links wide; 64 Links			
1	Chain Damper	95-94	222-336CT				
1	Chain Damper	95-91	222-59CTN	Chain Damper w/Nylon Damper			
1	Crank Sprocket	95-91	223-619	20 Teeth			
1	Cam Sprocket	95-91	223-620	40 Teeth			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
1	Camshaft	95-91	CS-715	Hydraulic, (050) Duration at .050 Lobe Lift, 196 Exh., 178 Int., 107 Degrees			
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	95-91	HT-2095	Std Only	Hyd.		
12	Lifter, Bulk	95-91	HT-2095B	Std Only	Hyd.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION			
1	Cam/Lifter Kit	95-91	KC-715	Hyd.; (1) 55-403B; (1) CS-715; (12) HT-2095			
1	Cam/Lifter/Timing Kit	95-91	KCT-715A	Hyd.; Incl. chain 9 links wide; (1) 55-403B; (1) CS-715; (12) HT-2095; (1) KT3-372S			
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
12	Push Rod	95-91	RP-3207	Std Only	6.163" O.A.L.		
12	Push Rod, Bulk	95-91	BRP-3207	Std Only	Carton of 100; 6.163" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
12	Arm Assy.	95-91	R-881	Std Only	Adj.; Use w/MR-1883 stud; Incl. arm, ball & nut		

GMC Truck (Incl. Minivans and SUV's)

17 (cont.)	1995 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code D				17 (cont.)
VALVETRAIN					
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION
12	Arm Assy., Bulk	95-91	R-881B	Std Only	Adj.; Use w/MR-1883 stud; Incl. arm, ball & nut; Carton of 64
12	Arm	95-91	R-881A	Std Only	Adj.; Use w/MR-1883 stud
12	Rocker Arm Ball	95-91	MR-1838	Std Only	Adj.; Use w/MR-1883 stud
12	Nut	95-91	MR-1837	Std Only	Adj.; Use w/MR-1883 stud
12	Stud	95-91	MR-1883	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	95-91	V-2290	Std-15	Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.
6	Exhaust, Bulk	95-91	V-2290B 15	15	Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.
6	Intake	95-91	V-2291	Std-15	Chrome plated stem; 1.7181" Head Dia., 0.3413" Stem Dia., 4.705" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	95-91	VG-1377	Std Only	Loc. Int. & Exh.; w/Alum. heads; Incl. lock ring; Threaded; 0.3155" ID, 2.085" O.A.L.
12	Guide	95-91	VG-5080	Std Only	Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	95-91	VS-798	Std Only	Loc. Int. & Exh.; 1.91" Free Height
12	Spring, Bulk	95-91	VS-798B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.91" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	95-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber
12	Valve Stem Seal Bulk	95-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	95-91	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	95-91	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth
6	Seat	95-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth
6	Seat	95-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	95-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
24	Keeper	95-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
24	Keeper	95-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	95-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	95-91	H562CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .105 deep x 2.913 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
6	Cast Piston - Individual	95-91	WH562CP	Std-50-75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.442 CD, Recessed Head .105 deep x 2.913 dia.; DUROSHIELD® skirt coated piston, 0.9055" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	95-91	E-605K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	95-91	E-605X	Std-50-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron
6	Premium Single Cylinder Set	95-91	WE-605K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
6	Standard Single Cylinder Set	95-91	WE-605X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	95-91	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved
1	Main Set	95-91	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.
1	Rod Set	95-91	6-4020A	Std-026-25-50-75-1.00 MM	A-Series aluminum bearings
1	Rod Set	95-91	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	95-91	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
6	Rod Pair	95-91	4020A	Std-026-25-50-75-1.00 MM	A-Series aluminum bearings
1	Cam Set	95-91	1492M	Std Only	Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	95-91	224-4148		5/8" inlet
1	Oil Pump	95-91	224-4148V		High Volume, check pan for clearance; 5/8" inlet
1	Oil Pump	95-91	224-4152		3/4" inlet
1	Oil Pump	95-91	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet
1	Pump Repair Kit	95-91	224-51317		Exc. High Volume
1	Inter. Shaft	95-91	224-6148		
1	Oil Pump Shaft Guide	95-91	224-43351		Nylon
1	Screen Assy.	95-91	224-14271		2nd Design; 3/4" inlet
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	95-91	260-1466		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION

GMC Truck (Incl. Minivans and SUV's)

17 (cont.)		1995 - 1991; 3.1L 189 (3136cc) OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code D				17 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8085				
1	Brass Deep Cup Freeze Plug	95-91	381-9006		34.3mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6184	205-1184	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6184M	205-1184M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-91	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; Incl. chain 9 links wide			Master	MKP-6379	----	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. chain 9 links wide			Master w/o Pistons	MK-6379	----	
95-91	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			Master w/o Rods & Mains	505-6379	----	
95-91	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6017	----	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump			Block Kit w/Oil Pump & Freeze Plugs	BKP-6017	----	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump			Block Kit w/Oil Pump & Freeze Plugs	BKP-6018	----	
95-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.; Incl. chain 9 links wide			Master	MKP-6184A	MKP-1184A	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.			Master	MKP-6184B	MKP-1184B	
95-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.; Incl. chain 9 links wide			Master w/o Pistons	MK-6184A	MK-1184A	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master w/o Pistons	MK-6184B	MK-1184B	
95-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. chain 9 links wide			Master w/o Rods & Mains	505-6184A	505-1184A	
95-91	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. chain 9 links wide			Master w/o Rods & Mains	505-6184B	505-1184B	
18 2008 - 2004; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 9 18							
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	05-04	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	05-04	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
6	Push Rod	05-04	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	05-04	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	05-04	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	05-04	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	05-04	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.		
6	Intake	05-04	V-4571	Std Only	Chrome plated stem; 1.76" Head Dia., 0.3139" Stem Dia., 4.684" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	05-04	VS-1642	Std Only	Loc. Int. & Exh.; Conical design; 1.94" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	05-04	VK-291	Std Only	Loc. Int. & Exh.; 1 groove		

GMC Truck (Incl. Minivans and SUV's)

18 (cont.)	2008 - 2004; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 9					18 (cont.)
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	04	H847CP	Std-50-75-1.00MM	Use w/E-918K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.	
6	Cast Piston - Individual	04	WH847CP	Std-50-75-1.00MM	Use w/WE-918K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-04	E-918K	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly	
6	Premium Single Cylinder Set	05-04	WE-918K 50MM	50-75MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Head Bolt Set	08-04	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability	
19 2005 - 1996; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E 19						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	05-00	KT3-700S		LA1 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	99-96	KT3-385S		(1) 222-385; (1) 223-619; (1) 223-756	
1	Timing Chain	99-96	222-385		64 Links	
1	Chain Damper	05-04	222-336CT			
1	Chain Damper	01-96	222-336CT			
1	Crank Sprocket	99-96	223-619		20 Teeth	
1	Cam Sprocket	99-96	223-756		40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	99-96	CS-1569		Hydraulic, (050) Duration at .050 Lobe Lift, 196 Exh., 195 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	05-96	HT-2270	Std Only	Hyd. rlr.	
12	Lifter, Bulk	05-96	HT-2270B	Std Only	Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	99-96	KC-1569		Hyd. rlr.; (1) 55-403B; (1) CS-1569; (12) HT-2270	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
6	Push Rod	05-96	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.	
6	Push Rod	05-96	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.	
6	Push Rod, Bulk	05-96	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.	
6	Push Rod, Bulk	05-96	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	05-96	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.	
6	Intake	05-96	V-4571	Std Only	Chrome plated stem; 1.76" Head Dia., 0.3139" Stem Dia., 4.684" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	05-96	VS-1642	Std Only	Loc. Int. & Exh.; Conical design; 1.94" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	99-96	ST-2128	Std Only	Positive type; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	05-96	VK-291	Std Only	Loc. Int. & Exh.; 1 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	04-96	H847CP	Std-50-75-1.00MM	Use w/E-918K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.	
6	Cast Piston - Individual	04-96	WH847CP	Std-50-75-1.00MM	Use w/WE-918K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-96	E-918K	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly	
6	Premium Single Cylinder Set	05-96	WE-918K 50MM	50-75MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-96	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved	
1	Rod Set	05-96	6-4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
1	Rod Set	05-96	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	03-96	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	

GMC Truck (Incl. Minivans and SUV's)

19 (cont.)		2005 - 1996; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				19 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Rod Pair	05-96	4020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings		
1	Cam Set	03-96	1492M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	03-96	224-4152		3/4" inlet		
1	Oil Pump	03-96	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet		
1	Pump Repair Kit	03-96	224-51317				
1	Inter. Shaft	03-96	224-6148				
1	Oil Pump Shaft Guide	03-96	224-43351		Nylon		
1	Screen Assy.	03-96	224-14278				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	03-00	260-1872		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-00	260-1872T		Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99-96	260-1873		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99-96	260-1873T		Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	05-96	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability		
KITS							
RE-RING KIT						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6915	----
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6916	----
99-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6913	----
99-96	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6914	----
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains		205-6915M	----
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains		205-6916M	----
99-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains		205-6913M	----
99-96	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Re-ring w/Mains		205-6914M	----
OVERHAUL KIT						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
03-00	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings		BK-6034	----
03-00	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings		BK-6035	----
99-96	Head bolts not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings		BK-6032	----
99-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings		BK-6033	----
20		2009 - 2004; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code F				20	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	08-05	KT3-700S		Incl. Cam, Crank, Chain		

GMC Truck (Incl. Minivans and SUV's)

20 (cont.)	2009 - 2004; 3.4L 207 (3393cc) OHV V6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code F					20 (cont.)
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Chain Damper	09-07	222-336CT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	05-04	HT-2270	Std Only	Hyd. rlr.	
12	Lifter, Bulk	05-04	HT-2270B	Std Only	Hyd. rlr.; Carton of 128	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
6	Push Rod	05-04	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.	
6	Push Rod	05-04	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.	
6	Push Rod, Bulk	05-04	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.	
6	Push Rod, Bulk	05-04	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	05-04	V-4497	Std Only	Chrome plated stem; .189" Tip to groove; 1.425" Head Dia., 0.3132" Stem Dia., 4.736" O.A.L.	
6	Intake	05-04	V-4571	Std Only	Chrome plated stem; 1.76" Head Dia., 0.3139" Stem Dia., 4.684" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	05-04	VS-1642	Std Only	Loc. Int. & Exh.; Conical design; 1.94" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	05-04	VK-291	Std Only	Loc. Int. & Exh.; 1 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	04	H847CP	Std-50-75-1.00MM	Use w/E-918K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.	
6	Cast Piston - Individual	04	WH847CP	Std-50-75-1.00MM	Use w/WE-918K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 4.00mm Groove, 1.478 CD, Recessed Head .275 deep x 3.180 dia.; DUROSHIELD® skirt coated piston, 0.9059" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-04	E-918K	Std-50-75-1.00MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly	
6	Premium Single Cylinder Set	05-04	WE-918K 50MM	50-75MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04	7242MA	Std-25-50-75-1.00MM	A-Series aluminum bearings; 3/4 grooved	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Head Bolt Set	08-04	260-2537	Std Only	Replacement recommended; New Part Number - Check for Availability	
21	2006 - 2004; 3.5L 211 (3460cc) DOHC L5 (20 Valve), 93mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 6					21
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
20	Lifter	06-04	HT-2307	Std Only		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
10	Arm	06-04	R-1140	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	06-04	V-4676	Std Only		
10	Intake	06-04	V-4675	Std Only		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
20	Guide	06-04	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
5	Cast Piston	06-04	H889CP	Std-25-50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.098 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston, 23.007mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	06-04	E-969K	Std-25-50MM	2-1.2mm, 1-2.5mm; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	06-04	6-4925P	Std-10-20		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	06-04	224-53582			
22	2007 - 2004; 3.5L 212 (3471cc) SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; VIN Code 4, Eng. Code J35A4					22
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	05-04	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.	
12	Intake	05-04	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.	

GMC Truck (Incl. Minivans and SUV's)

22 (cont.)		2007 - 2004; 3.5L 212 (3471cc) SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; VIN Code 4, Eng. Code J35A4				22 (cont.)	
BLOCK							
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	07-04	260-1953	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
23		2007 - 2006; 3.5L 213 (3491cc) OHV V6 (12 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				23	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	07-06	KT3-700S	Incl. Cam, Crank, Chain			
1	Chain Damper	06	222-336CT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
12	Lifter	06	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	06	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
6	Push Rod	07-06	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	07-06	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	07-06	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	07-06	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
3	Exhaust	06	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.		
3	Intake	06	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
24	Keeper	06	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
6	Pin Bushing	06	4994Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	06	7426MA	Std-.25MM	w/o Variable Cam Timing		
1	Main Set	06	7426MA	Std-.25MM			
1	Rod Set	06	6-4990A	Std-.25MM			
1	Cam Set	07-06	1922M	Std Only	New Part Number - Check for Availability		
24		2006 - 2005; 3.5L 213 (3491cc) OHV V6 (12 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code L				24	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	06-05	KT3-700S	Incl. Cam, Crank, Chain			
1	Chain Damper	06-05	222-336CT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
12	Lifter	06-05	HT-2270	Std Only	Hyd. rlr.		
12	Lifter, Bulk	06-05	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION			
6	Push Rod	06-05	RP-3330	Std Only	Loc. Int.; 5.746" O.A.L.		
6	Push Rod	06-05	RP-3331	Std Only	Loc. Exh.; 6.074" O.A.L.		
6	Push Rod, Bulk	06-05	BRP-3330	Std Only	Loc. Int.; Carton of 100; 5.746" O.A.L.		
6	Push Rod, Bulk	06-05	BRP-3331	Std Only	Loc. Exh.; Carton of 100; 6.074" O.A.L.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
6	Exhaust	06-05	V-4721	Std Only	Chrome plated stem; 1.4250" Head Dia., 0.3132" Stem Dia., 4.7570" O.A.L.		
6	Intake	06-05	V-4720	Std Only	Chrome plated stem; 1.7600" Head Dia., 0.3138" Stem Dia., 4.6840" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
24	Keeper	06-05	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
6	Pin Bushing	06-05	4994Y				
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	05	E-918K	Std-.50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly		
6	Premium Single Cylinder Set	05	WE-918K 50MM	50-75MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	06-05	7426MA	Std-.25MM	w/o Variable Cam Timing		
1	Rod Set	06-05	6-4990A	Std-.25MM			
1	Cam Set	06-05	1922M	Std Only	New Part Number - Check for Availability		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	06-05	224-4152	3/4" inlet			
1	Screen Assy.	06-05	224-14278				

GMC Truck (Incl. Minivans and SUV's)

25	2009 - 2008; 3.5L 214 (3510cc) OHV V6 (12 Valve), 99mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code N				25
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
12	Lifter	08	HT-2270	Std Only	Hyd. rlr.
12	Lifter, Bulk	08	HT-2270B	Std Only	Hyd. rlr.; Carton of 128
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	09-08	7242MA	Std-25-50-75-1.00MM	w/Variable Cam Timing; A-Series aluminum bearingsseries aluminum bearings; 3/4 grooved
26	2009 - 2004; 3.6L 217 (3564cc) DOHC V6 (24 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code 7				26
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Chain Tensioner	05-04	222-366CT		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	09-04	HT-2307	Std Only	
27	2009; 3.6L 217 (3564cc) DOHC V6 (24 Valve), 94mm Bore; DI; Gasoline; Naturally Aspirated Opel Eng.; VIN Code D				27
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	09	HT-2307	Std Only	
28	2009 - 2007; 3.7L 223 (3654cc) DOHC L5 (20 Valve), 95.5mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code E				28
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
20	Lifter	09-07	HT-2307	Std Only	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
10	Exhaust	09-07	V-4723	Std Only	New Part Number - Check for Availability
10	Intake	08-07	V-4724	Std Only	New Part Number - Check for Availability
29	1995 - 1992; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code L				29
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	95	KT3-381SA1		(1) 222-381A; (1) 223-810; (1) 223-811
1	3 Piece Set	94-92	KT3-381S		(1) 222-375; (1) 223-716; (1) 223-729
1	Timing Chain	95	222-381A		64 Links
1	Timing Chain	94-92	222-375		54 Links
1	Timing Chain Tensioner	95-92	222-175CT		w/Chamfered mounting hole
1	Timing Chain Tensioner	95-92	222-295CT		w/Counter bored mounting hole
1	Chain Damper	95	222-344GP		
1	Crank Sprocket	95	223-811		24 teeth; 24 Teeth
1	Crank Sprocket	94-92	223-729		20 Teeth
1	Cam Sprocket	95	223-810		48 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	95-92	CS-1506		Hydraulic, (050) Duration at .050 Lobe Lift, 191 Exh., 181 Int., 112 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	95-92	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
12	Lifter, Bulk	95-92	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	95-92	KC-1506		Hyd. rlr.; (1) 55-403B; (1) CS-1506; (12) HT-2148
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	95-92	RP-3285	Std Only	7.965" O.A.L.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	95-92	V-3915	Std-15	Chrome plated stem; 1.487" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Exhaust, Bulk	95-92	V-3915B 15	15	Chrome plated stem; Carton of 25; 1.487" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
6	Intake	95-92	V-3916	Std-15	Chrome plated stem; 1.71" Head Dia., 0.3405" Stem Dia., 4.727" O.A.L.
6	Intake, Bulk	95-92	V-3916B 15	15	Chrome plated stem; Carton of 25; 1.71" Head Dia., 0.3555" Stem Dia., 4.727" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	95-92	VG-5006	Std Only	Loc. Int. & Exh.; 0.344" ID, 2.375" O.A.L.
12	Guide	95-92	VG-5006T	Std Only	Loc. Int. & Exh.; Threaded; 0.3425" ID, 2.38" O.A.L.

GMC Truck (Incl. Minivans and SUV's)

29 (cont.)		1995 - 1992; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated				29 (cont.)	
GMC Eng.; Buick; VIN Code L							
VALVETRAIN							
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Guide, Bulk	95-92	VG-5006B	Std Only	Loc. Int. & Exh.; Carton of 50; 0.344" ID, 2.375" O.A.L		
12	Guide, Bulk	95-92	VG-5006TB	Std Only	Loc. Int. & Exh.; Threaded; Carton of 100; 0.3425" ID, 2.38" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	95-93	VS-924	Std Only	Loc. Int. & Exh.; 2.11" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	94-92	ST-2001	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE		
12	Valve Stem Seal	94-92	MV-1888A	Std Only	Positive type; (VTN) Viton®		
12	Valve Stem Seal Bulk	94-92	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®		
12	Valve Stem Seal Bulk	94-92	ST-2001BC	Std Only	Loc. Int. & Exh.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	95-92	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth		
6	Seat	95-92	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth		
6	Seat	94-92	245-1562-2	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.248" Depth		
6	Seat	94-92	245-1562-2N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.248" Depth		
6	Seat	94-92	245-1812-3	Std Only	Loc. Int.; 1.8175" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	95-92	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
24	Keeper	95-92	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
24	Keeper	95-92	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
24	Keeper, Bulk	95-92	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
12	Spring Insert	94-92	259-201A	Std Only	.060"; Carton of 100		
12	Spring Insert	94-92	259-201ARS	Std Only	.060"; Carton of 500		
12	Spring Insert	94-92	259-201B	Std Only	.030"; Carton of 100		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	95-93	H622P	Std-50-.75-1.00MM	Use w/E-643K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.444 CD, Recessed Head .315 deep x 2.205 dia., 0.9054" Pin Dia.		
6	Cast Piston	92	H558P	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .260 deep x 3.050 dia. - 8.5:1 C.R., 0.9054" Pin Dia.		
6	Cast Piston - Individual	95-93	WH622P	Std-50-.75-1.00MM	Use w/WE-643K ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.444 CD, Recessed Head .315 deep x 2.205 dia., 0.9054" Pin Dia.		
6	Cast Piston - Individual	92	WH558P	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.377 CD, Recessed Head .260 deep x 3.050 dia. - 8.5:1 C.R., 0.9054" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-93	E-643K	Std-20-30-40	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	92	E-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly		
1	Standard Set	92	E-532X	Std Only	2-1.50MM, 1-3.00MM; Iron		
6	Premium Single Cylinder Set	95-93	WE-643K	Std-20	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly		
6	Premium Single Cylinder Set	92	WE-532K 20	20-30	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95	7288MA	Std-10-20-30	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap		
1	Main Set	95	7397MA 10	10	A-Series aluminum bearings; .020" O/S length flange brg.		
1	Main Set	95	7441MA 10	10	w/.020" O/S length flange brg.; A-Series aluminum bearings;		
1	Main Set	94	7277MA	Std-10	A-Series aluminum bearings; w/7/16" main bolt; Powdered metal main cap		
1	Main Set	93-92	7144MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	95-92	6-3760A	Std-1-10-20-30-40	A-Series aluminum bearings; .721" O.A.L.		
1	Rod Set	95-92	6-3760A 10X2	10X2-20X2-30X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; .721" O.A.L.		
6	Rod Pair	95-92	3760A	Std-1-10-20-30	A-Series aluminum bearings; .721" O.A.L.		
1	Cam Set	95-92	1755M	Std Only	Babbitt material		
1	Balance Shaft Bearing	95	3204DR	Std Only	Loc. Rear		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	95	224-53580				
1	Pump Repair Kit	94-92	224-51379				
1	Screen Assy.	95-92	224-14280				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95	260-1740		Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1566		Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		

GMC Truck (Incl. Minivans and SUV's)

29 (cont.)	1995 - 1992; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code L				29 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	92	260-1566	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	95-92	260-2533	Std Only	Replacement required
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	95-92	381-8073		
1	Brass Deep Cup Freeze Plug	95-92	381-9007	1.125" Diameter	
1	Steel Shallow Cup Freeze Plug	95-92	381-2189	15mm Diameter	
1	Steel Shallow Cup Freeze Plug	95-92	381-2196	1.953" Diameter	
KITS					
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
95-95	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Re-ring 205-6414	----
94-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Re-ring 205-6354	----
95-95	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.; w/7/16" main bolt; Powdered metal main cap incl.			Re-ring w/Mains 205-6414M	----
94-94	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/7/16" main bolt; Nodular iron main cap incl.			Re-ring w/Mains 205-6355M	----
93-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains 205-6354M	----
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/.721" O.A.L. brgs.			Re-ring 205-6415	205-1415
92-92	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs. PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains 205-6415M	205-1415M
OVERHAUL KIT				PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION				
92-92	Exh. pipe packing not incl.; Cam sprocket w/1 bolt camshaft mounting; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			Master w/o Pistons MK-6405A	----
94-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains 505-6354A	----
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Oil pump & cam kit not incl.			Master w/o Rods & Mains 505-6222A	----
92-92	Exh. pipe packing not incl.; Cam sprocket w/1 bolt camshaft mounting; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Freeze plugs not incl.			Master w/o Rods & Mains 505-6382A	----
94-94	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/7/16" main bolt; Nodular iron main cap			Master MKP-6355A	----
93-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Master MKP-6354A	----
92-92	Exh. pipe packing not incl.; Cam sprocket w/1 bolt camshaft mounting; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			Master MKP-6405A	----
94-94	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; w/7/16" main bolt; Nodular iron main cap			Master w/o Pistons MK-6355A	----
93-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Master w/o Pistons MK-6354A	----
95-95	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Powdered metal main cap; w/.721" O.A.L. brgs.			Block Kit w/Premium Rings BK-6039	----

GMC Truck (Incl. Minivans and SUV's)

29 (cont.)		1995 - 1992; 3.8L 231 OHV V6 (12 Valve), 3.8" Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Buick; VIN Code L				29 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
94-94	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/7/16" main bolt; w/Nodular iron main cap; w/.721" O.A.L. brgs.			Block Kit w/Premium Rings	BK-6038	----	
93-93	Exh. pipe packing not incl.; Upper int. manifold gskts. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			Block Kit w/Premium Rings	BK-6037	----	
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.721" O.A.L. brgs.			Block Kit w/Premium Rings	BK-6036	----	
30		1998 - 1995; 3.9L 235.3 (3856cc) OHV Turbo - Intercooled L4 (8 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Isuzu Eng.; Eng. Code 4BD2-TC				30	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Thrust Washer Set	98-95	3952BF	Std Only			
2	Rod Set	98-95	2-3950CP	Std-25-.50MM			
31		1994 - 1991; 3.9L 235.3 (3856cc) OHV Turbo L4 (8 Valve), 102mm Bore; DI; Diesel; Turbo Isuzu Eng.; Eng. Code 4BD1-T				31	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Thrust Washer Set	94-91	3952BF	Std Only			
2	Rod Set	94-91	2-3950CP	Std-25-.50MM			
32		1991; 3.9L 239 (3921cc) OHV Turbo - Aftercooled L4 (8 Valve), 102mm Bore; MFI; Diesel; Turbo - Aftercooled Cummins Eng.; VIN Code L, Eng. Code 4BTA3.9				32	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	91	V-4345	Std-15	Use for Int.; Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.		
6	Exhaust	91	V-4384	Std Only	Chrome plated stem; 1.654" Head Dia., 0.3138" Stem Dia., 5.081" O.A.L.		
6	Exhaust, Bulk	91	V-4345B 15	15	Use for Int.; Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	91	VG-1325	Std Only	Loc. Int. & Exh.; 7/16" OD; 0.3162" ID, 2.5" O.A.L.		
6	Guide	91	VG-1330	Std Only	Loc. Int.; 0.316" ID, 2.397" O.A.L.		
6	Guide	91	VG-1331	Std Only	Loc. Exh.; 0.316" ID, 2.052" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	91	ST-2043	Std Only	Loc. Int. & Exh.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	91	245-1722-E1	Std Only	Loc. Exh.; 1.722" OD, 1.357" ID, 0.265" Depth		
6	Seat	91	245-1750-7	Std Only	Loc. Exh.; Universal size for heads w/o O.E. insert; 1.75" OD, 1.375" ID, 0.2188" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	91	4-4205CP	Std-25MM			
4	Rod Pair	91	4205CP	Std-25-.50-.75MM			
33		2009 - 2006; 3.9L 242 (3880cc) OHV V6 (12 Valve), 99mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 1				33	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	09-06	V-4713	Std Only	Chrome plated stem; 1.5230" Head Dia., 0.3135" Stem Dia., 4.8030" O.A.L.		
6	Intake	09-06	V-4712	Std Only	Chrome plated stem; 1.8700" Head Dia., 0.3136" Stem Dia., 4.8350" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Pin Bushing	06	4994Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	09-06	7242MA	Std-25-.50-.75-1.00MM	w/Variable Cam Timing; A-Series aluminum bearings series aluminum bearings; 3/4 grooved		
1	Rod Set	06	6-4990A	Std-25MM			

GMC Truck (Incl. Minivans and SUV's)

34		2009 - 2002; 4.2L 254 (4160cc) DOHC L6 (24 Valve), 93mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S				34
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	09-04	HT-2307	Std Only		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	09-02	R-1140	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	09-06	V-4723	Std Only	New Part Number - Check for Availability	
12	Exhaust	05-02	V-4676	Std Only		
12	Intake	09-06	V-4724	Std Only	New Part Number - Check for Availability	
12	Intake	05-02	V-4675	Std Only		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	09-02	VG-1387T	Std Only	Threaded; 0.2355" ID, 1.735" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	06-02	H889CP	Std-.25-.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.098 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston, 23.007mm Pin Dia.	
6	Pin Bushing	06-02	4924Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-02	E-969K	Std-.25-.50MM	2-1.2mm, 1-2.5mm; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	09-02	7409M	Std-10-20-30		
1	Rod Set	06-02	6-4925P	Std-10-20		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	09-02	224-53582			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	08-06	260-1967		2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	05	260-1966		1st Design; Balancer w/o step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	05	260-1992		2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1965		1st Design; Balancer w/o step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1991		2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03-02	260-1964		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
35		1993 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; MFI; Gasoline; Turbo - Intercooled GMC Eng.; Chevrolet; VIN Code Z				35
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	93-91	KT3-4SR46A		w/o Balance shaft; .280" tooth width sprocket; (1) 222-4SR46; (1) 223-645; (1) 223-784	
1	3 Piece Set	92-91	KT3-499SA6		w/.405" tooth width sprocket; (1) 222-499; (1) 223-505; (1) 223-732T	
1	Timing Chain	93-91	222-499		Use w/.405" tooth width sprocket; 46 Links	
1	Timing Chain	93-91	222-4SR46		w/o Balance shaft; Use w/.280" tooth width sprocket; 46 Links	
1	Crank Sprocket	93	223-645		.280" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	93-91	223-391		Powdered metal; .405" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	93-91	223-505		Steel; .405" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	92-91	223-645		w/o Balance shaft; .280" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	93-91	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	93-91	CS-783		Hydraulic, (050) Duration at .050 Lobe Lift, 195 Exh., 179 Int., 110 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
12	Lifter	93-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
12	Lifter, Bulk	93-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	93-91	KC-783		Hyd. rlr.; (1) 55-403B; (1) CS-783; (12) HT-2148	
1	Cam/Lifter/Timing Kit	93-91	KCT-783A		Hyd. rlr.; (1) 55-403B; (1) CS-783; (12) HT-2148; (1) KT3-499SA3	

GMC Truck (Incl. Minivans and SUV's)

35 (cont.)		1993 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; MFI; Gasoline; Turbo - Intercooled GMC Eng.; Chevrolet; VIN Code Z				35 (cont.)	
VALVETRAIN							
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	93-91	RP-3262	Std Only	7.192" O.A.L.		
12	Push Rod, Bulk	93-91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	93-91	V-1988X	Std-3-15	1 groove; Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.		
6	Exhaust, Bulk	93-91	V-1988XB	Std-15	1 groove; Chrome plated stem; Stellite face; Carton of 25; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.		
6	Intake	93-91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.		
6	Intake	93-91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.		
6	Intake, Bulk	93-91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	93-91	VS-677	Std Only	Incl. damper; 2.03" Free Height		
12	Spring, Bulk	93-91	VS-677B	Std Only	Incl. damper; Carton of 250; 2.03" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	93-91	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber		
6	Valve Stem Seal	93-91	MV-1888C	Std Only	Loc. Int.; Positive type; (VTN) Viton®		
12	Valve Stem Seal Bulk	93-91	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber		
6	Valve Stem Seal Bulk	93-91	MV-1888	Std Only	Loc. Int.; Positive type; Carton of 50; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	93-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
6	Seat	93-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
6	Seat	93-91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
24	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
24	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
24	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
6	Rotocap	93-91	RC-157S	Std Only	Loc. Exh.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	5085M	Std-1-10-20-30-40			
1	Main Set	93-91	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings		
1	Main Set	93-91	6687M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	93-91	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD		
1	Rod Set	93-91	6-1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Rod Set	93-91	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	93-91	6-1020CP	Std-.026-.25-.50-.75-1.00 MM			
6	Rod Pair	93-91	1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
6	Rod Pair	93-91	1020CP	Std-.026-.25-.50-.75-1.00 MM			
1	Cam Set	93-91	1463M	Std-1	Babbitt material; Full round design		
1	Cam Set	93-91	1791M	Std Only	O.E. split type design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-4146		5/8" inlet		
1	Oil Pump	93-91	224-4146A		High Pressure; 5/8" inlet		
1	Oil Pump	93-91	224-43469		3/4" inlet; w/nylon shaft guide		
1	Oil Pump	93-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide		
1	Inter. Shaft	93-91	224-6146		Use w/nylon shaft guide		
1	Inter. Shaft	93-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide		
1	Oil Pump Shaft Guide	93-91	224-43343		Nylon		
1	Screen Assy.	93-91	224-14261		AWD; 3/4" inlet tube		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	93-91	381-8058				
1	Brass Deep Cup Freeze Plug	93-91	381-9001		1.625" Diameter		
1	Steel Deep Cup Freeze Plug	93-91	381-3178		16.5mm Diameter		
1	Steel Deep Cup Freeze Plug	93-91	381-3193		12mm Diameter		
1	Steel Shallow Cup Freeze Plug	93-91	381-2150		2.094" Diameter		
36		1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				36	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	96-92	KT3-499SA4		w/Balance shaft; (1) 222-499; (1) 223-505; (1) 223-776		

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)	1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				36 (cont.)
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	96-91	KT3-499SA6		w/o Balance shaft; w/.405" tooth width sprocket; (1) 222-499; (1) 223-505; (1) 223-732T
1	Gear Set	96-92	221-2555S		Bal. shaft set
1	Timing Chain	96-91	222-499		Use w/.405" tooth width sprocket; 46 Links
1	Crank Sprocket	96-91	223-505		Steel; .405" tooth width sprocket; 18 Teeth
1	Crank Sprocket	94-91	223-391		Powdered metal; .405" tooth width sprocket; 18 Teeth
1	Cam Sprocket	96-95	223-732T		w/o Balance shaft; Hardened; .405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	96-93	223-776		36 teeth; 36 Teeth
1	Cam Sprocket	94	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	94	223-732T		w/o Balance shaft; Hardened; .405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	94	223-776		w/Balance shaft; 36 teeth; 36 Teeth
1	Cam Sprocket	93	223-776		w/Balance shaft; 36 teeth; 36 Teeth
1	Cam Sprocket	93-92	223-732T		w/o Balance shaft; Hardened; .405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	92	223-776		w/Balance shaft; 36 teeth; 36 Teeth
1	Cam Sprocket	91	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	95-93	CS-1538		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 193 Exh., 183 Int., 111 Degrees Lobe Separation
1	Camshaft	92-91	CS-783		Hydraulic, (050) Duration at .050 Lobe Lift, 195 Exh., 179 Int., 110 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	96-91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
12	Lifter, Bulk	96-91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	95-93	KC-1538		Hyd. rlr.; (1) 55-403B; (1) CS-1538; (12) HT-2148
1	Cam/Lifter Kit	92-91	KC-783		Hyd. rlr.; (1) 55-403B; (1) CS-783; (12) HT-2148
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
12	Push Rod	96	RP-3348	Std Only	7.187" O.A.L.
12	Push Rod	95-91	RP-3262	Std Only	7.192" O.A.L.
12	Push Rod, Bulk	95-91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
12	Arm Assy.	96-92	R-1121	Std Only	Incl. arm, ball & nut; Non-Adj.; w/metric threads
12	Arm Assy.	96-91	R-973	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut
12	Arm Assy., Bulk	96-91	R-973B	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut; Carton of 64
12	Arm	96-91	R-973A	Std Only	Adj.; w/standard threads
12	Rocker Arm Ball	96-92	MR-1946	Std Only	Non-Adj.; w/metric threads
12	Rocker Arm Ball	96-91	MR-1783	Std Only	Adj.; w/standard threads
12	Nut	96-92	MR-1947	Std Only	10 x 1.25 threads
12	Nut	96-91	MR-1751	Std Only	Adj.; w/standard threads; Self-locking, 3/8" x 24 threads
12	Nut	95-92	MR-1937	Std Only	Non-Adj.
12	Stud	96-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
12	Stud	96-91	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	95-91	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
6	Exhaust	95-91	V-1988X	Std-3-15	1 groove; Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.
6	Exhaust, Bulk	95-91	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
6	Exhaust, Bulk	95-91	V-1988XB	Std-15	1 groove; Chrome plated stem; Stellite face; Carton of 25; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.
6	Intake	95-91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
6	Intake	95-91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.
6	Intake, Bulk	95-91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
6	Guide	96-91	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L.
6	Guide	96-91	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L.
6	Guide	96-91	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.
6	Guide	94-91	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L.
6	Guide, Bulk	96-91	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.
6	Guide, Bulk	96-91	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.
6	Guide, Bulk	94-91	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	95-91	VS-677	Std Only	Incl. damper; 2.03" Free Height
12	Spring, Bulk	95-91	VS-677B	Std Only	Incl. damper; Carton of 250; 2.03" Free Height

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)		1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated				36 (cont.)	
GMC Eng.; Chevrolet; VIN Code Z							
VALVETRAIN							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	94-91	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber		
12	Valve Stem Seal	94-91	MV-1888C	Std Only	Positive type; (VTN) Viton®		
12	Valve Stem Seal	94-91	MV-1921	Std Only	Umbrella type; (NYL) Nylon		
12	Valve Stem Seal Bulk	94-91	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber		
12	Valve Stem Seal Bulk	94-91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®		
12	Valve Stem Seal Bulk	94-91	MV-1921B	Std Only	Umbrella type; Carton of 100; (NYL) Nylon		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	96-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
6	Seat	96-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
6	Seat	95-91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	96-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
24	Keeper	96-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
24	Keeper	96-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
24	Keeper, Bulk	96-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
6	Rotocap	95-91	RC-157S	Std Only	Loc. Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	96	H640ACP	Std-20-30-40-60	Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability		
6	Cast Piston	96	H854P	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H640ACP		
6	Cast Piston	95-94	640P	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H640ACP		
6	Cast Piston	95-94	640P 20	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.		
6	Cast Piston	95-94	H640ACP	Std-20-30-40-60	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability		
6	Cast Piston	95-94	H728P	Std-20-30-40-60	w/NA4 Emis.; Use w/E-459K or E-459X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.		
6	Cast Piston	95-94	H824CP 20	20-40-60	w/NA4 Emis.; Use w/E-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.		
6	Cast Piston	93-91	640P	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H640ACP		
6	Cast Piston	93-91	640P 20	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.		
6	Cast Piston	93-91	H640ACP	Std-20-30-40-60	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability		
6	Cast Piston	93-91	H728P	Std-20-30-40-60	w/NA4 Emis.; Use w/E-459K or E-459X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.		
6	Cast Piston	93-91	H824CP 20	20-40-60	w/NA4 Emis.; Use w/E-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.		
6	Cast Piston	91	645P 20	20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Flat Head w/4 valve reliefs, 0.9275" Pin Dia.		

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)	1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				36 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	91	H645ACP 20	20-30-40	Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	91	H645ACP 20	20-30-40	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston - Individual	96	WH640ACP	Std-20-30	Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston - Individual	96	WH854P	Std-20-30-40	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/WE-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP
6	Cast Piston - Individual	95-94	W640P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP
6	Cast Piston - Individual	95-94	W640P 20	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.
6	Cast Piston - Individual	95-94	WH640ACP	Std-20-30	w/NA4 Emis.; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston - Individual	95-94	WH695P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/deep oil ring groove, 0.9275" Pin Dia.; Superseded - When depleted use WH728P
6	Cast Piston - Individual	95-94	WH728P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.
6	Cast Piston - Individual	93-91	W640P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP
6	Cast Piston - Individual	93-91	W640P 20	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.
6	Cast Piston - Individual	93-91	WH640ACP	Std-20-30	w/NA4 Emis.; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston - Individual	93-91	WH695P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/deep oil ring groove, 0.9275" Pin Dia.; Superseded - When depleted use WH728P
6	Cast Piston - Individual	93-91	WH728P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	96	E-229K	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	96	E-920K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	95-91	E-229K	Std-20-30-40-60	Use w/640P, 645P, H645NCP or H695P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-91	E-459K	Std-20-30-40-60	.190" deep oil ring groove; Use w/H728P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-91	E-628K	Std-20-30-40	.155" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
1	Standard Set	96	E-229X	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-91	E-229X	Std-20-30-40-60	Use w/640P, 645P, H645NCP or H695P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-91	E-459X	Std-20-30-40-60	.190" deep oil ring groove; Use w/H728P piston; 2-5/64, 1-3/16; Iron
6	Premium Single Cylinder Set	96	WE-229K	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Premium Moly
6	Premium Single Cylinder Set	96	WE-920K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	95-91	WE-628K	Std Only	.155" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)		1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated				36 (cont.)
GMC Eng.; Chevrolet; VIN Code Z						
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Standard Single Cylinder Set	96	WE-229X	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	5085M	Std-1-10-20-30-40		
1	Main Set	96-91	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	96-91	6687M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	96-91	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD	
1	Rod Set	96-91	6-1020A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
1	Rod Set	96-91	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	96-91	6-1020CP	Std.-026-.25-.50-.75-1.00 MM		
1	Rod Set	96-91	6-7085CH	Std-1-10	Race Performance	
6	Rod Pair	96-91	1020A	Std.-026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
6	Rod Pair	96-91	1020CP	Std.-026-.25-.50-.75-1.00 MM		
1	Cam Set	96-92	1855M	Std-1	Engs. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design	
1	Cam Set	96-91	1463M	Std-1	Exc. Engs. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design	
1	Cam Set	96-91	1791M	Std Only	Exc. Engs. w/"T" before the I.D. No. located on front of block; O.E. split type design	
1	Balance Shaft Bearing	96-93	3204DR	Std Only	Loc. Rear	
1	Balance Shaft Bearing	92	3204DR	Std Only	Loc. Rear; Will not replace needle brg. used in early 1992 Engs.	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	96-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Oil Pump	96-91	224-43469		3/4" inlet; w/nylon shaft guide	
1	Oil Pump	96-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Oil Pump	94-91	224-4146		5/8" inlet	
1	Oil Pump	94-91	224-4146A		High Pressure; 5/8" inlet	
1	Inter. Shaft	96-91	224-6146		Use w/nylon shaft guide	
1	Inter. Shaft	96-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	96-91	224-43343		Nylon	
1	Screen Assy.	93	224-14259		AWD; 5/8" inlet tube	
1	Screen Assy.	93	224-14259		4WD; 5/8" inlet tube	
1	Screen Assy.	93	224-14261		RWD; 3/4" inlet tube	
1	Screen Assy.	93	224-14261		3/4" inlet tube	
1	Screen Assy.	93	224-14262		RWD; 5/8" inlet tube	
1	Screen Assy.	92	224-1346		RWD; 5/8" inlet tube	
1	Screen Assy.	92	224-1346		5/8" inlet tube	
1	Screen Assy.	92	224-14259		4WD; 5/8" inlet tube	
1	Screen Assy.	92	224-14262		RWD; 5/8" inlet tube	
1	Screen Assy.	92-91	224-14259		AWD; 5/8" inlet tube	
1	Screen Assy.	91	224-1346		5/8" inlet tube	
1	Screen Assy.	91	224-14259		4WD; 5/8" inlet tube	
1	Screen Assy.	91	224-14262		RWD; 5/8" inlet tube	
1	Screen Assy.	96	224-14261		3/4" inlet tube	
1	Screen Assy.	95	224-14260		4WD; 3/4" inlet tube	
1	Screen Assy.	95	224-14261		3/4" inlet tube	
1	Screen Assy.	95	224-14263		RWD; 3/4" inlet tube	
1	Screen Assy.	94	224-1346		RWD; 5/8" inlet tube	
1	Screen Assy.	94	224-1346		5/8" inlet tube	
1	Screen Assy.	94	224-14260		AWD; 3/4" inlet tube	
1	Screen Assy.	94	224-14260		4WD; 3/4" inlet tube	
1	Screen Assy.	94	224-14261		RWD; 3/4" inlet tube	
1	Screen Assy.	94	224-14261		3/4" inlet tube	
1	Screen Assy.	94	224-14263		RWD; 3/4" inlet tube	
1	Screen Assy.	93	224-1346		RWD; 5/8" inlet tube	
1	Screen Assy.	93	224-1346		5/8" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96	260-3039		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design	
1	Kit Gasket Set	95-94	260-1729		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1726		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92-91	260-1240		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)	1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				36 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
2	Head Bolt Set	96-91	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	93-91	381-8058			
1	Brass Deep Cup Freeze Plug	93-91	381-9001		1.625" Diameter	
1	Steel Deep Cup Freeze Plug	93-91	381-3178		16.5mm Diameter	
1	Steel Deep Cup Freeze Plug	93-91	381-3193		12mm Diameter	
1	Steel Shallow Cup Freeze Plug	93-91	381-2150		2.094" Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6428	----	
92-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6403	----	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6428M	----	
92-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6403M	----	
95-94	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6371	205-1371	
95-94	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6371M	205-1371M	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6370	205-1370	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6370M	205-1370M	
92-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6020	205-1020	
92-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6020M	205-1020M	
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
95-95	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; Exh. pipe packing not incl.; w/o Balance shaft; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.405" tooth width sprocket; Incl. 3/4" inlet oil pump; w/nylon shaft guide		Master	MKP-7017	----	
94-94	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; Exh. pipe packing not incl.; w/o Balance shaft; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.405" tooth width sprocket; Incl. 5/8" inlet oil pump		Master	MKP-7018	----	
93-93	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; w/o Balance shaft; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/.405" tooth width sprocket; Incl. 5/8" inlet oil pump		Master	MKP-7015	----	
91-91	w/o Balance shaft; Exc. Eng. w/"T" before the I.D. No. located on front of block; Exh. pipe packing not incl.; Perf. or reg. duty operation; Incl. A-Series alum. bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hyper.; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability		Master	MKP-7012N	----	

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)	1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z	36 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-95	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; Exh. pipe packing not incl.; w/o Balance shaft; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-7017	----
94-94	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; Exh. pipe packing not incl.; w/o Balance shaft; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-7018	----
93-93	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; w/o Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-7015	----
92-91	w/o Balance shaft; Exc. Eng. w/"T" before the I.D. No. located on front of block; Exh. pipe packing not incl.; Perf. or reg. duty operation; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-7012	----
92-91	Exc. Eng. w/"T" before the I.D. No. located on front of block; .155" shallow oil ring groove; w/o Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. High Pressure, 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-7014	----
95-95	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; Exh. pipe packing not incl.; w/o Balance shaft; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7017	----
94-94	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; Exh. pipe packing not incl.; w/o Balance shaft; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7018	----
93-93	Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; .190" deep oil ring groove; w/o Balance shaft; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7015	----
91-91	w/o Balance shaft; Exc. Eng. w/"T" before the I.D. No. located on front of block; Exh. pipe packing not incl.; Perf. or reg. duty operation; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-7012N	----
96-96	Eng. w/"T" before the I.D. No. located on front of block; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. A-Series alum. brgs.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H640ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6048N	----
96-96	Exc. Eng. w/"T" before the I.D. No. located on front of block; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. A-Series alum. brgs.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H640ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6049N	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H728P piston	Block Kit w/Premium Rings BK-6059	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H728P piston	Block Kit w/Premium Rings BK-6060	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings BK-6061	----

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)	1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z	36 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings BK-6062	----
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings BK-6055	----
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings BK-6056	----
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H728P piston	Block Kit w/Premium Rings BK-6057	----
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H728P piston	Block Kit w/Premium Rings BK-6058	----
92-92	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H728P piston	Block Kit w/Premium Rings BK-6052	----
92-92	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings BK-6054	----
92-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H728P piston	Block Kit w/Premium Rings BK-6051	----
92-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings BK-6053	----
91-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6050N	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. H728P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6059	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. H728P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6060	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6061	----
95-94	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6062	----
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6055	----

GMC Truck (Incl. Minivans and SUV's)

36 (cont.)		1996 - 1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z			36 (cont.)	
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6056	----	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H728P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6057	----	
93-93	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H728P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6058	----	
92-92	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H728P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6052	----	
92-92	w/o Balance shaft; Exh. pipe packing not incl.; Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6054	----	
92-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H728P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6051	----	
92-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6053	----	
91-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6050N	----	
91-91	w/o Balance shaft; Exc. Eng. w/"T" before the I.D. No. located on front of block; Exh. pipe packing not incl.; Perf. or reg. duty operation; Incl. A-Series alum. bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hyper.; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Master		----		MKP-2012N
91-91	w/o Balance shaft; Exc. Eng. w/"T" before the I.D. No. located on front of block; Exh. pipe packing not incl.; Perf. or reg. duty operation; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons		----		MK-2012
91-91	w/o Balance shaft; Exc. Eng. w/"T" before the I.D. No. located on front of block; Exh. pipe packing not incl.; Perf. or reg. duty operation; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Master w/o Rods & Mains		----		505-2012N

37		1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore H.O.; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B			37	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	91	KT3-499SA6		w/o Balance shaft; w/.405" tooth width sprocket; (1) 222-499; (1) 223-505; (1) 223-732T	
1	Timing Chain	91	222-499		Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	91	223-391		Powdered metal; .405" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	91	223-505		Steel; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	91	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	91	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
12	Lifter, Bulk	91	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	91	RP-3262	Std Only	7.192" O.A.L.	
12	Push Rod, Bulk	91	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.	

GMC Truck (Incl. Minivans and SUV's)

37 (cont.)	1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore H.O.; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B				37 (cont.)
VALVETRAIN					
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
12	Arm Assy.	91	R-973	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut
12	Arm Assy., Bulk	91	R-973B	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut; Carton of 64
12	Arm	91	R-973A	Std Only	Adj.; w/standard threads
12	Rocker Arm Ball	91	MR-1783	Std Only	Adj.; w/standard threads
12	Nut	91	MR-1751	Std Only	Adj.; w/standard threads; Self-locking, 3/8" x 24 threads
12	Stud	91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
12	Stud	91	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	91	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
6	Exhaust	91	V-1988X	Std-3-15	1 groove; Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.
6	Exhaust, Bulk	91	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
6	Exhaust, Bulk	91	V-1988XB	Std-15	1 groove; Chrome plated stem; Stellite face; Carton of 25; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.
6	Intake	91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
6	Intake	91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.
6	Intake, Bulk	91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
6	Guide	91	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L
6	Guide	91	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L
6	Guide	91	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L
6	Guide	91	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L
6	Guide, Bulk	91	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L
6	Guide, Bulk	91	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L
6	Guide, Bulk	91	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	91	VS-677	Std Only	Incl. damper; 2.03" Free Height
12	Spring, Bulk	91	VS-677B	Std Only	Incl. damper; Carton of 250; 2.03" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	91	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber
12	Valve Stem Seal	91	MV-1888C	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal	91	MV-1921	Std Only	Umbrella type; (NYL) Nylon
12	Valve Stem Seal Bulk	91	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber
12	Valve Stem Seal Bulk	91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®
12	Valve Stem Seal Bulk	91	MV-1921B	Std Only	Umbrella type; Carton of 100; (NYL) Nylon
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
6	Seat	91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
6	Seat	91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
24	Keeper	91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
24	Keeper	91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
24	Keeper, Bulk	91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
6	Rotocap	91	RC-157S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	91	640P	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H640ACP
6	Cast Piston	91	640P 20	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.
6	Cast Piston	91	645P 20	20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Flat Head w/4 valve reliefs, 0.9275" Pin Dia.
6	Cast Piston	91	H640ACP	Std-20-30-40-60	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability

GMC Truck (Incl. Minivans and SUV's)

37 (cont.)		1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore H.O.; TBI; Gasoline; Naturally Aspirated				37 (cont.)
GMC Eng.; Chevrolet; VIN Code B						
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	91	H645ACP 20	20-30-40	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Flat Head w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston	91	H728P	Std-20-30-40-60	w/NA4 Emis.; Use w/E-459K or E-459X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.	
6	Cast Piston - Individual	91	W640P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP	
6	Cast Piston - Individual	91	W640P 20	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.	
6	Cast Piston - Individual	91	WH640ACP	Std-20-30	w/NA4 Emis.; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	91	WH695P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/deep oil ring groove, 0.9275" Pin Dia.; Superseded - When depleted use WH728P	
6	Cast Piston - Individual	91	WH728P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-229K	Std-20-30-40-60	Use w/640P, 645P, H645NCP or H695P piston; 2-5/64, 1-3/16; Premium Moly	
1	Premium Set	91	E-628K	Std-20-30-40	.155" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly	
1	Standard Set	91	E-229X	Std-20-30-40-60	Use w/640P, 645P, H645NCP or H695P piston; 2-5/64, 1-3/16; Iron	
1	Standard Set	91	E-459X	Std-20-30-40-60	.190" deep oil ring groove; Use w/H728P piston; 2-5/64, 1-3/16; Iron	
6	Premium Single Cylinder Set	91	WE-459K	Std-20-30-40-60	.190" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly	
6	Premium Single Cylinder Set	91	WE-628K	Std Only	.155" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	5085M	Std-1-10-20-30-40		
1	Main Set	91	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	91	6687M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	91	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD	
1	Rod Set	91	6-1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
1	Rod Set	91	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	91	6-1020CP	Std-.026-.25-.50-.75-1.00 MM		
1	Rod Set	91	6-7085CH	Std-1-10	Race Performance	
6	Rod Pair	91	1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
6	Rod Pair	91	1020CP	Std-.026-.25-.50-.75-1.00 MM		
1	Cam Set	91	1463M	Std-1	Exc. Engs. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design	
1	Cam Set	91	1791M	Std Only	Exc. Engs. w/"T" before the I.D. No. located on front of block; O.E. split type design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Oil Pump	91	224-4146		5/8" inlet	
1	Oil Pump	91	224-4146A		High Pressure; 5/8" inlet	
1	Oil Pump	91	224-43469		3/4" inlet; w/nylon shaft guide	
1	Oil Pump	91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Inter. Shaft	91	224-6146		Use w/nylon shaft guide	
1	Inter. Shaft	91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	91	224-43343		Nylon	
1	Screen Assy.	91	224-1346		5/8" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1240		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	91	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8058			

GMC Truck (Incl. Minivans and SUV's)

37 (cont.)	1991; 4.3L 262 OHV V6 (12 Valve), 4" Bore H.O.; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B				37 (cont.)
BLOCK					
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Brass Deep Cup Freeze Plug	91	381-9001	1.625" Diameter	
1	Steel Deep Cup Freeze Plug	91	381-3178	16.5mm Diameter	
1	Steel Deep Cup Freeze Plug	91	381-3193	12mm Diameter	
1	Steel Shallow Cup Freeze Plug	91	381-2150	2.094" Diameter	
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
91-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring		205-6403	----
91-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.155" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6403M	----
91-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring		205-6020	205-1020
91-91	w/o Balance shaft; Exh. pipe packing not incl.; w/.190" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6020M	205-1020M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
91-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6050N	----
91-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. H695P piston	Block Kit w/Premium Rings		BK-6053	----
91-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H645ACP20 piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6050N	----
91-91	w/o Balance shaft; Exh. pipe packing not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; w/NA4 Emis.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. H695P piston	Block Kit w/Oil Pump & Freeze Plugs		BKP-6053	----
38 2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X 38					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	07	KT3-4190S	LU3 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	06-02	KT3-4190S	LU3 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	04	KT3-4190S	L35 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	03	KT3-4190S	L35 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	99	KT3-4190S	LU3 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	98-96	KT3-499SA4	w/Balance shaft; (1) 222-499; (1) 223-505; (1) 223-776	
1	Gear Set	10-08	221-2555S	w/Balance shaft; Bal. shaft set	
1	Gear Set	10-02	221-2555S	Bal. shaft set	
1	Gear Set	07	221-2555S	w/Balance shaft; Bal. shaft set	
1	Gear Set	06	221-2555S	w/Balance shaft; Bal. shaft set	
1	Gear Set	05	221-2555S	w/Balance shaft; Bal. shaft set	
1	Gear Set	99-96	221-2555S	Bal. shaft set	
1	Timing Chain	98-96	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	98-96	223-505	Steel; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	98-96	223-776	36 teeth; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	99-96	CS-1572	w/Std. journals; Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation	
1	Camshaft	02	CS-1572	w/Std. journals; Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	06-02	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)		2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				38 (cont.)
VALVETRAIN						
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION	
12	Lifter	99-96	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
12	Lifter, Bulk	06-02	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
12	Lifter, Bulk	99-96	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	02	KC-1572		Hyd. rlr.; Camshaft w/Std. journals incl.; (1) 55-403B; (1) CS-1572; (12) HT-2148	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
12	Push Rod	02	RP-3348	Std Only	7.187" O.A.L.	
12	Push Rod	99-96	RP-3348	Std Only	7.187" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm Assy.	99-96	R-1121	Std Only	Incl. arm, ball & nut; Non-Adj.; w/metric threads	
12	Arm Assy.	99-96	R-973	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut	
12	Arm Assy., Bulk	99-96	R-973B	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut; Carton of 64	
12	Arm	99-96	R-973A	Std Only	Adj.; w/standard threads	
12	Rocker Arm Ball	99-96	MR-1783	Std Only	Adj.; w/standard threads	
12	Rocker Arm Ball	99-96	MR-1946	Std Only	Non-Adj.; w/metric threads	
12	Nut	99-96	MR-1751	Std Only	Adj.; w/standard threads; Self-locking, 3/8" x 24 threads	
12	Nut	99-96	MR-1947	Std Only	10 x 1.25 threads	
12	Stud	99-96	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"	
12	Stud	99-96	MR-1949	Std Only	.372" x 24 x 2.495"	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	04	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
6	Exhaust	03-02	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
6	Exhaust	99-96	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
6	Exhaust, Bulk	04	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
6	Exhaust, Bulk	03-02	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
6	Exhaust, Bulk	99-96	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
6	Intake	04	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.	
6	Intake	03-02	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.	
6	Intake	99-96	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	97-96	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L.	
6	Guide	97-96	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L.	
6	Guide	97-96	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.	
6	Guide, Bulk	97-96	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.	
6	Guide, Bulk	97-96	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	02	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height	
12	Spring	99-96	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	02	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
12	Valve Stem Seal	99-96	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
12	Valve Stem Seal	02	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber	
12	Valve Stem Seal	99-96	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber	
12	Valve Stem Seal Bulk	02	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber	
12	Valve Stem Seal Bulk	99-96	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	97-96	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth	
6	Seat	97-96	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	02	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
24	Keeper	02	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
24	Keeper	02	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
24	Keeper	99-96	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
24	Keeper	99-96	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
24	Keeper	99-96	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
24	Keeper, Bulk	02	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
24	Keeper, Bulk	99-96	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)	2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				38 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.	DESCRIPTION	DESCRIPTION
6	Cast Piston	05	H640ACP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	05	H699ACP	Std-20-30-40-60	Use w/E-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	05	H699P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H699ACP
6	Cast Piston	05	H854P	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H640ACP
6	Cast Piston	04	H640ACP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	04	H699ACP	Std-20-30-40-60	Use w/E-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	04	H699P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H699ACP
6	Cast Piston	04	H854P	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H640ACP
6	Cast Piston	03-02	H640ACP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	03-02	H699ACP	Std-20-30-40-60	Use w/E-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	03-02	H699P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H699ACP
6	Cast Piston	03-02	H854P	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H640ACP
6	Cast Piston	99-96	H640ACP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	99-96	H699ACP	Std-20-30-40-60	Use w/E-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
6	Cast Piston	99-96	H699P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H699ACP
6	Cast Piston	99-96	H854P	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H640ACP

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)		2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				38 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston - Individual	02	WH640ACP	Std-20-30	Perf. or reg. duty operation; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	02	WH699ACP	Std Only	Use w/WE-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	02	WH699P	Std-20-30	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH699ACP	
6	Cast Piston - Individual	02	WH854P	Std-20-30-40	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/WE-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP	
6	Cast Piston - Individual	99-96	WH640ACP	Std-20-30	Perf. or reg. duty operation; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	99-96	WH699ACP	Std Only	Use w/WE-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	99-96	WH699P	Std-20-30	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH699ACP	
6	Cast Piston - Individual	99-96	WH854P	Std-20-30-40	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/WE-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05	E-920K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	04	E-920K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	03-02	E-920K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	02	E-229K	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Premium Moly	
1	Premium Set	99-96	E-229K	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Premium Moly	
1	Premium Set	99-96	E-920K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly	
1	Standard Set	02	E-229X	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Iron	
1	Standard Set	99-96	E-229X	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Iron	
6	Premium Single Cylinder Set	05	WE-920K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	04	WE-920K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	03-02	WE-920K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
6	Premium Single Cylinder Set	02	WE-229K	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Premium Moly	
6	Premium Single Cylinder Set	99-96	WE-229K	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Premium Moly	
6	Premium Single Cylinder Set	99-96	WE-920K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
6	Standard Single Cylinder Set	02	WE-229X	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Iron	
6	Standard Single Cylinder Set	99-96	WE-229X	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05	5085M	Std-1-10-20-30-40		
1	Main Set	05	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	04	5085M	Std-1-10-20-30-40		
1	Main Set	04	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	03-02	5085M	Std-1-10-20-30-40		
1	Main Set	03-02	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	03-02	6687M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	03-02	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD	
1	Main Set	99-96	5085M	Std-1-10-20-30-40		
1	Main Set	99-96	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings	
1	Main Set	99-96	6687M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	99-96	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD	
1	Rod Set	05	6-1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
1	Rod Set	05	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	05	6-1020CP	Std-.026-.25-.50-.75-1.00 MM		

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)	2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				38 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Rod Set	04	6-1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
1	Rod Set	04	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	04	6-1020CP	Std.-026-25-50-75-1.00 MM	
1	Rod Set	03-02	6-1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
1	Rod Set	03-02	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	03-02	6-1020CP	Std.-026-25-50-75-1.00 MM	
1	Rod Set	99-96	6-1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
1	Rod Set	99-96	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	99-96	6-1020CP	Std.-026-25-50-75-1.00 MM	
1	Rod Set	99-96	6-7085CH	Std-1-10	Race Performance
6	Rod Pair	05	1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
6	Rod Pair	05	1020CP	Std.-026-25-50-75-1.00 MM	
6	Rod Pair	04	1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
6	Rod Pair	04	1020CP	Std.-026-25-50-75-1.00 MM	
6	Rod Pair	03-02	1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
6	Rod Pair	03-02	1020CP	Std.-026-25-50-75-1.00 MM	
6	Rod Pair	99-96	1020A	Std.-026-25-50-75-1.00 MM	A-Series aluminum bearings
6	Rod Pair	99-96	1020CP	Std.-026-25-50-75-1.00 MM	
1	Cam Set	05	1463M	Std-1	Exc. Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	04	1463M	Std-1	Exc. Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	03-02	1463M	Std-1	Exc. Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	02	1791M	Std Only	Exc. Eng. w/"T" before the I.D. No. located on front of block; O.E. split type design
1	Cam Set	02	1855M	Std-1	Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	99-96	1463M	Std-1	Exc. Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	99-96	1791M	Std Only	Exc. Eng. w/"T" before the I.D. No. located on front of block; O.E. split type design
1	Cam Set	99-96	1855M	Std-1	Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Balance Shaft Bearing	07-05	3204DR	Std Only	Loc. Rear
1	Balance Shaft Bearing	04	3204DR	Std Only	Loc. Rear
1	Balance Shaft Bearing	03-02	3204DR	Std Only	Loc. Rear
1	Balance Shaft Bearing	99-96	3204DR	Std Only	Loc. Rear
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	02	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	02	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Oil Pump	99-96	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide
1	Oil Pump	99-96	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	99-96	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Inter. Shaft	02	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	02	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Inter. Shaft	99-96	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	99-96	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Oil Pump Shaft Guide	02	224-43343		Nylon
1	Oil Pump Shaft Guide	99-96	224-43343		Nylon
1	Screen Assy.	04-03	224-15050		
1	Screen Assy.	03	224-15049		2WD
1	Screen Assy.	03	224-15050		4WD
1	Screen Assy.	02	224-15050		
1	Screen Assy.	99-96	224-15049		2WD
1	Screen Assy.	05	224-15049		2WD
1	Screen Assy.	05	224-15050		4WD
1	Screen Assy.	05	224-15050		
1	Screen Assy.	04	224-15049		2WD

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)		2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X				38 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Screen Assy.	04	224-15050	4WD			
1	Screen Assy.	99-96	224-15050	4WD			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	06-02	260-1738	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	06-02	260-1738T	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	99-96	260-1738	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	99-96	260-1738T	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	08-02	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability		
2	Head Bolt Set	99-96	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability		
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
05-05	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505	----	Re-ring	
05-02	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6930	----	Re-ring	
04-04	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505	----	Re-ring	
03-02	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505	----	Re-ring	
02-02	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove			205-6931	----	Re-ring	
99-98	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove			205-6931	----	Re-ring	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505	----	Re-ring	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6930	----	Re-ring	
05-05	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505M	----	Re-ring w/Mains	
05-02	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6930M	----	Re-ring w/Mains	
04-04	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505M	----	Re-ring w/Mains	
03-02	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6505M	----	Re-ring w/Mains	

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)	2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X			38 (cont.)
KITS				
RE-RING KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
02-02	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	205-6931M	----
99-98	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	205-6931M	----
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains	205-6505M	----
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains	205-6930M	----
02-02	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1928
02-02	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1928M
02-02	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Use w/H854P piston; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1929
02-02	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Use w/H854P piston; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1929M
99-99	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1929M
99-98	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1928
99-98	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1928M
99-98	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1929
98-98	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1929M
OVERHAUL KIT				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
05-02	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6064N	----
02-02	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6063N	----
99-96	Eng. w/"T" before the I.D. No. located on front of block; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. A-Series alum. brgs.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H640ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6048N	----

GMC Truck (Incl. Minivans and SUV's)

38 (cont.)		2010 - 1996; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X			38 (cont.)	
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.	
99-96	Exc. Eng. w/"T" before the I.D. No. located on front of block; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. A-Series alum. brgs.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H640ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6049N	----	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6063N	----	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6064N	----	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6065N	----	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Eng. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6066N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6063N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6064N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6065N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6066N	----	

39		2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W			39	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.	DESCRIPTION		
1	3 Piece Set	03-99	KT3-4190S	L35 Engine; Incl. Cam, Crank, Chain		
1	3 Piece Set	98-92	KT3-499SA4	w/Balance shaft; (1) 222-499; (1) 223-505; (1) 223-776		
1	Gear Set	03-92	221-2555S	Bal. shaft set		
1	Timing Chain	98-92	222-499	Use w/.405" tooth width sprocket; 46 Links		
1	Crank Sprocket	98-92	223-505	Steel; .405" tooth width sprocket; 18 Teeth		
1	Crank Sprocket	94-92	223-391	Powdered metal; .405" tooth width sprocket; 18 Teeth		
1	Cam Sprocket	98-92	223-776	36 teeth; 36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION		
1	Camshaft	02-96	CS-1572	w/Std. journals; Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation		
1	Camshaft	95-92	CS-1537	Hydraulic Roller, (050) Duration at .050 Lobe Lift, 208 Exh., 208 Int., 118 Degrees Lobe Separation		
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)	2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W				39 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Prelube		55-403	Std Only	1.5 oz. packet
12	Lifter	02-92	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
12	Lifter, Bulk	02-92	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	02-96	KC-1572		Hyd. rlr.; Camshaft w/Std. journals incl.; (1) 55-403B; (1) CS-1572; (12) HT-2148
1	Cam/Lifter Kit	95-92	KC-1537		Hyd. rlr.; (1) 55-403B; (1) CS-1537; (12) HT-2148
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	02-96	RP-3348	Std Only	7.187" O.A.L.
12	Push Rod	95-92	RP-3262	Std Only	7.192" O.A.L.
12	Push Rod, Bulk	95-92	BRP-3262	Std Only	Carton of 100; 7.192" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm Assy.	00-92	R-1121	Std Only	Incl. arm, ball & nut; Non-Adj.; w/metric threads
12	Arm Assy.	00-92	R-973	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut
12	Arm Assy., Bulk	00-92	R-973B	Std Only	Adj.; w/standard threads; Incl. arm, ball & nut; Carton of 64
12	Arm	00-92	R-973A	Std Only	Adj.; w/standard threads
12	Rocker Arm Ball	00-92	MR-1783	Std Only	Adj.; w/standard threads
12	Rocker Arm Ball	00-92	MR-1946	Std Only	Non-Adj.; w/metric threads
12	Nut	00-92	MR-1751	Std Only	Adj.; w/standard threads; Self-locking, 3/8" x 24 threads
12	Nut	00-92	MR-1947	Std Only	10 x 1.25 threads
12	Nut	95-92	MR-1937	Std Only	Non-Adj.
12	Stud	00-92	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"
12	Stud	00-92	MR-1949	Std Only	.372" x 24 x 2.495"
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	95-92	V-1988X	Std-3-15	1 groove; Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.
6	Exhaust	03-96	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.
6	Exhaust	95-92	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
6	Exhaust, Bulk	03-96	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.
6	Exhaust, Bulk	95-92	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.
6	Exhaust, Bulk	95-92	V-1988XB	Std-15	1 groove; Chrome plated stem; Stellite face; Carton of 25; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.
6	Intake	03-96	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.
6	Intake	95-92	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.
6	Intake	95-92	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.
6	Intake, Bulk	95-92	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
6	Guide	97-92	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L.
6	Guide	97-92	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L.
6	Guide	97-92	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L.
6	Guide	94-92	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L.
6	Guide, Bulk	97-92	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L.
6	Guide, Bulk	97-92	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L.
6	Guide, Bulk	94-92	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
12	Spring	02-96	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height
12	Spring	95-92	VS-677	Std Only	Incl. damper; 2.03" Free Height
12	Spring, Bulk	95-92	VS-677B	Std Only	Incl. damper; Carton of 250; 2.03" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
12	Valve Stem Seal	02-96	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
12	Valve Stem Seal	95-92	ST-2125	Std Only	Positive type, Metal Clad; (VTN) Viton®
12	Valve Stem Seal	97-92	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber
12	Valve Stem Seal	94-92	MV-1888C	Std Only	Positive type; (VTN) Viton®
12	Valve Stem Seal	94-92	MV-1921	Std Only	Umbrella type; (NYL) Nylon
12	Valve Stem Seal Bulk	97-92	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber
12	Valve Stem Seal Bulk	94-92	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®
12	Valve Stem Seal Bulk	94-92	MV-1921B	Std Only	Umbrella type; Carton of 100; (NYL) Nylon
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
6	Seat	97-92	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
6	Seat	97-92	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
6	Seat	95-92	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
24	Keeper	02-92	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)		2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W				39 (cont.)
VALVETRAIN						
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION	
24	Keeper	02-92	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
24	Keeper	02-92	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
24	Keeper, Bulk	02-92	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
6	Rotocap	95-92	RC-157S	Std Only	Loc. Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	03-96	H640ACP	Std-20-30-40-60	Perf. or reg. duty operation; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston	03-96	H699ACP	Std-20-30-40-60	Use w/E-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston	03-96	H699P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H699ACP	
6	Cast Piston	03-96	H854P	Std-20-30-40-60	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/E-229K or E-229X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H640ACP	
6	Cast Piston	95-92	640P	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H640ACP	
6	Cast Piston	95-92	640P 20	Std-20-30-40-60-80	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.	
6	Cast Piston	95-92	H640ACP	Std-20-30-40-60	w/NA4 Emis.; Use w/E-229K or E-229X ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston	95-92	H728P	Std-20-30-40-60	w/NA4 Emis.; Use w/E-459K or E-459X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.	
6	Cast Piston - Individual	02-96	WH640ACP	Std-20-30	Perf. or reg. duty operation; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	02-96	WH699ACP	Std Only	Use w/WE-920K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
6	Cast Piston - Individual	02-96	WH699P	Std-20-30	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH699ACP	
6	Cast Piston - Individual	02-96	WH854P	Std-20-30-40	Perf. or reg. duty operation; Not O.E. duplicate Wt.; Use in sets only; Use w/WE-229K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP	
6	Cast Piston - Individual	95-92	W640P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH640ACP	
6	Cast Piston - Individual	95-92	W640P 20	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. - 8.4:1 C.R., 0.9275" Pin Dia.	
6	Cast Piston - Individual	95-92	WH640ACP	Std-20-30	w/NA4 Emis.; Use w/WE-229K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098 deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)	2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W				39 (cont.)
BLOCK					
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION
6	Cast Piston - Individual	95-92	WH695P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/deep oil ring groove, 0.9275" Pin Dia.; Superseded - When depleted use WH728P
6	Cast Piston - Individual	95-92	WH728P	Std-20-30-40-60	w/NA4 Emis.; Use w/WE-459K ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .030 deep x 3.100 dia. w/2 valve reliefs, w/shallow oil ring groove, 0.9275" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	03-96	E-920K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly
1	Premium Set	02-96	E-229K	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-92	E-229K	Std-20-30-40-60	Use w/640P, 645P, H645NCP or H695P piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-92	E-627K	Std-20-30-40	1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly
1	Standard Set	02-96	E-229X	Std-20-30-40-60	Use w/H854P piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-92	E-229X	Std-20-30-40-60	Use w/640P, 645P, H645NCP or H695P piston; 2-5/64, 1-3/16; Iron
6	Premium Single Cylinder Set	03-96	WE-920K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly
6	Premium Single Cylinder Set	02-96	WE-229K	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Premium Moly
6	Premium Single Cylinder Set	95-92	WE-627K	Std Only	1-2.00MM, 1-1.50MM, 1-4.00MM; Premium Moly
6	Standard Single Cylinder Set	02-96	WE-229X	Std-20-30-40-60	Use w/WH854P piston; 2-5/64, 1-3/16; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	03-92	5085M	Std-1-10-20-30-40	
1	Main Set	03-92	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings
1	Main Set	03-92	6687M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	03-92	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD
1	Rod Set	03-92	6-1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
1	Rod Set	03-92	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	03-92	6-1020CP	Std-.026-.25-.50-.75-1.00 MM	
1	Rod Set	99-92	6-7085CH	Std-1-10	Race Performance
6	Rod Pair	03-92	1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings
6	Rod Pair	03-92	1020CP	Std-.026-.25-.50-.75-1.00 MM	
1	Cam Set	03-92	1463M	Std-1	Exc. Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Cam Set	02-92	1791M	Std Only	Exc. Eng. w/"T" before the I.D. No. located on front of block; O.E. split type design
1	Cam Set	02-92	1855M	Std-1	Eng. w/"T" before the I.D. No. located on front of block; Babbitt material; Full round design
1	Balance Shaft Bearing	03-93	3204DR	Std Only	Loc. Rear
1	Balance Shaft Bearing	92	3204DR	Std Only	Loc. Rear; Will not replace needle brg. used in early 1992 Eng.
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	02-92	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	02-92	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Oil Pump	00-92	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide
1	Oil Pump	94-92	224-4146		5/8" inlet
1	Oil Pump	94-92	224-4146A		High Pressure; 5/8" inlet
1	Inter. Shaft	02-92	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	02-92	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Oil Pump Shaft Guide	02-92	224-43343		Nylon
1	Screen Assy.	92	224-14262		RWD; 5/8" inlet tube
1	Screen Assy.	03	224-15049		2WD
1	Screen Assy.	03	224-15050		
1	Screen Assy.	03	224-15050		4WD
1	Screen Assy.	02	224-15049		2WD
1	Screen Assy.	02	224-15050		
1	Screen Assy.	02	224-15050		4WD
1	Screen Assy.	01	224-15049		2WD
1	Screen Assy.	01	224-15050		4WD
1	Screen Assy.	01-99	224-15050		
1	Screen Assy.	00	224-15049		2WD
1	Screen Assy.	00	224-15050		4WD
1	Screen Assy.	99	224-15049		2WD
1	Screen Assy.	99	224-15050		4WD
1	Screen Assy.	98	224-15049		2WD
1	Screen Assy.	98	224-15050		
1	Screen Assy.	98	224-15050		4WD
1	Screen Assy.	97	224-15049		2WD

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)		2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W			39 (cont.)	
BLOCK						
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Screen Assy.	97	224-15050	4WD		
1	Screen Assy.	97-96	224-15050			
1	Screen Assy.	96	224-14261	RWD; 3/4" inlet tube		
1	Screen Assy.	96	224-14261	3/4" inlet tube		
1	Screen Assy.	96	224-15049	2WD		
1	Screen Assy.	96	224-15050	4WD		
1	Screen Assy.	95	224-14260	AWD; 3/4" inlet tube		
1	Screen Assy.	95	224-14260	4WD; 3/4" inlet tube		
1	Screen Assy.	95	224-14261	RWD; 3/4" inlet tube		
1	Screen Assy.	95	224-14263	RWD; 3/4" inlet tube		
1	Screen Assy.	94	224-1346	RWD; 5/8" inlet tube		
1	Screen Assy.	94	224-14260	AWD; 3/4" inlet tube		
1	Screen Assy.	94	224-14260	4WD; 3/4" inlet tube		
1	Screen Assy.	94	224-14261	RWD; 3/4" inlet tube		
1	Screen Assy.	94	224-14263	RWD; 3/4" inlet tube		
1	Screen Assy.	93	224-1346	RWD; 5/8" inlet tube		
1	Screen Assy.	93	224-14259	AWD; 5/8" inlet tube		
1	Screen Assy.	93	224-14259	4WD; 5/8" inlet tube		
1	Screen Assy.	93	224-14261	RWD; 3/4" inlet tube		
1	Screen Assy.	93	224-14262	RWD; 5/8" inlet tube		
1	Screen Assy.	92	224-1346	RWD; 5/8" inlet tube		
1	Screen Assy.	92	224-14259	AWD; 5/8" inlet tube		
1	Screen Assy.	92	224-14259	4WD; 5/8" inlet tube		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	03-96	260-1738	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-96	260-1738T	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-94	260-1728	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	93-92	260-1730	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	03-92	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	93-92	381-8058			
1	Brass Deep Cup Freeze Plug	93-92	381-9001	1.625" Diameter		
1	Steel Deep Cup Freeze Plug	93-92	381-3178	16.5mm Diameter		
1	Steel Deep Cup Freeze Plug	93-92	381-3193	12mm Diameter		
1	Steel Shallow Cup Freeze Plug	93-92	381-2150	2.094" Diameter		
KITS						
RE-RING KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
03-00	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove		Re-ring	205-6505	----	
03-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/2-1.50MM, 1-3.00MM ring groove		Re-ring	205-6930	----	
02-96	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove		Re-ring	205-6931	----	
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove		Re-ring	205-6505	----	
95-94	w/Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6377	----	
93-92	w/Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6376	----	

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)	2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W			39 (cont.)
KITS				
RE-RING KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
03-00	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains	205-6505M	----
03-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains	205-6930M	----
02-96	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	205-6931M	----
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains	205-6505M	----
95-94	w/Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6377M	----
93-92	w/Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6376M	----
02-00	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Use w/H854P piston; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1929
02-00	Head bolts not incl.; Plastic timing cover not incl.; Exh. pipe packing not incl.; Use w/H854P piston; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1929M
02-96	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1928
02-96	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1928M
99-99	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1929M
99-96	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring	----	205-1929
98-96	Use w/H854P piston; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; For pistons w/2-5/64, 1-3/16 ring groove	Re-ring w/Mains	----	205-1929M
OVERHAUL KIT				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/Balance shaft; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Master	MKP-6505N	----
98-96	Eng. w/"T" before the I.D. No. located on front of block; w/Balance shaft; Head bolts not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; w/.405" tooth width sprocket; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Master	MKP-7016N	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/Balance shaft; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide	Master w/o Pistons	MK-6505	----

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)	2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W	39 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
98-96	Engs. w/"T" before the I.D. No. located on front of block; w/Balance shaft; Head bolts not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; w/nylon shaft guide	Master w/o Pistons MK-7016	----
95-94	Engs. w/"T" before the I.D. No. located on front of block; w/Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide	Master w/o Pistons MK-7019	----
93-92	Engs. w/"T" before the I.D. No. located on front of block; w/Balance shaft; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide	Master w/o Pistons MK-7013	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/Balance shaft; Engs. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6505N	----
98-96	Engs. w/"T" before the I.D. No. located on front of block; w/Balance shaft; Head bolts not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-7016N	----
03-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Exc. Engs. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6064N	----
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Engs. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6063N	----
99-96	Engs. w/"T" before the I.D. No. located on front of block; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. A-Series alum. brgs.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H640ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6048N	----
99-96	Exc. Engs. w/"T" before the I.D. No. located on front of block; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. A-Series alum. brgs.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H640ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6049N	----
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Exc. Engs. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6065N	----
99-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Engs. w/"T" before the I.D. No. located on front of block; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6066N	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Engs. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6063N	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; Exc. Engs. w/"T" before the I.D. No. located on front of block; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6064N	----

GMC Truck (Incl. Minivans and SUV's)

39 (cont.)	2003 - 1992; 4.3L 262 OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W				39 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Exc. Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability		Block Kit w/Oil Pump & Freeze Plugs	BKP-6065N	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Eng. w/"T" before the I.D. No. located on front of block; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H699ACP piston; New Part Number - Check for Availability		Block Kit w/Oil Pump & Freeze Plugs	BKP-6066N	----
40 2009 - 2004; 4.6L 281 (4565cc) DOHC V8 (32 Valve), 93mm Bore Northstar H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Cadillac; VIN Code A					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Chain Tensioner	09-06	222-313CT	Loc. L.H.	
1	Chain Damper	09-04	222-311GP	Loc. L.H.; Tensioner shoe	
1	Idler Sprocket Bushing	09-04	ISB2		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
32	Lifter	06-04	HT-2307	Std Only	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Rod Set	06-04	8-4825A	Std.-25-50-.75MM A-Series aluminum bearings	
41 2009 - 2007; 4.8L 293 (4807cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code C					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	08	KT3-4205SA	LY2 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	07	KT3-4205SA	LY2 Engine; Incl. Cam, Crank, Chain	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
8	Lifter	08-07	HT-2148	Std Only Loc. Exh.; Hyd. rlr.; 2.600" O.A.L.	
8	Lifter	08-07	HT-2303	Std Only Loc. Int.; 3.785" O.A.L.; Displacement On Demand	
8	Lifter, Bulk	08-07	HT-2148B	Std Only Loc. Exh.; Hyd. rlr.; Carton of 128	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	08-07	RP-3349	Std Only 7.318" O.A.L.	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	08-07	V-4593	Std Only Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.	
8	Intake	08-07	V-4644	Std Only Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	08-07	VS-1659	Std Only 2.08" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	08-07	VK-291	Std Only 1 groove	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	08-07	H1132CPA	Std.-25-50-75-1.00MM Hypereutectic; New Part Number - Check for Availability	
8	Cast Piston	08-07	H1132CT	Std.-25-50-75-1.00MM Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	08-07	E-937K	Std.-50-75-1.00MM 2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	08-07	7298MA	Std-10-20-30-40 A-Series aluminum bearings	
1	Rod Set	08-07	8-2555A	Std-1-10-20-30-40-50-60 A-Series aluminum bearings	
1	Rod Set	08-07	8-2555A 10X2	10X2-20X2-30X2-40X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Cam Set	09-08	1923M	Std Only New Part Number - Check for Availability	
1	Cam Set	08-07	1898M	Std Only	

GMC Truck (Incl. Minivans and SUV's)

42		2008 - 1999; 4.8L 293 (4807cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline;			42	
Naturally Aspirated GMC Eng.; Chevrolet; VIN Code V						
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	08	KT3-4205SA		LY2 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	07-05	KT3-4205S		LR4 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	04-99	KT3-4194S		(1) 222-4194; (1) 223-826; (1) 223-827	
1	Timing Chain	04-99	222-4194		60 Links	
1	Crank Sprocket	06-99	223-827		22 Teeth	
1	Cam Sprocket	04-99	223-826		44 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	04-99	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	04-99	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	07-99	RP-3349	Std Only	7.318" O.A.L.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	06-99	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.	
8	Intake	06-99	V-4592	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3134" Stem Dia., 4.868" O.A.L.	
8	Intake	00-99	V-4591	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.; Superseded - When depleted use V-4592	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	06-99	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	04-99	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	06-99	VK-291	Std Only	Loc. Int. & Exh.; 1 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	06-05	H1132CPA	Std.-25-.50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability	
8	Cast Piston	06-05	H1132CT	Std.-25-.50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.	
8	Cast Piston	04-99	H855CP	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.324 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9452" Pin Dia.	
8	Pin Bushing	06-99	4514Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	04-99	E-937K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
8	Premium Single Cylinder Set	04-99	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	07-99	7298MA	Std-10-20-30-40	A-Series aluminum bearings	
1	Main Set	03-99	152M	Std-1-1X-10	Race Performance	
1	Rod Set	07-99	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings	
1	Rod Set	07-99	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore	
1	Rod Set	07-99	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy	
1	Rod Set	03-99	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side	
1	Rod Set	03-99	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side	
1	Rod Set	03-99	8-2555CA 60	60	Unplated & resizeable	
8	Rod Pair	07-99	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings	
8	Rod Pair	07-99	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy	
8	Rod Pair	07-99	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
8	Rod Pair	03-99	2555CA 60	60	Unplated & resizeable	
1	Cam Set	08	1923M	Std Only	New Part Number - Check for Availability	
1	Cam Set	07-03	1898M	Std Only		
1	Cam Set	02-99	1888M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-99	224-43645		Std. volume & pressure	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	08-04	260-1974		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03-02	260-1973		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1880		1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1972		2nd Design; Top-Hat Design valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

GMC Truck (Incl. Minivans and SUV's)

42 (cont.)	2008 - 1999; 4.8L 293 (4807cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code V				42 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	00-99	260-1880	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	04-99	260-2536	Std Only	1st Design; Replacement recommended
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
01-01	1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			205-6940	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			205-6940	----
01-01	1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			205-6940M	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			205-6940M	----
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
01-01	1st Design; w/Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6070	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6070	----
43	1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H				43
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	96	KT3-499SA5	Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797	
1	3 Piece Set	95-91	KT3-499SA	Steel Crank Sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-390; (1) 223-505	
1	Timing Set w/Gaskets	95-91	CTS-1000	Oil pan gskt. not incl.; w/.405" tooth width sprocket	
1	Timing Set w/Gaskets	94-91	CTS-1100R		
1	Timing Chain	96-91	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	96-92	223-797	18 Teeth	
1	Crank Sprocket	95-91	223-505	Steel; .405" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	91	223-391	Powdered metal; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	96	223-732T	Hardened; .405" tooth width sprocket; 36 Teeth	
1	Cam Sprocket	95-91	223-390	.405" tooth width sprocket; 36 Teeth	
1	Cam Sprocket	95-91	223-390N	Nylon; .405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	96	CS-1573	Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation	
1	Camshaft	95-91	CS-711	Hydraulic, (050) Duration at .050 Lobe Lift, 194 Exh., 178 Int., 108 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	96	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter	95-91	HT-817	Std Only	Hyd.
16	Lifter	95-91	HT-817R	Std Only	Speed-Pro Hi-Revolution Hyd.
16	Lifter, Bulk	96	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
16	Lifter, Bulk	95-91	HT-817B	Std Only	Hyd.; Carton of 128
16	Lifter, Bulk	95-91	HT-817RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	96	KC-1573	Hyd. rlr.; (1) 55-403B; (1) CS-1573; (16) HT-2148	
1	Cam/Lifter Kit	95-91	KC-711	Hyd.; (1) 55-403B; (1) CS-711; (16) HT-817	
1	Cam/Lifter/Timing Kit	95-91	KCT-711	Hyd.; w/.405" tooth width sprocket; (1) 55-403B; (1) CS-711; (16) HT-817; (1) KT3-499S	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	96	RP-3348	Std Only	7.187" O.A.L.
16	Push Rod	95-91	RP-3093	Std Only	7.794" O.A.L.
16	Push Rod	95-91	RP-3212R	Std-100-150-200	Chrome-Moly; 7.79" O.A.L.
16	Push Rod, Bulk	95-91	BRP-3093	Std Only	Carton of 100; 7.794" O.A.L.
16	Push Rod, Bulk	95-91	BRP-3212R	Std-100	Chrome-Moly; Carton of 100; 7.79" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	96-91	R-973	Std Only	Incl. arm, ball & nut

GMC Truck (Incl. Minivans and SUV's)

43 (cont.)		1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H			43 (cont.)	
VALVETRAIN						
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION	
16	Arm Assy., Bulk	96-91	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64	
16	Arm	96-91	R-973A	Std Only		
16	Rocker Arm Ball	96-91	MR-1783	Std Only		
16	Nut	96-91	MR-1751	Std Only	Self-locking, 3/8" x 24 threads	
16	Stud	96-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"	
16	Stud	96-91	MR-1949	Std Only	.372" x 24 x 2.495"	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	96	V-4345	Std-15	Exc. Nat. Gas Conversion; Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
8	Exhaust	95-91	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.	
8	Exhaust	95-91	V-2449X	Std Only	Inconel X-751; Chrome plated stem; Premium Material; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.	
8	Exhaust, Bulk	96	V-4345B 15	15	Exc. Nat. Gas Conversion; Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
8	Exhaust, Bulk	95-91	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.	
8	Intake	96	V-4569	Std Only	Chrome plated stem; 1.84" Head Dia., 0.3412" Stem Dia., 4.881" O.A.L.	
8	Intake	95-91	V-2143	Std-3-5-15	Chrome plated stem; 1.839" Head Dia., 0.341" Stem Dia., 4.912" O.A.L.	
8	Intake, Bulk	95-91	V-2143B	Std Only	Chrome plated stem; Carton of 25; 1.84" Head Dia., 0.3413" Stem Dia., 4.912" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	96-91	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L	
8	Guide	96-91	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L	
8	Guide	96-91	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L	
8	Guide, Bulk	96-91	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L	
8	Guide, Bulk	96-91	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	96	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height	
16	Spring	95-91	VS-677	Std Only	Loc. Int. & Exh.; Incl. damper; 2.03" Free Height	
16	Spring	95-91	VS-739R	Std Only	Loc. Int. & Exh.; Optional-H/D; 2" Free Height	
16	Spring, Bulk	95-91	VS-677B	Std Only	Loc. Int. & Exh.; Incl. damper; Carton of 250; 2.03" Free Height	
16	Spring, Bulk	95-91	VS-739RB	Std Only	Loc. Int. & Exh.; Optional-H/D; Carton of 300; 2" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	96	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
16	Valve Stem Seal	94-91	ST-2003	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Positive type; Installation requires valve guide machining; (RBB) Rubber	
16	Valve Stem Seal	94-91	ST-2004	Std Only	Loc. Int. & Exh.; w/.375" stem dia.; Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE	
16	Valve Stem Seal	94-91	ST-2092	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	96	MV-1233C	Std Only	Loc. Exh.; O-Ring; (RBB) Rubber	
16	Valve Stem Seal	94-91	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber	
8	Valve Stem Seal	93-91	MV-1888C	Std Only	Loc. Int.; Positive type; (VTN) Viton®	
8	Valve Stem Seal	93-91	MV-1921	Std Only	Loc. Exh.; Umbrella type; (NYL) Nylon	
8	Valve Stem Seal Bulk	96	MV-1233	Std Only	Loc. Exh.; O-Ring; Carton of 100; (RBB) Rubber	
16	Valve Stem Seal Bulk	94-91	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber	
16	Valve Stem Seal Bulk	94-91	ST-2003BC	Std Only	Loc. Int. & Exh.; w/.343" stem dia.; Positive type; Installation requires valve guide machining; Carton of 100; (RBB) Rubber	
16	Valve Stem Seal Bulk	94-91	ST-2004BC	Std Only	Loc. Int. & Exh.; w/.375" stem dia.; Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE	
8	Valve Stem Seal Bulk	93-91	MV-1888	Std Only	Loc. Int.; Positive type; Carton of 50; (VTN) Viton®	
8	Valve Stem Seal Bulk	93-91	MV-1921B	Std Only	Loc. Exh.; Umbrella type; Carton of 100; (NYL) Nylon	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	95-91	245-1687-2	Std Only	Loc. Exh.; 1.6925" OD, 1.4375" ID, 0.216" Depth	
8	Seat	95-91	245-1687-2N	Std Only	Loc. Exh.; Premium Material; 1.6925" OD, 1.4375" ID, 0.216" Depth	
8	Seat	95-91	245-2062-1	Std Only	Loc. Int.; 2.068" OD, 1.8125" ID, 0.248" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	96-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
32	Keeper	96-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
32	Keeper	96-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
32	Keeper, Bulk	96-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
16	Spring Insert	95-91	259-203A	Std Only	.060"; Carton of 100	
16	Spring Insert	95-91	259-203ARS	Std Only	.060"; Carton of 500	
16	Spring Insert	95-91	259-203B	Std Only	.030"; Carton of 100	
16	Spring Insert	95-91	259-203BRS	Std Only	.030"; Carton of 500	
16	Spring Insert	95-91	259-203C	Std Only	.015"; Carton of 100	
8	Rotocap	95-91	RC-157S	Std Only	Loc. Exh.	

GMC Truck (Incl. Minivans and SUV's)

43 (cont.)	1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H				43 (cont.)
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	96	817P	Std-20-30-40-60	Use w/E-634K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .055 deep x 3.160 dia. w/4 valve reliefs, 0.9275" Pin Dia.
8	Cast Piston	95-91	536NCP 20	20-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia.; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
8	Cast Piston	95-91	536NP	Std-20-30-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
8	Cast Piston	95-91	611P	Std-20-30-40-60	Cast; Use w/E-356K, E-356KC or E-356X ring set; For use w/350 crank w/o need to rebalance Eng.; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .095 deep x 3.130 dia. w/4 valve reliefs, 0.9275" Pin Dia.
8	Cast Piston - Individual	96	W817P	Std-20-30-40-60	Use w/WE-634K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .055 deep x 3.160 dia. w/4 valve reliefs, 0.9275" Pin Dia.
8	Cast Piston - Individual	95-91	W536NP	Std-20-30-40-60	Cast; Use w/WE-356K or WE-356X ring set; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
8	Cast Piston - Individual	95-91	W611P	Std-20-30-40-60	Cast; Use w/WE-356K or WE-356X ring set; For use w/350 crank w/o need to rebalance Eng.; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .095 deep x 3.130 dia. w/4 valve reliefs, 0.9275" Pin Dia.
1	Cast Piston Set w/Econ. Rings	95-91	8X536NP 20	20-30-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .062 deep x 3.130 dia., 0.9275" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	96-93	E-634K	Std-20-30-40	.170" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	96-91	E-356K	Std-10-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	96-91	E-356KC	Std-10-20-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Chrome
1	Standard Set	96-91	E-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	96-93	WE-634K	Std Only	.170" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	96-91	WE-356K	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly
8	Standard Single Cylinder Set	96-91	WE-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	96-91	4663M	Std-1-2-10-20-30-40-60	
1	Main Set	96-91	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings
1	Main Set	96-91	6688M 10	10-20-30	.020" O/S length flange brg.
1	Main Set	96-91	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD
1	Main Set	96-91	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.
1	Rod Set	96-91	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	96-91	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	96-91	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	96-91	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy
1	Rod Set	96-91	8-2555CA 60	60	Unplated & resizeable
8	Rod Pair	96-91	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	96-91	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	96-91	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
8	Rod Pair	96-91	2555CA 60	60	Unplated & resizeable
1	Cam Set	96-91	1235M	Std-1-10	Babbitt material; Full round design
1	Cam Set	96-91	1749M	Std Only	Bi-Metal Aluminum
1	Cam Set	96-91	2100M	Std Only	Race Performance
1	Cam Set	91	1750M	Std Only	2.030" housing bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	96-91	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide
1	Oil Pump	96-91	224-43469		3/4" inlet; w/nylon shaft guide
1	Oil Pump	96-91	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide
1	Oil Pump	94-91	224-4146		5/8" inlet
1	Oil Pump	94-91	224-4146A		High Pressure; 5/8" inlet
1	Inter. Shaft	96-91	224-6146		Use w/nylon shaft guide
1	Inter. Shaft	96-91	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide
1	Oil Pump Shaft Guide	96-91	224-43343		Nylon
1	Screen Assy.	96-93	224-14258		3/4" inlet tube
1	Screen Assy.	94-91	224-1246		5/8" inlet tube
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	96	260-1736		Int. manifold gskts. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95-94	260-1246		Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95-94	260-1246		Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

GMC Truck (Incl. Minivans and SUV's)

43 (cont.)		1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H				43 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	93-91	260-1246	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	93-91	260-1246	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
2	Head Bolt Set	96-91	260-2500	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	96-91	381-8059				
1	Steel Block Plug Kit	96-91	381-4011				
1	Brass Deep Cup Freeze Plug	96-91	381-9001	1.625" Diameter			
1	Steel Deep Cup Freeze Plug	96-91	381-3095	0.500" Diameter			
1	Steel Deep Cup Freeze Plug	96-91	381-3193	12mm Diameter			
KITS							
RE-RING KIT				PREMIUM KIT NO.	STANDARD KIT NO.		
YEARS	DESCRIPTION						
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.170" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6864	----	
96-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6933	----	
95-94	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6357	----	
95-94	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6357	----	
93-93	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6357	----	
93-93	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6357	----	
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.170" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6864M	----	
96-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6933M	----	
95-94	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6357M	----	
95-94	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6357M	----	
93-93	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6357M	----	
93-93	w/.170" shallow oil ring groove; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6357M	----	
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6863	205-1863	
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6863M	205-1863M	
95-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6026	205-1026	

GMC Truck (Incl. Minivans and SUV's)

43 (cont.)	1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H		43 (cont.)	
KITS				
RE-RING KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
95-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6026	205-1026
95-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6026M	205-1026M
95-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6026M	205-1026M
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6026	205-1026
93-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6026	205-1026
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6026M	205-1026M
93-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6026M	205-1026M
OVERHAUL KIT				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; .170" shallow oil ring groove; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master	MKP-7022	----
96-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master	MKP-7023	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; .200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master	MKP-7021	----
95-95	Exh. pipe packing not incl.; .200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master	MKP-7021	----
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; .170" shallow oil ring groove; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons	MK-7022	----
96-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons	MK-7023	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; .200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons	MK-7021	----
95-95	Exh. pipe packing not incl.; .200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons	MK-7021	----
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; .170" shallow oil ring groove; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains	505-7022	----

GMC Truck (Incl. Minivans and SUV's)

43 (cont.)	1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H	43 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
96-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7023	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; .200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7021	----
95-95	Exh. pipe packing not incl.; .200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7021	----
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 817P piston	Block Kit w/Premium Rings BK-6076	----
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 817P piston	Block Kit w/Premium Rings BK-6077	----
95-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 536NP piston	Block Kit w/Premium Rings BK-6072	----
95-94	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 536NP piston	Block Kit w/Premium Rings BK-6072	----
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 536NP piston	Block Kit w/Premium Rings BK-6072	----
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 536NP piston	Block Kit w/Premium Rings BK-6072	----
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 817P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6076	----
96-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 817P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6077	----
95-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6074	----
95-94	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6074	----
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6072	----
94-94	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6072	----
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6072	----
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6072	----
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6074	----
93-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 536NP piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6074	----

GMC Truck (Incl. Minivans and SUV's)

43 (cont.)	1996 - 1991; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H				43 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.		
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master	MKP-6026E	MKP-1026E	
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master	MKP-6026E	MKP-1026E	
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master	MKP-6026E	MKP-1026E	
93-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master	MKP-6026E	MKP-1026E	
94-94	w/.200" deep oil ring groove; Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons	MK-6026E	MK-1026E	
94-94	w/.200" deep oil ring groove; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons	MK-6026E	MK-1026E	
93-93	w/.200" deep oil ring groove; Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons	MK-6026E	MK-1026E	
93-93	w/.200" deep oil ring groove; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons	MK-6026E	MK-1026E	
92-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons	MK-6026E	MK-1026E	
92-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons	MK-6026E	MK-1026E	
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Rods & Mains	505-6026E	505-1026E	
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Rods & Mains	505-6026E	505-1026E	
93-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Rods & Mains	505-6026E	505-1026E	
93-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Rods & Mains	505-6026E	505-1026E	
44	2002 - 1996; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				44
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	02-96	KT3-499SA5	Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797	
1	Timing Chain	02-96	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	02-96	223-797	18 Teeth	
1	Cam Sprocket	02-96	223-732T	Hardened; .405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	02-96	CS-1573	Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	02-96	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.

GMC Truck (Incl. Minivans and SUV's)

44 (cont.)		2002 - 1996; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				44 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
16	Lifter, Bulk	02-96	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	02-96	KC-1573		Hyd. rlr.; (1) 55-403B; (1) CS-1573; (16) HT-2148		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	02-96	RP-3348	Std Only	7.187" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	02-96	R-973	Std Only	Incl. arm, ball & nut		
16	Arm Assy., Bulk	02-96	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64		
16	Arm	02-96	R-973A	Std Only			
16	Rocker Arm Ball	02-96	MR-1783	Std Only			
16	Nut	02-96	MR-1751	Std Only	Self-locking, 3/8" x 24 threads		
16	Stud	02-96	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"		
16	Stud	02-96	MR-1949	Std Only	.372" x 24 x 2.495"		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	02-96	V-4345	Std-15	Exc. Nat. Gas Conversion; Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.		
8	Exhaust, Bulk	02-96	V-4345B 15	15	Exc. Nat. Gas Conversion; Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.		
8	Intake	02-96	V-4569	Std Only	Chrome plated stem; 1.84" Head Dia., 0.3412" Stem Dia., 4.881" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	97-96	VG-5005	Std Only	Loc. Exh.; 0.343" ID, 2.25" O.A.L		
8	Guide	97-96	VG-5005H	Std Only	Loc. Exh.; Hardened; 0.343" ID, 2.25" O.A.L		
8	Guide	97-96	VG-5005T	Std Only	Loc. Exh.; Threaded; 0.3425" ID, 2.25" O.A.L		
8	Guide, Bulk	97-96	VG-5005B	Std Only	Loc. Exh.; Carton of 50; 0.343" ID, 2.25" O.A.L		
8	Guide, Bulk	97-96	VG-5005TB	Std Only	Loc. Exh.; Threaded; Carton of 50; 0.3425" ID, 2.25" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	02-96	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-96	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
8	Valve Stem Seal	02-96	MV-1233C	Std Only	Loc. Exh.; O-Ring; (RBB) Rubber		
8	Valve Stem Seal Bulk	02-96	MV-1233	Std Only	Loc. Exh.; O-Ring; Carton of 100; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	02-96	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	02-96	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	02-96	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	02-96	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	02-96	817P	Std-20-30-40-60	Use w/E-634K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .055 deep x 3.160 dia. w/4 valve reliefs, 0.9275" Pin Dia.		
8	Cast Piston - Individual	02-96	W817P	Std-20-30-40-60	Use w/E-634K ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .055 deep x 3.160 dia. w/4 valve reliefs, 0.9275" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-96	E-634K	Std-20-30-40	.170" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly		
1	Premium Set	98-96	E-356K	Std-10-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly		
1	Premium Set	98-96	E-356KC	Std-10-20-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Chrome		
1	Standard Set	98-96	E-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	02-96	WE-634K	Std Only	.170" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly		
8	Premium Single Cylinder Set	98-96	WE-356K	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly		
8	Standard Single Cylinder Set	98-96	WE-356X	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-96	4663M	Std-1-2-10-20-30-40-60			
1	Main Set	02-96	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings		
1	Main Set	02-96	6688M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	02-96	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD		
1	Main Set	02-96	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.		
1	Rod Set	02-96	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	02-96	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	02-96	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	02-96	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
1	Rod Set	02-96	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	02-96	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	02-96	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	02-96	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	02-96	2555CA 60	60	Unplated & resizeable		

GMC Truck (Incl. Minivans and SUV's)

44 (cont.)	2002 - 1996; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M					44 (cont.)
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cam Set	02-96	1235M	Std-1-10	Babbitt material; Full round design	
1	Cam Set	02-96	1749M	Std Only	Bi-Metal Aluminum	
1	Cam Set	00-96	2100M	Std Only	Race Performance	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-96	224-43469		3/4" inlet; w/nylon shaft guide	
1	Oil Pump	02-96	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Oil Pump	00-96	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Inter. Shaft	02-96	224-6146		Use w/nylon shaft guide	
1	Inter. Shaft	02-96	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	02-96	224-43343		Nylon	
1	Screen Assy.	00-96	224-14258		3/4" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-96	260-1736		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	02-96	260-1736T		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	02-96	260-2500	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	98-96	381-8059			
1	Steel Block Plug Kit	98-96	381-4011			
1	Brass Deep Cup Freeze Plug	98-96	381-9001		1.625" Diameter	
1	Steel Deep Cup Freeze Plug	98-96	381-3095		0.500" Diameter	
1	Steel Deep Cup Freeze Plug	98-96	381-3193		12mm Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.170" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6864	----
02-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6933	----
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.170" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6864M	----
02-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6933M	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6863	205-1863
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6863M	205-1863M
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
97-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gsks. incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; .170" shallow oil ring groove; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket			Master	MKP-7022	----
97-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket			Master	MKP-7023	----

GMC Truck (Incl. Minivans and SUV's)

44 (cont.)	2002 - 1996; 5.0L 305 OHV V8 (16 Valve), 3.736" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M	44 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO. STANDARD KIT NO.	
97-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; .170" shallow oil ring groove; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-7022	----
97-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-7023	----
97-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; .170" shallow oil ring groove; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7022	----
97-96	.170" shallow oil ring groove; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Rods & Mains 505-7023	----
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 817P piston	Block Kit w/Premium Rings BK-6076	----
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 817P piston	Block Kit w/Premium Rings BK-6077	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 817P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6076	----
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Incl. 817P piston	Block Kit w/Oil Pump & Freeze Plugs BKP-6077	----

45	2011 - 2007; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 0	45		
VALVETRAIN				
QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	3 Piece Set	09-07	KT3-4205SA	Incl. Cam, Crank, Chain
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
8	Lifter	11-07	HT-2148	Loc. Exh.; Hyd. rfr.; 2.600" O.A.L.
8	Lifter	11-07	HT-2303	Loc. Int.; 3.785" O.A.L.; Displacement On Demand
8	Lifter, Bulk	11-07	HT-2148B	Loc. Exh.; Hyd. rfr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION
16	Push Rod	11-07	RP-3349	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
8	Exhaust	11-07	V-4593	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	09-07	V-4644	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
16	Guide	09-07	VG-1434	Threaded; 0.3154" ID, 2.115" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION
16	Spring	11-07	VS-1659	2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
32	Keeper	11-07	VK-291	1 groove
BLOCK				
QTY	PISTON	YEARS	PART NO.	DESCRIPTION
8	Cast Piston	09-07	H1132CPA	Hypereutectic; New Part Number - Check for Availability
8	Cast Piston	09-07	H1132CT	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.
QTY	RINGS	YEARS	PART NO.	DESCRIPTION
1	Premium Set	09-07	E-937K	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION

GMC Truck (Incl. Minivans and SUV's)

45 (cont.)	2011 - 2007; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 0				45 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Main Set	08-07	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Rod Set	10-07	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	10-07	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	10-07	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
8	Rod Pair	10-07	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	10-07	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	10-07	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
1	Cam Set	11-08	1923M	Std Only	New Part Number - Check for Availability
1	Cam Set	07	1898M	Std Only	
46 2011 - 2007; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Flex Fuel; 46					
Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 3					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	09-07	KT3-4205SA		Incl. Cam, Crank, Chain
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
8	Lifter	11-07	HT-2148	Std Only	Loc. Exh.; Hyd. rlr.; 2.600" O.A.L.
8	Lifter	11-07	HT-2303	Std Only	Loc. Int.; 3.785" O.A.L.; Displacement On Demand
8	Lifter, Bulk	11-07	HT-2148B	Std Only	Loc. Exh.; Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	11-07	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	11-07	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	09-07	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	09-07	VG-1434	Std Only	Threaded; 0.3154" ID, 2.115" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	11-07	VS-1659	Std Only	2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	11-07	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	09-07	H1132CPA	Std-25-50-75-1.00MM	Hypereutectic; New Part Number - Check for Availability
8	Cast Piston	09-07	H1132CT	Std-25-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	09-07	E-937K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	08-07	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Rod Set	10-07	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	10-07	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	10-07	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
8	Rod Pair	10-07	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	10-07	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	10-07	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
1	Cam Set	11-08	1923M	Std Only	New Part Number - Check for Availability
1	Cam Set	07	1898M	Std Only	
47 2007 - 2005; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; 47					
Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	07-05	KT3-4205S		Incl. Cam, Crank, Chain
1	Crank Sprocket	07-05	223-827		22 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	05	CS-1589		New Part Number - Check for Availability
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	07-05	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	07-05	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	07-05	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	05	V-4592	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3134" Stem Dia., 4.868" O.A.L.

GMC Truck (Incl. Minivans and SUV's)

47 (cont.)		2007 - 2005; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B				47 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Intake	07-05	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	07-05	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	07-05	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	07-05	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	07-05	H1132CPA	Std-25-50-75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
8	Cast Piston	07-05	H1132CT	Std-25-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
8	Pin Bushing	05	4514Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	07-05	E-937K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	07-05	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-05	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	07-05	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	07-05	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	07-05	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	05	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
8	Rod Pair	07-05	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	07-05	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	07-05	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
1	Cam Set	07-05	1898M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-05	224-43645		Std. volume & pressure		
1	Screen Assy.	07-05	224-15070		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-05	260-1975		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
48		2009 - 2007; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				48	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	09-07	KT3-4205SA		Incl. Cam, Crank, Chain		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	09-07	HT-2148	Std Only	Loc. Exh.; Hyd. rlr.; 2.600" O.A.L.		
8	Lifter	09-07	HT-2303	Std Only	Loc. Int.; 3.785" O.A.L.; Displacement On Demand		
8	Lifter, Bulk	09-07	HT-2148B	Std Only	Loc. Exh.; Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	09-07	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	09-07	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	09-07	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	09-07	VG-1434	Std Only	Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	09-07	VS-1659	Std Only	2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	09-07	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	09-07	H1132CPA	Std-25-50-75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
8	Cast Piston	09-07	H1132CT	Std-25-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	09-07	E-937K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	09-07	7298MA	Std-10-20-30-40	A-Series aluminum bearings		

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48 (cont.)	2009 - 2007; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				48 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Rod Set	09-07	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	09-07	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	09-07	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
8	Rod Pair	09-07	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	09-07	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	09-07	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability
1	Cam Set	07	1898M	Std Only	
49	2009 - 2008; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code L				49
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Crank Sprocket	09-08	223-827		22 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	09-08	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	09-08	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	09-08	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	09-08	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	09-08	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	09-08	VG-1434	Std Only	Threaded; 0.3154" ID, 2.115" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	09-08	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	09-08	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	09-08	H1132CPA	Std.-25.-50.-75-1.00MM	Hypereutectic; New Part Number - Check for Availability
8	Cast Piston	09-08	H1132CT	Std.-25.-50.-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	09-08	E-937K	Std.-50.-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	09-08	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	08	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Rod Set	09-08	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
8	Rod Pair	09-08	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	09-08	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability
50	2009 - 2005; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				50
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	09-05	KT3-4205SA		Incl. Cam, Crank, Chain
1	3 Piece Set	06-05	KT3-4205S		Incl. Cam, Crank, Chain
1	Crank Sprocket	09-05	223-827		22 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	09-05	HT-2148	Std Only	Exc. Displacement On Demand; Hyd. rlr.; 2.600" O.A.L.
16	Lifter	09-05	HT-2303	Std Only	3.785" O.A.L.; Displacement On Demand
16	Lifter, Bulk	09-05	HT-2148B	Std Only	Exc. Displacement On Demand; Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	09-05	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	09-05	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	09-05	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	09-05	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	09-05	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height

GMC Truck (Incl. Minivans and SUV's)

50 (cont.)		2009 - 2005; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				50 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	09-05	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	09-05	H1132CPA	Std.-25-.50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
8	Cast Piston	09-05	H1132CT	Std.-25-.50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
8	Pin Bushing	05	4514Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	09-05	E-937K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	09-05	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	08-05	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	09-05	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	09-05	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	09-05	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
1	Rod Set	07-05	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
8	Rod Pair	09-05	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	09-05	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	09-05	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability		
1	Cam Set	07-05	1898M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	09-05	224-43645		Std. volume & pressure		
1	Screen Assy.	09-05	224-15070		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-05	260-1975		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
51		2005 - 2003; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				51	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	04-03	KT3-4194S		(1) 222-4194; (1) 223-826; (1) 223-827		
1	Timing Chain	04-03	222-4194		60 Links		
1	Crank Sprocket	05-03	223-827		22 Teeth		
1	Cam Sprocket	04-03	223-826		44 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	04	CS-1589		New Part Number - Check for Availability		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	05-03	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	05-03	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	04-03	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-03	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	05-03	V-4592	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3134" Stem Dia., 4.868" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	05-03	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	04-03	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	04-03	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	05-04	H1127CT	Std.-25-.50-.75-1.00MM	Hypereutectic; Full floating pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .066 deep x 3.05 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
8	Cast Piston	04-03	H856CP	Std.-50-.75-1.00MM	Hypereutectic; Press-fit pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .068 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.		
8	Pin Bushing	05-03	4514Y				

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51 (cont.)	2005 - 2003; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				51 (cont.)
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	05-03	E-937K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	05-03	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	05-03	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Main Set	03	152M	Std-1-1X-10	Race Performance
1	Rod Set	05-03	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	05-03	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
1	Rod Set	05-03	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	05-03	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy
1	Rod Set	03	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side
1	Rod Set	03	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side
1	Rod Set	03	8-2555CA 60	60	Unplated & resizeable
8	Rod Pair	05-03	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	05-03	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	05-03	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
8	Rod Pair	03	2555CA 60	60	Unplated & resizeable
1	Cam Set	05-03	1898M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	04-03	224-43645		Std. volume & pressure
1	Screen Assy.	04-03	224-15070		New Part Number - Check for Availability
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	05-04	260-1974		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	03	260-1973		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
2	Head Bolt Set	04-03	260-2536	Std Only	1st Design; Replacement recommended
52	2008 - 1999; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				52
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	07-05	KT3-4205S		Incl. Cam, Crank, Chain
1	3 Piece Set	04-02	KT3-4194S		(1) 222-4194; (1) 223-826; (1) 223-827
1	3 Piece Set	04-02	KT3-4205S		Incl. Cam, Crank, Chain
1	3 Piece Set	01-99	KT3-4194S		(1) 222-4194; (1) 223-826; (1) 223-827
1	Timing Chain	05	222-4194		60 Links
1	Timing Chain	04-99	222-4194		60 Links
1	Crank Sprocket	07-99	223-827		22 Teeth
1	Cam Sprocket	05	223-826		44 Teeth
1	Cam Sprocket	04-99	223-826		44 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	07-04	CS-1589		New Part Number - Check for Availability
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	07-99	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	07-99	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	07-99	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	08-99	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	07-99	V-4592	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3134" Stem Dia., 4.868" O.A.L.
8	Intake	99	V-4591	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.; Superseded - When depleted use V-4592
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	08-99	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	07-99	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	08-99	VK-291	Std Only	1 groove

GMC Truck (Incl. Minivans and SUV's)

52 (cont.)		2008 - 1999; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				52 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	07	H1127CT	Std.-25-50-75-1.00MM	Hypereutectic; Full floating pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .066 deep x 3.05 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
8	Cast Piston	06	H1127CT	Std.-25-50-75-1.00MM	Hypereutectic; Full floating pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .066 deep x 3.05 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
8	Cast Piston	05-04	H1127CT	Std.-25-50-75-1.00MM	Hypereutectic; Full floating pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .066 deep x 3.05 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
8	Cast Piston	04-99	H856CP	Std.-50-75-1.00MM	Hypereutectic; Press-fit pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .068 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.		
8	Pin Bushing	05-99	4514Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	07-99	E-937K	Std.-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	07-99	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-99	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Main Set	03-99	152M	Std-1-1X-10	Race Performance		
1	Rod Set	07-99	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	07-99	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	07-99	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	05-99	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy		
1	Rod Set	03-99	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side		
1	Rod Set	03-99	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side		
1	Rod Set	03-99	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	07-99	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	07-99	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	07-99	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	03-99	2555CA 60	60	Unplated & resizeable		
1	Cam Set	08	1923M	Std Only	New Part Number - Check for Availability		
1	Cam Set	07-03	1898M	Std Only			
1	Cam Set	02-99	1888M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	08-99	224-43645		Std. volume & pressure		
1	Screen Assy.	07-99	224-15070		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-04	260-1974		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-02	260-1973		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01	260-1880		1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01	260-1972		2nd Design; Top-Hat Design valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1880		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	04-99	260-2536	Std Only	1st Design; Replacement recommended		
KITS							
RE-RING KIT						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
01-01	1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6940	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6940	----
01-01	1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6940M	----

GMC Truck (Incl. Minivans and SUV's)

52 (cont.)	2008 - 1999; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code T				52 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6940M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
01-01	1st Design; w/Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6080	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6080	----
53	2008 - 2002; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				53
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	08	KT3-4205SA	Incl. Cam, Crank, Chain	
1	3 Piece Set	07-05	KT3-4205S	Incl. Cam, Crank, Chain	
1	3 Piece Set	04-02	KT3-4194S	(1) 222-4194; (1) 223-826; (1) 223-827	
1	Timing Chain	04-02	222-4194	60 Links	
1	Crank Sprocket	07-02	223-827	22 Teeth	
1	Cam Sprocket	04-02	223-826	44 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	08-04	CS-1589	New Part Number - Check for Availability	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	07-02	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	07-02	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	07-02	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	07-02	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	07-02	V-4592	Std Only	Chrome plated stem; 1.89" Head Dia., 0.3134" Stem Dia., 4.868" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	07-02	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	07-02	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	07-02	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	07-04	H1127CT	Std-25-.50-.75-1.00MM	Hypereutectic; Full floating pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .066 deep x 3.05 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.
8	Cast Piston	04-02	H856CP	Std-.50-.75-1.00MM	Hypereutectic; Press-fit pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .068 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.
8	Pin Bushing	05-02	4514Y		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	07-02	E-937K	Std-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	07-02	WE-937K	Std Only	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	07-02	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Main Set	03-02	152M	Std-1-1X-10	Race Performance
1	Rod Set	07-06	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	07-06	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore
1	Rod Set	07-06	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	07-06	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy
1	Rod Set	05-02	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	05-02	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore
1	Rod Set	05-02	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	05-02	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy
1	Rod Set	03-02	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side
1	Rod Set	03-02	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side

GMC Truck (Incl. Minivans and SUV's)

53 (cont.)		2008 - 2002; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Z				53 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	03-02	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	07-06	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	07-06	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	07-06	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	05-02	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	05-02	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	05-02	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	03-02	2555CA 60	60	Unplated & resizeable		
1	Cam Set	08	1923M	Std Only	New Part Number - Check for Availability		
1	Cam Set	07-06	1898M	Std Only			
1	Cam Set	05-03	1898M	Std Only			
1	Cam Set	02	1888M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07	224-43645		Std. volume & pressure		
1	Oil Pump	06	224-43645		Std. volume & pressure		
1	Oil Pump	05-02	224-43645		Std. volume & pressure		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-02	260-1974		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	04-02	260-2536	Std Only	1st Design; Replacement recommended		
54		2011 - 2009; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec VVT; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4				54	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10-09	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	10-09	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	11-09	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	11-09	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	09	V-4644	Std Only	Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	09	VG-1434	Std Only	Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	11-09	VS-1659	Std Only	2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	11-09	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	09	H1132CPA	Std.-25-.50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
8	Cast Piston	09	H1132CT	Std.-25-.50-.75-1.00MM	Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	09	1923M	Std Only	New Part Number - Check for Availability		
55		2010; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec VVT; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				55	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	10	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	10	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	10	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	10	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	10	VS-1659	Std Only	2.08" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	10	VK-291	Std Only	1 groove		

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56	2011 - 2010; 5.3L 325 (5328cc) OHV V8 (16 Valve), 96mm Bore Vortec VVT; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				56
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	10	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	10	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	11-10	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	11-10	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	11-10	VS-1659	Std Only	2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	11-10	VK-291	Std Only	1 groove
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	10	E-937K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Rod Set	10	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	10	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
57	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K				57
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	96-91	KT3-499S		Powdered Metal Crank Sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-390; (1) 223-391
1	3 Piece Set	95-91	KT3-163S		Incl. double rlr. type chain; (1) 222-163; (1) 223-288; (1) 223-289
1	3 Piece Set	95-91	KT3-499SA		Steel Crank Sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-390; (1) 223-505
1	3 Piece Set	95-91	KT3-4SR46		Incl. single rlr. type chain; .280" tooth width sprocket; (1) 222-4SR46; (1) 223-634; (1) 223-645
1	3 Piece Set	96	KT3-499SA		Steel Crank Sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-390; (1) 223-505
1	3 Piece Set	96	KT3-499SA5		Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797
1	3 Piece Set	96	KT3-4SR46		Incl. single rlr. type chain; .280" tooth width sprocket; (1) 222-4SR46; (1) 223-634; (1) 223-645
1	Timing Set w/Gaskets	95-91	CTS-1000		Oil pan gskt. not incl.; w/.405" tooth width sprocket
1	Timing Set w/Gaskets	95-91	CTS-1003		Oil pan gskt. not incl.; Incl. double rlr. type chain
1	Timing Set w/Gaskets	94-91	CTS-1100R		
1	Timing Chain	96-91	222-499		Use w/.405" tooth width sprocket; 46 Links
1	Timing Chain	96-91	222-4SR46		Use w/.280" tooth width sprocket; 46 Links
1	Timing Chain	95-91	222-163		Double rlr.; 58 Links
1	Crank Sprocket	96-92	223-797		Under 8500 GVW; 18 Teeth
1	Crank Sprocket	96-91	223-505		Steel; .405" tooth width sprocket; 18 Teeth
1	Crank Sprocket	96-91	223-645		.280" tooth width sprocket; 18 Teeth
1	Crank Sprocket	91	223-289		Double row; 22 Teeth
1	Crank Sprocket	91	223-391		Powdered metal; .405" tooth width sprocket; 18 Teeth
1	Cam Sprocket	96	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	96-91	223-390		.405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	96-91	223-390N		Nylon; .405" tooth width sprocket; 36 Teeth
1	Cam Sprocket	96-91	223-634		Single row; .280" tooth width sprocket; 36 Teeth
1	Cam Sprocket	91	223-288		Double row; 44 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	96	CS-1573		Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation
1	Camshaft	95-91	CS-274		Hydraulic, (050) Duration at .050 Lobe Lift, 203 Exh., 194 Int., 112 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	96	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter	95-91	HT-817	Std Only	Hyd.
16	Lifter	95-91	HT-817R	Std Only	Speed-Pro Hi-Revolution Hyd.
16	Lifter, Bulk	96	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
16	Lifter, Bulk	95-91	HT-817B	Std Only	Hyd.; Carton of 128
16	Lifter, Bulk	95-91	HT-817RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	96	KC-1573		Hyd. rlr.; (1) 55-403B; (1) CS-1573; (16) HT-2148
1	Cam/Lifter Kit	95-91	KC-274		Hyd.; (1) 55-403B; (1) CS-274; (16) HT-817

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)		1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated			57 (cont.)	
GMC Eng.; Chevrolet; VIN Code K						
VALVETRAIN						
QTY	CAM KIT (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter/Timing Kit	95-91	KCT-274		Hyd.; w/.405" tooth width sprocket; (1) 55-403B; (1) CS-274; (16) HT-817; (1) KT3-499S	
1	Cam/Lifter/Timing Kit	95-91	KCT-274C		Hyd.; Incl. double rlr. type chain; (1) 55-403B; (1) CS-274; (16) HT-817; (1) KT3-163S	
1	Cam/Lifter/Timing Kit	95-91	KCT-274D		Hyd.; Incl. single rlr. type chain; .280" tooth width sprocket; (1) 55-403B; (1) CS-274; (16) HT-817; (1) KT3-4SR46	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	96	RP-3348	Std Only	7.187" O.A.L.	
16	Push Rod	95-91	RP-3093	Std Only	7.794" O.A.L.	
16	Push Rod	94-91	RP-3212R	Std-100-150-200	Chrome-Moly; 7.79" O.A.L.	
16	Push Rod, Bulk	95-91	BRP-3093	Std Only	Carton of 100; 7.794" O.A.L.	
16	Push Rod, Bulk	94-91	BRP-3212R	Std-100	Chrome-Moly; Carton of 100; 7.79" O.A.L.	
8	Push Rod Guide Plate	94-91	MR-1891	Std Only	Speed-Pro stepped guide plate for 5/16" dia. push rods; Requires screw-in studs	
8	Push Rod Guide Plate	94-91	MR-1892	Std Only	Speed-Pro stepped guide plate for 3/8" dia. push rods; Requires screw-in studs	
8	Push Rod Guide Plate	94-91	MR-1896	Std Only	Speed-Pro flat guide plate for 5/16" dia. push rods; Requires screw-in studs	
8	Push Rod Guide Plate	94-91	MR-1930	Std Only	Speed-Pro flat guide plate for 3/8" dia. push rods; Requires screw-in studs	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm Assy.	96-91	R-973	Std Only	Incl. arm, ball & nut	
16	Arm Assy., Bulk	96-91	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64	
16	Arm	96-91	R-973A	Std Only		
16	Rocker Arm Ball	96-91	MR-1783	Std Only		
16	Nut	96-91	MR-1751	Std Only	Self-locking, 3/8" x 24 threads	
16	Stud	96-91	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"	
16	Stud	96-91	MR-1949	Std Only	.372" x 24 x 2.495"	
16	Stud	94-91	MR-1865RS	Std Only	Speed-Pro 3/8" dia. Perf. screw-in stud; requires head machining	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	96	V-4345	Std-15	Exc. Leaded fuel compatible; Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
8	Exhaust	95-91	V-1888X	Std Only	Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3412" Stem Dia., 4.923" O.A.L.	
8	Exhaust	95-91	V-1904	Std-3-15-30	Chrome plated stem; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.	
8	Exhaust	95-91	V-1988X	Std-3-15	1 groove; Chrome plated stem; Stellite face; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.	
8	Exhaust	95-91	V-2449X	Std Only	Inconel X-751; Chrome plated stem; Premium Material; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.	
8	Exhaust, Bulk	96	V-4345B 15	15	Exc. Leaded fuel compatible; Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
8	Exhaust, Bulk	95-91	V-1904B	Std-15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.3414" Stem Dia., 4.928" O.A.L.	
8	Exhaust, Bulk	95-91	V-1988XB	Std-15	1 groove; Chrome plated stem; Stellite face; Carton of 25; 1.5" Head Dia., 0.3718" Stem Dia., 4.923" O.A.L.	
8	Intake	96	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.	
8	Intake	95-91	V-1926	Std-3-15	Chrome plated stem; 1.94" Head Dia., 0.3414" Stem Dia., 4.88" O.A.L.	
8	Intake	95-91	V-1926Y 15	15	Chrome plated stem; w/.708" reduced end length; 1.94" Head Dia., 0.3564" Stem Dia., 4.88" O.A.L.	
8	Intake, Bulk	95-91	V-1926B	Std-15	Chrome plated stem; Carton of 25; 1.94" Head Dia., 0.341" Stem Dia., 4.88" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	96-91	VG-1375	Std Only	Loc. Exh.; Use w/replaceable exh. valve guide; Caution when removing guide w/stepped OD; 0.374" ID, 2.2" O.A.L	
8	Guide	96-91	VG-5046	Std Only	Loc. Exh.; .502" OD; 0.374" ID, 2.25" O.A.L	
8	Guide	94-91	VG-5038	Std Only	Loc. Int.; 0.343" ID, 2.12" O.A.L	
8	Guide, Bulk	94-91	VG-5038B	Std Only	Loc. Int.; Carton of 50; 0.343" ID, 2.12" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	96	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height	
16	Spring	95-91	VS-677	Std Only	Loc. Int. & Exh.; Incl. damper; 2.03" Free Height	
16	Spring	94-91	VS-739R	Std Only	Loc. Int. & Exh.; Optional-H/D; 2" Free Height	
16	Spring, Bulk	95-91	VS-677B	Std Only	Loc. Int. & Exh.; Incl. damper; Carton of 250; 2.03" Free Height	
16	Spring, Bulk	94-91	VS-739RB	Std Only	Loc. Int. & Exh.; Optional-H/D; Carton of 300; 2" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	96	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
16	Valve Stem Seal	96-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber	
16	Valve Stem Seal	94-91	MV-1598C	Std Only	Umbrella type; (RBB) Rubber	
8	Valve Stem Seal	94-91	MV-1888C	Std Only	Loc. Int.; O.E. design; Positive type; (VTN) Viton®	
16	Valve Stem Seal Bulk	96-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber	

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K				57 (cont.)
VALVETRAIN					
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal Bulk	94-91	MV-1598	Std Only	Umbrella type; Carton of 100; (RBB) Rubber
8	Valve Stem Seal Bulk	94-91	MV-1888	Std Only	Loc. Int.; O.E. design; Positive type; Carton of 50; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	94-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	94-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
8	Seat	94-91	245-2125-1	Std Only	Loc. Int.; Use w/V-1926; 2.1305" OD, 1.8125" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	96-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	96-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	96-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	96-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	95-91	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	95-91	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	95-91	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	95-91	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	95-91	259-203C	Std Only	.015"; Carton of 100
8	Rotocap	95-91	RC-157S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	96	H815ACP	Std-20-30-40-60	Use w/E-921K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston	96	H815P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H815ACP
8	Cast Piston	95-91	423NP	Std-20-30-40-60-80	w/deep oil ring groove; w/o H/D Emissions; Use w/E-251K, E-251KC or E-251X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. w/4 valve reliefs - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H423ACP
8	Cast Piston	95-91	423NP 20	Std-20-30-40-60-80	w/deep oil ring groove; w/o H/D Emissions; Use w/E-251K, E-251KC or E-251X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. w/4 valve reliefs - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use H423ACP 20
8	Cast Piston	95-91	H423ACP	Std-20-30-40-60-80	w/deep oil ring groove; w/o H/D Emissions; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098" deep x 2.771" dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston	95-91	H580CP	Std-20-30-40-60	w/deep oil ring groove; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
8	Cast Piston	95-91	H580CP 20	Std-20-30-40-60	w/deep oil ring groove; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.
8	Cast Piston	95-91	H580P	Std-20-30	w/deep oil ring groove; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H580CP
8	Cast Piston - Individual	96	WH815ACP	Std-20-30	Use w/WE-921K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability
8	Cast Piston - Individual	96	WH815P	Std-20-30	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH815ACP
8	Cast Piston - Individual	95-91	W423NP	Std-20-30-40-60-80	w/deep oil ring groove; w/o H/D Emissions; Use w/WE-251K, WE-251KC or WE-251X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. w/4 valve reliefs - 8.4:1 C.R., 0.9275" Pin Dia.; Superseded - When depleted use WH423ACP
8	Cast Piston - Individual	95-91	W423NP 80	Std-20-30-40-60-80	w/deep oil ring groove; w/o H/D Emissions; Use w/WE-251K, WE-251KC or WE-251X ring set; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.540 CD, Recessed Head .067 deep x 3.160 dia. w/4 valve reliefs - 8.4:1 C.R., 0.9275" Pin Dia.

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)		1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated				57 (cont.)
GMC Eng.; Chevrolet; VIN Code K						
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston - Individual	95-91	WH423ACP	Std-20-30-40-60	w/deep oil ring groove; w/o H/D Emissions; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.548 CD, Recessed Head .098" deep x 2.771" dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
8	Cast Piston - Individual	95-91	WH580CP 30	30	w/deep oil ring groove; Use w/E-251K, E-251KC or E-251X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	96	8KH580CP 30	30-40-60	w/H/D Emis.; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	96	8KH815ACP 30	30-40	Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771" dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
1	Cast Piston Set w/Prem. Rings	96	8KH815P 30	30-40	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use 8KH815ACP 30	
1	Cast Piston Set w/Prem. Rings	95-91	8KH580CP 30	30-40-60	w/H/D Emis.; Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.550 CD, Recessed Head .185 deep x 3.300 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.	
8	Power Forged	95-91	L-2403NF	Std-20-30-40-60	w/o H/D Emissions; Use w/E-251K, E-251KC or E-251X ring set; Powerforged; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.562 CD, Recessed Head .068 deep. DUROSHIELD® skirt coated piston., 0.9275" Pin Dia.	
8	Forged Piston - Individual	95-91	WL-2403NF	Std-20-30-40-60	w/o H/D Emissions; Use w/WE-251K, WE-251KC or WE-251X ring set; Powerforged; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.562 CD, Recessed Head .068 deep. DUROSHIELD® skirt coated piston., 0.9275" Pin Dia.	
8	Pin	93-91	P-2208	Std-3-5-0015	Use w/L-2256F or L-2403NF piston; 0.62" Inside Dia., 0.9272" Outside Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96	E-921K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	95-91	E-251K	Std-10-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly	
1	Premium Set	95-91	E-251KC	Std-10-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Chrome	
1	Premium Set	95-91	E-377K	Std-20-30-40	.165" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly	
1	Standard Set	95-91	E-251X	Std-10-20-30-40-60-80	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron	
1	Standard Set	95-91	E-377X	Std-30-40	.165" shallow oil ring groove; 2-5/64, 1-3/16; Iron	
8	Premium Single Cylinder Set	96	WE-921K	Std-30	2-1.50MM, 1-3.00MM; Premium Moly	
8	Premium Single Cylinder Set	95-91	WE-377K	Std-20-30	.165" shallow oil ring groove; 2-5/64, 1-3/16; Premium Moly	
8	Premium Single Cylinder Set	94-91	WE-251K	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Moly	
8	Premium Single Cylinder Set	94-91	WE-251KC	Std-20-30-40-60	.200" deep oil ring groove; 2-5/64, 1-3/16; Premium Chrome	
8	Standard Single Cylinder Set	95-91	WE-377X	Std-30	.165" shallow oil ring groove; 2-5/64, 1-3/16; Iron	
8	Standard Single Cylinder Set	94-91	WE-251X	Std-20-30-40-60-80	.200" deep oil ring groove; 2-5/64, 1-3/16; Iron	
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION	
8	Repair Sleeve	93-91	SL-22M	Std Only	3/32" wall, must be cut to correct length; O.A.L. 10.250"	
8	Repair Sleeve	93-91	SL-22Y	Std Only	1/8" wall, must be cut to correct length; O.A.L. 10.250"	
8	Repair Sleeve	93-91	SL-350M	Std Only	3/32" wall, cut to length; Press fit sleeve	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	4663M	Std-1-2-10-20-30-40-60		
1	Main Set	96-91	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings	
1	Main Set	96-91	6688M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	96-91	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD	
1	Main Set	96-91	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.	
1	Rod Set	96-91	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings	
1	Rod Set	96-91	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	96-91	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy	
1	Rod Set	96-91	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy	
1	Rod Set	96-91	8-2555CA 60	60	Unplated & resizeable	
8	Rod Pair	96-91	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings	
8	Rod Pair	96-91	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy	
8	Rod Pair	96-91	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
8	Rod Pair	96-91	2555CA 60	60	Unplated & resizeable	
1	Cam Set	96-91	1235M	Std-1-10	Babbitt material; Full round design	
1	Cam Set	96-91	1749M	Std Only	Bi-Metal Aluminum	
1	Cam Set	96-91	2100M	Std Only	Race Performance	
1	Cam Set	91	1750M	Std Only	2.030" housing bore	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K				57 (cont.)
BLOCK					
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	96-93	224-43469	3/4" inlet; w/nylon shaft guide	
1	Oil Pump	96-91	224-4143	High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Oil Pump	96-91	224-43469V	High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Oil Pump	94-91	224-4146	5/8" inlet	
1	Inter. Shaft	96-91	224-6146	Use w/nylon shaft guide	
1	Inter. Shaft	96-91	224-6146E	Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	96-91	224-43343	Nylon	
1	Screen Assy.	96-95	224-14258	3/4" inlet tube	
1	Screen Assy.	95	224-14261	w/5 qt. oil pan; w/CNG conversion; 3/4" inlet tube	
1	Screen Assy.	94	224-14258	w/5 qt. oil pan; 3/4" inlet tube	
1	Screen Assy.	94-93	224-1246	w/5 qt. oil pan; 5/8" inlet tube	
1	Screen Assy.	94-93	224-1346	w/5 qt. oil pan; 5/8" inlet tube	
1	Screen Assy.	93	224-14258	w/5 qt. oil pan; 3/4" inlet tube	
1	Screen Assy.	93	224-14261	w/5 qt. oil pan; 3/4" inlet tube	
1	Screen Assy.	92	224-1246	w/5 qt. oil pan; 5/8" inlet tube	
1	Screen Assy.	92	224-1346	w/5 qt. oil pan; 5/8" inlet tube	
1	Screen Assy.	91	224-1246	w/5 qt. oil pan; 5/8" inlet tube	
1	Screen Assy.	91	224-1346	w/5 qt. oil pan; 5/8" inlet tube	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	96	260-1735	Int. manifold gskts. not incl.; Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1269	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1269	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1269	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1269	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1269	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1269	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1269	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92	260-1269	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1269	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1269	Exh. pipe packing not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	96-91	260-2500	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	96-91	381-8059		
1	Steel Block Plug Kit	96-91	381-4011		
1	Brass Deep Cup Freeze Plug	96-91	381-9001	1.625" Diameter	
1	Steel Deep Cup Freeze Plug	96-91	381-3095	0.500" Diameter	
1	Steel Deep Cup Freeze Plug	96-91	381-3193	12mm Diameter	
KITS					
RE-RING KIT			PREMIUM KIT NO.	STANDARD KIT NO.	
YEARS	DESCRIPTION				
95-95	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6038 205-1038	
95-95	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6038M 205-1038M	
95-95	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6156 205-1156	

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
RE-RING KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156	205-1156
95-95	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156M	205-1156M
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156M	205-1156M
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038	205-1038
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038	205-1038
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038M	205-1038M
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038M	205-1038M
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156	205-1156
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156	205-1156
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156M	205-1156M
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156M	205-1156M
93-93	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038	205-1038
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038	205-1038
93-93	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038M	205-1038M
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038M	205-1038M
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156	205-1156
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156	205-1156
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156M	205-1156M
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6156M	205-1156M
92-92	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038	205-1038
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038	205-1038
92-92	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	205-6038M	205-1038M

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K			57 (cont.)
KITS				
RE-RING KIT (cont.)				
YEARS	DESCRIPTION		<i>PREMIUM KIT NO.</i>	<i>STANDARD KIT NO.</i>
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6038M	205-1038M
92-92	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6156	205-1156
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6156	205-1156
92-92	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6156M	205-1156M
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6156M	205-1156M
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6038	205-1038
91-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6038	205-1038
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6038M	205-1038M
91-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6038M	205-1038M
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6156	205-1156
91-91	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring	205-6156	205-1156
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6156M	205-1156M
91-91	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains	205-6156M	205-1156M
OVERHAUL KIT				
YEARS	DESCRIPTION		<i>PREMIUM KIT NO.</i>	<i>STANDARD KIT NO.</i>
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. L2403NF piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Mster w/Frg. Pstn. Prm. Rings	MKF-6038A	----
91-91	Exh. pipe packing not incl.; Incl. L2403NF piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Mster w/Frg. Pstn. Prm. Rings	MKF-6038A	----
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. L2403NF piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Mster w/Frg. Pstn. Prm. Rings	MKF-6038C	----
91-91	Exh. pipe packing not incl.; Incl. L2403NF piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Mster w/Frg. Pstn. Prm. Rings	MKF-6038C	----
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. L2403NF piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Mster w/Frg. Pstn. Prm. Rings	MKF-6038D	----
91-91	Exh. pipe packing not incl.; Incl. L2403NF piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Mster w/Frg. Pstn. Prm. Rings	MKF-6038D	----

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)		
KITS				
OVERHAUL KIT (cont.)				
YEARS	DESCRIPTION			
		PREMIUM KIT NO.		
		STANDARD KIT NO.		
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series aluminum brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs; Incl. H423ACP p; New Part Number - Check for Availability	Master	MKP-6394AN	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series aluminum brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs; Incl. H423ACP p; New Part Number - Check for Availability	Master	MKP-6394AN	----
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master	MKP-6394CN	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master	MKP-6394CN	----
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series aluminum brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs; Incl. H423ACP p; New Part Number - Check for Availability	Master	MKP-6394AN	----
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series aluminum brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs; Incl. H423ACP p; New Part Number - Check for Availability	Master	MKP-6394AN	----
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master	MKP-6394CN	----
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master	MKP-6394CN	----
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6394AN	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6394AN	----
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6394CN	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6394CN	----
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K			57 (cont.)
KITS				
OVERHAUL KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156DN	----
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings	BK-6084N	----

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6084N	----
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6084N	----
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings BK-6084N	----
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6085N	----
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6085N	----
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6085N	----
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6085N	----
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6085N	----
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6085N	----
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs BKP-6084N	----
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master ----	MKP-1394AN
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master ----	MKP-1394CN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master ----	MKP-1394AN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master ----	MKP-1394AN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master ----	MKP-1394CN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master ----	MKP-1394CN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156AN	MKP-1156AN
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet O.P.; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hyper.; w/machined valve reliefs; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156CN	MKP-1156CN
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master MKP-6156DN	MKP-1156DN
95-95	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-6394A	MK-1394A
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-6394A	MK-1394A
95-95	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain	Master w/o Pistons MK-6394C	MK-1394C
95-95	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain	Master w/o Pistons MK-6394C	MK-1394C
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-94	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6156C	MK-1156C
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6156C	MK-1156C
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6156D	MK-1156D
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6156D	MK-1156D
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-6394A	MK-1394A
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-6394A	MK-1394A
94-94	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain	Master w/o Pistons MK-6394C	MK-1394C
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain	Master w/o Pistons MK-6394C	MK-1394C
93-93	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
93-93	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
93-93	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6156C	MK-1156C
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6156C	MK-1156C
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6156D	MK-1156D
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6156D	MK-1156D
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-6394A	MK-1394A
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons MK-6394A	MK-1394A
93-93	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain	Master w/o Pistons MK-6394C	MK-1394C
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain	Master w/o Pistons MK-6394C	MK-1394C
92-92	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
92-92	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
92-92	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
92-92	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6156C	MK-1156C
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6156C	MK-1156C
92-92	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6156D	MK-1156D
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6156D	MK-1156D
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
91-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6038A	MK-1038A
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C
91-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons MK-6038C	MK-1038C
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
91-91	Exh. pipe packing not incl.; w/.200" deep oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons MK-6038D	MK-1038D
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A
91-91	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprocket	Master w/o Pistons MK-6156A	MK-1156A

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K			57 (cont.)
KITS				
OVERHAUL KIT (cont.)				
YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons	MK-6156C	MK-1156C
91-91	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprocket	Master w/o Pistons	MK-6156C	MK-1156C
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons	MK-6156D	MK-1156D
91-91	Exh. pipe packing not incl.; w/.165" shallow oil ring groove; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain	Master w/o Pistons	MK-6156D	MK-1156D
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	----	505-1394AN
95-95	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	----	505-1394CN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	----	505-1156DN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	----	505-1156DN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156AN	505-1156AN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156AN	505-1156AN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156CN	505-1156CN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6156CN	505-1156CN
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6394AN	505-1394AN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains	505-6394AN	505-1394AN

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K	57 (cont.)	
KITS			
OVERHAUL KIT (cont.)			
YEARS	DESCRIPTION	PREMIUM KIT NO.	STANDARD KIT NO.
94-94	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6394CN	505-1394CN
94-94	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6394CN	505-1394CN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains ----	505-1156DN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains ----	505-1156DN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6156AN	505-1156AN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6156AN	505-1156AN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6156CN	505-1156CN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6156CN	505-1156CN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6394AN	505-1394AN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6394AN	505-1394AN
93-93	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6394CN	505-1394CN
93-93	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains 505-6394CN	505-1394CN
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains ----	505-1156DN

GMC Truck (Incl. Minivans and SUV's)

57 (cont.)	1996 - 1991; 5.7L 350 OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K				57 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		----	505-1156DN
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156AN	505-1156AN
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156AN	505-1156AN
92-92	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156CN	505-1156CN
92-92	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156CN	505-1156CN
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; Incl. 423NP piston; w/o H/D Emissions; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		----	505-1156DN
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. double rlr. type chain; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		----	505-1156DN
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156AN	505-1156AN
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; w/.405" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156AN	505-1156AN
91-91	Exh. pipe packing not incl.; Exh. valve stem seals not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156CN	505-1156CN
91-91	Exh. pipe packing not incl.; w/o H/D Emissions; Incl. 423NP piston; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 5/8" inlet oil pump; Incl. single rlr. type chain; w/.280" tooth width sprkt.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H423ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6156CN	505-1156CN
58	2002 - 1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R				58
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	02-96	KT3-499SA5	Incl. hardened cam sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-732T; (1) 223-797	
1	3 Piece Set	02-96	KT3-4SR46A	.280" tooth width sprocket; (1) 222-4SR46; (1) 223-645; (1) 223-784	
1	3 Piece Set	96	KT3-499S	Powdered Metal Crank Sprocket; w/.405" tooth width sprocket; (1) 222-499; (1) 223-390; (1) 223-391	
1	Timing Chain	02-96	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Timing Chain	02-96	222-4SR46	Use w/.280" tooth width sprocket; 46 Links	

GMC Truck (Incl. Minivans and SUV's)

58 (cont.)		2002 - 1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R			58 (cont.)	
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Crank Sprocket	02-96	223-645		.280" tooth width sprocket; 18 Teeth	
1	Crank Sprocket	02-96	223-797		Under 8500 GVW; 18 Teeth	
1	Cam Sprocket	02-96	223-732T		Hardened; .405" tooth width sprocket; 36 Teeth	
1	Cam Sprocket	01-98	223-390		.405" tooth width sprocket; 36 Teeth	
1	Cam Sprocket	96	223-390		.405" tooth width sprocket; 36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	02-96	CS-1573		Hydraulic Roller, 195 Exh., 191 Int., 111 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	02-96	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	02-96	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	02-96	KC-1573		Hyd. rlr.; (1) 55-403B; (1) CS-1573; (16) HT-2148	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	02-96	RP-3348	Std Only	7.187" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm Assy.	02-96	R-973	Std Only	Incl. arm, ball & nut	
16	Arm Assy., Bulk	02-96	R-973B	Std Only	Incl. arm, ball & nut; Carton of 64	
16	Arm	02-96	R-973A	Std Only		
16	Rocker Arm Ball	02-96	MR-1783	Std Only		
16	Nut	02-96	MR-1751	Std Only	Self-locking, 3/8" x 24 threads	
16	Stud	02-96	MR-1752	Std Only	.003" O/S, 3/8" x 24 x 2.495"	
16	Stud	02-96	MR-1949	Std Only	.372" x 24 x 2.495"	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	02-96	V-4345	Std-15	Exc. Leaded fuel compatible; Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.	
8	Exhaust, Bulk	02-96	V-4345B 15	15	Exc. Leaded fuel compatible; Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.	
8	Intake	02-96	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	97-96	VG-1375	Std Only	Loc. Exh.; Use w/replaceable exh. valve guide; Caution when removing guide w/stepped OD; 0.374" ID, 2.2" O.A.L.	
8	Guide	97-96	VG-5046	Std Only	Loc. Exh.; .502" OD; 0.374" ID, 2.25" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	02-96	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	02-96	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
16	Valve Stem Seal	02-96	MV-1233C	Std Only	O-Ring; (RBB) Rubber	
16	Valve Stem Seal Bulk	02-96	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	02-96	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
32	Keeper	02-96	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
32	Keeper	02-96	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
32	Keeper, Bulk	02-96	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	02-96	H815ACP	Std-20-30-40-60	Use w/E-921K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
8	Cast Piston	02-96	H815P	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use H815ACP	
8	Cast Piston - Individual	02-96	WH815ACP	Std-20-30	Use w/WE-921K ring set; Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
8	Cast Piston - Individual	02-96	WH815P	Std-20-30	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use WH815ACP	

GMC Truck (Incl. Minivans and SUV's)

58 (cont.)	2002 - 1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R					58 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	02-96	8KH815ACP 30	30-40	Hypereutectic; w/machined valve reliefs and circlip grooves; Use w/LR-63 lock ring for floated applications; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.548 CD, Recessed Head .098" deep x 2.771 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.9275" Pin Dia.; New Part Number - Check for Availability	
1	Cast Piston Set w/Prem. Rings	02-96	8KH815P 30	30-40	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.550 CD, Recessed Head .100 deep x 2.750 dia. w/4 valve reliefs, 0.9275" Pin Dia.; Superseded - When depleted use 8KH815ACP 30	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-96	E-921K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly	
8	Premium Single Cylinder Set	02-96	WE-921K	Std-30	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-96	4663M	Std-1-2-10-20-30-40-60		
1	Main Set	02-96	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings	
1	Main Set	02-96	6688M 10	10-20-30	.020" O/S length flange brg.	
1	Main Set	02-96	7274MA 10X20	10X20	A-Series aluminum bearings; w/.020" O/S OD	
1	Main Set	02-96	7329MA 10	10-20	A-Series aluminum bearings; .010" O/S length flange brg.	
1	Rod Set	02-96	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings	
1	Rod Set	02-96	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	02-96	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy	
1	Rod Set	02-96	8-2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore; Overplated copper-lead alloy	
1	Rod Set	02-96	8-2555CA 60	60	Unplated & resizeable	
8	Rod Pair	02-96	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings	
8	Rod Pair	02-96	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy	
8	Rod Pair	02-96	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore	
8	Rod Pair	02-96	2555CA 60	60	Unplated & resizeable	
1	Cam Set	02-96	1235M	Std-1-10	Babbitt material; Full round design	
1	Cam Set	02-96	1749M	Std Only	Bi-Metal Aluminum	
1	Cam Set	02-96	2100M	Std Only	Race Performance	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-96	224-43469		3/4" inlet; w/nylon shaft guide	
1	Oil Pump	02-96	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Oil Pump	96	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Inter. Shaft	02-96	224-6146		Use w/nylon shaft guide	
1	Inter. Shaft	02-96	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	02-96	224-43343		Nylon	
1	Screen Assy.	02-96	224-14258		3/4" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-96	260-1735		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	02-96	260-1735T		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	02-96	260-2500	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	98-96	381-8059			
1	Steel Block Plug Kit	98-96	381-4011			
1	Brass Deep Cup Freeze Plug	98-96	381-9001		1.625" Diameter	
1	Steel Deep Cup Freeze Plug	98-96	381-3095		0.500" Diameter	
1	Steel Deep Cup Freeze Plug	98-96	381-3193		12mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6504	----
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring	205-6938	----
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6504M	----

GMC Truck (Incl. Minivans and SUV's)

58 (cont.)		2002 - 1996; 5.7L 350 OHV V8 (16 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code R			58 (cont.)	
KITS						
RE-RING KIT (cont.)						
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.	
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains		205-6938M	----	
OVERHAUL KIT						
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series alum. brgs; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem. valve stem seals incl.; Hardened cam sprkt.; Incl. 3/4" inlet O.P.; w/Nylon shaft guide; w/.405" tooth width sprkt.; Hyper.; w/mach. valve reliefs; Incl. H815ACP; New Part Number - Check for Availability	Master		MKP-6504N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series alum.brsgs.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Master		MKP-7024N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. hardened cam sprocket; Incl. 3/4" inlet oil pump; w/Nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons		MK-6504	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket	Master w/o Pistons		MK-7024	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet O.P.; w/nylon shaft guide; w/.405" tooth width sprkt.; Hardened cam sprkt.; Hyper.; w/mach. valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-6504N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. 3/4" inlet oil pump; w/nylon shaft guide; w/.405" tooth width sprocket; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Master w/o Rods & Mains		505-7024N	----	
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6086N	----	
02-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Block Kit w/Premium Rings		BK-6087N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; Incl. A-Series alum. brgs.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Prem valve stem seals incl.; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6086N	----	
98-96	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover gskt. not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. 3/4" inlet oil pump; Incl. nylon shaft guide; Hypereutectic; w/machined valve reliefs and circlip grooves; Incl. H815ACP piston; New Part Number - Check for Availability	Block Kit w/Oil Pump & Freeze Plugs		BKP-6087N	----	
59		2009 - 2008; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Hybrid (Gas/Electric); Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5			59	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability	

GMC Truck (Incl. Minivans and SUV's)

60		2010; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Flex Fuel Hybrid (Gas/Electric); Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				60
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	10	HT-2303	Std Only	3.785" O.A.L.; Displacement On Demand	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	10	RP-3349	Std Only	7.318" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	10	VS-1659	Std Only	2.08" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	10	VK-291	Std Only	1 groove	
61		2010 - 2007; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code K				61
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	10-07	222-4194		60 Links	
1	Crank Sprocket	10-07	223-827		22 Teeth	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Cam Set	09-07	1923M	Std Only	New Part Number - Check for Availability	
62		2008 - 1999; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code U				62
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	3 Piece Set	08	KT3-4205SA		Incl. Cam, Crank, Chain	
1	3 Piece Set	07-05	KT3-4205S		LQ4 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	04-99	KT3-4194S		(1) 222-4194; (1) 223-826; (1) 223-827	
1	Timing Chain	04-99	222-4194		60 Links	
1	Crank Sprocket	08-99	223-827		22 Teeth	
1	Cam Sprocket	04-99	223-826		44 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	08-99	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.	
16	Lifter, Bulk	08-99	HT-2148B	Std Only	Hyd. rlr.; Carton of 128	
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION	
16	Push Rod	08-99	RP-3349	Std Only	7.318" O.A.L.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	08-01	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.	
8	Exhaust	00-99	V-4722	Std Only	Exc. Nat. Gas Conversion; 1.5510" Head Dia., 0.3126" Stem Dia., 4.9150" O.A.L.; New Part Number - Check for Availability	
8	Intake	08-99	V-4644	Std Only	Exc. Nat. Gas Conversion; Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	08-99	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	08-99	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	08-99	VK-291	Std Only	1 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	07	H1129CT	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on head and in top compression groove, 23.962mm Pin Dia.	
8	Cast Piston	06	H1129CT	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on head and in top compression groove, 23.962mm Pin Dia.	
8	Cast Piston	05-04	H1128CT	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .056 deep x 3.155 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 23.962mm Pin Dia.	
8	Cast Piston	03	H1128CT	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .056 deep x 3.155 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 23.962mm Pin Dia.	
8	Cast Piston	03-99	H857CP	Std.-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .048 deep x 3.340 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.	
8	Pin Bushing	05-99	4514Y			

GMC Truck (Incl. Minivans and SUV's)

62 (cont.)		2008 - 1999; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code U				62 (cont.)	
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	06-99	E-921K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	06-99	WE-921K	Std-30	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-06	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Main Set	05-99	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Main Set	03-99	152M	Std-1-1X-10	Race Performance		
1	Rod Set	07-06	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	07-06	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	07-06	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	05-99	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	05-99	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	05-99	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy		
1	Rod Set	03-99	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side		
1	Rod Set	03-99	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side		
1	Rod Set	03-99	8-2555CA 60	60	Unplated & resizeable		
8	Rod Pair	07-06	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	07-06	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	07-06	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	05-01	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	05-01	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	05-99	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	00	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	00	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	99	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy		
8	Rod Pair	99	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore		
8	Rod Pair	03-99	2555CA 60	60	Unplated & resizeable		
1	Cam Set	08	1923M	Std Only	New Part Number - Check for Availability		
1	Cam Set	07-06	1898M	Std Only			
1	Cam Set	05-03	1898M	Std Only			
1	Cam Set	02-99	1888M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	08	224-43645		Std. volume & pressure		
1	Oil Pump	07	224-43645		Std. volume & pressure		
1	Oil Pump	06	224-43645		Std. volume & pressure		
1	Oil Pump	05-99	224-43645		Std. volume & pressure		
1	Screen Assy.	08	224-15070		New Part Number - Check for Availability		
1	Screen Assy.	07	224-15070		New Part Number - Check for Availability		
1	Screen Assy.	06	224-15070		New Part Number - Check for Availability		
1	Screen Assy.	05-99	224-15070		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-04	260-1956		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-02	260-1955		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01	260-1954		1st Design; Positive type valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01	260-1955		2nd Design; Top-Hat Design valve stem seals; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00-99	260-1883		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	04-99	260-2536	Std Only	1st Design; Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
01-01	1st design w/.492" valve guide OD; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6939	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring		205-6939	----
01-01	1st design w/.492" valve guide OD; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6939M	----

GMC Truck (Incl. Minivans and SUV's)

62 (cont.)	2008 - 1999; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code U				62 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Re-ring w/Mains		205-6939M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
01-01	1st design w/.492" valve guide OD; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6091	----
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings	Block Kit w/Premium Rings		BK-6091	----
63					
2009 - 2007; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Chain	09-07	222-4194	60 Links	
1	Crank Sprocket	09-07	223-827	22 Teeth	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Cam Set	09-07	1923M	Std Only	New Part Number - Check for Availability
64					
2007 - 2002; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code N					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	07-03	KT3-4205S	LQ9 Engine; Incl. Cam, Crank, Chain	
1	3 Piece Set	04-02	KT3-4194S	(1) 222-4194; (1) 223-826; (1) 223-827	
1	Timing Chain	04-02	222-4194	60 Links	
1	Crank Sprocket	07-02	223-827	22 Teeth	
1	Cam Sprocket	04-02	223-826	44 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	07-02	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.
16	Lifter, Bulk	07-02	HT-2148B	Std Only	Hyd. rlr.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	07-02	RP-3349	Std Only	7.318" O.A.L.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	07-02	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.
8	Intake	07-02	V-4644	Std Only	Exc. Nat. Gas Conversion; Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
16	Guide	07-02	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	07-02	VS-1659	Std Only	Loc. Int. & Exh.; 2.08" Free Height
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	07-02	VK-291	Std Only	1 groove
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	07-02	H1129CT	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on head and in top compression groove, 23.962mm Pin Dia.
8	Pin Bushing	05-02	4514Y		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	06-02	E-921K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly
8	Premium Single Cylinder Set	06-02	WE-921K	Std-30	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	07-02	7298MA	Std-10-20-30-40	A-Series aluminum bearings
1	Main Set	03-02	152M	Std-1-1X-10	Race Performance
1	Rod Set	07-02	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	07-02	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore
1	Rod Set	03-02	8-7100CH	Std-1-1X-9-10-11-19-20-21-30	Race Performance; Chamfered on one side
1	Rod Set	03-02	C8-7100CH	Std-1-1X-10-20-30	Race Performance; DUROSHIELD® coated bearings; w/o Dowel hole; Chamfered on one side
1	Rod Set	03-02	8-2555CA 60	60	Unplated & resizeable

GMC Truck (Incl. Minivans and SUV's)

64 (cont.)		2007 - 2002; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec H.O.; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code N				64 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Rod Pair	07-02	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
8	Rod Pair	03-02	2555CA 60	60	Unplated & resizeable		
1	Cam Set	07-03	1898M	Std Only			
1	Cam Set	02	1888M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-02	224-43645		Std. volume & pressure		
1	Screen Assy.	07-02	224-15070		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-04	260-1956		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-02	260-1955		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	04-02	260-2536	Std Only	1st Design; Replacement recommended		
65		2009 - 2005; 6.0L 364 (5967cc) OHV V8 (16 Valve), 101.6mm Bore Vortec LS-2; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code H				65	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	08-07	KT3-4205SA		Incl. Cam, Crank, Chain		
1	3 Piece Set	06-05	KT3-4205S		Incl. Cam, Crank, Chain		
1	Crank Sprocket	07-05	223-827		22 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	09-05	HT-2148	Std Only	Hyd. rlr.; 2.600" O.A.L.		
16	Lifter, Bulk	09-05	HT-2148B	Std Only	Hyd. rlr.; Carton of 128		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	09-05	RP-3349	Std Only	7.318" O.A.L.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	09-05	V-4593	Std Only	Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.		
8	Intake	09-05	V-4644	Std Only	Exc. Nat. Gas Conversion; Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	06-05	VG-1434	Std Only	Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	09-05	VK-291	Std Only	1 groove		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Pin Bushing	05	4514Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	06-05	E-921K	Std-20-30-40-60	2-1.50MM, 1-3.00MM; Premium Moly		
8	Premium Single Cylinder Set	06-05	WE-921K	Std-30	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-05	7298MA	Std-10-20-30-40	A-Series aluminum bearings		
1	Rod Set	09-05	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings		
1	Rod Set	09-05	8-2555A 10X2	10X2-20X2-30X2-40X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
8	Rod Pair	09-05	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings		
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability		
1	Cam Set	07-05	1898M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	05	224-43645		Std. volume & pressure		
66		2009; 6.2L 378 (6195cc) OHV V8 (16 Valve), 103.25mm Bore Vortec; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 2				66	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	09	1923M	Std Only	New Part Number - Check for Availability		
67		2009 - 2008; 6.2L 378 (6195cc) OHV V8 (16 Valve), 103.25mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 8				67	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	09-08	1923M	Std Only	New Part Number - Check for Availability		

GMC Truck (Incl. Minivans and SUV's)

68	1993 - 1991; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore H/D; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				68
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	93-91	KT3-181S	(1) 222-181; (1) 223-375; (1) 223-524	
1	Timing Chain	93-91	222-181	48 Links	
1	Crank Sprocket	93-91	223-375	18 Teeth	
1	Cam Sprocket	93-91	223-524	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	93-91	CS-770	Hydraulic, (050) Duration at .050 Lobe Lift	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
16	Lifter	93-91	HT-2104	Std Only Hyd. rlr.	
16	Lifter, Bulk	93-91	HT-2104B	Std Only Hyd. rlr.; Carton of 113	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	93-91	KC-770	Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	93-91	RP-3342	Std Only 8.8215" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	93-91	R-950D	Std Only Incl. arm; Incl. retainer	
16	Arm	93-91	R-950	Std Only Stamped steel	
16	Retainer	93-91	MR-1948	Std Only	
16	Retainer, Bulk	93-91	MR-1948B	Std Only Carton of 1000	
2	Rocker Shaft	93-91	RS-676	Std Only w/late style stamped steel rockers	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	93-91	V-2288X	Std Only Chrome plated stem; 1.496" Head Dia., 0.3719" Stem Dia., 5.108" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	93-91	VG-5052T	Std Only Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	93-91	VS-820	Std Only 2.035" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	93-91	MV-1233C	Std Only O-Ring; (RBB) Rubber	
16	Valve Stem Seal Bulk	93-91	MV-1233	Std Only O-Ring; Carton of 100; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	93-91	245-1562-36	Std Only Loc. Exh.; Use w/V-2288X; 1.567" OD, 1.3125" ID, 0.186" Depth	
8	Seat	93-91	245-2000-22	Std Only Loc. Int.; 2.0055" OD, 1.75" ID, 0.154" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	93-91	VK-115	Std Only 1 groove; Square cut key groove; Carton pack 32	
32	Keeper	93-91	VK-115A	Std Only 1 groove; Square cut key groove; Carton pack 24	
32	Keeper	93-91	VK-115R	Std Only 1 groove; Square cut key groove; Hardened	
32	Keeper, Bulk	93-91	VK-115B	Std Only 1 groove; Square cut key groove; Carton of 1000	
8	Rotocap	93-91	RC-157S	Std Only Loc. Exh.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	93-91	H587CP	Std-50-75-1.00-1.50MM Hypereutectic; 1 -, 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 2.114 CD, Flat Head w/Ricardo Cup & Keystone top ring groove - 21.5:1 C.R.; DUROSHIELD® skirt coated piston, 1.2204" Pin Dia.	
8	Cast Piston - Individual	93-91	WH587CP	Std-50-75-1.00-1.50MM Hypereutectic; 1 -, 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 2.114 CD, Flat Head w/Ricardo Cup & Keystone top ring groove - 21.5:1 C.R.; DUROSHIELD® skirt coated piston, 1.2204" Pin Dia.	
8	Cast Piston - Individual	93-91	WH587P	Std-50-75-1.00-1.50MM Hypereutectic; 1 -, 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 2.114 CD, Flat Head w/Ricardo Cup & Keystone top ring groove - 21.5:1 C.R., 1.2204" Pin Dia.; Superseded - When depleted use WH587CP	
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	93-91	E-468K	Std-50-75-1.00-1.50MM 1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
8	Premium Single Cylinder Set	93-91	WE-468K	Std-50-75-1.00-1.50MM 1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	93-91	7370M	Std-.026-.25-.50-.75MM 3/4 grooved	
1	Rod Set	93-91	8-3860P	Std-.026-.25-.50-.75MM	
8	Rod Pair	93-91	3860P	Std-.026-.25-.50-.75MM	
1	Cam Set	93-91	1496M	Std Only Full round design	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	93-91	224-43424		
1	Oil Pump	92	224-4143	High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide	
1	Oil Pump	92	224-4146	5/8" inlet	
1	Oil Pump	92	224-43469V	High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide	
1	Inter. Shaft	93-91	224-6143H		
1	Inter. Shaft	92	224-6146	Use w/224-43343; Use w/nylon shaft guide	
1	Inter. Shaft	92	224-6146E	Has steel shaft guide; Eliminates nylon shaft guide	
1	Oil Pump Shaft Guide	93-91	224-43351	Nylon	

GMC Truck (Incl. Minivans and SUV's)

68 (cont.)		1993 - 1991; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore H/D; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				68 (cont.)	
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump Shaft Guide	92	224-43343	Use w/224-6146; Nylon			
1	Screen Assy.	93-91	224-1143H				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	93-92	260-1620	Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
1	Kit Gasket Set	93-92	260-1621	Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
1	Kit Gasket Set	91	260-1315	Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
1	Kit Gasket Set	91	260-1619	Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
2	Head Bolt Set	93-91	260-2507	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	93-91	381-8057				
1	Brass Deep Cup Freeze Plug	93-91	381-9001	1.625" Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3178	16.5mm Diameter			
1	Steel Shallow Cup Freeze Plug	93-91	381-2154	2.219" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring	205-6258	----	
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.			Re-ring	205-6259	----	
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.			Re-ring	205-6084	----	
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring	205-6257	----	
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6258M	----	
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6259M	----	
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6084M	----	
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6257M	----	
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master	MKP-6258A	----	
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Master	MKP-6259A	----	
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Master	MKP-6084A	----	
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master	MKP-6257A	----	
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master w/o Pistons	MK-6258A	----	
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Master w/o Pistons	MK-6259A	----	
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Master w/o Pistons	MK-6084A	----	
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master w/o Pistons	MK-6257A	----	
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Master w/o Rods & Mains	505-6258A	----	
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.			Master w/o Rods & Mains	505-6259A	----	
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.			Master w/o Rods & Mains	505-6084A	----	
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Master w/o Rods & Mains	505-6257A	----	
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6094	----	
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6095	----	

GMC Truck (Incl. Minivans and SUV's)

68 (cont.)	1993 - 1991; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore H/D; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				68 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Block Kit w/Premium Rings	BK-6092	----
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Premium Rings	BK-6093	----
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6094	----
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6095	----
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6092	----
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs	BKP-6093	----
69					
1993 - 1991; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore L/D; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code C					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	93-91	KT3-181S	(1) 222-181; (1) 223-375; (1) 223-524	
1	Timing Chain	93-91	222-181	48 Links	
1	Crank Sprocket	93-91	223-375	18 Teeth	
1	Cam Sprocket	93-91	223-524	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	93-91	CS-770	Hydraulic, (050) Duration at .050 Lobe Lift	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	93-91	HT-2104	Std Only	Hyd. rlr.
16	Lifter, Bulk	93-91	HT-2104B	Std Only	Hyd. rlr.; Carton of 113
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	93-91	KC-770	Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	93-91	RP-3342	Std Only	8.8215" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	93-91	R-950D	Std Only	Incl. arm; Incl. retainer
16	Arm	93-91	R-950	Std Only	Stamped steel
16	Retainer	93-91	MR-1948	Std Only	
16	Retainer, Bulk	93-91	MR-1948B	Std Only	Carton of 1000
2	Rocker Shaft	93-91	RS-676	Std Only	w/late style stamped steel rockers
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	93-91	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	93-91	VG-5052T	Std Only	Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	93-91	VS-820	Std Only	2.035" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	93-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber
16	Valve Stem Seal Bulk	93-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	93-91	245-1562-36	Std Only	Loc. Exh.; Use w/V-2288X; 1.567" OD, 1.3125" ID, 0.186" Depth
8	Seat	93-91	245-2000-22	Std Only	Loc. Int.; 2.0055" OD, 1.75" ID, 0.154" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
8	Rotocap	93-91	RC-157S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	93-91	H587CP	Std-50-75-1.00-1.50MM	Hypereutectic; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 2.114 CD, Flat Head w/Ricardo Cup & Keystone top ring groove - 21.5:1 C.R.; DUROSHIELD® skirt coated piston, 1.2204" Pin Dia.
8	Cast Piston - Individual	93-91	WH587CP	Std-50-75-1.00-1.50MM	Hypereutectic; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 2.114 CD, Flat Head w/Ricardo Cup & Keystone top ring groove - 21.5:1 C.R.; DUROSHIELD® skirt coated piston, 1.2204" Pin Dia.

GMC Truck (Incl. Minivans and SUV's)

69 (cont.)		1993 - 1991; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore L/D; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code C				69 (cont.)		
BLOCK								
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION			
8	Cast Piston - Individual	93-91	WH587P	Std-50-75-1.00-1.50MM	Hypereutectic; 1 -, 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 2.114 CD, Flat Head w/Ricardo Cup & Keystone top ring groove - 21.5:1 C.R., 1.2204" Pin Dia.; Superseded - When depleted use WH587CP			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	93-91	E-468K	Std-50-75-1.00-1.50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly			
8	Premium Single Cylinder Set	93-91	WE-468K	Std-50-75-1.00-1.50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	93-91	7370M	Std-.026-.25-.50-.75MM	3/4 grooved			
1	Rod Set	93-91	8-3860P	Std-.026-.25-.50-.75MM				
8	Rod Pair	93-91	3860P	Std-.026-.25-.50-.75MM				
1	Cam Set	93-91	1496M	Std Only	Full round design			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	93-91	224-4342A					
1	Oil Pump	92	224-4143		High Volume, check pan for clearance; 5/8" inlet; Use shaft w/steel guide			
1	Oil Pump	92	224-4146		5/8" inlet			
1	Oil Pump	92	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide			
1	Inter. Shaft	93-91	224-6143H					
1	Inter. Shaft	92	224-6146		Use w/224-43343; Use w/nylon shaft guide			
1	Inter. Shaft	92	224-6146E		Has steel shaft guide; Eliminates nylon shaft guide			
1	Oil Pump Shaft Guide	93-91	224-43351		Nylon			
1	Oil Pump Shaft Guide	92	224-43343		Use w/224-6146; Nylon			
1	Screen Assy.	93-91	224-1143H					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	93-92	260-1620		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
1	Kit Gasket Set	93-92	260-1621		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
1	Kit Gasket Set	91	260-1315		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
1	Kit Gasket Set	91	260-1619		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			
2	Head Bolt Set	93-91	260-2507	Std Only	Replacement recommended			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	93-91	381-8057					
1	Brass Deep Cup Freeze Plug	93-91	381-9001		1.625" Diameter			
1	Steel Deep Cup Freeze Plug	93-91	381-3178		16.5mm Diameter			
1	Steel Shallow Cup Freeze Plug	93-91	381-2154		2.219" Diameter			
KITS								
RE-RING KIT					PREMIUM	STANDARD		
YEARS	DESCRIPTION				KIT NO.	KIT NO.		
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring		205-6258	----		
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.		Re-ring		205-6259	----		
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.		Re-ring		205-6084	----		
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring		205-6257	----		
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains		205-6258M	----		
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains		205-6259M	----		
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains		205-6084M	----		
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains		205-6257M	----		
OVERHAUL KIT					PREMIUM	STANDARD		
YEARS	DESCRIPTION				KIT NO.	KIT NO.		
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Master		MKP-6257A	----		
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Master w/o Pistons		MK-6258A	----		
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Master w/o Pistons		MK-6259A	----		
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.		Master w/o Pistons		MK-6084A	----		

GMC Truck (Incl. Minivans and SUV's)

69 (cont.)	1993 - 1991; 6.2L 379 (6211cc) OHV V8 (16 Valve), 101mm Bore L/D; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code C				69 (cont.)
KITS					
OVERHAUL KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Master w/o Pistons		MK-6257A	----
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	Master w/o Rods & Mains		505-6258A	----
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.	Master w/o Rods & Mains		505-6259A	----
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.	Master w/o Rods & Mains		505-6084A	----
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Master		MKP-6258A	----
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.	Master		MKP-6259A	----
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.	Master		MKP-6084A	----
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	Master w/o Rods & Mains		505-6257A	----
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6094	----
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6095	----
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6092	----
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6093	----
93-92	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6094	----
93-92	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6095	----
91-91	Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. std. thickness head gskts.; Incl. 3/4 grooved main brgs.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6092	----
91-91	Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6093	----
70	2002 - 1992; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code F				70
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	02-94	KT3-181SA	(1) 222-181; (1) 223-524; (1) 223-807	
1	3 Piece Set	93-92	KT3-181S	(1) 222-181; (1) 223-375; (1) 223-524	
1	Timing Chain	02-92	222-181	48 Links	
1	Crank Sprocket	93-92	223-375	18 Teeth	
1	Cam Sprocket	02-92	223-524	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	02-92	CS-770	Hydraulic, (050) Duration at .050 Lobe Lift	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	02-92	HT-2104	Std Only	Hyd. rlr.
16	Lifter, Bulk	02-92	HT-2104B	Std Only	Hyd. rlr.; Carton of 113
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	02-92	KC-770	Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	02-92	RP-3342	Std Only	8.8215" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	02-92	R-950D	Std Only	Incl. arm; Incl. retainer
16	Arm	02-92	R-950	Std Only	Stamped steel
16	Retainer	02-92	MR-1948	Std Only	
16	Retainer, Bulk	02-92	MR-1948B	Std Only	Carton of 1000
2	Rocker Shaft	96-92	RS-676	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	02-92	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.
8	Intake	02-92	V-2287	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	97-92	VG-5052T	Std Only	Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	02-92	VS-820	Std Only	2.035" Free Height

GMC Truck (Incl. Minivans and SUV's)

70 (cont.)		2002 - 1992; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code F				70 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-92	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber		
16	Valve Stem Seal Bulk	02-92	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	02-92	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	02-92	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	02-92	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	02-92	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
8	Rotocap	02-92	RC-157S	Std Only	Loc. Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	02-92	2773PNA	Std-50-75MM	Cast; 1 -, 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia.		
8	Pin Bushing	02-92	3864Y20		w/.020" extra bore stock		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-92	E-626K	Std-50-75MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	02-92	WE-626K	Std-50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-92	7370M	Std-.026-.25-.50-.75MM	3/4 grooved		
1	Rod Set	02-92	8-3860P	Std-.026-.25-.50-.75MM			
8	Rod Pair	02-92	3860P	Std-.026-.25-.50-.75MM			
1	Cam Set	02-92	1496M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-97	224-43621		Incl. screen		
1	Oil Pump	96-92	224-43424				
1	Inter. Shaft	00-92	224-6143H				
1	Oil Pump Shaft Guide	00-92	224-43351		Nylon		
1	Screen Assy.	96-92	224-1143H				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-92	260-1772		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
1	Kit Gasket Set	02-92	260-1773		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
2	Head Bolt Set	02-92	260-2507	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-92	381-8057				
1	Brass Deep Cup Freeze Plug	98-92	381-9001		1.625" Diameter		
1	Steel Deep Cup Freeze Plug	98-92	381-3178		16.5mm Diameter		
1	Steel Shallow Cup Freeze Plug	98-92	381-2154		2.219" Diameter		
KITS							
RE-RING KIT						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
02-92	Std. head gskt. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.				Re-ring	205-6866	----
02-92	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.				Re-ring	205-6934	----
02-92	Std. head gskt. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.				Re-ring w/Mains	205-6866M	----
02-92	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.				Re-ring w/Mains	205-6934M	----
OVERHAUL KIT						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; Incl. oil pump screen				Master	MKP-7025	----
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; When depleted use MKP-7026				Master	MKP-6359A	----
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.				Master	MKP-7026	----
93-92	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.				Master	MKP-7027	----
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; Incl. oil pump screen				Master w/o Pistons	MK-7025	----
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.				Master w/o Pistons	MK-7026	----

GMC Truck (Incl. Minivans and SUV's)

70 (cont.)	2002 - 1992; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code F					70 (cont.)	
KITS							
OVERHAUL KIT (cont.)						PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION						
93-92	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master w/o Pistons	MK-7027	----	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. oil pump screen			Master w/o Rods & Mains	505-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Master w/o Rods & Mains	505-7026	----	
93-92	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Master w/o Rods & Mains	505-7027	----	
02-92	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6096	----	
02-92	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6097	----	
96-92	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6096	----	
96-92	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6097	----	
71	2005 - 2002; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code Z					71	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	02	KT3-181SA		(1) 222-181; (1) 223-524; (1) 223-807		
1	Timing Chain	02	222-181		48 Links		
1	Cam Sprocket	02	223-524		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	02	CS-770		Hydraulic, (050) Duration at .050 Lobe Lift		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	02	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	02	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	02	KC-770		Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	02	RP-3342	Std Only	8.8215" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	02	R-950D	Std Only	Incl. arm; Incl. retainer		
16	Arm	02	R-950	Std Only	Stamped steel		
16	Retainer	02	MR-1948	Std Only			
16	Retainer, Bulk	02	MR-1948B	Std Only	Carton of 1000		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	02	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.		
8	Intake	02	V-2287	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	02	VS-820	Std Only	2.035" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber		
16	Valve Stem Seal Bulk	02	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	02	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	02	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	02	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	02	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
8	Rotocap	02	RC-157S	Std Only	Loc. Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	02	2773PNA	Std-50-.75MM	Cast; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia. w/.020" extra bore stock		
8	Pin Bushing	02	3864Y20				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02	E-626K	Std-50-.75MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	02	WE-626K	Std-.50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02	7370M	Std-.026-.25-.50-.75MM	3/4 grooved		
1	Rod Set	02	8-3860P	Std-.026-.25-.50-.75MM			

GMC Truck (Incl. Minivans and SUV's)

71 (cont.)		2005 - 2002; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code Z				71 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Rod Pair	02	3860P	Std.-026-25-50-.75MM			
1	Cam Set	02	1496M	Std Only	Full round design		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	05-02	260-1772		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
1	Kit Gasket Set	05-02	260-1773		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
2	Head Bolt Set	05-02	260-2507	Std Only	Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
02-02	Std. head gskt. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring		205-6866	----
02-02	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring		205-6934	----
02-02	Std. head gskt. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains		205-6866M	----
02-02	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring w/Mains		205-6934M	----
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
02-02	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings		BK-6096	----
02-02	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings		BK-6097	----
72		2002 - 1994; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore H.O.; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code S				72	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	02-94	KT3-181SA		(1) 222-181; (1) 223-524; (1) 223-807		
1	Timing Chain	02-94	222-181		48 Links		
1	Cam Sprocket	02-94	223-524		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	02-94	CS-770		Hydraulic, (050) Duration at .050 Lobe Lift		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	02-94	HT-2104	Std Only	Hyd. rlr.		
16	Lifter, Bulk	02-94	HT-2104B	Std Only	Hyd. rlr.; Carton of 113		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	02-94	KC-770		Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
16	Push Rod	02-94	RP-3342	Std Only	8.8215" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	02-94	R-950D	Std Only	Incl. arm; Incl. retainer		
16	Arm	02-94	R-950	Std Only	Stamped steel		
16	Retainer	02-94	MR-1948	Std Only			
16	Retainer, Bulk	02-94	MR-1948B	Std Only	Carton of 1000		
2	Rocker Shaft	96-94	RS-676	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	02-94	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.		
8	Intake	02-94	V-2287	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	97-94	VG-5052T	Std Only	Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	02-94	VS-820	Std Only	2.035" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-94	MV-1233C	Std Only	Loc. Int. & Exh.; O-Ring; (RBB) Rubber		
16	Valve Stem Seal Bulk	02-94	MV-1233	Std Only	Loc. Int. & Exh.; O-Ring; Carton of 100; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	02-94	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	02-94	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	02-94	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	02-94	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
8	Rotocap	02-94	RC-157S	Std Only	Loc. Exh.		

GMC Truck (Incl. Minivans and SUV's)

72 (cont.)	2002 - 1994; 6.5L 395 (6468cc) OHV Turbo V8 (16 Valve), 103mm Bore H.O.; MFI; Diesel; Turbo GMC Eng.; Chevrolet; VIN Code S					72 (cont.)	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	02-94	2773PNA	Std-50-.75MM	Cast; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia. w/.020" extra bore stock		
8	Pin Bushing	02-94	3864Y20				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-94	E-626K	Std.-50-.75MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	02-94	WE-626K	Std.-50MM		1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-94	7370M	Std.-026-.25-50-.75MM	3/4 grooved Full round design		
1	Rod Set	02-94	8-3860P	Std.-026-.25-50-.75MM			
8	Rod Pair	02-94	3860P	Std.-026-.25-50-.75MM			
1	Cam Set	02-94	1496M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-97	224-43621		Incl. screen Nylon		
1	Oil Pump	96-94	224-43424				
1	Inter. Shaft	00-94	224-6143H				
1	Oil Pump Shaft Guide	00-94	224-43351				
1	Screen Assy.	96-94	224-1143H				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-94	260-1772		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl. Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl. Replacement recommended		
1	Kit Gasket Set	02-94	260-1773				
2	Head Bolt Set	02-94	260-2507	Std Only			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-94	381-8057		1.625" Diameter 16.5mm Diameter 2.219" Diameter		
1	Brass Deep Cup Freeze Plug	98-94	381-9001				
1	Steel Deep Cup Freeze Plug	98-94	381-3178				
1	Steel Shallow Cup Freeze Plug	98-94	381-2154				
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-94	Std. head gskt. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring		205-6866	----	
02-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring		205-6934	----	
02-94	Std. head gskt. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains		205-6866M	----	
02-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Re-ring w/Mains		205-6934M	----	
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; Incl. oil pump screen		Master		MKP-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; When depleted use MKP-7026		Master		MKP-6359A	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Master		MKP-7026	----	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; Incl. oil pump screen		Master w/o Pistons		MK-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Master w/o Pistons		MK-7026	----	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. oil pump screen		Master w/o Rods & Mains		505-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		Master w/o Rods & Mains		505-7026	----	
02-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Premium Rings		BK-6096	----	
02-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Premium Rings		BK-6097	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6096	----	
96-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6097	----	

GMC Truck (Incl. Minivans and SUV's)

73		1995 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P			73
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	95-94	KT3-181SA	(1) 222-181; (1) 223-524; (1) 223-807	
1	Timing Chain	95-94	222-181	48 Links	
1	Cam Sprocket	95-94	223-524	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	95-94	CS-770	Hydraulic, (050) Duration at .050 Lobe Lift	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
16	Lifter	95-94	HT-2104	Std Only Hyd. rlr.	
16	Lifter, Bulk	95-94	HT-2104B	Std Only Hyd. rlr.; Carton of 113	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95-94	KC-770	Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	95-94	RP-3342	Std Only 8.8215" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	95-94	R-950D	Std Only Incl. arm; Incl. retainer	
16	Arm	95-94	R-950	Std Only Stamped steel	
16	Retainer	95-94	MR-1948	Std Only	
16	Retainer, Bulk	95-94	MR-1948B	Std Only Carton of 1000	
2	Rocker Shaft	95-94	RS-676	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	95-94	V-4491X	Std Only Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.	
8	Intake	95-94	V-2287	Std Only Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	95-94	VG-5052T	Std Only Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	95-94	VS-820	Std Only 2.035" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	94	245-1937-17	Std Only Loc. Int.; 1.9425" OD, 1.6875" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	95-94	VK-115	Std Only 1 groove; Square cut key groove; Carton pack 32	
32	Keeper	95-94	VK-115A	Std Only 1 groove; Square cut key groove; Carton pack 24	
32	Keeper	95-94	VK-115R	Std Only 1 groove; Square cut key groove; Hardened	
32	Keeper, Bulk	95-94	VK-115B	Std Only 1 groove; Square cut key groove; Carton of 1000	
8	Rotocap	95-94	RC-157S	Std Only Loc. Exh.	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	95-94	2773PNA	Std.-50-.75MM Cast; 1 -, 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia. w/.020" extra bore stock	
8	Pin Bushing	95-94	3864Y20		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	95-94	E-626K	Std.-50-.75MM 1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
8	Premium Single Cylinder Set	95-94	WE-626K	Std.-50MM 1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	95-94	7370M	Std.-026-.25-.50-.75MM 3/4 grooved	
1	Rod Set	95-94	8-3860P	Std.-026-.25-.50-.75MM	
8	Rod Pair	95-94	3860P	Std.-026-.25-.50-.75MM	
1	Cam Set	95-94	1496M	Std Only Full round design	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	95-94	224-43424		
1	Inter. Shaft	95-94	224-6143H		
1	Oil Pump Shaft Guide	95-94	224-43351	Nylon	
1	Screen Assy.	95-94	224-1143H		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	95-94	260-1772	Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	
1	Kit Gasket Set	95-94	260-1773	Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	
2	Head Bolt Set	95-94	260-2507	Std Only Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	95-94	381-8057		
1	Brass Deep Cup Freeze Plug	95-94	381-9001	1.625" Diameter	
1	Steel Deep Cup Freeze Plug	95-94	381-3178	16.5mm Diameter	
1	Steel Shallow Cup Freeze Plug	95-94	381-2154	2.219" Diameter	

GMC Truck (Incl. Minivans and SUV's)

73 (cont.)	1995 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				73 (cont.)
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	Re-ring		205-6866	----
95-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	Re-ring		205-6934	----
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Re-ring w/Mains		205-6866M	----
95-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	Re-ring w/Mains		205-6934M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; When depleted use MKP-7026	Master		MKP-6359A	----
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Master		MKP-7026	----
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Master w/o Pistons		MK-7026	----
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.	Master w/o Rods & Mains		505-7026	----
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6096	----
95-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Premium Rings		BK-6097	----
95-94	Std. head gsks. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6096	----
95-94	Incl. .010" thicker head gsks.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6097	----
74					
1999 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore H.O.; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	99-94	KT3-181SA	(1) 222-181; (1) 223-524; (1) 223-807	
1	Timing Chain	99-94	222-181	48 Links	
1	Cam Sprocket	99-94	223-524	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	99-94	CS-770	Hydraulic, (050) Duration at .050 Lobe Lift	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	98-94	HT-2104	Std Only	Hyd. rlr.
16	Lifter, Bulk	98-94	HT-2104B	Std Only	Hyd. rlr.; Carton of 113
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	98-94	KC-770	Hyd. rlr.; (1) 55-403B; (1) CS-770; (16) HT-2104	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
16	Push Rod	95-94	RP-3342	Std Only	8.8215" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
16	Arm Assy.	97-94	R-950D	Std Only	Incl. arm; Incl. retainer
16	Arm	97-94	R-950	Std Only	Stamped steel
16	Retainer	97-94	MR-1948	Std Only	
16	Retainer, Bulk	97-94	MR-1948B	Std Only	Carton of 1000
2	Rocker Shaft	96-94	RS-676	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	97-94	V-4491X	Std Only	Chrome plated stem; 1.535" Head Dia., 0.3718" Stem Dia., 5.112" O.A.L.
8	Intake	97-94	V-2287	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3413" Stem Dia., 5.108" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	97-94	VG-5052T	Std Only	Loc. Int.; Threaded; 0.343" ID, 2.12" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	97-94	VS-820	Std Only	2.035" Free Height
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	94	245-1937-17	Std Only	Loc. Int.; 1.9425" OD, 1.6875" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	97-94	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	97-94	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	97-94	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	97-94	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000

GMC Truck (Incl. Minivans and SUV's)

74 (cont.)		1999 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore H.O.; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y				74 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Rotocap	97-94	RC-157S	Std Only	Loc. Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	99-94	2773PNA	Std.-50-.75MM	Cast; 1 - , 3.00mm Groove, 1 - 2.00mm Groove, 1 - 4.00mm Groove, 53.77mm CD, Flat Head w/Ricardo Cup; Anodized top, 30.988mm Pin Dia. w/.020" extra bore stock		
8	Pin Bushing	99-94	3864Y20				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	99-94	E-626K	Std.-50-.75MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
8	Premium Single Cylinder Set	99-94	WE-626K	Std.-50MM	1-3.00MM, 1-2.00MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	99-94	7370M	Std.-026-.25-.50-.75MM	3/4 grooved		
1	Rod Set	99-94	8-3860P	Std.-026-.25-.50-.75MM			
8	Rod Pair	99-94	3860P	Std.-026-.25-.50-.75MM			
1	Cam Set	99-94	1496M	Std Only	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-97	224-43621		Incl. screen		
1	Oil Pump	96-94	224-43424				
1	Inter. Shaft	99-94	224-6143H				
1	Oil Pump Shaft Guide	99-94	224-43351		Nylon		
1	Screen Assy.	96-94	224-1143H				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	99-94	260-1772		Head bolts not incl.; Incl. std. thickness head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
1	Kit Gasket Set	99-94	260-1773		Head bolts not incl.; Incl. .010" thicker head gskts.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.		
2	Head Bolt Set	99-94	260-2507	Std Only	Replacement recommended		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-94	381-8057				
1	Brass Deep Cup Freeze Plug	98-94	381-9001		1.625" Diameter		
1	Steel Deep Cup Freeze Plug	98-94	381-3178		16.5mm Diameter		
1	Steel Shallow Cup Freeze Plug	98-94	381-2154		2.219" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
99-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring	205-6866	----	
99-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring	205-6934	----	
99-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Re-ring w/Mains	205-6866M	----	
99-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Re-ring w/Mains	205-6934M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; Incl. oil pump screen			Master	MKP-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; When depleted use MKP-7026			Master	MKP-6359A	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master	MKP-7026	----	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.; Incl. oil pump screen			Master w/o Pistons	MK-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Master w/o Pistons	MK-7026	----	
98-97	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. oil pump screen			Master w/o Rods & Mains	505-7025	----	
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.			Master w/o Rods & Mains	505-7026	----	
99-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6096	----	
99-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.			Block Kit w/Premium Rings	BK-6097	----	

GMC Truck (Incl. Minivans and SUV's)

74 (cont.)	1999 - 1994; 6.5L 395 (6468cc) OHV V8 (16 Valve), 103mm Bore H.O.; MFI; Diesel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code Y					74 (cont.)
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
96-94	Std. head gskts. incl.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6096	----
96-94	Incl. .010" thicker head gskts.; Head bolts not incl.; Exh. pipe packing not incl.; Positive control exh. valve stem seals not incl.; Incl. 3/4 grooved main brgs.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6097	----
75 2005 - 2001; 6.6L 402 (6599cc) OHV Turbo - Intercooled V8 (32 Valve), 103mm Bore Duramax; MFI; Diesel; Turbo - Intercooled GMC Eng.; VIN Code 1						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
16	Exhaust	05-01	V-4692	Std Only		
16	Intake	05-01	V-4691	Std Only		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
64	Keeper	05-01	VK-247	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-01	7429M	Std-10-20		
1	Thrust Washer Set	05-01	4996F	Std Only		
1	Rod Set	05-01	8-4995P	Std-10-20		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-01	224-43650			
76 2007 - 2004; 6.6L 402 (6599cc) OHV Turbo - Intercooled V8 (32 Valve), 103mm Bore Duramax; MFI; Diesel; Turbo - Intercooled GMC Eng.; VIN Code 2						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
16	Exhaust	07-04	V-4692	Std Only		
16	Intake	07-04	V-4691	Std Only		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
64	Keeper	07-04	VK-247	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	06-04	7429M	Std-10-20		
1	Thrust Washer Set	06-04	4996F	Std Only		
1	Rod Set	06-04	8-4995P	Std-10-20		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	06-04	224-43650			
77 2006; 6.6L 402 (6599cc) OHV Turbo - Intercooled V8 (32 Valve), 103mm Bore Duramax; MFI; Diesel; Turbo - Intercooled GMC Eng.; VIN Code 3						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
16	Exhaust	06	V-4692	Std Only		
16	Intake	06	V-4691	Std Only		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
64	Keeper	06	VK-247	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	06	7429M	Std-10-20		
1	Thrust Washer Set	06	4996F	Std Only		
1	Rod Set	06	8-4995P	Std-10-20		
78 2011 - 2007; 6.6L 402 (6599cc) OHV Turbo - Intercooled V8 (32 Valve), 103mm Bore Duramax; MFI; Diesel; Turbo - Intercooled GMC Eng.; VIN Code 6						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
16	Exhaust	11-07	V-4692	Std Only		
16	Intake	11-07	V-4691	Std Only		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	10-07	VK-247	Std Only	Loc. Int. & Exh.	
64	Keeper	07	VK-247	Std Only	Loc. Int. & Exh.	

GMC Truck (Incl. Minivans and SUV's)

79		2007 - 2006; 6.6L 402 (6599cc) OHV Turbo - Intercooled V8 (32 Valve), 103mm Bore				79	
Duramax H.O.; MFI; Diesel; Turbo - Intercooled GMC Eng.; VIN Code D							
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
16	Exhaust	07-06	V-4692	Std Only			
16	Intake	07-06	V-4691	Std Only			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
64	Keeper	07-06	VK-247	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	06	7429M	Std-10-20			
1	Thrust Washer Set	06	4996F	Std Only			
1	Rod Set	06	8-4995P	Std-10-20			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	06	224-43650				
80		1997 - 1991; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore; TBI; Gasoline; Naturally Aspirated				80	
GMC Eng.; Chevrolet; VIN Code N							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	97-91	KT3-507S		(1) 222-507; (1) 223-392; (1) 223-393		
1	Timing Set w/Gaskets	97-91	CTS-1110R				
1	Timing Chain	97-91	222-507		50 Links		
1	Crank Sprocket	97-91	223-393		19 Teeth		
1	Cam Sprocket	97-91	223-392		38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	97-94	CS-1522		Use w/HT-969 lifters; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 200 Int., 114 Degrees Lobe Separation		
1	Camshaft	93-91	CS-774		Hydraulic, (050) Duration at .050 Lobe Lift, 203 Exh., 193 Int., 112 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	97-92	HT-969	Std Only	Hyd.; w/.440" wide oil groove		
16	Lifter	91	HT-817	Std Only	Hyd.		
16	Lifter	91	HT-817R	Std Only	Speed-Pro Hi-Revolution Hyd.		
16	Lifter, Bulk	97-92	HT-969B	Std Only	Hyd.; Carton of 128		
16	Lifter, Bulk	91	HT-817B	Std Only	Hyd.; Carton of 128		
16	Lifter, Bulk	91	HT-817RB	Std Only	Speed-Pro Hi-Revolution Hyd.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	97-94	KC-1522		Hyd.; (1) 55-403B; (1) CS-1522; (16) HT-969		
1	Cam/Lifter Kit	93-92	KC-774A		Hyd.; (1) 55-403B; (1) CS-774; (16) HT-969		
1	Cam/Lifter Kit	91	KC-774		Hyd.; (1) 55-403B; (1) CS-774; (16) HT-817		
1	Cam/Lifter/Timing Kit	91	KCT-774C		(1) 55-403B; (1) CS-774; (16) HT-817; (1) KT3-507S		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
8	Push Rod	97-91	RP-3286	Std Only	Loc. Exh.; 9.166" O.A.L.		
8	Push Rod	97-91	RP-3287	Std Only	Loc. Int.; 8.179" O.A.L.		
8	Push Rod, Bulk	97-91	BRP-3286	Std Only	Loc. Exh.; Carton of 100; 9.166" O.A.L.		
8	Push Rod, Bulk	97-91	BRP-3287	Std Only	Loc. Int.; Carton of 100; 8.179" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	97-91	R-1120	Std Only	Incl. arm & pivot		
16	Arm Assy., Bulk	97-91	R-1120B	Std Only	Carton of 64		
16	Arm	97-91	R-1120A	Std Only			
16	Bolt	97-91	MR-1950	Std Only			
16	Pivot	97-91	MR-1945	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	97-91	V-1989X	Std-15	Chrome plated stem; Inconel; 1.72" Head Dia., 0.3716" Stem Dia., 5.355" O.A.L.		
8	Intake	97-91	V-1912	Std-3-15	Chrome plated stem; 2.065" Head Dia., 0.372" Stem Dia., 5.23" O.A.L.		
8	Intake, Bulk	97-91	V-1912B	Std Only	Chrome plated stem; Carton of 25; 2.065" Head Dia., 0.372" Stem Dia., 5.23" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	92-91	VG-1321	Std Only	Loc. Exh.; Use w/seal; Caution - Drive guide out from spring side to combustion side; 0.3765" ID, 2.435" O.A.L.		
8	Guide	92-91	VG-1322	Std Only	Loc. Exh.; Not cut for seal; Caution - Drive guide out from spring side to combustion side; 0.374" ID, 2.755" O.A.L.		
8	Guide	92-91	VG-689	Std Only	Loc. Int.; 0.3735" ID, 2.42" O.A.L.		
8	Guide, Bulk	92-91	VG-689B	Std Only	Loc. Int.; Carton of 50; 0.3735" ID, 2.42" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	97-96	VS-1640	Std Only	Loc. Int. & Exh.; Conical design; 2.05" Free Height		
16	Spring	95-91	VS-859	Std Only	Loc. Int. & Exh.; 2.05" Free Height		

GMC Truck (Incl. Minivans and SUV's)

80 (cont.)	1997 - 1991; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code N				80 (cont.)
VALVETRAIN					
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	94-91	ST-2004	Std Only	Positive type; Installation requires valve guide machining; (RBBTF) Rubber/PTFE
16	Valve Stem Seal	97-91	MV-1912	Std Only	Umbrella type; Premium Material; (VTN) Viton®
16	Valve Stem Seal	94-91	MV-1769C	Std Only	Umbrella type; (PLY) Polyacrylate
16	Valve Stem Seal Bulk	94-91	MV-1769	Std Only	Umbrella type; Carton of 100; (PLY) Polyacrylate
16	Valve Stem Seal Bulk	94-91	ST-2004BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (RBBTF) Rubber/PTFE
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	94-91	245-1812-4	Std Only	Loc. Exh.; 1.8175" OD, 1.5625" ID, 0.216" Depth
8	Seat	94-91	245-1812-4N	Std Only	Loc. Exh.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth
8	Seat	94-91	245-2250-1	Std Only	Loc. Int.; Machine ID to fit; 2.2555" OD, 1.9375" ID, 0.1855" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	97-91	VK-138	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	97-91	VK-138A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	97-91	VK-138R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	97-91	VK-138B	Std Only	1 groove; Square cut key groove; Carton of 1000
16	Spring Insert	94-91	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	94-91	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	94-91	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	94-91	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	94-91	259-203C	Std Only	.015"; Carton of 100
8	Rotocap	95-91	RC-163S	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	97-96	H749CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Flat Head w/2 valve reliefs; Use w/E553K ring set; DUROSHIELD® skirt coated piston, 0.9893" Pin Dia.
8	Cast Piston	95-91	H727CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Recessed Head .070 deep x 2.000 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9893" Pin Dia.
8	Cast Piston - Individual	97-96	WH749CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Flat Head w/2 valve reliefs; Use w/E553K ring set; DUROSHIELD® skirt coated piston, 0.9893" Pin Dia.
8	Cast Piston - Individual	95-91	WH727CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Recessed Head .070 deep x 2.000 dia. w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.9893" Pin Dia.
1	Cast Piston Set w/Prem. Rings	95-91	8KH727CP 40	40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Recessed Head .070 deep x 2.000 dia. w/2 valve reliefs. DUROSHIELD® skirt coated piston., 0.9893" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	97-96	E-553K	Std-20-30-40-60	Use w/H749CP piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-91	E-553K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Standard Set	97-96	E-553X	Std-20-30-40	Use w/H749CP piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-91	E-553X	Std-20-30-40	2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	97-96	WE-553K	Std-20-30-40	Use w/WH749CP piston; 2-5/64, 1-3/16; Premium Moly
8	Premium Single Cylinder Set	95-91	WE-553K	Std-20-30-40	2-5/64, 1-3/16; Premium Moly
QTY	SLEEVE	YEARS	PART NO.		DESCRIPTION
1	Repair Sleeve	93-91	SL-24M	Std Only	3/32" wall, must be cut to correct length
1	Repair Sleeve	93-91	SL-24Y	Std Only	1/8" wall, must be cut to correct length
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	97-91	4400MA	Std-1-2-10-20-30-40	A-Series aluminum bearings
1	Main Set	97-91	7122MA 10	10-20-30	A-Series aluminum bearings; w/.020" O/S length flange brg.
1	Main Set	97-91	7133MA 10	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability
1	Main Set	97-91	7133MA 20	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability
1	Main Set	97-91	7133MA 30	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability
1	Rod Set	97-91	8-3190A	Std-1-10-20-30-40-60	A-Series aluminum bearings
8	Rod Pair	97-91	3190A	Std-1-10-20-30-40-50	A-Series aluminum bearings
1	Cam Set	97-91	1404M	Std Only	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	97-91	224-4153		High Volume, check pan for clearance; Use shaft w/steel guide
1	Oil Pump	97-91	224-4154G		Check for adequate main cap and crankshaft clearance
1	Pump Repair Kit	97-91	224-51348		Exc. High Volume
1	Inter. Shaft	97-91	224-6154		Shaft w/slotted end, 6.82" O.A.L.; Has integral steel guide
1	Inter. Shaft	97-91	224-6154A		Shaft w/slotted end, 6.52" O.A.L.; Use w/nylon guide

GMC Truck (Incl. Minivans and SUV's)

80 (cont.)		1997 - 1991; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore; TBI; Gasoline; Naturally Aspirated				80 (cont.)	
GMC Eng.; Chevrolet; VIN Code N							
BLOCK							
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump Shaft Guide	97-91	224-43343	Nylon			
1	Screen Assy.	97-91	224-14264	Use with 9" pan			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	97-96	260-1932	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	95-91	260-1635	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6319M	----	Re-ring w/Mains	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			----	205-1319M	Re-ring w/Mains	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6319	205-1319	Re-ring	
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
95-94	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			MKP-7031	----	Master	
93-92	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			MKP-7030	----	Master	
91-91	Exh. pipe packing not incl.; Check for adequate main cap and crankshaft clearance; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			MKP-6266A	----	Master	
91-91	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			MKP-7029	----	Master	
95-94	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			MK-7031	----	Master w/o Pistons	
93-92	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			MK-7030	----	Master w/o Pistons	
91-91	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			MK-7029	----	Master w/o Pistons	
95-94	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			505-7031	----	Master w/o Rods & Mains	
93-92	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			505-7030	----	Master w/o Rods & Mains	
91-91	Check for adequate main cap and crankshaft clearance; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			505-7029	----	Master w/o Rods & Mains	
95-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6099	----	Block Kit w/Premium Rings	
95-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. High Volume oil pump, check pan for clearance; Use oil pump shaft w/steel guide			BKP-6099	----	Block Kit w/Oil Pump & Freeze Plugs	
81		1999 - 1998; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B				81	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	3 Piece Set	99-98	KT3-4SR50A	(1) 222-4SR50; (1) 223-833; (1) 223-834			
1	Timing Chain	99-98	222-4SR50	50 Links			
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
16	Arm Assy.	99-98	R-1120	Std Only	Incl. arm & pivot		
16	Arm Assy., Bulk	99-98	R-1120B	Std Only	Carton of 64		
16	Arm	99-98	R-1120A	Std Only			
16	Bolt	99-98	MR-1950	Std Only			
16	Pivot	99-98	MR-1945	Std Only			

GMC Truck (Incl. Minivans and SUV's)

81 (cont.)	1999 - 1998; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code B				81 (cont.)
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Intake	99-98	V-1912	Std-3-15	Chrome plated stem; 2.065" Head Dia., 0.372" Stem Dia., 5.23" O.A.L.
8	Intake, Bulk	99-98	V-1912B	Std Only	Chrome plated stem; Carton of 25; 2.065" Head Dia., 0.372" Stem Dia., 5.23" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	99-98	VS-1640	Std Only	Loc. Int. & Exh.; Conical design; 2.05" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	99-98	MV-1912	Std Only	Umbrella type; Premium Material; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	99-98	VK-138	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	99-98	VK-138A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	99-98	VK-138R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	99-98	VK-138B	Std Only	1 groove; Square cut key groove; Carton of 1000
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-98	E-553K	Std-20-30-40-60	Use w/H749CP piston; 2-5/64, 1-3/16; Premium Moly
1	Standard Set	99-98	E-553X	Std-20-30-40	Use w/H749CP piston; 2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	99-98	WE-553K	Std-20-30-40	Use w/WH749CP piston; 2-5/64, 1-3/16; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99-98	4400MA	Std-1-2-10-20-30-40	A-Series aluminum bearings
1	Main Set	99-98	7122MA 10	10-20-30	A-Series aluminum bearings; w/.020" O/S length flange brg.
1	Main Set	99-98	7133MA 10	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability
1	Main Set	99-98	7133MA 20	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability
1	Main Set	99-98	7133MA 30	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability
1	Rod Set	99-98	8-3190A	Std-1-10-20-30-40-60	A-Series aluminum bearings
8	Rod Pair	99-98	3190A	Std-1-10-20-30-40-50	A-Series aluminum bearings
1	Cam Set	99-98	1404M	Std Only	Babbitt material; Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	99-98	224-4153		High Volume, check pan for clearance; Use shaft w/steel guide
1	Oil Pump	99-98	224-4154G		Check for adequate main cap and crankshaft clearance
1	Pump Repair Kit	99-98	224-51348		Exc. High Volume
1	Inter. Shaft	99-98	224-6154		Shaft w/slotted end, 6.82" O.A.L.; Has integral steel guide
1	Inter. Shaft	99-98	224-6154A		Shaft w/slotted end, 6.52" O.A.L.; Use w/nylon guide
1	Oil Pump Shaft Guide	99-98	224-43343		Nylon
1	Screen Assy.	99-98	224-14264		Use with 9" pan
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	99-98	260-1932		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
82 2000 - 1996; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J 82					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	00	KT3-4SR50A		(1) 222-4SR50; (1) 223-833; (1) 223-834
1	3 Piece Set	99	KT3-4SR50		w/ZK3 option; (1) 222-4SR50; (1) 223-806; (1) 223-835
1	3 Piece Set	99	KT3-4SR50A		w/o ZK3 option; (1) 222-4SR50; (1) 223-833; (1) 223-834
1	3 Piece Set	98-96	KT3-4SR50		(1) 222-4SR50; (1) 223-806; (1) 223-835
1	Timing Set w/Gaskets	97-96	CTS-1110R		
1	Timing Chain	00-96	222-4SR50		50 Links
1	Cam Sprocket	99-96	223-806		38 teeth; 38 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	00-96	CS-1583		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 298 Exh., 273 Int., 0.483" Exh. Valve Lift, 0.479" Int. Valve Lift
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	00-96	HT-2279	Std Only	w/r/r. lifters; Hyd. r/r.
16	Lifter, Bulk	00-96	HT-2279B	Std Only	w/r/r. lifters; Hyd. r/r.; Carton of 128
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
8	Push Rod	00-98	RP-3347	Std Only	Loc. Exh.; 8.521" O.A.L.
8	Push Rod	00-98	RP-3350	Std Only	Loc. Int.; 7.57" O.A.L.
8	Push Rod	97-96	RP-3338	Std Only	Loc. Exh.; w/r/r. lifters; 8.525" O.A.L.
8	Push Rod	97-96	RP-3339	Std Only	Loc. Int.; w/r/r. lifters; 7.572" O.A.L.
8	Push Rod, Bulk	97-96	BRP-3338	Std Only	Loc. Exh.; w/r/r. lifters; Carton of 100; 8.525" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION

GMC Truck (Incl. Minivans and SUV's)

82 (cont.)		2000 - 1996; 7.4L 454 OHV V8 (16 Valve), 4.25" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code J				82 (cont.)	
VALVETRAIN							
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION		
16	Arm Assy.	00-96	R-1120	Std Only	Incl. arm & pivot		
16	Arm Assy., Bulk	00-96	R-1120B	Std Only	Carton of 64		
16	Arm	00-96	R-1120A	Std Only			
16	Bolt	00-96	MR-1950	Std Only			
16	Pivot	00-96	MR-1945	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	00-96	V-1989X	Std-15	Chrome plated stem; Inconel; 1.72" Head Dia., 0.3716" Stem Dia., 5.355" O.A.L.		
8	Exhaust	00-96	V-2450X	Std Only	Leaded fuel compatible; Chrome plated stem; Inconel; 1.72" Head Dia., 0.3716" Stem Dia., 5.355" O.A.L.		
8	Intake	00-96	V-1912	Std-3-15	Chrome plated stem; 2.065" Head Dia., 0.372" Stem Dia., 5.23" O.A.L.		
8	Intake, Bulk	00-96	V-1912B	Std Only	Chrome plated stem; Carton of 25; 2.065" Head Dia., 0.372" Stem Dia., 5.23" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	00-96	VS-1640	Std Only	Loc. Int. & Exh.; Conical design; 2.05" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	00-96	MV-1912	Std Only	Umbrella type; Premium Material; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	00-96	VK-138	Std Only	1 groove; Square cut key groove; Carton pack 32		
32	Keeper	00-96	VK-138A	Std Only	1 groove; Square cut key groove; Carton pack 24		
32	Keeper	00-96	VK-138R	Std Only	1 groove; Square cut key groove; Hardened		
32	Keeper, Bulk	00-96	VK-138B	Std Only	1 groove; Square cut key groove; Carton of 1000		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	00-96	H749CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Flat Head w/2 valve reliefs; Use w/E553K ring set; DUROSHIELD® skirt coated piston, 0.9893" Pin Dia.		
8	Cast Piston - Individual	00-96	WH749CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.625 CD, Flat Head w/2 valve reliefs; Use w/E553K ring set; DUROSHIELD® skirt coated piston, 0.9893" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00-96	E-553K	Std-20-30-40-60	Use w/H749CP piston; 2-5/64, 1-3/16; Premium Moly		
1	Standard Set	00-96	E-553X	Std-20-30-40	Use w/H749CP piston; 2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	00-96	WE-553K	Std-20-30-40	Use w/WH749CP piston; 2-5/64, 1-3/16; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-96	4400MA	Std-1-2-10-20-30-40	A-Series aluminum bearings		
1	Main Set	00-96	7122MA 10	10-20-30	A-Series aluminum bearings; w/.020" O/S length flange brg.		
1	Main Set	00-96	7133MA 10	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability		
1	Main Set	00-96	7133MA 20	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability		
1	Main Set	00-96	7133MA 30	10-20-30-40	A-Series aluminum bearings; w/.010" O/S length flange brg.; New Part Number - Check for Availability		
1	Rod Set	00-96	8-3190A	Std-1-10-20-30-40-60	A-Series aluminum bearings		
8	Rod Pair	00-96	3190A	Std-1-10-20-30-40-50	A-Series aluminum bearings		
1	Cam Set	00-96	1404M	Std Only	Babbitt material; Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-96	224-4153		High Volume, check pan for clearance; Use shaft w/steel guide		
1	Oil Pump	00-96	224-4154G		Check for adequate main cap and crankshaft clearance		
1	Pump Repair Kit	00-96	224-51348		Exc. High Volume		
1	Inter. Shaft	00-96	224-6154		Shaft w/slotted end, 6.82" O.A.L.; Has integral steel guide		
1	Inter. Shaft	00-96	224-6154A		Shaft w/slotted end, 6.52" O.A.L.; Use w/nylon guide		
1	Oil Pump Shaft Guide	00-96	224-43343		Nylon		
1	Screen Assy.	00-96	224-14264		Use with 9" pan		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00-96	260-1932		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
83		2007 - 2001; 8.1L 496 OHV V8 (16 Valve), 4.25" Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code G				83	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	07-04	KT3-4SR50S1				
1	3 Piece Set	06	KT3-4205S		LQ9 Engine; Incl. Cam, Crank, Chain		
1	Timing Chain	05-01	222-4SR50		50 Links		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		

GMC Truck (Incl. Minivans and SUV's)

83 (cont.)	2007 - 2001; 8.1L 496 OHV V8 (16 Valve), 4.25" Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code G								83 (cont.)
VALVETRAIN									
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION				
16	Lifter	07-01	HT-2279	Std Only	Hyd. rlr.				
16	Lifter, Bulk	07-01	HT-2279B	Std Only	Hyd. rlr.; Carton of 128				
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION				
16	Seat	07-01	245-2250-1	Std Only	Loc. Int. & Exh.; Machine ID to fit; 2.2555" OD, 1.9375" ID, 0.1855" Depth				
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION				
32	Keeper	07-01	VK-138	Std Only	1 groove; Square cut key groove; Carton pack 32				
32	Keeper	07-01	VK-138A	Std Only	1 groove; Square cut key groove; Carton pack 24				
32	Keeper	07-01	VK-138R	Std Only	1 groove; Square cut key groove; Hardened				
32	Keeper, Bulk	07-01	VK-138B	Std Only	1 groove; Square cut key groove; Carton of 1000				
BLOCK									
QTY	PISTON	YEARS	PART NO.		DESCRIPTION				
8	Cast Piston	07	H1134CP	Std-20-30-40-60	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.350 CD, Flat Head w/2 valve reliefs, 1.0406" Pin Dia.; Superseded - When depleted use H1134CPA				
8	Cast Piston	07	H1134CPA	Std-20-30-40-60	Hypereutectic; New Part Number - Check for Availability				
8	Cast Piston	06	H1134CP	Std-20-30-40-60	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.350 CD, Flat Head w/2 valve reliefs, 1.0406" Pin Dia.; Superseded - When depleted use H1134CPA				
8	Cast Piston	06	H1134CPA	Std-20-30-40-60	Hypereutectic; New Part Number - Check for Availability				
8	Cast Piston	05	H1134CP	Std-20-30-40-60	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.350 CD, Flat Head w/2 valve reliefs, 1.0406" Pin Dia.; Superseded - When depleted use H1134CPA				
8	Cast Piston	05	H1134CPA	Std-20-30-40-60	Hypereutectic; New Part Number - Check for Availability				
8	Cast Piston	04	H1134CP	Std-20-30-40-60	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.350 CD, Flat Head w/2 valve reliefs, 1.0406" Pin Dia.; Superseded - When depleted use H1134CPA				
8	Cast Piston	04	H1134CPA	Std-20-30-40-60	Hypereutectic; New Part Number - Check for Availability				
8	Cast Piston	04-01	H880CP	Std-20-30-40-60	Hypereutectic; 2 -, 2.00mm Groove, 1 - 4.00mm Groove, 1.350 CD, Flat Head w/2 valve reliefs; Use w/E942K ring set; DUROSHIELD® skirt coated piston, 1.0406" Pin Dia.				
8	Pin Bushing	04-01	3199Y						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION				
1	Premium Set	07-01	E-942K	Std-20-30-40-60	2-2.00MM, 1-4.00MM; Premium Moly				
8	Premium Single Cylinder Set	07-01	WE-942K	Std Only	2-2.00MM, 1-4.00MM; Premium Moly				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION				
1	Main Set	07-01	7388MA	Std-10-20-30	A-Series aluminum bearings				
1	Rod Set	07-01	8-3190A	Std-1-10-20-30-40-60	A-Series aluminum bearings				
8	Rod Pair	07-01	3190A	Std-1-10-20-30-40-50	A-Series aluminum bearings				
1	Cam Set	07-01	1404M	Std Only	Babbitt material; Full round design				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION				
1	Oil Pump	07-01	224-43657S						
1	Screen Assy.	07-01	224-14264		Use with 9" pan				
1	Screen Assy.	07-01	224-43620		Use with 8" pan				

Grumman Truck

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	4		Chevrolet	MFI/Gasoline	1995-1994	1
1	1995 - 1994; 2.2L 134 (2189cc) OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4										1	
BLOCK												
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION							
1	Head Bolt Set	95	260-2541	Std Only	Replacement recommended; New Part Number - Check for Availability							
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION							
1	Brass Block Plug Kit	95-94	381-9698									

Henry J - See Kaiser

Honda Car (Incl. Acura, Honda)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.0L	61.0	995cc	SOHC L3	72mm	12	Honda Eng.		ECA1		MFI/Hybrid (Gas/Electric)	2003-2000	1
1.3L	81.0	1339cc	SOHC L4	73mm	16	Honda Eng.		LDA1		MFI/Hybrid (Gas/Electric)	2005	2
1.3L	81.0	1339cc	SOHC L4	73mm	16	Honda Eng.		LDA2		MFI/Hybrid (Gas/Electric)	2010-2006	3
1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		D15B1		TBI/Gasoline	1991	4
1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		D15B2		TBI/Gasoline	1991	5
1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		D15B7		MFI/Gasoline	1995-1992	6
1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		D15Z1		MFI/Gasoline	1995-1992	7
1.5L	91.0	1493cc	SOHC L4	75mm	8	Honda Eng.		D15B6		MFI/Gasoline	1991	8
1.5L	91.0	1493cc	SOHC L4	75mm	8	Honda Eng.		D15B8		MFI/Gasoline	1995-1992	9
1.5L	91.3	1496cc	SOHC L4	73mm	16	Honda Eng.		L15A1		MFI/Gasoline	2008-2007	10
1.5L	91.3	1496cc	SOHC L4	73mm	16	Honda Eng.		L15A7		MFI/Gasoline	2010-2009	11
1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		D16A6		MFI/Gasoline	1991	12
1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		D16B5		MFI/Natural Gas	2000-1998	13
1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		D16Y7		MFI/Gasoline	2000-1996	14
1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		D16Y5		MFI/Gasoline	2000-1996	15
1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		D16Y8		MFI/Gasoline	2000-1996	16
1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		D16Z6		MFI/Gasoline	1995-1992	17
1.6L	97.3	1595cc	DOHC L4	81mm	16	Honda Eng.		B16A2		MFI/Gasoline	2000-1996	18
1.6L	97.3	1595cc	DOHC L4	81mm	16	Honda Eng.		B16A3		MFI/Gasoline	1995-1994	19
1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		D17A1		MFI/Gasoline	2005-2001	20
1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		D17A7		MFI/Natural Gas	2005-2001	21
1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		D17A2		MFI/Gasoline	2005-2001	22
1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		D17A6		MFI/Gasoline	2005-2001	23
1.7L	102.4	1678cc	DOHC L4	81mm	16	Honda Eng.		B17A1		MFI/Gasoline	1993-1992	24
1.8L	109.6	1797cc	DOHC L4	81mm	16	Honda Eng.		B18C1		MFI/Gasoline	2001-1994	25
1.8L	109.6	1797cc	DOHC L4	81mm	16	Honda Eng.		B18C5		MFI/Gasoline	2001-1997	26
1.8L	109.8	1799cc	SOHC L4	81mm	16	Honda Eng.		R18A1		MFI/Gasoline	2010-2006	27
1.8L	109.8	1799cc	SOHC L4	81mm	16	Honda Eng.		R18A4		MFI/Natural Gas	2006	28
1.8L	111.8	1834cc	DOHC L4	81mm	16	Honda Eng.		B18A1		MFI/Gasoline	1993-1991	29
1.8L	111.8	1834cc	DOHC L4	81mm	16	Honda Eng.		B18B1		MFI/Gasoline	2001-1994	30
2.0L	119.5	1958cc	DOHC L4	81mm	16	Honda Eng.		B20A5		MFI/Gasoline	1991	31
2.0L	121.9	1997cc	DOHC L4	87mm	16	Honda Eng.		F20C1		MFI/Gasoline	2003-2000	32
2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		K20A2		MFI/Gasoline	2004-2002	33
2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		K20A3		MFI/Gasoline	2006-2002	34
2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		K20Z1		MFI/Gasoline	2006	35
2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		K20Z3		MFI/Gasoline	2010-2006	36
2.1L	125.0	2056cc	DOHC L4	83mm	16	Honda Eng.		B21A1		MFI/Gasoline	1991	37
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22A1		MFI/Gasoline	1996-1991	38
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22A4		MFI/Gasoline	1991	39
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22A6		MFI/Gasoline	1993-1991	40
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22B2		MFI/Gasoline	1997-1994	41
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22B1		MFI/Gasoline	1997-1994	42
2.2L	132.0	2157cc	DOHC L4	87mm	16	Honda Eng.		H22A1		MFI/Gasoline	1996-1993	43
2.2L	132.0	2157cc	DOHC L4	87mm	16	Honda Eng.		H22A4		MFI/Gasoline	2001-1997	44
2.2L	132.8	2178cc	DOHC L4	87mm	16	Honda Eng.		F22C1		MFI/Gasoline	2006-2005	45
2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		F23A5		MFI/Gasoline	2002-1998	46
2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		F23A1		MFI/Gasoline	2002-1998	47
2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		F23A4		MFI/Gasoline	2002-1998	48
2.3L	138.0	2259cc	DOHC L4	87mm	16	Honda Eng.		H23A1		MFI/Gasoline	1996-1992	49
2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		K24A2		MFI/Gasoline	2008-2004	50
2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		K24A4		MFI/Gasoline	2005-2003	51
2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		K24A8		MFI/Gasoline	2007-2006	52
2.5L	149.8	2451cc	SOHC L5	85mm	20	Honda Eng.		G25A1		MFI/Gasoline	1994-1992	53
2.5L	149.8	2451cc	SOHC L5	85mm	20	Honda Eng.		G25A4		MFI/Gasoline	1998-1995	54
2.7L	163.2	2675cc	SOHC V6	87mm	24	Honda Eng.		C27A4		MFI/Gasoline	1997-1995	55
3.0L	181.6	2977cc	DOHC V6	90mm	24	Honda Eng.		C30A1		MFI/Gasoline	2005-1991	56
3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		J30A1		MFI/Gasoline	2002-1997	57
3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		J30A4		MFI/Gasoline	2005-2003	58
3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		J30A5		MFI/Gasoline	2006	59
3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		JNA1		MFI/Hybrid (Gas/Electric)	2006-2005	60
3.2L	194.0	3179cc	DOHC V6	93mm	24	Honda Eng.		C32B1		MFI/Gasoline	2005-2000	61
3.2L	195.6	3206cc	SOHC V6	90mm	24	Honda Eng.		C32A1		MFI/Gasoline	1995-1991	62
3.2L	195.6	3206cc	SOHC V6	90mm	24	Honda Eng.		C32A6		MFI/Gasoline	1998-1996	63

Honda Car (Incl. Acura, Honda)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
3.2L	196.0	3210cc	SOHC V6	89mm	24	Honda Eng.		J32A1		MFI/Gasoline	2003-1999	64
3.2L	196.0	3210cc	SOHC V6	89mm	24	Honda Eng.		J32A2		MFI/Gasoline	2003-2001	65
3.2L	196.0	3210cc	SOHC V6	89mm	24	Honda Eng.		J32A3		MFI/Gasoline	2008-2005	66
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A8		MFI/Gasoline	2008-2005	67
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35Z2		MFI/Gasoline	2010-2008	68
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35Z6		MFI/Gasoline	2010-2009	69
3.5L	212.0	3474cc	SOHC V6	90mm	24	Honda Eng.		C35A1		MFI/Gasoline	2004-1996	70
3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		J37A2		MFI/Gasoline	2010-2009	71
3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		J37A4		MFI/Gasoline	2009	72
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
B16A2	1.6L	97.3	1595cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	2000-1996	18	
B16A3	1.6L	97.3	1595cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	1995-1994	19	
B17A1	1.7L	102.4	1678cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	1993-1992	24	
B18A1	1.8L	111.8	1834cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	1993-1991	29	
B18B1	1.8L	111.8	1834cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	2001-1994	30	
B18C1	1.8L	109.6	1797cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	2001-1994	25	
B18C5	1.8L	109.6	1797cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	2001-1997	26	
B20A5	2.0L	119.5	1958cc	DOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	1991	31	
B21A1	2.1L	125.0	2056cc	DOHC L4	83mm	16	Honda Eng.		MFI/Gasoline	1991	37	
C27A4	2.7L	163.2	2675cc	SOHC V6	87mm	24	Honda Eng.		MFI/Gasoline	1997-1995	55	
C30A1	3.0L	181.6	2977cc	DOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	2005-1991	56	
C32A1	3.2L	195.6	3206cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	1995-1991	62	
C32A6	3.2L	195.6	3206cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	1998-1996	63	
C32B1	3.2L	194.0	3179cc	DOHC V6	93mm	24	Honda Eng.		MFI/Gasoline	2005-2000	61	
C35A1	3.5L	212.0	3474cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	2004-1996	70	
D15B1	1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		TBI/Gasoline	1991	4	
D15B2	1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		TBI/Gasoline	1991	5	
D15B6	1.5L	91.0	1493cc	SOHC L4	75mm	8	Honda Eng.		MFI/Gasoline	1991	8	
D15B7	1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	1995-1992	6	
D15B8	1.5L	91.0	1493cc	SOHC L4	75mm	8	Honda Eng.		MFI/Gasoline	1995-1992	9	
D15Z1	1.5L	91.0	1493cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	1995-1992	7	
D16A6	1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	1991	12	
D16B5	1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		MFI/Natural Gas	2000-1998	13	
D16Y5	1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	2000-1996	15	
D16Y7	1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	2000-1996	14	
D16Y8	1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	2000-1996	16	
D16Z6	1.6L	97.0	1590cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	1995-1992	17	
D17A1	1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	2005-2001	20	
D17A2	1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	2005-2001	22	
D17A6	1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		MFI/Gasoline	2005-2001	23	
D17A7	1.7L	101.0	1668cc	SOHC L4	75mm	16	Honda Eng.		MFI/Natural Gas	2005-2001	21	
ECA1	1.0L	61.0	995cc	SOHC L3	72mm	12	Honda Eng.		MFI/Hybrid (Gas/Electric)	2003-2000	1	
F20C1	2.0L	121.9	1997cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2003-2000	32	
F22A1	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1996-1991	38	
F22A4	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1991	39	
F22A6	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1993-1991	40	
F22B1	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1997-1994	42	
F22B2	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1997-1994	41	
F22C1	2.2L	132.8	2178cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2006-2005	45	
F23A1	2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2002-1998	47	
F23A4	2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2002-1998	48	
F23A5	2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2002-1998	46	
G25A1	2.5L	149.8	2451cc	SOHC L5	85mm	20	Honda Eng.		MFI/Gasoline	1994-1992	53	
G25A4	2.5L	149.8	2451cc	SOHC L5	85mm	20	Honda Eng.		MFI/Gasoline	1998-1995	54	
H22A1	2.2L	132.0	2157cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	1996-1993	43	
H22A4	2.2L	132.0	2157cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2001-1997	44	
H23A1	2.3L	138.0	2259cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	1996-1992	49	
J30A1	3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		MFI/Gasoline	2002-1997	57	
J30A4	3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		MFI/Gasoline	2005-2003	58	
J30A5	3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		MFI/Gasoline	2006	59	
J32A1	3.2L	196.0	3210cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2003-1999	64	
J32A2	3.2L	196.0	3210cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2003-2001	65	

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Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
J32A3	3.2L	196.0	3210cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2008-2005	66
J35A8	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2008-2005	67
J35Z2	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2010-2008	68
J35Z6	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2010-2009	69
J37A2	3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	2010-2009	71
J37A4	3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	2009	72
JNA1	3.0L	182.9	2997cc	SOHC V6	86mm	24	Honda Eng.		MFI/Hybrid (Gas/Electric)	2006-2005	60
K20A2	2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2004-2002	33
K20A3	2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2006-2002	34
K20Z1	2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2006	35
K20Z3	2.0L	122.0	1998cc	DOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2010-2006	36
K24A2	2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2008-2004	50
K24A4	2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2005-2003	51
K24A8	2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2007-2006	52
L15A1	1.5L	91.3	1496cc	SOHC L4	73mm	16	Honda Eng.		MFI/Gasoline	2008-2007	10
L15A7	1.5L	91.3	1496cc	SOHC L4	73mm	16	Honda Eng.		MFI/Gasoline	2010-2009	11
LDA1	1.3L	81.0	1339cc	SOHC L4	73mm	16	Honda Eng.		MFI/Hybrid (Gas/Electric)	2005	2
LDA2	1.3L	81.0	1339cc	SOHC L4	73mm	16	Honda Eng.		MFI/Hybrid (Gas/Electric)	2010-2006	3
R18A1	1.8L	109.8	1799cc	SOHC L4	81mm	16	Honda Eng.		MFI/Gasoline	2010-2006	27
R18A4	1.8L	109.8	1799cc	SOHC L4	81mm	16	Honda Eng.		MFI/Natural Gas	2006	28
1	2003 - 2000; 1.0L 995cc SOHC L3 (12 Valve), 72mm Bore VTEC; MFI; Hybrid (Gas/Electric); Naturally Aspirated Honda Eng.; Eng. Code ECA1										1
VALVETRAIN											
QTY	VALVE GUIDE	YEARS	PART NO.				DESCRIPTION				
6	Guide	03-00	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.						
QTY	VALVE SEAL	YEARS	PART NO.				DESCRIPTION				
12	Valve Stem Seal	03-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®						
QTY	VALVE, MISC	YEARS	PART NO.				DESCRIPTION				
24	Keeper	03-00	VK-245	Std Only	Loc. Int. & Exh.						
2	2005; 1.3L 1339cc SOHC L4 (16 Valve), 73mm Bore VTEC; MFI; Hybrid (Gas/Electric); Naturally Aspirated Honda Eng.; Eng. Code LDA1										2
VALVETRAIN											
QTY	VALVE GUIDE	YEARS	PART NO.				DESCRIPTION				
8	Guide	05	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.						
8	Guide	05	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.						
QTY	VALVE SEAL	YEARS	PART NO.				DESCRIPTION				
16	Valve Stem Seal	05	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®						
QTY	VALVE, MISC	YEARS	PART NO.				DESCRIPTION				
32	Keeper	05	VK-245	Std Only	Loc. Int. & Exh.						
3	2010 - 2006; 1.3L 1339cc SOHC L4 (16 Valve), 73mm Bore VTEC; MFI; Hybrid (Gas/Electric); Naturally Aspirated Honda Eng.; Eng. Code LDA2										3
VALVETRAIN											
QTY	VALVE GUIDE	YEARS	PART NO.				DESCRIPTION				
8	Guide	10-06	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.						
8	Guide	10-06	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.						
QTY	VALVE SEAL	YEARS	PART NO.				DESCRIPTION				
16	Valve Stem Seal	06	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®						
4	1991; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore; TBI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B1										4
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.				DESCRIPTION				
1	Timing Belt	91	222-143								
1	Timing Belt Tensioner	91	222-162BT								
1	Timing Belt & Tensioner Set	91	BTS-143								
QTY	ROCKER PARTS	YEARS	PART NO.				DESCRIPTION				
2	Arm	91	R-979	Std Only	Loc. Int. "A"						
3	Rocker Shaft	91	RS-680	Std Only	Loc. Int. "B" Center						
1	Rocker Shaft	91	RS-685	Std Only	Loc. Exh.						
QTY	VALVE	YEARS	PART NO.				DESCRIPTION				
8	Exhaust	91	V-2561	Std Only	Chrome plated stem; 0.985" Head Dia., 0.215" Stem Dia., 4.68" O.A.L.						
8	Intake	91	V-2560	Std Only	Nitrided stem; 1.1496" Head Dia., 0.2159" Stem Dia., 4.5276" O.A.L.						

Honda Car (Incl. Acura, Honda)

4 (cont.)	1991; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore; TBI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B1					4 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-901	Std Only	Loc. Exh.; 1.943" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
4	Seat	91	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	91	VK-245	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	91	WE-515KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	6699MA	Std-25-50MM	A-Series aluminum bearings	
1	Thrust Washer Set	91	67341AF	Std Only	Loc. 4	
1	Rod Set	91	4-1520CP	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-43566			
1	Screen Assy.	91	224-14283			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1485		Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8065			
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter	
1	Steel Deep Cup Freeze Plug	91	381-3095		0.500" Diameter	
KITS						
	RE-RING KIT					
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6160	----
91-91	Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6160M	----
5	1991; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore; TBI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B2					5
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-143			
1	Timing Belt Tensioner	91	222-162BT			
1	Timing Belt & Tensioner Set	91	BTS-143			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
2	Arm	91	R-979	Std Only	Loc. Int. "A"	
3	Rocker Shaft	91	RS-680	Std Only	Loc. Int. "B" Center	
1	Rocker Shaft	91	RS-685	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	91	V-2561	Std Only	Chrome plated stem; 0.985" Head Dia., 0.215" Stem Dia., 4.68" O.A.L.	
8	Intake	91	V-2560	Std Only	Nitrided stem; 1.1496" Head Dia., 0.2159" Stem Dia., 4.5276" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-901	Std Only	Loc. Exh.; 1.943" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
4	Seat	91	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	91	VK-245	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	

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5 (cont.)		1991; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore; TBI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B2				5 (cont.)
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
4	Premium Single Cylinder Set	91	WE-515KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	6699MA	Std-25-50MM	A-Series aluminum bearings	
1	Thrust Washer Set	91	67341AF	Std Only	Loc. 4	
1	Rod Set	91	4-1520CP	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-43566			
1	Screen Assy.	91	224-14283			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1485		Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
91-91	Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6160	----
91-91	Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6160M	----
6		1995 - 1992; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B7				6
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	95	222-143		Interference Eng.	
1	Timing Belt	94-92	222-143			
1	Timing Belt Tensioner	95-92	222-162BT			
1	Timing Belt & Tensioner Set	95-92	BTS-143			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
4	Arm	95-92	R-979	Std Only	Loc. Int. "A"	
3	Rocker Shaft	95-92	RS-680	Std Only	Loc. Int. "B" Center	
1	Rocker Shaft	95-92	RS-685	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	95-92	V-2561	Std Only	Chrome plated stem; 0.985" Head Dia., 0.215" Stem Dia., 4.68" O.A.L.	
8	Intake	95-92	V-2560	Std Only	Nitrided stem; 1.1496" Head Dia., 0.2159" Stem Dia., 4.5276" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	95-94	VG-1394T	Std Only	Loc. Int.; Threaded; 0.2173" ID, 1.64" O.A.L.	
8	Guide	95-94	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L.	
8	Guide	95-92	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	95-92	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	95-92	VS-1422	Std Only	Loc. Int.; 2.02" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	95-92	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
4	Seat	95-92	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	95-92	VK-245	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	95-92	H836CP	Std-50-.75MM	Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 30.8mm CD, Flat Head w/4 valve reliefs, 19mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-92	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
1	Premium Set	95-92	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	95-92	WE-515KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	95-92	WE-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-92	6699MA	Std-25-50MM	A-Series aluminum bearings	
1	Thrust Washer Set	95-92	67341AF	Std Only	Loc. 4	
1	Rod Set	95-92	4-1520CP	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	95-92	224-43566			
1	Screen Assy.	95-92	224-14284			

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6 (cont.)		1995 - 1992; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B7				6 (cont.)	
BLOCK							
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95-92	260-1751	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT		YEARS	DESCRIPTION	RE-RING	PREMIUM KIT NO.	STANDARD KIT NO.	
95-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6872	----	
95-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6872M	----	
7		1995 - 1992; 1.5L 1493cc SOHC L4 (16 Valve), 75mm Bore VTEC-E; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15Z1				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt & Tensioner Set	95-92	BTS-143				
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	95-92	V-4651	Std Only	Nitrided stem; 0.925" Head Dia., 0.2148" Stem Dia., 4.626" O.A.L.		
8	Intake	95-92	V-4652	Std Only	Nitrided stem; 1.083" Head Dia., 0.2159" Stem Dia., 4.723" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	95-92	VG-803	Std Only	Loc. Int. & Exh.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
4	Seat	95-92	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
4	Seat	95-92	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
32	Keeper	95-92	VK-245	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	95-92	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	95-92	WE-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	95-92	6699MA	Std.-25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	95-92	67341AF	Std Only	Loc. 4		
1	Rod Set	95-92	4-1520CP	Std.-25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	95-92	224-43566				
1	Screen Assy.	95-92	224-14284				
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	95-92	381-8065				
1	Brass Deep Cup Freeze Plug	95-92	381-9009	35mm Diameter			
1	Steel Deep Cup Freeze Plug	95-92	381-3095	0.500" Diameter			
8		1991; 1.5L 1493cc SOHC L4 (8 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B6				8	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	91	222-145				
1	Timing Belt Tensioner	91	222-162BT				
1	Timing Belt & Tensioner Set	91	BTS-143				
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
3	Rocker Shaft	91	RS-680	Std Only	Loc. Int. "B" Center		
1	Rocker Shaft	91	RS-685	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
4	Exhaust	91	V-2561	Std Only	Chrome plated stem; 0.985" Head Dia., 0.215" Stem Dia., 4.68" O.A.L.		
4	Intake	91	V-2560	Std Only	Nitrided stem; 1.1496" Head Dia., 0.2159" Stem Dia., 4.5276" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
4	Guide	91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
4	Guide	91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	91	VK-245	Std Only			
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	91	6699MA	Std.-25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	91	67341AF	Std Only	Loc. 4		
1	Rod Set	91	4-1520CP	Std.-25-.50MM			

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8 (cont.)		1991; 1.5L 1493cc SOHC L4 (8 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B6				8 (cont.)	
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	91	224-43566				
1	Screen Assy.	91	224-14283				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	91	260-1788	Exh. pipe to muffler gskt. not incl.; Exh. flexible joint ring not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	91	381-8065				
1	Brass Deep Cup Freeze Plug	91	381-9009	35mm Diameter			
1	Steel Deep Cup Freeze Plug	91	381-3095	0.500" Diameter			
9		1995 - 1992; 1.5L 1493cc SOHC L4 (8 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D15B8				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	95-92	222-143				
1	Timing Belt Tensioner	95-92	222-162BT				
1	Timing Belt & Tensioner Set	95-92	BTS-143				
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
4	Arm	94-92	R-979	Std Only	Loc. Int.		
1	Rocker Shaft	94-92	RS-680	Std Only	Loc. Int. "B"		
1	Rocker Shaft	94-92	RS-685	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
4	Exhaust	95-92	V-2561	Std Only	Chrome plated stem; 0.985" Head Dia., 0.215" Stem Dia., 4.68" O.A.L.		
4	Intake	95-92	V-2560	Std Only	Nitrided stem; 1.1496" Head Dia., 0.2159" Stem Dia., 4.5276" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
4	Guide	95-92	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
4	Guide	95-92	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
4	Spring	95-92	VS-901	Std Only	Loc. Exh.; 1.943" Free Height		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	95-92	VK-245	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	95-92	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	95-92	WE-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	94-92	6699MA	Std.-25-.50MM	A-Series aluminum bearings		
1	Thrust Washer Set	94-92	67341AF	Std Only	Loc. 4		
1	Rod Set	94-92	4-1520CP	Std.-25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	95-92	224-43566				
1	Screen Assy.	95-92	224-14284				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95-92	260-1790	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	95-92	381-8065				
1	Brass Deep Cup Freeze Plug	95-92	381-9009	35mm Diameter			
1	Steel Deep Cup Freeze Plug	95-92	381-3095	0.500" Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
94-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6873	----		
94-92	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			205-6873M	----		
10		2008 - 2007; 1.5L 1496cc SOHC L4 (16 Valve), 73mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code L15A1				10	
VALVETRAIN							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	08-07	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
8	Guide	08-07	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		

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11		2010 - 2009; 1.5L 1496cc SOHC L4 (16 Valve), 73mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code L15A7				11
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	10-09	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	10-09	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
12		1991; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16A6				12
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-143			
1	Timing Belt Tensioner	91	222-162BT			
1	Timing Belt & Tensioner Set	91	BTS-145			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
4	Arm	91	R-979	Std Only	Loc. Int. "A"	
3	Rocker Shaft	91	RS-680	Std Only	Loc. Int. "B" Center	
1	Rocker Shaft	91	RS-685	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	91	V-2561	Std Only	Chrome plated stem; 0.985" Head Dia., 0.215" Stem Dia., 4.68" O.A.L.	
8	Intake	91	V-2560	Std Only	Nitrided stem; 1.1496" Head Dia., 0.2159" Stem Dia., 4.5276" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-901	Std Only	Loc. Exh.; 1.943" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
8	Seat	91	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	91	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	91	4K13586P 1.00MM	1.00MM	Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.154 CD, Recessed Head .039 deep x 2.434 dia. w/4 valve reliefs, 18.999mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	91	WE-515KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	7102M	Std-25-50MM		
1	Thrust Washer Set	91	1826AF	Std Only		
1	Rod Set	91	4-4470P	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-43566			
1	Screen Assy.	91	224-14283			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1485		Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8065			
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter	
1	Steel Deep Cup Freeze Plug	91	381-3095		0.500" Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
91-91	Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6432	----
91-91	Exh. flexible joint ring not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6432M	----
13		2000 - 1998; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Natural Gas; Naturally Aspirated Honda Eng.; Eng. Code D16B5				13
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	00-98	222-B224			
1	Timing Belt Tensioner	00-98	222-375CT			

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13 (cont.)		2000 - 1998; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Natural Gas; Naturally Aspirated Honda Eng.; Eng. Code D16B5				13 (cont.)	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	00-98	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.		
8	Intake	00-98	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	00-98	VG-803	Std Only	Loc. Int. & Exh.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	98	VS-1420	Std Only	Loc. Exh.; 2.3" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	99-98	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth		
8	Seat	99-98	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	00-98	VK-245	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	00-98	E-514KC	Std-50-75-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	00	WE-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
14		2000 - 1996; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16Y7				14	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	00-96	222-B224				
1	Timing Belt Tensioner	00-96	222-375CT				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	00-96	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.		
8	Intake	00-96	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	00-96	VG-803	Std Only	Loc. Int. & Exh.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	98-96	VS-1420	Std Only	Loc. Exh.; 2.3" Free Height		
8	Spring	97-96	VS-960	Std Only	Loc. Int.; 2.304" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	99-96	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth		
8	Seat	99-96	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	00-96	VK-245	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	00-96	E-514KC	Std-50-75-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	00	WE-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-96	7102M	Std-25-50MM			
1	Thrust Washer Set	00-96	1826AF	Std Only			
1	Rod Set	00-96	4-4470P	Std-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-96	224-43589				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00-96	260-1782		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
00-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6782	----	
00-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6782M	----	

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15		2000 - 1996; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16Y5				15
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	00-97	222-B233		Interference Eng.	
1	Timing Belt	00-96	222-B224			
1	Timing Belt Tensioner	00-96	222-375CT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	00-96	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
8	Intake	00-96	V-4370	Std Only		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	00-96	VG-803	Std Only	Loc. Int. & Exh.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	98-96	VS-1420	Std Only	Loc. Exh.; 2.3" Free Height	
8	Spring	97-96	VS-960	Std Only		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	99-96	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth	
8	Seat	99-96	245-1250-62	Std Only		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	00-96	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	00-96	E-514KC	Std-50-.75-1.00MM		
4	Premium Single Cylinder Set	00	WE-639KC	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-96	224-43589			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-96	260-1781		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
16		2000 - 1996; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16Y8				16
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	00-98	222-B224		Interference Eng.	
1	Timing Belt	97	222-B224			
1	Timing Belt	97	222-B227			
1	Timing Belt	96	222-B224			
1	Timing Belt	96	222-B227			
1	Timing Belt Tensioner	00-98	222-375CT			
1	Timing Belt Tensioner	97	222-375CT			
1	Timing Belt Tensioner	96	222-375CT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	00-96	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
8	Intake	00-96	V-4370	Std Only		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	00-96	VG-803	Std Only	Loc. Int. & Exh.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	98-96	VS-1420	Std Only	Loc. Exh.; 2.3" Free Height	
8	Spring	97-96	VS-960	Std Only		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	99-96	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth	
8	Seat	99-96	245-1250-62	Std Only		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	00-96	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	00-96	4K13583P	Std Only	Cast; 1 -, 1.00mm Groove, 1 - 1.20mm Groove, 1 - 2.80mm Groove, 1.132 CD, Oblong Recessed Head .096 deep w/4 valve reliefs, 19.025mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00	E-639KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	00-96	E-514KC	Std-50-.75-1.00MM		
4	Premium Single Cylinder Set	00	WE-639KC	Std Only		

Honda Car (Incl. Acura, Honda)

16 (cont.)		2000 - 1996; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16Y8				16 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-96	7102M	Std.-25-50MM			
1	Thrust Washer Set	00-96	1826AF	Std Only			
1	Rod Set	00-96	4-4470P	Std.-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-96	224-43589				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00-99	260-1783		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98	260-1781		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97	260-1781		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97	260-1782		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96	260-1781		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96	260-1782		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.	
YEARS	DESCRIPTION						
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6783	----	
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6781	----	
97-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring	205-6781	----	
00-99	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6783M	----	
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6781M	----	
97-96	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6781M	----	
17		1995 - 1992; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16Z6				17	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-92	222-B224				
1	Timing Belt Tensioner	95-92	222-375CT				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	95-92	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.		
8	Intake	95-92	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	95-92	VG-803	Std Only	Loc. Int. & Exh.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	95-92	VS-1420	Std Only	Loc. Exh.; 2.3" Free Height		
8	Spring	95-92	VS-960	Std Only	Loc. Int.; 2.304" Free Height		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	95-92	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth		
8	Seat	95-92	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	95-92	VK-245	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	95-92	4K13587P 1.00MM	1.00MM	Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.186 CD, Recessed Head .150 deep x 2.550 dia. w/4 valve reliefs, 18.999mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-92	E-515KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	95-92	WE-515KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-92	7102M	Std.-25-50MM			
1	Thrust Washer Set	95-92	1826AF	Std Only			
1	Rod Set	95-92	4-4470P	Std.-25-50MM			

Honda Car (Incl. Acura, Honda)

17 (cont.)		1995 - 1992; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D16Z6				17 (cont.)	
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	95-92	224-43566				
1	Screen Assy.	95-92	224-14284				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95-92	260-1780	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT		YEARS	DESCRIPTION		PREMIUM KIT NO.	STANDARD KIT NO.	
95-92	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6780	----	
95-92	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6780M	----	
18		2000 - 1996; 1.6L 1595cc DOHC L4 (16 Valve), 81mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B16A2				18	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	97-96	222-B227				
1	Timing Belt Tensioner	97-96	222-375CT				
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	00-99	V-4562	Std Only	Chrome plated stem; 1.103" Head Dia., 0.2148" Stem Dia., 4.037" O.A.L.		
8	Exhaust	97-96	V-4562	Std Only	Chrome plated stem; 1.103" Head Dia., 0.2148" Stem Dia., 4.037" O.A.L.		
8	Intake	00-99	V-4574	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2157" Stem Dia., 4.033" O.A.L.		
8	Intake	97-96	V-4574	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2157" Stem Dia., 4.033" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	00-99	VG-1394T	Std Only	Loc. Int.; Threaded; 0.2173" ID, 1.64" O.A.L		
8	Guide	00-99	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L		
8	Guide	97-96	VG-1394T	Std Only	Loc. Int.; Threaded; 0.2173" ID, 1.64" O.A.L		
8	Guide	97-96	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	00-99	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
16	Valve Stem Seal	97-96	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
8	Seat	00-99	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth		
8	Seat	97-96	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	00	E-646KC	Std.-50-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	00-99	7324M	Std.-25MM			
1	Main Set	97-96	159M	Std.-026-026X-.25MM	Race Performance		
1	Main Set	97-96	7324M	Std.-25MM			
1	Thrust Washer Set	00-99	1828F	Std Only			
1	Thrust Washer Set	97-96	1828F	Std Only			
1	Rod Set	97-96	4-4965P	Std.-25MM			
1	Rod Set	00-99	4-4965P	Std.-25MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	00-99	224-43587				
1	Oil Pump	97-96	224-43587				
19		1995 - 1994; 1.6L 1595cc DOHC L4 (16 Valve), 81mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B16A3				19	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	95-94	222-B227				
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	95-94	V-4562	Std Only	Chrome plated stem; 1.103" Head Dia., 0.2148" Stem Dia., 4.037" O.A.L.		
8	Intake	95-94	V-4574	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2157" Stem Dia., 4.033" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	95-94	VG-1394T	Std Only	Loc. Int.; Threaded; 0.2173" ID, 1.64" O.A.L		
8	Guide	95-94	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	95-94	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			

Honda Car (Incl. Acura, Honda)

19 (cont.)		1995 - 1994; 1.6L 1595cc DOHC L4 (16 Valve), 81mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B16A3				19 (cont.)	
VALVETRAIN							
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Seat	95-94	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-94	159M	Std-.026-.026X-.25MM	Race Performance		
1	Main Set	95-94	7324M	Std-.25MM			
1	Thrust Washer Set	95-94	1828F	Std Only			
1	Rod Set	95-94	4-4965P	Std-.25MM			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-94	381-8065				
1	Brass Deep Cup Freeze Plug	95-94	381-9009		35mm Diameter		
1	Steel Deep Cup Freeze Plug	95-94	381-3095		0.500" Diameter		
20		2005 - 2001; 1.7L 1668cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D17A1				20	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-01	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.		
8	Intake	05-01	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	03-01	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	03-01	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	03-01	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth		
8	Seat	03-01	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	03-01	VK-245	Std Only			
21		2005 - 2001; 1.7L 1668cc SOHC L4 (16 Valve), 75mm Bore; MFI; Natural Gas; Naturally Aspirated Honda Eng.; Eng. Code D17A7				21	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-01	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.		
8	Intake	05-01	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	03-01	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	03-01	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	03-01	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth		
8	Seat	03-01	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	03-01	VK-245	Std Only			
22		2005 - 2001; 1.7L 1668cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D17A2				22	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-01	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.		
8	Intake	05-01	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	03-01	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	03-01	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	03-01	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth		
8	Seat	03-01	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	03-01	VK-245	Std Only			

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23		2005 - 2001; 1.7L 1668cc SOHC L4 (16 Valve), 75mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code D17A6				23
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-01	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
8	Intake	05-01	V-4370	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2159" Stem Dia., 4.668" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	03-01	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	03-01	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	03-01	245-1062-51	Std Only	Loc. Exh.; 1.0625" OD, 0.87" ID, 0.195" Depth	
8	Seat	03-01	245-1250-62	Std Only	Loc. Int.; 1.25" OD, 1" ID, 0.305" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	03-01	VK-245	Std Only		
24		1993 - 1992; 1.7L 1678cc DOHC L4 (16 Valve), 81mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B17A1				24
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-92	222-B227			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	93-92	HT-2283	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	93-92	V-4562	Std Only	Chrome plated stem; 1.103" Head Dia., 0.2148" Stem Dia., 4.037" O.A.L.	
8	Intake	93-92	V-4574	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2157" Stem Dia., 4.033" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-92	159M	Std-.026-.026X-.25MM	Race Performance	
1	Main Set	93-92	7324M	Std-.25MM		
1	Thrust Washer Set	93-92	1828F	Std Only		
1	Rod Set	93-92	4-1495CP	Std-.25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-92	224-41997			
25		2001 - 1994; 1.8L 1797cc DOHC L4 (16 Valve), 81mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B18C1				25
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	01-94	222-B247			
1	Timing Belt & Tensioner Set	01-98	BTS-184			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	01-94	HT-2283	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	01-94	V-4562	Std Only	Chrome plated stem; 1.103" Head Dia., 0.2148" Stem Dia., 4.037" O.A.L.	
8	Intake	01-94	V-4574	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2157" Stem Dia., 4.033" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	01-94	VG-1394T	Std Only	Loc. Int.; Threaded; 0.2173" ID, 1.64" O.A.L.	
8	Guide	01-94	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	01-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	01-94	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-00	E-646KC	Std-.50-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-94	159M	Std-.026-.026X-.25MM	Race Performance	
1	Main Set	01-94	7324M	Std-.25MM		
1	Thrust Washer Set	01-94	1828F	Std Only		
1	Rod Set	01-94	4-4975P	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-00	224-43587			

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26		2001 - 1997; 1.8L 1797cc DOHC L4 (16 Valve), 81mm Bore VTEC; MFI; Gasoline;			26	
Naturally Aspirated Honda Eng.; Eng. Code B18C5						
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	01-97	222-B247			
1	Timing Belt & Tensioner Set	01-98	BTS-184			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	00-97	HT-2283	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	01-97	V-4562	Std Only	Chrome plated stem; 1.103" Head Dia., 0.2148" Stem Dia., 4.037" O.A.L.	
8	Intake	01-97	V-4574	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2157" Stem Dia., 4.033" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	01-97	VG-1394T	Std Only	Loc. Int.; Threaded; 0.2173" ID, 1.64" O.A.L	
8	Guide	01-97	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	01-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	97	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-00	E-646KC	Std-50-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-97	159M	Std-.026-.026X-.25MM	Race Performance	
1	Main Set	01-97	7324M	Std-.25MM		
1	Thrust Washer Set	01-97	1828F	Std Only		
1	Rod Set	01-97	4-4975P	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-00	224-43587			
27		2010 - 2006; 1.8L 1799cc SOHC L4 (16 Valve), 81mm Bore i-VTEC; MFI; Gasoline;			27	
Naturally Aspirated Honda Eng.; Eng. Code R18A1						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	10-06	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	10-06	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L	
8	Guide	10-06	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	06	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
28		2006; 1.8L 1799cc SOHC L4 (16 Valve), 81mm Bore i-VTEC; MFI; Natural Gas; Naturally			28	
Aspirated Honda Eng.; Eng. Code R18A4						
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	06	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	06	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L	
8	Guide	06	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	06	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
29		1993 - 1991; 1.8L 1834cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally			29	
Aspirated Honda Eng.; Eng. Code B18A1						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-91	222-B184			
1	Timing Belt Tensioner	93-91	222-262BT			
1	Timing Belt & Tensioner Set	93-92	BTS-184			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	93-91	R-998	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	93-91	V-2547	Std Only	Nitrided stem; 1.1024" Head Dia., 0.2578" Stem Dia., 4.173" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	93-91	VG-814	Std Only	Loc. Int.; 0.2605" ID, 1.975" O.A.L	
8	Guide	93-91	VG-815	Std Only	Loc. Exh.; 0.2605" ID, 1.975" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	93-92	VS-980	Std Only	Loc. Int.; 1.676" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	

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29 (cont.)		1993 - 1991; 1.8L 1834cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B18A1				29 (cont.)
VALVETRAIN						
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	93-91	ST-2149	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	93-91	245-1312-64	Std Only	1.319" OD, 1.045" ID, 0.3165" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	93-91	VK-235	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	93-91	4K13584P	Std Only	Cast; 1 -, 1.00mm Groove, 1 - 1.20mm Groove, 1 - 2.00mm Groove, 1.169 CD, Recessed Head .068 deep x 2.624 dia. w/4 valve reliefs, 0.827" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-646KC	Std-50-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	159M	Std-.026-.026X-.25MM	Race Performance	
1	Main Set	93-91	7324M	Std-.25MM		
1	Thrust Washer Set	93-91	1828F	Std Only		
1	Rod Set	93-91	4-1495CP	Std-.25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-91	224-41997			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-91	260-1760		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
93-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6874	----
93-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6874M	----
30		2001 - 1994; 1.8L 1834cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B18B1				30
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	01-94	222-B184			
1	Timing Belt Tensioner	01-94	222-262BT			
1	Timing Belt & Tensioner Set	01-94	BTS-184			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
16	Arm	01-94	R-998	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	01-94	V-2547	Std Only	Nitrided stem; 1.1024" Head Dia., 0.2578" Stem Dia., 4.173" O.A.L.	
8	Intake	01-96	V-4583	Std Only	Chrome plated stem; 1.224" Head Dia., 0.2592" Stem Dia., 4.155" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	01-94	VG-1395T	Std Only	Loc. Int.; Threaded; 0.2605" ID, 1.77" O.A.L	
8	Guide	01-94	VG-1398T	Std Only	Loc. Exh.; Threaded; 0.26" ID, 1.975" O.A.L	
8	Guide	98-94	VG-1397T	Std Only	Loc. Exh.; Threaded; 0.2175" ID, 1.875" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	95-94	VS-980	Std Only	Loc. Int.; 1.676" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	01-94	ST-2149	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	95-94	245-1312-64	Std Only	1.319" OD, 1.045" ID, 0.3165" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	01-94	VK-235	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	01-94	4K13584P	Std Only	Cast; 1 -, 1.00mm Groove, 1 - 1.20mm Groove, 1 - 2.00mm Groove, 1.169 CD, Recessed Head .068 deep x 2.624 dia. w/4 valve reliefs, 0.827" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-94	E-646KC	Std-50-1.00MM	1-1.00MM, 1-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-94	159M	Std-.026-.026X-.25MM	Race Performance	
1	Main Set	01-94	7324M	Std-.25MM		
1	Thrust Washer Set	01-94	1828F	Std Only		

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30 (cont.)		2001 - 1994; 1.8L 1834cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B18B1				30 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Rod Set	01-94	4-1495CP	Std.-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	01-96	224-43587				
1	Oil Pump	95-94	224-41997				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	01-94	260-1760	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
01-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6874	----	
01-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6874M	----	
31		1991; 2.0L 1958cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B20A5				31	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	91	222-142				
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
16	Arm	91	R-998	Std Only			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	91	V-2547	Std Only Nitrided stem; 1.1024" Head Dia., 0.2578" Stem Dia., 4.173" O.A.L.			
8	Intake	91	V-2548	Std Only Nitrided stem; 1.299" Head Dia., 0.259" Stem Dia., 4.11" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	91	VG-814	Std Only Loc. Int.; 0.2605" ID, 1.975" O.A.L			
8	Guide	91	VG-815	Std Only Loc. Exh.; 0.2605" ID, 1.975" O.A.L			
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
8	Valve Stem Seal	91	ST-2066	Std Only Loc. Int.; Positive type; (RBB) Rubber			
8	Valve Stem Seal	91	ST-2067	Std Only Loc. Exh.; Positive type; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
4	Seat	91	245-1375-55	Std Only Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth			
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	91	VK-235	Std Only Loc. Int.			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	91	E-517KC	Std.-50MM 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome			
4	Premium Single Cylinder Set	91	WE-517KC	Std Only 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	91	160M	Std Only Race Performance			
1	Main Set	91	7102M	Std.-25-50MM			
1	Thrust Washer Set	91	1826AF	Std Only			
1	Rod Set	91	4-1825CP	Std.-25-50-75MM			
1	Rod Set	91	4-7195CH	Std Only Race Performance			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	91	224-41965				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	91	260-1933	Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	91	381-8065				
1	Brass Deep Cup Freeze Plug	91	381-9009	35mm Diameter			
1	Steel Deep Cup Freeze Plug	91	381-3095	0.500" Diameter			
32		2003 - 2000; 2.0L 1997cc DOHC L4 (16 Valve), 87mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F20C1				32	
VALVETRAIN							
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	03-00	ST-2124	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®			

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33	2004 - 2002; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K20A2					33
VALVETRAIN						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	04-02	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
34	2006 - 2002; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K20A3					34
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	06	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
8	Exhaust	06	V-4696	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.65mm O.A.L.	
8	Intake	06	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	06	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
16	Valve Stem Seal	05-04	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
16	Valve Stem Seal	03-02	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
35	2006; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K20Z1					35
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	06	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
8	Exhaust	06	V-4703	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.75mm O.A.L.	
36	2010 - 2006; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K20Z3					36
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	10-06	V-4703	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.75mm O.A.L.	
8	Exhaust	06	V-4372	Std Only	Chrome plated stem; 1.024" Head Dia., 0.2148" Stem Dia., 4.565" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	10-06	VK-245	Std Only	Loc. Int. & Exh.	
37	1991; 2.1L 2056cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B21A1					37
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-142			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
8	Arm	91	R-998	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	91	V-2638	Std Only	Chrome plated stem; 1.1" Head Dia., 0.256" Stem Dia., 4.125" O.A.L.	
8	Intake	91	V-2548	Std Only	Nitrided stem; 1.299" Head Dia., 0.259" Stem Dia., 4.11" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	91	VG-814	Std Only	Loc. Int.; 0.2605" ID, 1.975" O.A.L	
8	Guide	91	VG-815	Std Only	Loc. Exh.; 0.2605" ID, 1.975" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-1425	Std Only	Loc. Exh. Outer; 1.81" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	91	ST-2084	Std Only	Positive type; (RBB) Rubber; Superseded - When depleted use ST-2149	
16	Valve Stem Seal	91	ST-2149	Std Only	Positive type, Metal Clad	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	91	VK-235	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-555KC	Std-50MM	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	160M	Std Only	Race Performance	
1	Main Set	91	7102M	Std-25-50MM		
1	Thrust Washer Set	91	1826AF	Std Only		
1	Rod Set	91	4-1825CP	Std-25-50-75MM		
1	Rod Set	91	4-7195CH	Std Only	Race Performance	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-41965			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	

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37 (cont.)		1991; 2.1L 2056cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B21A1				37 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	91	260-1934	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
38		1996 - 1991; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22A1				38	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	96-91	222-B187	113 Teeth			
1	Timing Belt Tensioner	96-91	222-203BT				
1	Timing Belt & Tensioner Set	96-91	BTS-187				
1	Bal. Shaft Belt	96-91	222-B186	70 Teeth			
1	Bal. Shaft Belt Tensioner	96-91	222-204BT				
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION			
4	Arm	96-91	R-1010	Std Only	Loc. Int. "A"		
4	Arm	96-91	R-1011	Std Only	Loc. Int. "B"		
8	Arm	96-91	R-1012	Std Only	Loc. Exh.		
1	Rocker Shaft	96-91	RS-701	Std Only	Loc. Exh.		
3	Rocker Shaft	96-91	RS-702	Std Only	Loc. Int. "B"		
2	Rocker Shaft	96-91	RS-703	Std Only	Loc. Int. "A"		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	96-91	V-2565X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.		
8	Intake	96-91	V-2566	Std Only	Chrome plated stem; 1.339" Head Dia., 0.215" Stem Dia., 4.41" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	96-91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
8	Guide	96-91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
8	Spring	95-91	VS-1418	Std Only	Loc. Int.; 2.21" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	96-91	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
8	Seat	96-91	245-1250-64	Std Only	Loc. Int.; 1.25" OD, 0.97" ID, 0.27" Depth		
8	Seat	96-91	245-1375-65	Std Only	Loc. Exh.; 1.375" OD, 1.165" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
32	Keeper	96-91	VK-245	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
4	Cast Piston	96-91	H828P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.		
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	96-91	E-556KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	96-91	WE-556KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	96-91	7103M	Std-25-50MM			
1	Thrust Washer Set	96-91	1203BF	Std Only	Loc. 4		
1	Rod Set	96-91	4-1825CP	Std-25-50-75MM			
1	Rod Set	96-91	4-7195CH	Std Only	Race Performance		
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	96	224-43627	When depleted use 224-43588			
1	Oil Pump	96-92	224-43588				
1	Oil Pump	93-91	224-41977				
1	Screen Assy.	96-91	224-14285				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	96-91	260-1733	Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
96-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6420	----		
96-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			205-6420M	----		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		

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38 (cont.)	1996 - 1991; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22A1				38 (cont.)
KITS					
OVERHAUL KIT (cont.)				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
93-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6276	----
39	1991; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22A4				39
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	91	222-B187	113 Teeth	
1	Timing Belt Tensioner	91	222-203BT		
1	Timing Belt & Tensioner Set	91	BTS-187		
1	Bal. Shaft Belt	91	222-B186	70 Teeth	
1	Bal. Shaft Belt Tensioner	91	222-204BT		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
4	Arm	91	R-1010	Std Only	Loc. Int. "A"
4	Arm	91	R-1011	Std Only	Loc. Int. "B"
8	Arm	91	R-1012	Std Only	Loc. Exh.
1	Rocker Shaft	91	RS-701	Std Only	Loc. Exh.
3	Rocker Shaft	91	RS-702	Std Only	Loc. Int. "B"
2	Rocker Shaft	91	RS-703	Std Only	Loc. Int. "A"
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	91	V-2565X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.
8	Intake	91	V-2566	Std Only	Chrome plated stem; 1.339" Head Dia., 0.215" Stem Dia., 4.41" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.
8	Guide	91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
8	Spring	91	VS-1418	Std Only	Loc. Int.; 2.21" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	91	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	91	245-1250-64	Std Only	Loc. Int.; 1.25" OD, 0.97" ID, 0.27" Depth
8	Seat	91	245-1375-65	Std Only	Loc. Exh.; 1.375" OD, 1.165" ID, 0.31" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	91	VK-245	Std Only	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
4	Cast Piston	91	H828P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	91	E-556KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome
4	Premium Single Cylinder Set	91	WE-556KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	91	7103M	Std-25-50MM	
1	Thrust Washer Set	91	1203BF	Std Only	Loc. 4
1	Rod Set	91	4-1825CP	Std-25-50-75MM	
1	Rod Set	91	4-7195CH	Std Only	Race Performance
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	91	224-41977		
1	Screen Assy.	91	224-14285		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	91	260-1734	Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6423	----
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6423M	----
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6275	----

Honda Car (Incl. Acura, Honda)

40 **1993 - 1991; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22A6** **40**

VALVETRAIN

QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	93-91	222-B187		113 Teeth
1	Timing Belt Tensioner	93-91	222-203BT		
1	Timing Belt & Tensioner Set	93-91	BTS-187		
1	Bal. Shaft Belt	93-91	222-B186		70 Teeth
1	Bal. Shaft Belt Tensioner	93-91	222-204BT		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
4	Arm	93-91	R-1010	Std Only	Loc. Int. "A"
4	Arm	93-91	R-1011	Std Only	Loc. Int. "B"
8	Arm	93-91	R-1012	Std Only	Loc. Exh.
1	Rocker Shaft	93-91	RS-701	Std Only	Loc. Exh.
3	Rocker Shaft	93-91	RS-702	Std Only	Loc. Int. "B"
2	Rocker Shaft	93-91	RS-703	Std Only	Loc. Int. "A"
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	93-91	V-2565X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.
8	Intake	93-91	V-2566	Std Only	Chrome plated stem; 1.339" Head Dia., 0.215" Stem Dia., 4.41" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	93-91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.
8	Guide	93-91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	93-92	VS-1423	Std Only	Loc. Int.; 2.1" Free Height
8	Spring	91	VS-1418	Std Only	Loc. Int.; 2.21" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	93-91	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	93-91	245-1250-64	Std Only	Loc. Int.; 1.25" OD, 0.97" ID, 0.27" Depth
8	Seat	93-91	245-1375-65	Std Only	Loc. Exh.; 1.375" OD, 1.165" ID, 0.31" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	93-91	VK-245	Std Only	

BLOCK

QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	93-91	H828P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-556KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome
4	Premium Single Cylinder Set	93-91	WE-556KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	7103M	Std-.25-.50MM	
1	Thrust Washer Set	93-91	1203BF	Std Only	Loc. 4
1	Rod Set	93-91	4-1825CP	Std-.25-.50-.75MM	
1	Rod Set	93-91	4-7195CH	Std Only	Race Performance
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	93-91	224-41977		
1	Screen Assy.	91	224-14285		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93-91	260-1733		Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

KITS

RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
93-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring		205-6420	----
93-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6420M	----
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
93-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings		BK-6276	----

41 **1997 - 1994; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B2** **41**

VALVETRAIN

QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	97-94	222-B187		113 Teeth
1	Timing Belt Tensioner	97-94	222-203BT		

Honda Car (Incl. Acura, Honda)

41 (cont.)	1997 - 1994; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B2					41 (cont.)
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt & Tensioner Set	97-94	BTS-187			
1	Bal. Shaft Belt	97-94	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	97-94	222-204BT			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
4	Arm	97-94	R-1010	Std Only	Loc. Int. "A"	
4	Arm	97-94	R-1011	Std Only	Loc. Int. "B"	
8	Arm	97-94	R-1012	Std Only	Loc. Exh.	
3	Rocker Shaft	97-94	RS-702	Std Only	Loc. Int. "B"	
2	Rocker Shaft	97-94	RS-703	Std Only	Loc. Int. "A"	
1	Rocker Shaft	96-94	RS-701	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	96-94	V-2565X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.	
8	Intake	97	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	97-94	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	97-94	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	97-94	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	97-94	245-1250-64	Std Only	Loc. Int.; 1.25" OD, 0.97" ID, 0.27" Depth	
8	Seat	97-94	245-1375-65	Std Only	Loc. Exh.; 1.375" OD, 1.165" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	97-94	VK-245	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	97-94	H828P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	97-94	E-556KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	97-94	WE-556KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-94	7103M	Std-25-50MM		
1	Thrust Washer Set	97-94	1203BF	Std Only	Loc. 4	
1	Rod Set	97-94	4-1825CP	Std-25-50-75MM		
1	Rod Set	97-94	4-7195CH	Std Only	Race Performance	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-96	224-43588			
1	Oil Pump	97-96	224-43627		When depleted use 224-43588	
1	Oil Pump	95-94	224-41977			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-94	260-1732		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
97-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.				205-6419	----
97-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.				205-6419M	----
42	1997 - 1994; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B1					42
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	97-94	222-B244		112 Teeth	
1	Timing Belt Tensioner	97-94	222-203BT			
1	Timing Belt & Tensioner Set	97-94	BTS-244			
1	Bal. Shaft Belt	97-94	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	97-94	222-204BT			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
4	Arm	97-94	R-1010	Std Only	Loc. Int. "A"	
4	Arm	97-94	R-1011	Std Only	Loc. Int. "B"	
8	Arm	97-94	R-1012	Std Only	Loc. Exh.	
3	Rocker Shaft	97-94	RS-702	Std Only	Loc. Int. "B"	
2	Rocker Shaft	97-94	RS-703	Std Only	Loc. Int. "A"	

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42 (cont.)		1997 - 1994; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B1			42 (cont.)	
VALVETRAIN						
QTY	ROCKER PARTS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	96-94	RS-701	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	97-94	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
8	Intake	97-94	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	97-94	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L	
8	Guide	97-94	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	97-94	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	97-94	245-1250-64	Std Only	Loc. Int.; 1.25" OD, 0.97" ID, 0.27" Depth	
8	Seat	97-94	245-1375-65	Std Only	Loc. Exh.; 1.375" OD, 1.165" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	97-94	VK-245	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	97-94	H828P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	97-94	E-556KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	97-94	WE-556KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-94	7103M	Std-25-50MM		
1	Thrust Washer Set	97-94	1203BF	Std Only	Loc. 4	
1	Rod Set	97-94	4-1825CP	Std-25-50-75MM		
1	Rod Set	97-94	4-7195CH	Std Only	Race Performance	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97	224-43627		When depleted use 224-43588	
1	Oil Pump	97-94	224-43588			
1	Oil Pump	96	224-43627		When depleted use 224-43588	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-96	260-1776		Sedan; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97-96	260-1777		Coupe; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-94	260-1776		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
43		1996 - 1993; 2.2L 2157cc DOHC L4 (16 Valve), 87mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code H22A1			43	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	96-93	222-B226		155 Teeth	
1	Timing Belt & Tensioner Set	94	BTS-187			
1	Bal. Shaft Belt	96-93	222-B186		70 Teeth	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	96-93	V-4514	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2153" Stem Dia., 4.21" O.A.L.	
8	Intake	96-93	V-4513	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2155" Stem Dia., 4.201" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	96-93	VG-1393T	Std Only	Loc. Int.; Threaded; 0.217" ID, 1.715" O.A.L	
8	Guide	96-93	VG-1396T	Std Only	Loc. Exh.; Threaded; 0.217" ID, 2.045" O.A.L	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-93	7103M	Std-25-50MM		
1	Thrust Washer Set	96-93	1203BF	Std Only	Loc. 4	
1	Rod Set	96-93	4-1825CP	Std-25-50-75MM		
1	Rod Set	96-93	4-7195CH	Std Only	Race Performance	
44		2001 - 1997; 2.2L 2157cc DOHC L4 (16 Valve), 87mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code H22A4			44	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	01-97	222-B226		155 Teeth	
1	Bal. Shaft Belt	01-97	222-B186		70 Teeth	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	

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44 (cont.)		2001 - 1997; 2.2L 2157cc DOHC L4 (16 Valve), 87mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code H22A4				44 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	01-97	V-4514	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2153" Stem Dia., 4.21" O.A.L.	
8	Intake	01-97	V-4513	Std Only	Chrome plated stem; 1.378" Head Dia., 0.2155" Stem Dia., 4.201" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	01-97	VG-1393T	Std Only	Loc. Int.; Threaded; 0.217" ID, 1.715" O.A.L	
8	Guide	01-97	VG-1396T	Std Only	Loc. Exh.; Threaded; 0.217" ID, 2.045" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	01-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97	7103M	Std.-25-.50MM		
1	Thrust Washer Set	97	1203BF	Std Only	Loc. 4	
1	Rod Set	01-97	4-1825CP	Std.-25-.50-.75MM		
1	Rod Set	97	4-7195CH	Std Only	Race Performance	
45		2006 - 2005; 2.2L 2178cc DOHC L4 (16 Valve), 87mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22C1				45
VALVETRAIN						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	06-05	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
46		2002 - 1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A5				46
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	02-98	222-B244		112 Teeth	
1	Timing Belt Tensioner	02-98	222-203BT			
1	Timing Belt & Tensioner Set	02-98	BTS-244			
1	Bal. Shaft Belt	02-98	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	02-98	222-204BT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	02-98	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
8	Intake	02-98	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	02-00	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L	
8	Guide	02-00	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	00-98	VS-1651	Std Only	Loc. Int.; 2.011" Free Height	
8	Spring	00-98	VS-1652	Std Only	Loc. Exh.; 2.188" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	02-98	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	02-98	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-98	E-946KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-98	7102M	Std.-25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-98	224-43588			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-98	260-1830		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
47		2002 - 1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A1				47
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	02-98	222-B244		112 Teeth	
1	Timing Belt Tensioner	02-98	222-203BT			
1	Timing Belt & Tensioner Set	02-98	BTS-244			
1	Bal. Shaft Belt	02-98	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	02-98	222-204BT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	02-98	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	

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47 (cont.)		2002 - 1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A1				47 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Intake	02-98	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
8	Guide	02-00	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	02-00	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
8	Spring	02-98	VS-1651	Std Only	Loc. Int.; 2.011" Free Height	
8	Spring	02-98	VS-1652	Std Only	Loc. Exh.; 2.188" Free Height	
16	Valve Stem Seal	02-98	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
32	Valve, Misc Keeper	02-98	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	02-98	4K13581P	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.170 CD, Recessed Head .135 deep x 3.167 dia. w/4 valve reliefs, 22.009mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-98	E-946KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-98	7102M	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-98	224-43588			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-98	260-1830		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
48		2002 - 1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A4				48
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	02-98	222-B244		112 Teeth	
1	Timing Belt Tensioner	02-98	222-203BT			
1	Timing Belt & Tensioner Set	02-98	BTS-244			
1	Bal. Shaft Belt	02-98	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	02-98	222-204BT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	02-98	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
8	Intake	02-98	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	02-00	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
8	Guide	02-00	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	00-98	VS-1651	Std Only	Loc. Int.; 2.011" Free Height	
8	Spring	00-98	VS-1652	Std Only	Loc. Exh.; 2.188" Free Height	
16	Valve Stem Seal	02-98	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
32	Valve, Misc Keeper	02-98	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	02-98	4K13581P	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.170 CD, Recessed Head .135 deep x 3.167 dia. w/4 valve reliefs, 22.009mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-98	E-946KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-98	7102M	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-98	224-43588			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-98	260-1830		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	

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49		1996 - 1992; 2.3L 2259cc DOHC L4 (16 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code H23A1				49
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt Tensioner	96-92	222-203BT			
1	Bal. Shaft Belt	96-92	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	96-92	222-204BT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	96-92	V-2640	Std Only	Nitrided stem; 1.142" Head Dia., 0.258" Stem Dia., 4.043" O.A.L.	
8	Intake	96-92	V-3919	Std Only	Chrome plated stem; 1.338" Head Dia., 0.2592" Stem Dia., 4.08" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	96-92	VS-968	Std Only	1.882" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	96-92	ST-2149	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	96-92	VK-235	Std Only		
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-92	7103M	Std.-25-50MM		
1	Thrust Washer Set	96-92	1203BF	Std Only	Loc. 4	
1	Rod Set	96-92	4-1825CP	Std.-25-50-75MM		
1	Rod Set	96-92	4-7195CH	Std Only	Race Performance	
50		2008 - 2004; 2.4L 2354cc DOHC L4 (16 Valve), 87mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K24A2				50
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	08-04	V-4703	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.75mm O.A.L.	
8	Intake	06-04	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.	
51		2005 - 2003; 2.4L 2354cc DOHC L4 (16 Valve), 87mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K24A4				51
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-03	V-4696	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.65mm O.A.L.	
8	Intake	05-03	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	05-03	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
52		2007 - 2006; 2.4L 2354cc DOHC L4 (16 Valve), 87mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K24A8				52
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	07-06	V-4696	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.65mm O.A.L.	
8	Intake	07-06	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.	
53		1994 - 1992; 2.5L 2451cc SOHC L5 (20 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code G25A1				53
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	94-92	222-B211			
54		1998 - 1995; 2.5L 2451cc SOHC L5 (20 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code G25A4				54
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	98-95	222-B211			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Intake	98-95	V-2566	Std Only	Chrome plated stem; 1.339" Head Dia., 0.215" Stem Dia., 4.41" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
10	Guide	98-95	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
10	Guide	98-95	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
20	Keeper	98-95	VK-245	Std Only	Loc. Int.	

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55		1997 - 1995; 2.7L 2675cc SOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code C27A4				55
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	97-95	222-B263			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	97-95	V-2627	Std Only	1.083" Head Dia., 0.2578" Stem Dia., 4.2" O.A.L.	
12	Intake	97-95	V-2548	Std Only	Nitrided stem; 1.299" Head Dia., 0.259" Stem Dia., 4.11" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	97-95	VG-814	Std Only	Loc. Int.; 0.2605" ID, 1.975" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	97-95	ST-2149	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad	
56		2005 - 1991; 3.0L 2977cc DOHC V6 (24 Valve), 90mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code C30A1				56
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	03-91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	03-91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	05-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
57		2002 - 1997; 3.0L 2997cc SOHC V6 (24 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J30A1				57
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	02-97	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
12	Intake	02-97	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	02-98	VG-797	Std Only	0.2173" ID, 2.126" O.A.L.	
12	Guide	02-98	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	02-98	VK-245	Std Only		
58		2005 - 2003; 3.0L 2997cc SOHC V6 (24 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J30A4				58
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	03	VG-797	Std Only	0.2173" ID, 2.126" O.A.L.	
12	Guide	03	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	05	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	03	VK-245	Std Only		
59		2006; 3.0L 2997cc SOHC V6 (24 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J30A5				59
VALVETRAIN						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	06	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
60		2006 - 2005; 3.0L 2997cc SOHC V6 (24 Valve), 86mm Bore VTEC; MFI; Hybrid (Gas/Electric); Naturally Aspirated Honda Eng.; Eng. Code JNA1				60
VALVETRAIN						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	06-05	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
61		2005 - 2000; 3.2L 3179cc DOHC V6 (24 Valve), 93mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code C32B1				61
VALVETRAIN						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	05-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
62		1995 - 1991; 3.2L 3206cc SOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code C32A1				62
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	95-91	HT-2282	Std Only		

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62 (cont.)	1995 - 1991; 3.2L 3206cc SOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code C32A1					62 (cont.)
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	95-91	V-4698	Std Only	Nitrided stem; 28mm Head Dia., 5.45mm Stem Dia., 117.65mm O.A.L.	
12	Intake	95-91	V-4697	Std Only	Nitrided stem; 33mm Head Dia., 5.48mm Stem Dia., 114.75mm O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	95-91	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	95-91	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	95-91	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-91	E-630KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95-91	260-1758		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
63	1998 - 1996; 3.2L 3206cc SOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code C32A6					63
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	98-96	HT-2282	Std Only		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	98-96	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	98-96	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	98-96	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	98-96	E-630KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome	
64	2003 - 1999; 3.2L 3210cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J32A1					64
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	03-00	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.	
12	Exhaust	99	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
12	Intake	03-00	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.	
12	Intake	99	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	03-99	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	03-99	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	03-99	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	03-99	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	99	260-1949		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
65	2003 - 2001; 3.2L 3210cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J32A2					65
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	03-01	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.	
12	Intake	03-01	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	03-01	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	03-01	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	03-01	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	03-01	VK-245	Std Only	Loc. Int. & Exh.	

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66		2008 - 2005; 3.2L 3210cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;					66	
Naturally Aspirated Honda Eng.; Eng. Code J32A3								
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	08-05	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.			
12	Intake	08-05	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	08-06	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	08-06	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.			
67		2008 - 2005; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;					67	
Naturally Aspirated Honda Eng.; Eng. Code J35A8								
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	08-07	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.			
12	Exhaust	08-07	V-4702	Std Only				
12	Exhaust	06-05	V-4702	Std Only				
12	Intake	08-06	V-4701	Std Only	Nitrided stem; 36mm Head Dia., 5.49mm Stem Dia., 116.9mm O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	08-05	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	08-05	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
24	Valve Stem Seal	08-05	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®			
68		2010 - 2008; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;					68	
Naturally Aspirated Honda Eng.; Eng. Code J35Z2								
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	10-08	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	10-08	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	10-08	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.			
69		2010 - 2009; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;					69	
Naturally Aspirated Honda Eng.; Eng. Code J35Z6								
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	10-09	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	10-09	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	10-09	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
24	Valve Stem Seal	10-09	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®			
70		2004 - 1996; 3.5L 3474cc SOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally					70	
Aspirated Honda Eng.; Eng. Code C35A1								
VALVETRAIN								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
24	Lifter	04-96	HT-2282	Std Only				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	04-00	V-4698	Std Only	Nitrided stem; 28mm Head Dia., 5.45mm Stem Dia., 117.65mm O.A.L.			
12	Intake	04-00	V-4697	Std Only	Nitrided stem; 33mm Head Dia., 5.48mm Stem Dia., 114.75mm O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	03-96	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	03-96	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
24	Valve Stem Seal	04-00	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
48	Keeper	03-01	VK-245	Std Only	Loc. Int. & Exh.			
71		2010 - 2009; 3.7L 3664cc SOHC V6 (24 Valve), 90mm Bore VTEC; MFI; Gasoline;					71	
Naturally Aspirated Honda Eng.; Eng. Code J37A2								
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	10-09	V-4702	Std Only				
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	09	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	09	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.			

Honda Car (Incl. Acura, Honda)

71 (cont.)	2010 - 2009; 3.7L 3664cc SOHC V6 (24 Valve), 90mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J37A2	71 (cont.)
VALVETRAIN		
QTY 24	VALVE SEAL Valve Stem Seal	YEARS 10-09
	PART NO. ST-2124	DESCRIPTION Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
72		
2009; 3.7L 3664cc SOHC V6 (24 Valve), 90mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J37A4		
VALVETRAIN		
QTY 12	VALVE Exhaust	YEARS 09
	PART NO. V-4688	DESCRIPTION Std Only Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.
QTY 12	VALVE GUIDE Guide	YEARS 09
	PART NO. VG-797	DESCRIPTION Std Only Loc. Exh.; 0.2173" ID, 2.126" O.A.L.
12	Guide	09
	PART NO. VG-803	DESCRIPTION Std Only Loc. Int.; 0.2173" ID, 1.87" O.A.L.

Honda Minivans - See Honda Truck

Honda SUV's - See Honda Truck

Honda Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	120.3	1972cc	DOHC L4	84mm	16	Honda Eng.		B20B4		MFI/Gasoline	1998-1997	1
2.0L	120.3	1972cc	DOHC L4	84mm	16	Honda Eng.		B20Z2		MFI/Gasoline	2001-1999	2
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22B6		MFI/Gasoline	1997-1995	3
2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		F23A7		MFI/Gasoline	1998	4
2.3L	140.4	2301cc	DOHC L4	86mm	16	Honda Eng.		K23A1		MFI/Gasoline	2009-2007	5
2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		K24A1		MFI/Gasoline	2006-2002	6
2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		K24A4		MFI/Gasoline	2006-2003	7
2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		K24A8		MFI/Gasoline	2010-2007	8
2.6L	156.2	2559cc	SOHC L4	92.6mm	8	Isuzu Eng.		4ZE1		MFI/Gasoline	1997-1994	9
3.2L	193.0	3165cc	DOHC V6	93.4mm	24	Isuzu Eng.		6VD2		MFI/Gasoline	2002-1998	10
3.2L	193.0	3165cc	SOHC V6	93.4mm	24	Isuzu Eng.		6VD1		MFI/Gasoline	1997-1994	11
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A1		MFI/Gasoline	2001-1999	12
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A3		MFI/Gasoline	2002-2001	13
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A4		MFI/Gasoline	2004-2002	14
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A5		MFI/Gasoline	2006-2003	15
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A6		MFI/Gasoline	2007-2005	16
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A9		MFI/Gasoline	2007-2006	17
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35Z2		MFI/Gasoline	2010	18
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35Z5		MFI/Gasoline	2010-2009	19
3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		J35A7		MFI/Gasoline	2007-2005	20
3.5L	214.0	3494cc	DOHC V6	93.4mm	24	Isuzu Eng.		6VE1		MFI/Gasoline	2000-1998	21
3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		J37A1		MFI/Gasoline	2010-2007	22
3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		J37A5		MFI/Gasoline	2011-2010	23
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
B20B4	2.0L	120.3	1972cc	DOHC L4	84mm	16	Honda Eng.		MFI/Gasoline	1998-1997	1	
B20Z2	2.0L	120.3	1972cc	DOHC L4	84mm	16	Honda Eng.		MFI/Gasoline	2001-1999	2	
F22B6	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1997-1995	3	
F23A7	2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	1998	4	
J35A1	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2001-1999	12	
J35A3	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2002-2001	13	
J35A4	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2004-2002	14	
J35A5	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2006-2003	15	
J35A6	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2007-2005	16	
J35A7	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2007-2005	20	
J35A9	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2007-2006	17	
J35Z2	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2010	18	
J35Z5	3.5L	212.0	3471cc	SOHC V6	89mm	24	Honda Eng.		MFI/Gasoline	2010-2009	19	
J37A1	3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	2010-2007	22	
J37A5	3.7L	223.6	3664cc	SOHC V6	90mm	24	Honda Eng.		MFI/Gasoline	2011-2010	23	
K23A1	2.3L	140.4	2301cc	DOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	2009-2007	5	
K24A1	2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2006-2002	6	

Honda Truck (Incl. Minivans and SUV's)

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
K24A4	2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2006-2003	7
K24A8	2.4L	144.0	2354cc	DOHC L4	87mm	16	Honda Eng.		MFI/Gasoline	2010-2007	8
4ZE1	2.6L	156.2	2559cc	SOHC L4	92.6mm	8	Isuzu Eng.		MFI/Gasoline	1997-1994	9
6VD1	3.2L	193.0	3165cc	SOHC V6	93.4mm	24	Isuzu Eng.		MFI/Gasoline	1997-1994	11
6VD2	3.2L	193.0	3165cc	DOHC V6	93.4mm	24	Isuzu Eng.		MFI/Gasoline	2002-1998	10
6VE1	3.5L	214.0	3494cc	DOHC V6	93.4mm	24	Isuzu Eng.		MFI/Gasoline	2000-1998	21
1	1998 - 1997; 2.0L 1972cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B20B4										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	98-97	222-B184								
1	Timing Belt Tensioner	98	222-262BT								
1	Timing Belt Tensioner	97	222-262BT								
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION							
8	Arm	98-97	R-998	Std Only							
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
8	Exhaust	98-97	V-2547	Std Only Nitrided stem; 1.1024" Head Dia., 0.2578" Stem Dia., 4.173" O.A.L.							
8	Intake	98-97	V-4583	Std Only Chrome plated stem; 1.224" Head Dia., 0.2592" Stem Dia., 4.155" O.A.L.							
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
16	Valve Stem Seal	98-97	ST-2149	Std Only Loc. Int. & Exh.; Positive type, Metal Clad							
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	98-97	7324M	Std.-25MM							
1	Thrust Washer Set	98-97	1826AF	Std Only							
1	Rod Set	98-97	4-1495CP	Std.-25-.50MM							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION							
1	Oil Pump	98-97	224-43587								
2	2001 - 1999; 2.0L 1972cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code B20Z2										2
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	01-99	222-B184								
1	Timing Belt Tensioner	01-99	222-262BT								
1	Timing Belt & Tensioner Set	01-00	BTS-184								
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION							
8	Arm	01-99	R-998	Std Only							
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
8	Exhaust	01-99	V-2547	Std Only Nitrided stem; 1.1024" Head Dia., 0.2578" Stem Dia., 4.173" O.A.L.							
8	Intake	01-99	V-4583	Std Only Chrome plated stem; 1.224" Head Dia., 0.2592" Stem Dia., 4.155" O.A.L.							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
8	Guide	01-00	VG-814	Std Only Loc. Int.; 0.2605" ID, 1.975" O.A.L.							
8	Guide	01-00	VG-815	Std Only Loc. Exh.; 0.2605" ID, 1.975" O.A.L.							
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION							
8	Spring	01-00	VS-980	Std Only Loc. Int.; 1.676" Free Height							
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
16	Valve Stem Seal	01-99	ST-2149	Std Only Loc. Int. & Exh.; Positive type, Metal Clad							
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
32	Keeper	01-00	VK-235	Std Only							
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	01-99	7324M	Std.-25MM							
1	Thrust Washer Set	01-99	1826AF	Std Only							
1	Rod Set	01-99	4-1495CP	Std.-25-.50MM							
1	Rod Set	01-99	4-1825CP	Std.-25-.50-.75MM Replaces OEM 13211PR4A01							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION							
1	Oil Pump	01-99	224-43587								
3	1997 - 1995; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B6										3
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	97-95	222-B187	113 Teeth							
1	Timing Belt Tensioner	97-95	222-203BT								

Honda Truck (Incl. Minivans and SUV's)

3 (cont.)		1997 - 1995; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B6				3 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt & Tensioner Set	97-95	BTS-187				
1	Bal. Shaft Belt	97-95	222-B186		70 Teeth		
1	Bal. Shaft Belt Tensioner	97-95	222-204BT				
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
4	Arm	97-95	R-1010	Std Only	Loc. Int. "A"		
4	Arm	97-95	R-1011	Std Only	Loc. Int. "B"		
8	Arm	97-95	R-1012	Std Only	Loc. Exh.		
2	Rocker Shaft	97-95	RS-701	Std Only	Loc. Exh.		
2	Rocker Shaft	97-95	RS-702	Std Only	Loc. Int. "A"		
3	Rocker Shaft	97-95	RS-703	Std Only	Loc. Int. "B"		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	97-96	V-4576X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.		
8	Exhaust	95	V-2565X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.		
8	Intake	97-95	V-4349A	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2161" Stem Dia., 4.411" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	97-95	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L		
8	Guide	97-95	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	97-95	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	97-95	245-1250-64	Std Only	Loc. Exh.; 1.25" OD, 0.97" ID, 0.27" Depth		
8	Seat	97-95	245-1375-65	Std Only	Loc. Int.; 1.375" OD, 1.165" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	97-95	VK-245	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	97-95	H828P	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-95	E-556KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	97-95	WE-556KC	Std Only	2-1.20MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-95	7103M	Std-.25-.50MM			
1	Thrust Washer Set	97-95	1203BF	Std Only	Loc. 4		
1	Rod Set	97-95	4-1825CP	Std-.25-.50-.75MM			
1	Rod Set	97-95	4-7195CH	Std Only	Race Performance		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-96	224-43627		When depleted use 224-43588		
1	Oil Pump	97-95	224-43588				
1	Screen Assy.	97-95	224-14285				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-95	260-1732		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-95	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6419	----	
97-95	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6419M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-95	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6274	----	
4		1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A7				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	98	222-B244		Interference Eng.; 112 Teeth		
1	Timing Belt Tensioner	98	222-203BT				
1	Timing Belt & Tensioner Set	98	BTS-244				
1	Bal. Shaft Belt	98	222-B186		Interference Eng.; 70 Teeth		
1	Bal. Shaft Belt Tensioner	98	222-204BT				

Honda Truck (Incl. Minivans and SUV's)

4 (cont.)		1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A7				4 (cont.)	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	98	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.		
8	Intake	98	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	98	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
8	Guide	98	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	98	VK-245	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	98	4K13581P	Std Only	Cast; 2 - 1.20mm Groove, 1 - 2.80mm Groove, 1.170 CD, Recessed Head .135 deep x 3.167 dia. w/4 valve reliefs, 22.009mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98	E-946KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	98	224-43588				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	98	260-1830		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
5		2009 - 2007; 2.3L 2301cc DOHC L4 (16 Valve), 86mm Bore i-VTEC; MFI; Gasoline; Turbo - Intercooled Honda Eng.; Eng. Code K23A1				5	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	09-07	V-4703	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.75mm O.A.L.		
8	Intake	09-07	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.		
6		2006 - 2002; 2.4L 2354cc DOHC L4 (16 Valve), 87mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K24A1				6	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	06-03	V-4696	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.65mm O.A.L.		
8	Intake	06-03	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	05-02	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
7		2006 - 2003; 2.4L 2354cc DOHC L4 (16 Valve), 87mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K24A4				7	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	06-03	V-4696	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.65mm O.A.L.		
8	Intake	06-03	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	03	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
8		2010 - 2007; 2.4L 2354cc DOHC L4 (16 Valve), 87mm Bore i-VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code K24A8				8	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	10-07	V-4696	Std Only	Nitrided stem; 30mm Head Dia., 5.45mm Stem Dia., 108.65mm O.A.L.		
8	Intake	10-07	V-4695	Std Only	Nitrided stem; 35mm Head Dia., 5.48mm Stem Dia., 109.1mm O.A.L.		
9		1997 - 1994; 2.6L 2559cc SOHC L4 (8 Valve), 92.6mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZE1				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	96-94	222-147				
1	Timing Belt Tensioner	96-94	222-183BT				
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
4	Arm	97-94	R-1016	Std Only	Loc. Int. & Exh.		
1	Rocker Shaft	97-94	RS-706	Std Only	Loc. Int.		
1	Rocker Shaft	97-94	RS-707	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	97-94	V-2633	Std Only	Chrome plated stem; 1.4528" Head Dia., 0.3126" Stem Dia., 4.2559" O.A.L.		
4	Intake	97-94	V-2632	Std Only	1.736" Head Dia., 0.313" Stem Dia., 4.28" O.A.L.		

Honda Truck (Incl. Minivans and SUV's)

9 (cont.)	1997 - 1994; 2.6L 2559cc SOHC L4 (8 Valve), 92.6mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZE1					9 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	97-94	VG-697	Std Only	Loc. Exh.; 0.3148" ID, 2.16" O.A.L	
4	Guide	97-94	VG-698	Std Only	Loc. Int.; 0.3145" ID, 1.8" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
4	Spring	97-94	VS-1528	Std Only	1.896" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	97-94	ST-2034	Std Only	Positive type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	97-94	245-1625-54	Std Only	Loc. Exh.; 1.632" OD, 1.329" ID, 0.28" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	97-94	VK-215	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston - Individual	97-94	W13508P	Std-.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 36.5mm CD, Recessed Head 1.40mm deep x 80.00mm dia., 23mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	97-94	E-617K	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Standard Set	97-94	E-617X	Std-.50-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	97-94	WE-617K .50MM	.50-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
4	Premium Single Cylinder Set	97-94	WE-617K 1.00MM	.50-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-94	7320M	Std-.25MM	Thrust washer set not incl.	
1	Thrust Washer Set	97-94	3571BF	Std Only	Loc. 3	
1	Rod Set	97-94	4-4595P	Std-.25MM		
1	Cam Set	97-94	1858M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-94	224-41996			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-94	260-1768		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION					PREMIUM KIT NO.
97-94	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6875
97-94	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Thrust washer set not incl.			Re-ring w/Mains		205-6875M
OVERHAUL KIT						
YEARS	DESCRIPTION					PREMIUM KIT NO.
97-94	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Thrust washer set not incl.			Block Kit w/Premium Rings		BK-6281
10	2002 - 1998; 3.2L 3165cc DOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VD2					10
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt Tensioner	02-98	222-374CT			
1	Belt Idler	02-98	222-350BT		Loc. L.H.	
1	Belt Idler	02-98	222-357BT		Loc. R.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	02-98	HT-2291	Std Only	Mech.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
24	Spring	02-98	VS-1656	Std Only	Loc. Int. & Exh.; 1.97" Free Height	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-98	7408M	Std Only		
1	Thrust Washer Set	02-98	4922F	Std Only		
1	Rod Set	02-98	6-4920P	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-98	224-43639			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-98	260-1791		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	

Honda Truck (Incl. Minivans and SUV's)

11		1997 - 1994; 3.2L 3165cc SOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VD1					11	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	97-94	222-B221					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
24	Lifter	97-94	HT-2254	Std Only	Hyd. lash adj.			
24	Lifter, Bulk	97-94	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	97-94	V-4560	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2347" Stem Dia., 3.9551" O.A.L.			
12	Intake	97-94	V-4669	Std Only	1.3386" Head Dia., 0.2362" Stem Dia., 3.8976" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
24	Guide	97-94	VG-914	Std Only	Loc. Int. & Exh.; 0.2345" ID, 1.775" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
24	Spring	97-94	VS-1656	Std Only	Loc. Int. & Exh.; 1.97" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
24	Valve Stem Seal	97-94	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
12	Seat	97-94	245-1312-66	Std Only	Loc. Exh.; 1.127" ID top taper; 1.3125" OD, 1.02" ID, 0.258" Depth			
12	Seat	97-94	245-1437-67	Std Only	Loc. Int.; 1.270" ID top taper; 1.4445" OD, 1.18" ID, 0.255" Depth			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	97-94	E-965KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	97-94	7408M	Std Only				
1	Thrust Washer Set	97-94	4922F	Std Only				
1	Rod Set	97-94	6-4920P	Std Only				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	97-94	224-43619					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	97-96	260-1787		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	95-94	260-1761		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
KITS								
RE-RING KIT					PREMIUM	STANDARD		
YEARS	DESCRIPTION				KIT NO.	KIT NO.		
97-96	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6877	----		
95-94	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6876	----		
97-96	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6877M	----		
95-94	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6876M	----		
12		2001 - 1999; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J35A1					12	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	01-99	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.			
12	Intake	01-99	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	01-99	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.			
12	Guide	01-99	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
24	Valve Stem Seal	01-99	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
48	Keeper	01-99	VK-245	Std Only	Loc. Int. & Exh.			
BLOCK								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	01-99	7432M	Std-.25MM				
1	Thrust Washer Set	01-99	5006F	Std Only				
1	Rod Set	01-99	6-5005A	Std-.25-.50MM				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	01-99	260-1949		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			

Honda Truck (Incl. Minivans and SUV's)

13		2002 - 2001; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J35A3				13
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	02-01	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
12	Intake	02-01	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	02-01	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	02-01	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	02-01	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	02-01	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-01	7432M	Std-.25MM		
1	Thrust Washer Set	02-01	5006F	Std Only		
1	Rod Set	02-01	6-5005A	Std-.25-.50MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-01	260-1950		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
14		2004 - 2002; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J35A4				14
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	04-02	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.	
12	Intake	04-02	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	04-02	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	04-02	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	04-02	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	04-02	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-02	7432M	Std-.25MM		
1	Thrust Washer Set	04-02	5006F	Std Only		
1	Rod Set	04-02	6-5005A	Std-.25-.50MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	04-02	260-1950		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
15		2006 - 2003; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J35A5				15
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	06-03	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.	
12	Intake	06-03	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	06-03	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.	
12	Guide	06-03	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	06-03	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	04-03	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-03	7432M	Std-.25MM		
1	Thrust Washer Set	04-03	5006F	Std Only		
1	Rod Set	04-03	6-5005A	Std-.25-.50MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	06-03	260-1951		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	

Honda Truck (Incl. Minivans and SUV's)

16		2007 - 2005; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;				16	
Naturally Aspirated Honda Eng.; Eng. Code J35A6							
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	07-05	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.		
12	Intake	07-05	V-4687	Std Only	Nitrided stem; 1.378" Head Dia., 0.216" Stem Dia., 4.567" O.A.L.		
BLOCK							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-05	260-1952		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
17		2007 - 2006; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;				17	
Naturally Aspirated Honda Eng.; Eng. Code J35A9							
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	06	V-4702	Std Only			
12	Intake	06	V-4701	Std Only	Nitrided stem; 36mm Head Dia., 5.49mm Stem Dia., 116.9mm O.A.L.		
BLOCK							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-06	260-1952		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	07-06	260-1952		Canada; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
18		2010; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J35Z2				18	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	10	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	10	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
12	Guide	10	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		
19		2010 - 2009; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore VTEC; MFI; Gasoline;				19	
Naturally Aspirated Honda Eng.; Eng. Code J35Z5							
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	10-09	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	10-09	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.		
12	Guide	10-09	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.		
20		2007 - 2005; 3.5L 3471cc SOHC V6 (24 Valve), 89mm Bore i-VTEC; MFI; Gasoline;				20	
Naturally Aspirated Honda Eng.; Eng. Code J35A7							
BLOCK							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-05	260-1990		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
21		2000 - 1998; 3.5L 3494cc DOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VE1				21	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt Tensioner	99-98	222-374CT				
1	Belt Idler	99-98	222-350BT		Loc. L.H.		
1	Belt Idler	99-98	222-357BT		Loc. R.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	00-98	HT-2291	Std Only	Mech.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	00-98	VG-914	Std Only	Loc. Int. & Exh.; 0.2345" ID, 1.775" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	00-98	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	00-98	6-4920P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-98	224-43639				

Honda Truck (Incl. Minivans and SUV's)

22	2010 - 2007; 3.7L 3664cc SOHC V6 (24 Valve), 90mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J37A1										22
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	10-07	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
12	Guide	10-07	VG-797	Std Only	Loc. Exh.; 0.2173" ID, 2.126" O.A.L.						
12	Guide	10-07	VG-803	Std Only	Loc. Int.; 0.2173" ID, 1.87" O.A.L.						
12	Guide	09	VG-803	Std Only	0.2173" ID, 1.87" O.A.L.						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION						
24	Valve Stem Seal	10-07	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®						
23	2011 - 2010; 3.7L 3664cc SOHC V6 (24 Valve), 90mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code J37A5										23
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	11-10	V-4688	Std Only	Nitrided stem; 1.181" Head Dia., 0.2148" Stem Dia., 4.496" O.A.L.						
12	Intake	11-10	V-4689	Std Only	1.339" Head Dia., 0.2156" Stem Dia., 4.004" O.A.L.						

Hudson Car - See American Motors Car

Hudson Truck - See American Motors Truck

Hummer SUV's (1992-2001) - See AM General Truck

Hummer SUV's (2002-2010) - See GMC Truck

Hyundai Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.		G4G15		MFI/Gasoline	1994-1991	1
1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.		G4DJ		MFI/Gasoline	1994-1991	2
1.5L	91.2	1494cc	DOHC L4	75.5mm	16	Hyundai Eng.		G4FK		MFI/Gasoline	1998-1996	3
1.5L	91.2	1494cc	SOHC L4	75.5mm	12	Hyundai Eng.		G4EK		MFI/Gasoline	2002-1993	4
1.5L	91.2	1494cc	SOHC L4	75.5mm	12	Hyundai Eng.		G4EK-T		MFI/Gasoline	1995-1993	5
1.6L	97.3	1595cc	DOHC L4	82.3mm	16	Mitsubishi Eng.		G4CR		MFI/Gasoline	1995-1992	6
1.6L	98.0	1599cc	DOHC L4	76.5mm	16	Hyundai Eng.		G4CR		MFI/Gasoline	2005-2001	7
1.8L	109.5	1796cc	DOHC L4	82mm	16	Hyundai Eng.		G4GM		MFI/Gasoline	1998-1996	8
1.8L	112.0	1836cc	DOHC L4	80.6mm	16	Hyundai Eng.		G4CN		MFI/Gasoline	1995-1993	9
2.0L	120.5	1975cc	DOHC L4	82mm	16	Hyundai Eng.		G4GF		MFI/Gasoline	2005-1997	10
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.		G4CP		MFI/Gasoline	1998-1992	11
2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		G4JS		MFI/Gasoline	2005-1999	12
2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.		G4CS		MFI/Gasoline	1991	13
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.		G6CT		MFI/Gasoline	2001	14
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.		G6AT		MFI/Gasoline	1998-1991	15
3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		G6CU		MFI/Gasoline	2005-2002	16
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
G4CN	1.8L	112.0	1836cc	DOHC L4	80.6mm	16	Hyundai Eng.		MFI/Gasoline	1995-1993	9	
G4CP	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.		MFI/Gasoline	1998-1992	11	
G4CR	1.6L	97.3	1595cc	DOHC L4	82.3mm	16	Mitsubishi Eng.		MFI/Gasoline	1995-1992	6	
G4CR	1.6L	98.0	1599cc	DOHC L4	76.5mm	16	Hyundai Eng.		MFI/Gasoline	2005-2001	7	
G4CS	2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.		MFI/Gasoline	1991	13	
G4DJ	1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.		MFI/Gasoline	1994-1991	2	
G4EK	1.5L	91.2	1494cc	SOHC L4	75.5mm	12	Hyundai Eng.		MFI/Gasoline	2002-1993	4	
G4EK-T	1.5L	91.2	1494cc	SOHC L4	75.5mm	12	Hyundai Eng.		MFI/Gasoline	1995-1993	5	
G4FK	1.5L	91.2	1494cc	DOHC L4	75.5mm	16	Hyundai Eng.		MFI/Gasoline	1998-1996	3	
G4GF	2.0L	120.5	1975cc	DOHC L4	82mm	16	Hyundai Eng.		MFI/Gasoline	2005-1997	10	
G4GM	1.8L	109.5	1796cc	DOHC L4	82mm	16	Hyundai Eng.		MFI/Gasoline	1998-1996	8	
G4JS	2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2005-1999	12	
G6AT	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.		MFI/Gasoline	1998-1991	15	
G6CT	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.		MFI/Gasoline	2001	14	
G6CU	3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	2005-2002	16	

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Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
4G15	1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.		MFI/Gasoline	1994-1991	1
1	1994 - 1991; 1.5L 1468cc SOHC L4 (8 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G15										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt Tensioner	94-91	222-33BT								
1	Timing Belt & Tensioner Set	94-91	BTS-128								
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION							
6	Arm	94-91	R-1123	Std Only	Loc. Int. & Exh. 1-3						
1	Rocker Shaft	94-91	RS-639	Std Only	Loc. Int.						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
4	Exhaust	94-91	V-2253	Std Only	Nitrided stem; 1.181" Head Dia., 0.258" Stem Dia., 3.97" O.A.L.						
4	Intake	94-91	V-4067	Std Only	Chrome plated stem; 1.379" Head Dia., 0.26" Stem Dia., 4.004" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
4	Guide	94-91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L.						
4	Guide	94-91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L.						
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION							
8	Spring	94-91	VS-1512	Std Only	Loc. Int. & Exh.; 1.799" Free Height						
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
8	Valve Stem Seal	94-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	94-91	VK-230	Std Only	Loc. Int. & Exh.						
BLOCK											
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	94-93	E-881KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome						
1	Premium Set	94-91	E-516KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome						
1	Standard Set	94-93	E-881X	Std Only	2-1.50MM, 1-3.00MM; Iron						
1	Standard Set	94-91	E-516X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron						
4	Premium Single Cylinder Set	94-91	WE-516KC	Std-.50MM	2-1.50MM, 1-4.00MM; Premium Chrome						
4	Standard Single Cylinder Set	94-91	WE-516X	Std-.50-1.00MM	2-1.50MM, 1-4.00MM; Iron						
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	94-91	6630M	Std-.25-.50MM							
1	Rod Set	94-91	4-4475RA	Std-.25-.50MM							
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION							
1	Brass Block Plug Kit	92-91	381-8095								
1	Brass Deep Cup Freeze Plug	92-91	381-9009	35mm Diameter							
2	1994 - 1991; 1.5L 1468cc SOHC L4 (8 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4DJ										2
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	94-91	222-128								
1	Timing Belt Tensioner	94-91	222-33BT								
1	Timing Belt & Tensioner Set	94-91	BTS-128								
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION							
6	Arm	94-91	R-1123	Std Only	Loc. Int. & Exh. 1-3						
1	Rocker Shaft	94-91	RS-639	Std Only	Loc. Int.						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
4	Exhaust	94-91	V-2253	Std Only	Nitrided stem; 1.181" Head Dia., 0.258" Stem Dia., 3.97" O.A.L.						
4	Intake	94-91	V-4067	Std Only	Chrome plated stem; 1.379" Head Dia., 0.26" Stem Dia., 4.004" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
4	Guide	94-91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L.						
4	Guide	94-91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L.						
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION							
8	Spring	94-91	VS-1512	Std Only	Loc. Int. & Exh.; 1.799" Free Height						
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
8	Valve Stem Seal	94-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	94-91	VK-230	Std Only	Loc. Int. & Exh.						
BLOCK											
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	94-93	E-881KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome						
1	Premium Set	94-91	E-516KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome						
1	Standard Set	94-93	E-881X	Std Only	2-1.50MM, 1-3.00MM; Iron						

2		1994 - 1991; 1.5L 1468cc SOHC L4 (8 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4DJ				2	
(cont.)						(cont.)	
BLOCK							
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Standard Set	94-91	E-516X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	94-91	WE-516KC	Std-.50MM	2-1.50MM, 1-4.00MM; Premium Chrome		
4	Standard Single Cylinder Set	94-91	WE-516X	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	6630M	Std-.25-.50MM			
1	Rod Set	94-91	4-4475RA	Std-.25-.50MM			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8095				
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter		
3		1998 - 1996; 1.5L 1494cc DOHC L4 (16 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4FK				3	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	98-96	V-4635	Std Only	1.26" Head Dia., 0.2348" Stem Dia., 3.866" O.A.L.		
8	Intake	98-96	V-4624	Std Only	1.083" Head Dia., 0.2348" Stem Dia., 3.898" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	98-96	245-1125-53	Std Only	Loc. Int.; 1.125" OD, 0.89" ID, 0.237" Depth		
4		2002 - 1993; 1.5L 1494cc SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4EK				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	99-95	222-B191				
1	Timing Belt	94-93	222-128				
1	Timing Belt Tensioner	02-95	222-224BT				
1	Timing Belt & Tensioner Set	93	BTS-128				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	02-95	V-4635	Std Only	1.26" Head Dia., 0.2348" Stem Dia., 3.866" O.A.L.		
6	Exhaust	94	V-4634	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2339" Stem Dia., 3.904" O.A.L.		
6	Exhaust	93	V-2253	Std Only	To 4/93; Nitrided stem; 1.181" Head Dia., 0.258" Stem Dia., 3.97" O.A.L.		
6	Exhaust	93	V-4634	Std Only	From 4/93; Chrome plated stem; 1.26" Head Dia., 0.2339" Stem Dia., 3.904" O.A.L.		
6	Intake	02-94	V-4624	Std Only	1.083" Head Dia., 0.2348" Stem Dia., 3.898" O.A.L.		
6	Intake	93	V-4067	Std Only	To 4/93; Chrome plated stem; 1.379" Head Dia., 0.26" Stem Dia., 4.004" O.A.L.		
6	Intake	93	V-4624	Std Only	From 4/93; 1.083" Head Dia., 0.2348" Stem Dia., 3.898" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	02-93	245-1125-53	Std Only	Loc. Int.; 1.125" OD, 0.89" ID, 0.237" Depth		
5		1995 - 1993; 1.5L 1494cc SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Turbo Hyundai Eng.; Eng. Code G4EK-T				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95	222-B191		Interference Eng.		
1	Timing Belt	94-93	222-128				
1	Timing Belt Tensioner	95	222-224BT				
1	Timing Belt & Tensioner Set	93	BTS-128				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	95-93	V-4634	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2339" Stem Dia., 3.904" O.A.L.		
6	Intake	95-93	V-4624	Std Only	1.083" Head Dia., 0.2348" Stem Dia., 3.898" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	95-93	245-1125-53	Std Only	Loc. Int.; 1.125" OD, 0.89" ID, 0.237" Depth		
6		1995 - 1992; 1.6L 1595cc DOHC L4 (16 Valve), 82.3mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4CR				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-92	222-B165				
1	Timing Belt Tensioner	95-92	222-327BT				
1	Bal. Shaft Belt	95-92	222-B168		65 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	95-92	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		

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6 (cont.)		1995 - 1992; 1.6L 1595cc DOHC L4 (16 Valve), 82.3mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4CR				6 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	95-92	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N		
8	Exhaust	95-92	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability		
8	Intake	95-92	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N		
8	Intake	95-92	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	95-92	VG-903	Std Only	Loc. Exh.; 4785" OD; 0.258" ID, 1.99" O.A.L		
8	Guide	95-92	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	95-92	VS-1535	Std Only	Loc. Int. & Exh.; 1.8" Free Height		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	95-92	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
8	Seat	95-92	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	95-92	VK-230	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-92	E-742KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-92	5103M	Std-25-50-75MM			
1	Rod Set	95-92	4-3485CP	Std-25-50-75MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95	260-1811		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-92	260-1810		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-95	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6811	----	
94-92	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6810	----	
95-95	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6811M	----	
94-92	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6810M	----	
7		2005 - 2001; 1.6L 1599cc DOHC L4 (16 Valve), 76.5mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4CR				7	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	03-01	HT-2276	Std Only			
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	05-01	224-43641				
8		1998 - 1996; 1.8L 1796cc DOHC L4 (16 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4GM				8	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	98-96	222-B278				
1	Bal. Shaft Belt	97-96	222-B168		65 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	98-96	HT-2288	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96	E-884KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	98-96	224-43643				

9		1995 - 1993; 1.8L 1836cc DOHC L4 (16 Valve), 80.6mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4CN				9
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	95-93	222-B167			
1	Timing Belt Tensioner	95-93	222-327BT		Loc. R.H.	
1	Timing Belt & Tensioner Set	95-93	BTS-167			
1	Bal. Shaft Belt	95-93	222-B168		65 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	95-93	HT-2274	Std Only	Hyd. lash adj.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	95-93	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N	
8	Exhaust	95-93	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability	
8	Intake	95-93	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	
8	Intake	95-93	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	95-93	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L	
8	Guide	95-93	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	95-93	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	95-93	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth	
8	Seat	95-93	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	95-93	VK-230	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-94	E-884KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	93	E-884KC	Std Only	From 12/21/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95	260-1811		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94-93	260-1810		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
10		2005 - 1997; 2.0L 1975cc DOHC L4 (16 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4GF				10
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	00-97	HT-2288	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Intake	01-97	V-4625	Std Only	1.268" Head Dia., 0.2348" Stem Dia., 4.0235" O.A.L.	
BLOCK						
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-97	224-43643			
11		1998 - 1992; 2.0L 1997cc DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4CP				11
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	98-92	222-B167			
1	Timing Belt Tensioner	96-93	222-327BT		Loc. R.H.	
1	Timing Belt Tensioner	92	222-327BT			
1	Timing Belt & Tensioner Set	94-92	BTS-167			
1	Bal. Shaft Belt	98-92	222-B168		65 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	98-92	HT-2274	Std Only	Hyd. lash adj.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	98-92	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N	
8	Exhaust	98-92	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability	
8	Intake	98-92	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	

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11 (cont.)		1998 - 1992; 2.0L 1997cc DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4CP				11 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Intake	98-92	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability		
8	Intake	98-92	V-4625	Std Only	1.268" Head Dia., 0.2348" Stem Dia., 4.0235" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	98-92	VG-903	Std Only	Loc. Exh.; 4785" OD; 0.258" ID, 1.99" O.A.L		
8	Guide	98-92	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	98-92	VS-1535	Std Only	1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	98-92	ST-2056	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	98-92	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
8	Seat	98-92	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	98-92	VK-230	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	97	13507P	Std Only	To 3/26/97; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
4	Cast Piston	96-93	13507P	Std Only	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
4	Cast Piston - Individual	97	W13507P	Std Only	To 3/26/97; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
4	Cast Piston - Individual	96-93	W13507P	Std Only	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97	E-522KC	Std-1.00MM	To 3/26/97; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	96-93	E-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	97	WE-522KC	Std-1.00MM	To 3/26/97; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	96-93	WE-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98-92	5103M	Std-.25-.50-.75MM			
1	Rod Set	98-92	4-3485CP	Std-.25-.50-.75MM			
1	Bal. Shaft Set	98-92	1810M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	98-96	224-43603				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-94	260-1810		To 07/06/94; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-94	260-1811		From 07/07/94; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	93-92	260-1810		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
95-95	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6269	----		
94-94	To 7/6/94; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6266	----		
94-94	From 7/7/94; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6269	----		
93-93	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6266	----		
12		2005 - 1999; 2.4L 2351cc DOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4JS				12	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	05-02	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		

12 (cont.)		2005 - 1999; 2.4L 2351cc DOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4JS				12 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03-99	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N	
8	Exhaust	03-99	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability	
8	Intake	03-99	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	
8	Intake	03-99	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	03-99	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L	
8	Guide	03-99	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	03-99	ST-2056	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	03-99	VK-230	Std Only		
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	03-99	7415M	Std-.25MM		
1	Thrust Washer Set	03-99	4709F	Std Only		
13		1991; 2.4L 2351cc SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4CS				13
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-124			
1	Timing Belt Tensioner	91	222-105BT			
1	Timing Belt & Tensioner Set	91	BTS-124			
1	Bal. Shaft Belt	91	222-159			
1	Bal. Shaft Belt Tensioner	91	222-161BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	91	HT-6000	Std Only	Hyd. lash adj.	
8	Lifter, Bulk	91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	91	V-2660	Std Only	Chrome plated stem; 1.496" Head Dia., 0.3126" Stem Dia., 4.141" O.A.L.	
4	Intake	91	V-2661	Std Only	Chrome plated stem; 1.811" Head Dia., 0.314" Stem Dia., 4.1909" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	91	VG-714	Std Only	Loc. Exh.; 0.316" ID, 2.05" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height	
8	Spring, Bulk	91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	91	ST-2083	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	91	245-1875-51	Std Only	Loc. Int.; 1.882" OD, 1.575" ID, 0.317" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	91	VK-232	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	91	E-524X	Std Only	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	91	WE-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	5103M	Std-.25-.50-.75MM		
1	Rod Set	91	4-3485CP	Std-.25-.50-.75MM		
1	Cam Set	91	1858M	Std Only		
1	Bal. Shaft Set	91	1810M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1709		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8099			
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter	

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13 (cont.)		1991; 2.4L 2351cc SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4CS					13 (cont.)	
KITS								
RE-RING KIT								
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.	
91-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6335	205-1335	
91-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6335M	205-1335M	
14		2001; 3.0L 2972cc DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6CT					14	
VALVETRAIN								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
24	Lifter	01	HT-2274	Std Only	Hyd. lash adj.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
12	Guide	01	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L			
12	Guide	01	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
12	Valve Stem Seal	01	ST-2056	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
48	Keeper	01	VK-230	Std Only				
15		1998 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6AT					15	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	98-91	222-139		149 Teeth			
1	Timing Belt Tensioner	98-91	222-195BT					
1	Timing Belt & Tensioner Set	98-91	BTS-139					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
12	Lifter	98-91	HT-6000	Std Only	Hyd. lash adj.			
12	Lifter, Bulk	98-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
12	Arm	98-91	R-1122	Std Only	w/Rlr. lifters			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
6	Exhaust	98-91	V-3952	Std Only	O.E. length; Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.			
6	Intake	98-91	V-2563	Std Only	O.E. length; Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
6	Guide	98-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
12	Spring	98-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height			
12	Spring, Bulk	98-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
12	Valve Stem Seal	98-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
6	Seat	98-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth			
6	Seat	98-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
24	Keeper	98-91	VK-232	Std Only				
BLOCK								
QTY	PISTON	YEARS	PART NO.		DESCRIPTION			
6	Cast Piston	98-96	H694CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.			
6	Cast Piston	95	H694CP	Std.-50-.75MM	From 5/95; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.			
6	Cast Piston	95	H834CP	Std.-50-.75-1.00-1.50MM	To 4/95; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.			
6	Cast Piston	94-91	H834CP	Std.-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.			

15 (cont.)		1998 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6AT				15 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston - Individual	98-96	WH694CP	Std-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	95	WH694CP	Std-50-.75MM	From 5/95; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	95	WH834CP	Std-50-.75-1.00-1.50MM	To 4/95; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	94-91	WH834CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	98-96	6KH694CP	Std-50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
1	Cast Piston Set w/Prem. Rings	95	6KH694CP	Std-50MM	From 5/95; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
1	Cast Piston Set w/Prem. Rings	95	6KH834CP .50MM	.50-.75-1.00MM	To 4/95; Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
1	Cast Piston Set w/Prem. Rings	94-91	6KH834CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98-96	E-930KC	Std-50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	95	E-528KC .50MM	.50-.75-1.00MM	To 4/30/95; 2-1.50MM, 1-4.00MM; Premium Chrome		
1	Premium Set	95	E-930KC	Std-50MM	From 5/1/95; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	94-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	95	E-528X	Std-50-.75-1.00MM	To 4/30/95; 2-1.50MM, 1-4.00MM; Iron		
1	Standard Set	94-91	E-528X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
6	Premium Single Cylinder Set	98-96	WE-930KC	Std-50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
6	Premium Single Cylinder Set	95	WE-528KC .50MM	.50-.75-1.00MM	To 4/30/95; 2-1.50MM, 1-4.00MM; Premium Chrome		
6	Premium Single Cylinder Set	95	WE-930KC	Std-50MM	From 5/1/95; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
6	Premium Single Cylinder Set	94-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98-91	7090M	Std-25-.50-.75MM			
1	Thrust Washer Set	98-91	1736AF	Std Only	Loc. 3		
1	Rod Set	98-91	6-1735CP	Std-25-.50-.75MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96	260-1838		To 11/01/95; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-91	260-1838		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	98-91	260-2516	Std Only	Replacement recommended		
KITS							
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-95	To 4/30/95; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6262	----	
95-95	From 5/1/95 to 11/1/95; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6265	----	
94-91	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6262	----	
16		2005 - 2002; 3.5L 3497cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6CU				16	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Belt Idler	05-02	222-353BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		

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16 (cont.)	2005 - 2002; 3.5L 3497cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6CU										16 (cont.)
VALVETRAIN											
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.								DESCRIPTION
24	Lifter	05-02	HT-2274	Std Only							Hyd. lash adj.
QTY	VALVE GUIDE	YEARS	PART NO.								DESCRIPTION
12	Guide	03-02	VG-903	Std Only							Loc. Exh.; .4785" OD; 0.258" ID; 1.99" O.A.L
12	Guide	03-02	VG-904	Std Only							Loc. Int.; .008" O/S, .4840" OD; 0.258" ID; 1.8" O.A.L
QTY	VALVE SEAL	YEARS	PART NO.								DESCRIPTION
12	Valve Stem Seal	03-02	ST-2056	Std Only							Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE, MISC	YEARS	PART NO.								DESCRIPTION
48	Keeper	03-02	VK-230	Std Only							

Hyundai Minivans - See Hyundai Truck

Hyundai SUV's - See Hyundai Truck

Hyundai Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	120.5	1975cc	DOHC L4	82mm	16	Hyundai Eng.		G4GF		MFI/Gasoline	2005	1
2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		G4JS		MFI/Gasoline	2005-2001	2
3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		G6CU		MFI/Gasoline	2006-2003	3
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
G4GF	2.0L	120.5	1975cc	DOHC L4	82mm	16	Hyundai Eng.		MFI/Gasoline	2005	1	
G4JS	2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2005-2001	2	
G6CU	3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	2006-2003	3	
1	2005; 2.0L 1975cc DOHC L4 (16 Valve), 82mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G4GF										1	
BLOCK												
QTY	OIL PUMP	YEARS	PART NO.								DESCRIPTION	
1	Oil Pump	05	224-43643									
2	2005 - 2001; 2.4L 2351cc DOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4JS										2	
VALVETRAIN												
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.								DESCRIPTION	
16	Lifter	05-01	HT-2274	Std Only							Hyd. lash adj.	
QTY	VALVE, MISC	YEARS	PART NO.								DESCRIPTION	
32	Keeper	03-01	VK-230	Std Only								
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.								DESCRIPTION	
1	Main Set	02-01	7415M	Std-.25MM								
1	Thrust Washer Set	02-01	4709F	Std Only								
3	2006 - 2003; 3.5L 3497cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6CU										3	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.								DESCRIPTION	
1	Belt Idler	06-03	222-353BT									
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.								DESCRIPTION	
24	Lifter	05-03	HT-2274	Std Only							Hyd. lash adj.	
QTY	VALVE, MISC	YEARS	PART NO.								DESCRIPTION	
48	Keeper	03	VK-230	Std Only								

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.6L	96.9	1588cc	DOHC L4	80mm	16	Isuzu Eng.		4XE1W		MFI/Gasoline	1992-1991	1
1.6L	96.9	1588cc	DOHC L4	80mm	16	Isuzu Eng.		4XE1W-T		MFI/Gasoline	1992-1991	2
1.6L	96.9	1588cc	SOHC L4	80mm	12	Isuzu Eng.		4XE1V		MFI/Gasoline	1993-1991	3
1.8L	110.3	1808cc	DOHC L4	80mm	16	Isuzu Eng.		4XF1		MFI/Gasoline	1993-1992	4
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
4XE1V	1.6L	96.9	1588cc	SOHC L4	80mm	12	Isuzu Eng.		MFI/Gasoline	1993-1991	3	
4XE1W	1.6L	96.9	1588cc	DOHC L4	80mm	16	Isuzu Eng.		MFI/Gasoline	1992-1991	1	
4XE1W-T	1.6L	96.9	1588cc	DOHC L4	80mm	16	Isuzu Eng.		MFI/Gasoline	1992-1991	2	
4XF1	1.8L	110.3	1808cc	DOHC L4	80mm	16	Isuzu Eng.		MFI/Gasoline	1993-1992	4	
1	1992 - 1991; 1.6L 1588cc DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4XE1W										1	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Timing Belt	91	222-B177	Interference Eng.								
1	Timing Belt Tensioner	91	222-347BT									
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	92-91	V-4379X	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2345" Stem Dia., 3.977" O.A.L.							
8	Intake	92-91	V-4354	Std Only	Chrome plated stem; 1.22" Head Dia., 0.235" Stem Dia., 3.978" O.A.L.							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
4	Guide	92-91	VG-914	Std Only	Loc. Exh.; 0.2345" ID, 1.775" O.A.L							
4	Guide	92-91	VG-915	Std Only	Loc. Int.; 0.234" ID, 1.651" O.A.L							
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
16	Valve Stem Seal	92-91	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber							
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION								
8	Seat	92-91	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth							
8	Seat	92-91	245-1312-65	Std Only	Loc. Int.; 1.3195" OD, 1.06" ID, 0.23" Depth							
BLOCK												
QTY	RINGS	YEARS	PART NO.	DESCRIPTION								
4	Premium Single Cylinder Set	92-91	WE-547KC	Std Only	2-1.20MM, 1-3.00MM; Premium Chrome							
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	92-91	7284M	Std-.25MM								
1	Rod Set	92-91	4-4455RA	.25MM								
2	1992 - 1991; 1.6L 1588cc DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Turbo - Intercooled Isuzu Eng.; Eng. Code 4XE1W-T										2	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Timing Belt	92-91	222-B177	Interference Eng.								
1	Timing Belt Tensioner	92-91	222-347BT									
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	92-91	V-4379X	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2345" Stem Dia., 3.977" O.A.L.							
8	Intake	92-91	V-4354	Std Only	Chrome plated stem; 1.22" Head Dia., 0.235" Stem Dia., 3.978" O.A.L.							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
8	Guide	92-91	VG-914	Std Only	Loc. Exh.; 0.2345" ID, 1.775" O.A.L							
8	Guide	92-91	VG-915	Std Only	Loc. Int.; 0.234" ID, 1.651" O.A.L							
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
16	Valve Stem Seal	92-91	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber							
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION								
8	Seat	92-91	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth							
8	Seat	92-91	245-1312-65	Std Only	Loc. Int.; 1.3195" OD, 1.06" ID, 0.23" Depth							
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	92-91	7284M	Std-.25MM								
1	Rod Set	92-91	4-4455RA	.25MM								

Isuzu Car

3	1993 - 1991; 1.6L 1588cc SOHC L4 (12 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4XE1V	3
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VALVETRAIN				
QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Timing Belt	93-91	222-B177	
1	Timing Belt Tensioner	93-91	222-347BT	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
4	Exhaust	93-91	V-4353	Std Only Chrome plated stem; 1.26" Head Dia., 0.2346" Stem Dia., 4.141" O.A.L.
8	Intake	93-91	V-4352	Std Only Chrome plated stem; 1.102" Head Dia., 0.2347" Stem Dia., 4.102" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
8	Guide	93-91	VG-915	Std Only Loc. Int.; 0.234" ID, 1.651" O.A.L.
4	Guide	93-91	VG-917	Std Only Loc. Exh.; 0.235" ID, 1.85" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
12	Valve Stem Seal	93-91	ST-2079	Std Only Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
12	Seat	93-91	245-1187-52	Std Only Loc. Int. & Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth
12	Seat	93-91	245-1375-51	Std Only Loc. Int. & Exh.; 1.382" OD, 1.06" ID, 0.28" Depth
BLOCK				
QTY	RINGS	YEARS	PART NO.	DESCRIPTION
4	Premium Single Cylinder Set	93-91	WE-547KC	Std Only 2-1.20MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	93-91	7284M	Std-.25MM
1	Rod Set	93-91	4-4455RA .25MM	.25MM
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	93-91	224-43617	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Kit Gasket Set	93-91	260-1639	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.

4	1993 - 1992; 1.8L 1808cc DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4XF1	4
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VALVETRAIN				
QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	Timing Belt	93-92	222-B205	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
8	Exhaust	93-92	V-4379X	Std Only Chrome plated stem; 1.102" Head Dia., 0.2345" Stem Dia., 3.977" O.A.L.
8	Intake	93-92	V-4354	Std Only Chrome plated stem; 1.22" Head Dia., 0.235" Stem Dia., 3.978" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
8	Guide	93-92	VG-914	Std Only Loc. Exh.; 0.2345" ID, 1.775" O.A.L.
8	Guide	93-92	VG-915	Std Only Loc. Int.; 0.234" ID, 1.651" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION
16	Valve Stem Seal	93-92	ST-2079	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
8	Seat	93-92	245-1187-52	Std Only Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth
8	Seat	93-92	245-1312-65	Std Only Loc. Int.; 1.3195" OD, 1.06" ID, 0.23" Depth
BLOCK				
QTY	RINGS	YEARS	PART NO.	DESCRIPTION
4	Premium Single Cylinder Set	93-92	WE-547KC	Std Only 2-1.20MM, 1-3.00MM; Premium Chrome

Isuzu Minivans - See Isuzu Truck

Isuzu SUV's - See Isuzu Truck

Isuzu Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		F22B6		MFI/Gasoline	1997-1996	1
2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	4	LN2	Chevrolet	MFI/Gasoline	2001-1996	2
2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	5	LN2	Chevrolet	MFI/Flex Fuel	2001-2000	3
2.2L	134.1	2198cc	DOHC L4	86mm	16	Isuzu Eng.		X22SE		MFI/Gasoline	2003-1998	4
2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		F23A7		MFI/Gasoline	1999-1998	5
2.3L	137.5	2254cc	SOHC L4	89.3mm	8	Isuzu Eng.		4ZD1		2 Bbl./Gasoline	1995-1991	6
2.3L	137.5	2254cc	SOHC L4	89.3mm	8	Isuzu Eng.		4ZD1		MFI/Gasoline	1995-1994	7
2.6L	156.2	2559cc	SOHC L4	92.6mm	8	Isuzu Eng.		4ZE1		MFI/Gasoline	1997-1991	8

Isuzu Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.8L	173.0	2835cc	OHV V6	89mm	12	GMC Eng.		LL2	Chevrolet	TBI/Gasoline	1991	9
3.1L	189.0	3136cc	OHV V6	89mm	12	GMC Eng.		LG6	Chevrolet	TBI/Gasoline	1994-1991	10
3.2L	193.0	3165cc	DOHC V6	93.4mm	24	Isuzu Eng.		6VD2		MFI/Gasoline	2004-1992	11
3.2L	193.0	3165cc	SOHC V6	93.4mm	24	Isuzu Eng.		6VD1		MFI/Gasoline	1997-1992	12
3.5L	211.0	3460cc	DOHC L5	93mm	20	GMC Eng.	6		Chevrolet	MFI/Gasoline	2006	13
3.5L	214.0	3494cc	DOHC V6	93.4mm	24	Isuzu Eng.		6VE1		MFI/Gasoline	2004-1998	14
3.9L	235.3	3856cc	OHV Turbo - Intercooled L4	102mm	8	Isuzu Eng.		4BD2-TC		MFI/Diesel	1995	15
4.2L	254.0	4160cc	DOHC L6	93mm	24	GMC Eng.	S		Chevrolet	MFI/Gasoline	2008-2003	16
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	X	LB4	Chevrolet	CPI/Gasoline	2001-1997	17
4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	W	LF6	Chevrolet	CPI/Gasoline	2001-1997	18
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	M		Chevrolet	MFI/Gasoline	2007-2005	19
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	P		Chevrolet	MFI/Gasoline	2005-2003	20
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.		CPC	Chevrolet	CPI/Gasoline	2000-1996	21
5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.		CPC	Chevrolet	TBI/Gasoline	1995-1993	22
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
CPC	5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.		CPI/Gasoline	2000-1996	21	
CPC	5.7L	350.0	5736cc	OHV V8	101.6mm	16	GMC Eng.		TBI/Gasoline	1995-1993	22	
F22B6	2.2L	131.6	2156cc	SOHC L4	85mm	16	Honda Eng.		MFI/Gasoline	1997-1996	1	
F23A7	2.3L	137.5	2254cc	SOHC L4	86mm	16	Honda Eng.		MFI/Gasoline	1999-1998	5	
LB4	4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	X	CPI/Gasoline	2001-1997	17	
LF6	4.3L	262.0	4293cc	OHV V6	101.6mm	12	GMC Eng.	W	CPI/Gasoline	2001-1997	18	
LG6	3.1L	189.0	3136cc	OHV V6	89mm	12	GMC Eng.		TBI/Gasoline	1994-1991	10	
LL2	2.8L	173.0	2835cc	OHV V6	89mm	12	GMC Eng.		TBI/Gasoline	1991	9	
LN2	2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	4	MFI/Gasoline	2001-1996	2	
LN2	2.2L	134.0	2189cc	OHV L4	89mm	8	GMC Eng.	5	MFI/Flex Fuel	2001-2000	3	
X22SE	2.2L	134.1	2198cc	DOHC L4	86mm	16	Isuzu Eng.		MFI/Gasoline	2003-1998	4	
4BD2-TC	3.9L	235.3	3856cc	OHV Turbo - Intercooled L4	102mm	8	Isuzu Eng.		MFI/Diesel	1995	15	
4ZD1	2.3L	137.5	2254cc	SOHC L4	89.3mm	8	Isuzu Eng.		2 Bbl./Gasoline	1995-1991	6	
4ZD1	2.3L	137.5	2254cc	SOHC L4	89.3mm	8	Isuzu Eng.		MFI/Gasoline	1995-1994	7	
4ZE1	2.6L	156.2	2559cc	SOHC L4	92.6mm	8	Isuzu Eng.		MFI/Gasoline	1997-1991	8	
6VD1	3.2L	193.0	3165cc	SOHC V6	93.4mm	24	Isuzu Eng.		MFI/Gasoline	1997-1992	12	
6VD2	3.2L	193.0	3165cc	DOHC V6	93.4mm	24	Isuzu Eng.		MFI/Gasoline	2004-1992	11	
6VE1	3.5L	214.0	3494cc	DOHC V6	93.4mm	24	Isuzu Eng.		MFI/Gasoline	2004-1998	14	
1	1997 - 1996; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B6										1	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Timing Belt	97-96	222-B187	113 Teeth								
1	Timing Belt Tensioner	97-96	222-203BT									
1	Timing Belt & Tensioner Set	97-96	BTS-187									
1	Bal. Shaft Belt	97-96	222-B186	70 Teeth								
1	Bal. Shaft Belt Tensioner	97-96	222-204BT									
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	97-96	V-4576X	Std Only Chrome plated stem; 1.142" Head Dia., 0.2148" Stem Dia., 4.862" O.A.L.								
8	Intake	97-96	V-4349A	Std Only Chrome plated stem; 1.26" Head Dia., 0.2161" Stem Dia., 4.411" O.A.L.								
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
8	Guide	97-96	VG-797	Std Only Loc. Exh.; 0.2173" ID, 2.126" O.A.L.								
8	Guide	97-96	VG-803	Std Only Loc. Int.; 0.2173" ID, 1.87" O.A.L.								
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
16	Valve Stem Seal	97-96	ST-2124	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®								
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION								
16	Keeper	97-96	VK-245	Std Only								
BLOCK												
QTY	PISTON	YEARS	PART NO.	DESCRIPTION								
4	Cast Piston	97-96	H828P	Std. 50-.75-1.00MM Hypereutectic; 2 -, 1.20mm Groove, 1 - 2.80mm Groove, 1.203 CD, Recessed Head .145 deep x 2.935 dia., 0.8664" Pin Dia.								
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION								
1	Oil Pump	97-96	224-43588									
1	Oil Pump	97-96	224-43627	When depleted use 224-43588								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								

Isuzu Truck (Incl. Minivans and SUV's)

1 (cont.)		1997 - 1996; 2.2L 2156cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F22B6				1 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-96	260-1732		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2		2001 - 1996; 2.2L 2189cc OHV L4 (8 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 4, Eng. Code LN2				2	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	00-96	KT3-370SA		Incl. silent type chain; (1) 222-370; (1) 223-549; (1) 223-774		
1	Timing Set w/Gaskets	00-96	CTS-1007		New Part Number - Check for Availability		
1	Timing Chain	00-96	222-370		Silent type; 58 Links		
1	Timing Chain Tensioner	00-96	222-115CT				
1	Crank Sprocket	00-96	223-549		20 Teeth		
1	Cam Sprocket	00-96	223-774		40 teeth; 40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	00-96	HT-2270	Std Only	Hyd. rlr.		
8	Lifter, Bulk	00-96	HT-2270B	Std Only	Hyd. rlr.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	00-98	V-4558	Std Only	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5" O.A.L.		
4	Exhaust	97-96	V-4336	Std-15	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5.142" O.A.L.		
4	Exhaust, Bulk	97-96	V-4336B 15	15	Chrome plated stem; Carton of 25; 1.457" Head Dia., 0.2888" Stem Dia., 5.142" O.A.L.		
4	Intake	00-98	V-4572	Std Only	Chrome plated stem; 1.732" Head Dia., 0.2746" Stem Dia., 5.2846" O.A.L.		
4	Intake	97-96	V-4346	Std-15	Chrome plated stem; 1.732" Head Dia., 0.2742" Stem Dia., 5.465" O.A.L.		
4	Intake, Bulk	97-96	V-4346B 15	15	Chrome plated stem; Carton of 25; 1.732" Head Dia., 0.2892" Stem Dia., 5.465" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	97-96	VG-1320	Std Only	Loc. Exh.; 0.315" ID, 2.32" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	97-96	VS-1628	Std Only	1.945" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	97-96	ST-2129	Std Only	Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	97-96	245-1562-66	Std Only	Loc. Exh.; 1.5695" OD, 1.265" ID, 0.28" Depth		
4	Seat	97-96	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	00-96	VK-283	Std Only	Loc. Int. & Exh.		
16	Keeper, Bulk	00-96	VK-283B	Std Only	Loc. Int. & Exh.; Carton of 100		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-98	7369MA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings		
1	Main Set	97-96	7047MA	Std.-25-.50-.75MM	A-Series aluminum bearings		
1	Rod Set	00-96	4-2020CP	Std-1-10-20-30-40			
4	Rod Pair	00-96	2020CP	Std-1-2-10-20-30-40-50			
1	Cam Set	00-96	1485M	Std-2	Full round design		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-96	224-43563				
1	Screen Assy.	00-96	224-14276				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-98	260-1884		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-96	260-1748		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	01-98	260-2539	Std Only	Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	97-96	260-2541	Std Only	Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	01-98	381-9699				
1	Brass Block Plug Kit	97-96	381-9698				
3		2001 - 2000; 2.2L 2189cc OHV L4 (8 Valve), 89mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5, Eng. Code LN2				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	00	KT3-370SA		Incl. silent type chain; (1) 222-370; (1) 223-549; (1) 223-774		
1	Timing Set w/Gaskets	00	CTS-1007		New Part Number - Check for Availability		
1	Timing Chain	00	222-370		Silent type; 58 Links		

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3 (cont.)		2001 - 2000; 2.2L 2189cc OHV L4 (8 Valve), 89mm Bore; MFI; Flex Fuel; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 5, Eng. Code LN2				3 (cont.)
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain Tensioner	00	222-115CT			
1	Crank Sprocket	00	223-549		20 Teeth	
1	Cam Sprocket	00	223-774		40 teeth; 40 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	00	HT-2270	Std Only	Hyd. rlr.	
8	Lifter, Bulk	00	HT-2270B	Std Only	Hyd. rlr.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	00	V-4558	Std Only	Chrome plated stem; 1.457" Head Dia., 0.2738" Stem Dia., 5" O.A.L.	
4	Intake	00	V-4572	Std Only	Chrome plated stem; 1.732" Head Dia., 0.2746" Stem Dia., 5.2846" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	00	VK-283	Std Only	Loc. Int. & Exh.	
16	Keeper, Bulk	00	VK-283B	Std Only	Loc. Int. & Exh.; Carton of 100	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	00	7369MA	Std-.25-.50-.75-1.00MM	A-Series aluminum bearings	
1	Rod Set	00	4-2020CP	Std-1-10-20-30-40		
4	Rod Pair	00	2020CP	Std-1-2-10-20-30-40-50		
1	Cam Set	00	1485M	Std-2	Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00	224-43563			
1	Screen Assy.	00	224-14276			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Head Bolt Set	01-00	260-2539	Std Only	Replacement recommended; New Part Number - Check for Availability	
4		2003 - 1998; 2.2L 2198cc DOHC L4 (16 Valve), 86mm Bore Ecotec; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code X22SE				4
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03-98	V-4632X	Std Only	Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 3.63" O.A.L.	
8	Intake	03-98	V-4630	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2348" Stem Dia., 4.02" O.A.L.	
5		1999 - 1998; 2.3L 2254cc SOHC L4 (16 Valve), 86mm Bore VTEC; MFI; Gasoline; Naturally Aspirated Honda Eng.; Eng. Code F23A7				5
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	98	222-B244		Interference Eng.; 112 Teeth	
1	Timing Belt Tensioner	99-98	222-203BT			
1	Timing Belt & Tensioner Set	99-98	BTS-244			
1	Bal. Shaft Belt	99-98	222-B186		70 Teeth	
1	Bal. Shaft Belt Tensioner	99-98	222-204BT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	99-98	V-4561	Std Only	1.142" Head Dia., 0.2147" Stem Dia., 4.496" O.A.L.	
8	Intake	99-98	V-4573	Std Only	1.339" Head Dia., 0.2161" Stem Dia., 4.5669" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	99-98	ST-2124	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	99-98	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	99-98	4K13581P	Std Only	Cast; 2 - 1.20mm Groove, 1 - 2.80mm Groove, 1.170 CD, Recessed Head .135 deep x 3.167 dia. w/4 valve reliefs, 22.009mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	99-98	E-946KC	Std-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	99-98	7102M	Std-.25-.50MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	99-98	260-1830		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
6		1995 - 1991; 2.3L 2254cc SOHC L4 (8 Valve), 89.3mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZD1				6
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	95-91	222-122			

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6 (cont.)		1995 - 1991; 2.3L 2254cc SOHC L4 (8 Valve), 89.3mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZD1				6 (cont.)	
VALVETRAIN							
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm	95-91	R-1016	Std Only	Loc. Int. & Exh.		
1	Rocker Shaft	95-91	RS-706	Std Only	Loc. Int.		
1	Rocker Shaft	95-91	RS-707	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	95-93	V-4335	Std Only	1.453" Head Dia., 0.312" Stem Dia., 4.26" O.A.L.		
4	Exhaust	92	V-2634X	Std Only	To 3/92; Chrome plated stem; 1.413" Head Dia., 0.312" Stem Dia., 4.384" O.A.L.		
4	Exhaust	92	V-4335	Std Only	From 4/92; 1.453" Head Dia., 0.312" Stem Dia., 4.26" O.A.L.		
4	Exhaust	91	V-2634X	Std Only	Chrome plated stem; 1.413" Head Dia., 0.312" Stem Dia., 4.384" O.A.L.		
4	Intake	95-91	V-2616	Std Only	Chrome plated stem; 1.663" Head Dia., 0.313" Stem Dia., 4.357" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	95-91	VG-697	Std Only	Loc. Exh.; 0.3148" ID, 2.16" O.A.L		
4	Guide	95-91	VG-698	Std Only	Loc. Int.; 0.3145" ID, 1.8" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	95-91	VS-1528	Std Only	1.896" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	95-91	ST-2034	Std Only	Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	95-91	245-1562-66	Std Only	Loc. Exh.; 1.5695" OD, 1.265" ID, 0.28" Depth		
4	Seat	95-91	245-1750-51	Std Only	Loc. Int.; 1.600" ID top taper; 1.757" OD, 1.41" ID, 0.28" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-91	VK-215	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	95-91	13015P .50MM	.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 39.0mm CD, Recessed Head 5.20mm deep, 23mm Pin Dia.		
1	Pin Bushing Set	95-91	4-3574Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-616KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	95-91	E-616X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	95-91	WE-616KC	Std-50-75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	6631M	Std-25-50-75MM			
1	Thrust Washer Set	95-91	3571BF	Std Only	Loc. 3		
1	Rod Set	95-91	4-3570CPB	Std-25-50-75-1.00MM			
1	Cam Set	95-91	1858M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-91	224-43413				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-91	260-1767		PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8101				
1	Brass Deep Cup Freeze Plug	95-91	381-9009		35mm Diameter		
1	Steel Shallow Cup Freeze Plug	95-91	381-2153		18mm Diameter		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6878	205-1878	
95-91	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6878M	205-1878M	
7		1995 - 1994; 2.3L 2254cc SOHC L4 (8 Valve), 89.3mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZD1				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-94	222-122				
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm	95-94	R-1016	Std Only	Loc. Int. & Exh.		
1	Rocker Shaft	95-94	RS-706	Std Only	Loc. Int.		
1	Rocker Shaft	95-94	RS-707	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	95-94	V-4335	Std Only	1.453" Head Dia., 0.312" Stem Dia., 4.26" O.A.L.		

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7 (cont.)	1995 - 1994; 2.3L 2254cc SOHC L4 (8 Valve), 89.3mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZD1					7 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
4	Intake	95-94	V-2616	Std Only	Chrome plated stem; 1.663" Head Dia., 0.313" Stem Dia., 4.357" O.A.L.	
4	Guide	95-94	VG-697	Std Only	Loc. Exh.; 0.3148" ID, 2.16" O.A.L.	
4	Guide	95-94	VG-698	Std Only	Loc. Int.; 0.3145" ID, 1.8" O.A.L.	
8	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
	Spring	95-94	VS-1528	Std Only	1.896" Free Height	
8	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
	Valve Stem Seal	95-94	ST-2034	Std Only	Positive type; (VTN) Viton®	
4	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
	Seat	95-94	245-1562-66	Std Only	Loc. Exh.; 1.5695" OD, 1.265" ID, 0.28" Depth	
4	Seat	95-94	245-1750-51	Std Only	Loc. Int.; 1.600" ID top taper; 1.757" OD, 1.41" ID, 0.28" Depth	
16	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
	Keeper	95-94	VK-215	Std Only		
BLOCK						
4	PISTON	YEARS	PART NO.		DESCRIPTION	
	Cast Piston	95-94	13015P .50MM	.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 39.0mm CD, Recessed Head 5.20mm deep, 23mm Pin Dia.	
1	Pin Bushing Set	95-94	4-3574Y			
1	RINGS	YEARS	PART NO.		DESCRIPTION	
	Premium Set	95-94	E-616KC	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	95-94	E-616X	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	95-94	WE-616KC	Std.-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
	Main Set	95-94	6631M	Std.-25-.50-.75MM		
1	Thrust Washer Set	95-94	3571BF	Std Only	Loc. 3	
1	Rod Set	95-94	4-3570CPB	Std.-25-.50-.75-1.00MM		
1	Cam Set	95-94	1858M	Std Only		
1	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
	Oil Pump	95-94	224-43413			
1	GASKETS	YEARS	PART NO.		DESCRIPTION	
	Kit Gasket Set	95-94	260-1767		PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
	Brass Block Plug Kit	95-94	381-8101			
1	Brass Deep Cup Freeze Plug	95-94	381-9009		35mm Diameter	
1	Steel Shallow Cup Freeze Plug	95-94	381-2153		18mm Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
95-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6878	205-1878
95-94	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6878M	205-1878M
8	1997 - 1991; 2.6L 2559cc SOHC L4 (8 Valve), 92.6mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZE1					8
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	97-91	222-147			
1	Timing Belt Tensioner	97-91	222-183BT			
1	Timing Belt & Tensioner Set	96-91	BTS-147			
4	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
	Arm	92-91	R-1016	Std Only	Loc. Int. & Exh.	
1	Rocker Shaft	92-91	RS-706	Std Only	Loc. Int.	
1	Rocker Shaft	92-91	RS-707	Std Only	Loc. Exh.	
4	VALVE	YEARS	PART NO.		DESCRIPTION	
	Exhaust	97-91	V-2633	Std Only	Chrome plated stem; 1.4528" Head Dia., 0.3126" Stem Dia., 4.2559" O.A.L.	
4	Intake	97-91	V-2632	Std Only	1.736" Head Dia., 0.313" Stem Dia., 4.28" O.A.L.	
4	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
	Guide	97-91	VG-697	Std Only	Loc. Exh.; 0.3148" ID, 2.16" O.A.L.	
4	Guide	97-91	VG-698	Std Only	Loc. Int.; 0.3145" ID, 1.8" O.A.L.	
8	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
	Spring	97-91	VS-1528	Std Only	1.896" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	

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8 (cont.)		1997 - 1991; 2.6L 2559cc SOHC L4 (8 Valve), 92.6mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 4ZE1				8 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	97-91	ST-2034	Std Only	Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	97-91	245-1625-54	Std Only	Loc. Exh.; 1.632" OD, 1.329" ID, 0.28" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	97-91	VK-215	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	92-91	W13508P	Std-.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 36.5mm CD, Recessed Head 1.40mm deep x 80.00mm dia., 23mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-91	E-617K	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Standard Set	97-91	E-617X	Std-.50-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	97-91	WE-617K .50MM	.50-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
4	Premium Single Cylinder Set	97-91	WE-617K 1.00MM	.50-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-91	7320M	Std-.25MM	Thrust washer set not incl.		
1	Thrust Washer Set	97-91	3571BF	Std Only	Loc. 3		
1	Rod Set	97-91	4-4595P	Std-.25MM			
1	Cam Set	97-91	1858M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-91	224-41996				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-91	260-1768		Exh. pipe flange not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8102				
1	Brass Deep Cup Freeze Plug	95-91	381-9009		35mm Diameter		
1	Steel Shallow Cup Freeze Plug	95-91	381-2153		18mm Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6875	205-1875	
97-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Thrust washer set not incl.			Re-ring w/Mains	205-6875M	205-1875M	
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Thrust washer set not incl.			Block Kit w/Premium Rings	BK-6281	----	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Thrust washer set not incl.			Block Kit w/Oil Pump & Freeze Plugs	BKP-6281	----	
9		1991; 2.8L 2835cc OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code LL2				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	91	KT3-368S		Incl. chain 11 links wide; (1) 222-368; (1) 223-506; (1) 223-511		
1	3 Piece Set	91	KT3-373S		Incl. chain 11 links wide; When depleted use KT3-368S; (1) 222-368; (1) 223-506; (1) 223-511		
1	Timing Chain	91	222-368		11 links wide; 64 Links		
1	Chain Damper	91	222-59CT		Chain Damper w/Steel-Rubber damper		
1	Crank Sprocket	91	223-511		20 Teeth		
1	Cam Sprocket	91	223-506		40 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	91	CS-1539		Hydraulic, (050) Duration at .050 Lobe Lift, 202 Exh., 196 Int., 109 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	91	HT-2095	Std Only	Hyd.		
12	Lifter, Bulk	91	HT-2095B	Std Only	Hyd.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	91	KC-1539		Hyd.; (1) 55-403B; (1) CS-1539; (12) HT-2095		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	91	V-2290	Std-15	Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.		

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9 (cont.)	1991; 2.8L 2835cc OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code LL2					9 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Exhaust, Bulk	91	V-2290B 15	15	Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.	
6	Intake	91	V-2291	Std-15	Chrome plated stem; 1.7181" Head Dia., 0.3413" Stem Dia., 4.705" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	91	VG-1377	Std Only	Loc. Int. & Exh.; w/Alum. heads; Incl. lock ring; Threaded; 0.3155" ID, 2.085" O.A.L	
12	Guide	91	VG-5080	Std Only	Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	91	VS-798	Std Only	Loc. Int. & Exh.; 1.91" Free Height	
12	Spring, Bulk	91	VS-798B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.91" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	91	MV-1233C	Std Only	O-Ring; (RBB) Rubber	
12	Valve Stem Seal	91	MV-1888C	Std Only	Positive type; (VTN) Viton®	
12	Valve Stem Seal Bulk	91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber	
12	Valve Stem Seal Bulk	91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	91	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth	
6	Seat	91	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth	
6	Seat	91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth	
6	Seat	91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32	
24	Keeper	91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24	
24	Keeper	91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened	
24	Keeper, Bulk	91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000	
12	Spring Insert	91	259-201A	Std Only	.060"; Carton of 100	
12	Spring Insert	91	259-201ARS	Std Only	.060"; Carton of 500	
12	Spring Insert	91	259-201B	Std Only	.030"; Carton of 100	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-432K	Std-50-.75-1.00-1.50MM	1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Premium Moly	
1	Standard Set	91	E-432X	Std-50-.75-1.00-1.50MM	1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Iron	
6	Premium Single Cylinder Set	91	WE-432K	Std-50-.75-1.00-1.50MM	1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Premium Moly	
6	Standard Single Cylinder Set	91	WE-432X .50MM	.50-75-1.00-1.50MM	1-1.50MM, 1-2.00MM, 1-4.75MM; w/Shallow oil ring groove; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	7242MA	Std-25-.50-.75-1.00MM	A-Series aluminum bearings; 3/4 grooved	
1	Main Set	91	7244MA .50MM	.50MM	A-Series aluminum bearings; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.	
1	Rod Set	91	6-4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
1	Rod Set	91	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	91	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
6	Rod Pair	91	4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings	
1	Cam Set	91	1492M	Std Only	Full round design	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-4152		3/4" inlet	
1	Oil Pump	91	224-4152V		2nd Design; High Volume, check pan for clearance; 3/4" inlet	
1	Pump Repair Kit	91	224-51317			
1	Inter. Shaft	91	224-6148			
1	Oil Pump Shaft Guide	91	224-43351		Nylon	
1	Screen Assy.	91	224-14232		5/8" inlet tube	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	91	260-1232		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Steel Block Plug Kit	91	381-4012			
1	Steel Deep Cup Freeze Plug	91	381-3179		34.3mm Diameter	
1	Steel Shallow Cup Freeze Plug	91	381-2163		0.557" Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6296	205-1296

Isuzu Truck (Incl. Minivans and SUV's)

9 (cont.)		1991; 2.8L 2835cc OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code LL2				9 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
91-91	Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Incl. 3/4 grooved main brgs.		Re-ring w/Mains		205-6296M	205-1296M	
10		1994 - 1991; 3.1L 3136cc OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code LG6				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	94-91	KT3-368S		Incl. chain 11 links wide; (1) 222-368; (1) 223-506; (1) 223-511		
1	3 Piece Set	94-91	KT3-373S		Incl. chain 11 links wide; When depleted use KT3-368S; (1) 222-368; (1) 223-506; (1) 223-511		
1	Timing Chain	94-91	222-368		11 links wide; 64 Links		
1	Chain Damper	94-91	222-59CT		Chain Damper w/Steel-Rubber damper		
1	Crank Sprocket	94-91	223-511		20 Teeth		
1	Cam Sprocket	94-91	223-506		40 Teeth		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	92-91	RP-3207	Std Only	6.163" O.A.L.		
12	Push Rod, Bulk	92-91	BRP-3207	Std Only	Carton of 100; 6.163" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	92-91	R-881	Std Only	Incl. arm, ball & nut		
12	Arm Assy., Bulk	92-91	R-881B	Std Only	Incl. arm, ball & nut; Carton of 64		
12	Arm	92-91	R-881A	Std Only			
12	Rocker Arm Ball	92-91	MR-1838	Std Only			
12	Nut	92-91	MR-1837	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	94-91	V-2290	Std-15	Chrome plated stem; 1.425" Head Dia., 0.3413" Stem Dia., 4.736" O.A.L.		
6	Exhaust, Bulk	94-91	V-2290B 15	15	Chrome plated stem; Carton of 25; 1.4252" Head Dia., 0.3563" Stem Dia., 4.737" O.A.L.		
6	Intake	94-91	V-2291	Std-15	Chrome plated stem; 1.7181" Head Dia., 0.3413" Stem Dia., 4.705" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	94-91	VG-1377	Std Only	Loc. Int. & Exh.; w/Alum. heads; Incl. lock ring; Threaded; 0.3155" ID, 2.085" O.A.L.		
12	Guide	94-91	VG-5080	Std Only	Loc. Int. & Exh.; w/Cast iron head; 0.344" ID, 2" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	93-91	MV-1233C	Std Only	O-Ring; (RBB) Rubber		
12	Valve Stem Seal	93-91	MV-1888C	Std Only	Positive type; (VTN) Viton®		
12	Valve Stem Seal Bulk	93-91	MV-1233	Std Only	O-Ring; Carton of 100; (RBB) Rubber		
12	Valve Stem Seal Bulk	93-91	MV-1888	Std Only	Positive type; Carton of 50; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	94-91	245-1500-1	Std Only	Loc. Exh.; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	94-91	245-1500-1N	Std Only	Loc. Exh.; Premium Material; 1.5045" OD, 1.25" ID, 0.216" Depth		
6	Seat	94-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	94-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	93-91	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32		
24	Keeper	93-91	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24		
24	Keeper	93-91	VK-115R	Std Only	1 groove; Square cut key groove; Hardened		
24	Keeper, Bulk	93-91	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-478K	Std-50-.75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Premium Moly.; Superseded - When depleted use E-605K		
1	Standard Set	94-91	E-478X	Std-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
6	Premium Single Cylinder Set	94-91	WE-478K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
6	Standard Single Cylinder Set	94-91	WE-478X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7242MA	Std-25-.50-.75-1.00MM	A-Series aluminum bearings ; 3/4 grooved		
1	Main Set	94-91	7244MA .50MM	.50MM	A-Series aluminum bearings ; 2.6473/2.6479" std. shaft size; 3/4 grooved; .50MM O/S length flange brg.		
1	Rod Set	94-91	6-4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Rod Set	94-91	6-4020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore		
1	Rod Set	94-91	6-4020A 50X2	25X2-50X2-75X2	A-Series aluminum bearings ; Use in .002" O/S Rod Bore		
6	Rod Pair	94-91	4020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Cam Set	94-91	1492M	Std Only	Full round design		

Isuzu Truck (Incl. Minivans and SUV's)

10 (cont.)	1994 - 1991; 3.1L 3136cc OHV V6 (12 Valve), 89mm Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code LG6				10 (cont.)
BLOCK					
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	94-91	224-4152	3/4" inlet	
1	Oil Pump	94-91	224-4152V	2nd Design; High Volume, check pan for clearance; 3/4" inlet	
1	Pump Repair Kit	94-91	224-51317	Exc. High Volume	
1	Inter. Shaft	94-91	224-6148		
1	Oil Pump Shaft Guide	94-91	224-43351	Nylon	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	94-91	260-1466	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
11 2004 - 1992; 3.2L 3165cc DOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VD2 11					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	95-92	222-B220		
1	Timing Belt Tensioner	04-98	222-374CT		
1	Belt Idler	04-98	222-350BT	Loc. L.H.	
1	Belt Idler	04-98	222-357BT	Loc. R.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
24	Lifter	03-98	HT-2291	Std Only	Mech.
24	Lifter	95-92	HT-2290	Std Only	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
24	Guide	95-92	VG-1399T	Std Only	Loc. Int. & Exh.; Threaded; 0.2345" ID, 1.81" O.A.L
24	Guide	95-92	VG-914	Std Only	Loc. Int. & Exh.; 0.2345" ID, 1.775" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
24	Spring	01-98	VS-1656	Std Only	Loc. Int. & Exh.; 1.97" Free Height
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	95-92	7408M	Std Only	
1	Thrust Washer Set	95-92	4922F	Std Only	
1	Rod Set	95-92	6-4920P	Std Only	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	04-98	224-43639		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	04-98	260-1791	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-92	260-1789	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
12 1997 - 1992; 3.2L 3165cc SOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VD1 12					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	97-92	222-B221		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
24	Lifter	97-92	HT-2254	Std Only	Hyd. lash adj.
24	Lifter, Bulk	97-92	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
12	Exhaust	97-92	V-4560	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2347" Stem Dia., 3.9551" O.A.L.
12	Intake	97-92	V-4669	Std Only	1.3386" Head Dia., 0.2362" Stem Dia., 3.8976" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
24	Guide	97	VG-1399T	Std Only	Loc. Int. & Exh.; Threaded; 0.2345" ID, 1.81" O.A.L
24	Guide	97-92	VG-914	Std Only	Loc. Int. & Exh.; 0.2345" ID, 1.775" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
24	Spring	97-92	VS-1656	Std Only	Loc. Int. & Exh.; 1.97" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
24	Valve Stem Seal	97-92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
12	Seat	97-92	245-1312-66	Std Only	Loc. Exh.; 1.127" ID top taper; 1.3125" OD, 1.02" ID, 0.258" Depth
12	Seat	97-92	245-1437-67	Std Only	Loc. Int.; 1.270" ID top taper; 1.4445" OD, 1.18" ID, 0.255" Depth
BLOCK					
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	97-92	E-965KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-92	7408M	Std Only	

Isuzu Truck (Incl. Minivans and SUV's)

12 (cont.)		1997 - 1992; 3.2L 3165cc SOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VD1				12 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Thrust Washer Set	97-92	4922F	Std Only			
1	Rod Set	97-92	6-4920P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-92	224-43619				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-96	260-1787		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95-92	260-1761		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.	
YEARS	DESCRIPTION						
97-96	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6877	----	
95-92	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6876	----	
97-96	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6877M	----	
95-92	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6876M	----	
13		2006; 3.5L 3460cc DOHC L5 (20 Valve), 93mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code 6				13	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
20	Lifter	06	HT-2291	Std Only	Mech.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
10	Arm	06	R-1140	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
10	Exhaust	06	V-4676	Std Only			
10	Intake	06	V-4675	Std Only			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
20	Guide	06	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
5	Cast Piston	06	H889CP	Std-25-50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.098 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston, 23.007mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	06	E-969K	Std-25-50MM	2-1.2mm, 1-2.5mm; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	06	6-4925P	Std-10-20			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Pump Repair Kit	06	224-53582				
14		2004 - 1998; 3.5L 3494cc DOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VE1				14	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt Tensioner	04-98	222-374CT				
1	Belt Idler	04-98	222-350BT		Loc. L.H.		
1	Belt Idler	04-98	222-357BT		Loc. R.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	04-98	HT-2291	Std Only	Mech.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	03-98	VG-914	Std Only	Loc. Int. & Exh.; 0.2345" ID, 1.775" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
24	Spring	03-98	VS-1656	Std Only	Loc. Int. & Exh.; 1.97" Free Height		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-98	7408M	Std Only			
1	Thrust Washer Set	04-03	4922F	Std Only			
1	Rod Set	02-98	6-4920P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		

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	14 2004 - 1998; 3.5L 3494cc DOHC V6 (24 Valve), 93.4mm Bore; MFI; Gasoline; Naturally Aspirated Isuzu Eng.; Eng. Code 6VE1				14 (cont.)
BLOCK					
QTY	OIL PUMP (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	03-98	224-43639		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	04-98	260-1791	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
15 1995; 3.9L 3856cc OHV Turbo - Intercooled L4 (8 Valve), 102mm Bore; MFI; Diesel; Turbo - Intercooled Isuzu Eng.; Eng. Code 4BD2-TC					
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Thrust Washer Set	95	3952BF	Std Only	
2	Rod Set	95	2-3950CP	Std.-25-.50MM	
16 2008 - 2003; 4.2L 4160cc DOHC L6 (24 Valve), 93mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S					
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
12	Exhaust	05-03	V-4676	Std Only	
12	Intake	05-03	V-4675	Std Only	
BLOCK					
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	05-03	E-969K	Std.-25-.50MM 2-1.2mm, 1-2.5mm; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	06-03	7409M	Std-10-20-30	
1	Rod Set	06-03	6-4925P	Std-10-20	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	08-06	260-1967	2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	05	260-1966	1st Design; Balancer w/o step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	05	260-1992	2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1965	1st Design; Balancer w/o step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1991	2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03	260-1964	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
17 2001 - 1997; 4.3L 4293cc (262) OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X, Eng. Code LB4					
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	00-97	KT3-499SA4	(1) 222-499; (1) 223-505; (1) 223-776	
1	Gear Set	00-97	221-2555S	Bal. shaft set	
1	Timing Chain	00-97	222-499	Use w/.405" tooth width sprocket; 46 Links	
1	Crank Sprocket	00-97	223-505	Steel; .405" tooth width sprocket; 18 Teeth	
1	Cam Sprocket	00-97	223-776	36 teeth; 36 Teeth	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	01-97	5085M	Std-1-10-20-30-40	
1	Main Set	01-97	5085MA	Std-1-10-20-30-40	
1	Main Set	01-97	6687M 10	10-20-30 .020" O/S length flange brg.	
1	Main Set	01-97	7380MA 10X20	10X20 A-Series aluminum bearings; Use in .020" O/S OD	
1	Rod Set	01-97	6-1020A 25X2	25X2-50X2-75X2 A-Series aluminum bearings; Use in .002" O/S Rod Bore	
1	Rod Set	01-97	6-1020CP	Std.-026-.25-.50-.75-1.00 MM	
1	Rod Set	99-97	6-1020A	Std.-026-.25-.50-.75-1.00 MM A-Series aluminum bearings	
6	Rod Pair	01-97	1020CP	Std.-026-.25-.50-.75-1.00 MM	
6	Rod Pair	99-97	1020A	Std.-026-.25-.50-.75-1.00 MM A-Series aluminum bearings	

Isuzu Truck (Incl. Minivans and SUV's)

17 (cont.)		2001 - 1997; 4.3L 4293cc (262) OHV V6 (12 Valve), 4" Bore Vortec; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code X, Eng. Code LB4				17 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	01-97	1463M	Std-1	Babbitt material; Full round design		
1	Balance Shaft Bearing	01-97	3204DR	Std Only	Loc. Rear		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-97	224-43469		3/4" inlet; w/nylon shaft guide		
1	Oil Pump	00-97	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide		
1	Inter. Shaft	00-97	224-6146		w/Nylon shaft guide; Use w/nylon shaft guide		
1	Inter. Shaft	00-97	224-6146E		w/Steel shaft guide; Has steel shaft guide; Eliminates nylon shaft guide		
1	Oil Pump Shaft Guide	00-97	224-43343		Use w/224-6146; Nylon		
1	Screen Assy.	99-97	224-15049				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-97	260-1738		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01-97	260-1738T		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	01-97	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability		
18		2001 - 1997; 4.3L 4293cc (262) OHV V6 (12 Valve), 4" Bore Vortec H.O.; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code W, Eng. Code LF6				18	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	00-97	KT3-499SA4		(1) 222-499; (1) 223-505; (1) 223-776		
1	Gear Set	00-97	221-2555S		Bal. shaft set		
1	Timing Chain	00-97	222-499		Use w/.405" tooth width sprocket; 46 Links		
1	Crank Sprocket	00-97	223-505		Steel; .405" tooth width sprocket; 18 Teeth		
1	Cam Sprocket	00-97	223-776		36 teeth; 36 Teeth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-97	5085M	Std-1-10-20-30-40			
1	Main Set	01-97	5085MA	Std-1-10-20-30-40	A-Series aluminum bearings		
1	Main Set	01-97	6687M 10	10-20-30	.020" O/S length flange brg.		
1	Main Set	01-97	7380MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD		
1	Rod Set	01-97	6-1020A 25X2	25X2-50X2-75X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	01-97	6-1020CP	Std-.026-.25-.50-.75-1.00 MM			
1	Rod Set	99-97	6-1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
6	Rod Pair	01-97	1020CP	Std-.026-.25-.50-.75-1.00 MM			
6	Rod Pair	99-97	1020A	Std-.026-.25-.50-.75-1.00 MM	A-Series aluminum bearings		
1	Cam Set	01-97	1463M	Std-1	Babbitt material; Full round design		
1	Balance Shaft Bearing	01-97	3204DR	Std Only	Loc. Rear		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-97	224-43469		3/4" inlet; w/nylon shaft guide		
1	Oil Pump	00-97	224-43469V		High Volume, check pan for clearance; 3/4" inlet; Use w/steel guide		
1	Inter. Shaft	00-97	224-6146		w/Nylon shaft guide; Use w/nylon shaft guide		
1	Inter. Shaft	00-97	224-6146E		w/Steel shaft guide; Has steel shaft guide; Eliminates nylon shaft guide		
1	Oil Pump Shaft Guide	00-97	224-43343		Use w/224-6146; Nylon		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-97	260-1738		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	01-97	260-1738T		Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	01-97	260-2542	Std Only	Replacement recommended; New Part Number - Check for Availability		
19		2007 - 2005; 5.3L 5328cc OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				19	
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	06-05	H1132CPA	Std-.25-.50-.75-1.00MM	Hypereutectic; New Part Number - Check for Availability		
8	Cast Piston	06-05	H1132CT	Std-.25-.50-.75-1.00MM	Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		

Isuzu Truck (Incl. Minivans and SUV's)

19 (cont.)	2007 - 2005; 5.3L 5328cc OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M				19 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	07-05	260-1975	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
20	2005 - 2003; 5.3L 5328cc OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code P				20
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
8	Cast Piston	05-04	H1127CT	Std.-25-.50-.75-1.00MM	Hypereutectic; Full floating pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .066 deep x 3.05 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.
8	Cast Piston	04-03	H856CP	Std.-50-.75-1.00MM	Hypereutectic; Press-fit pin; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Recessed Head .068 deep x 3.050 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	04-03	224-43645	Std. volume & pressure	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	05-04	260-1974	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03	260-1973	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	04-03	260-2536	Std Only	1st Design; Replacement recommended
21	2000 - 1996; 5.7L 5736cc (350) OHV V8 (16 Valve), 4" Bore; CPI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code CPC				21
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	99-98	V-4345	Std-15	Chrome plated stem; 1.5" Head Dia., 0.341" Stem Dia., 4.923" O.A.L.
8	Exhaust, Bulk	99-98	V-4345B 15	15	Chrome plated stem; Carton of 25; 1.5" Head Dia., 0.356" Stem Dia., 4.923" O.A.L.
8	Intake	99-98	V-4344	Std-15	Chrome plated stem; 1.937" Head Dia., 0.342" Stem Dia., 4.8815" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	99-98	VS-1641	Std Only	Loc. Int. & Exh.; 2.059" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	99-98	ST-2125	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	99-98	VK-115	Std Only	1 groove; Square cut key groove; Carton pack 32
32	Keeper	99-98	VK-115A	Std Only	1 groove; Square cut key groove; Carton pack 24
32	Keeper	99-98	VK-115R	Std Only	1 groove; Square cut key groove; Hardened
32	Keeper, Bulk	99-98	VK-115B	Std Only	1 groove; Square cut key groove; Carton of 1000
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	00-96	4663M	Std-1-2-10-20-30-40-60	
1	Main Set	00-96	4663MA	Std-1-2-10-20-30-40-60	A-Series aluminum bearings
1	Rod Set	00-96	8-2555A	Std-1-10-20-30-40-50-60	A-Series aluminum bearings
1	Rod Set	00-96	8-2555CP	Std-1-10-20-30-40-50	8-2555CA 60 avail. as unplated & resizeable; Overplated copper-lead alloy
1	Rod Set	00-96	8-2555CA 60	60	Unplated & resizeable
8	Rod Pair	00-96	2555A	Std-1-2-10-20-30-40-50-60	A-Series aluminum bearings
8	Rod Pair	00-96	2555CP	Std-1-2-10-20-30-40-50	Overplated copper-lead alloy
8	Rod Pair	00-96	2555CP 10X2	10X2-20X2	Use in .002" O/S Rod Bore
8	Rod Pair	00-96	2555CA 60	60	Unplated & resizeable
1	Cam Set	00-96	1235M	Std-1-10	Babbitt material; Full round design
1	Cam Set	00-96	1749M	Std Only	Bi-Metal Aluminum
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	00-96	260-1735	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00-96	260-1735T	Head bolts not incl.; Exh. pipe packing not incl.; Plastic timing cover not incl.; PermaDryPlus® int. manifold gskts. incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	00-96	260-2500	Std Only	Replacement recommended

Isuzu Truck (Incl. Minivans and SUV's)

22		1995 - 1993; 5.7L 5736cc (350) OHV V8 (16 Valve), 4" Bore; TBI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; Eng. Code CPC										22	
BLOCK													
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION									
1	Main Set	95-93	4663M	Std-1-2-10-20-30-40-60									
1	Main Set	95-93	4663MA	Std-1-2-10-20-30-40-60									
1	Rod Set	95-93	8-2555A	Std-1-10-20-30-40-50-60									
1	Rod Set	95-93	8-2555CP	Std-1-10-20-30-40-50									
1	Rod Set	95-93	8-2555CA 60	60									
8	Rod Pair	95-93	2555A	Std-1-2-10-20-30-40-50-60									
8	Rod Pair	95-93	2555CP	Std-1-2-10-20-30-40-50									
8	Rod Pair	95-93	2555CP 10X2	10X2-20X2									
8	Rod Pair	95-93	2555CA 60	60									
1	Cam Set	95-93	1235M	Std-1-10									
1	Cam Set	95-93	1749M	Std Only									
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION									
1	Kit Gasket Set	95-93	260-1269	Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.									
2	Head Bolt Set	95-93	260-2500	Std Only									

Jaguar

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.5L	152.0	2495cc	DOHC V6	81.6mm	24	Ford Eng.	D			MFI/Gasoline	2002	1
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	F			MFI/Gasoline	2007-2000	2
1		2002; 2.5L 2495cc DOHC V6 (24 Valve), 81.6mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D										1
BLOCK												
QTY	RINGS	YEARS	PART NO.	DESCRIPTION								
1	Premium Set	02	E-926K	Std-50-75-1.00MM								
2		2007 - 2000; 3.0L 2967cc DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code F										2
BLOCK												
QTY	PISTON	YEARS	PART NO.	DESCRIPTION								
6	Cast Piston	02-00	H881CP	Std-50-75-1.00MM								
6	Pin Bushing	07-00	4399Y									
6	Pin Bushing	07-00	4399YA									
QTY	RINGS	YEARS	PART NO.	DESCRIPTION								
1	Premium Set	02-00	E-931K	Std-50-75-1.00MM								
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	07-00	7262MA	Std-25-50MM								
1	Main Set	05-00	7262MA 25X2	25X2								
1	Rod Set	07-00	6-4395A	Std-25-50MM								
6	Rod Pair	07-00	4395A	Std-25MM								

Jeep Truck (Incl. Jeep, Willys)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.4L	148.0	2429cc	DOHC L4	87.5mm	16	Chrysler Eng.	1			MFI/Gasoline	2006-2002	1
2.5L	150.0	2464cc	OHV L4	98.42mm	8	AMC Eng.	H			MFI/Gasoline	2002-1997	2
2.5L	150.0	2464cc	OHV L4	98.42mm	8	AMC Eng.	P			MFI/Gasoline	2002-1991	3
3.7L	226.0	3704cc	SOHC V6	93mm	12	Chrysler Eng.	K			MFI/Gasoline	2010-2002	4
3.8L	231.0	3785cc	OHV V6	96mm	12	Chrysler Eng.	1			MFI/Gasoline	2008-2007	5
4.0L	242.0	3964cc	OHV L6	99mm	12	AMC Eng.	S		Jeep	MFI/Gasoline	2006-1991	6
4.0L	242.0	3964cc	OHV L6	99mm	12	AMC Eng.	V		Jeep	MFI/Gasoline	2005-1997	7
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	N			MFI/Gasoline	2009-1999	8
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	P			MFI/Flex Fuel	2009-2007	9
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	J			MFI/Gasoline	2004-2002	10
5.2L	318.0	5212cc	OHV V8	99.22mm	16	Chrysler Eng.	Y			MFI/Gasoline	1998-1993	11
5.7L	345.0	5654cc	OHV V8	99.5mm	16	Chrysler Eng.	2			MFI/Gasoline	2008-2005	12
5.9L	360.0	5899cc	OHV V8	101.6mm	16	Chrysler Eng.	Z			MFI/Gasoline	1998	13

Jeep Truck (Incl. Jeep, Willys)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
5.9L	360.0	5899cc	OHV V8	103.6mm	16	AMC Eng.	7			2 Bbl./Gasoline	1993-1991	14
6.1L	370.0	6059cc	OHV V8	103mm	16	Chrysler Eng.	3			MFI/Gasoline	2008-2006	15
1	2006 - 2002; 2.4L 148 (2429cc) DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 1										1	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Bal. Shaft Chain Guide	03-02	222-297GP									
1	Timing Belt	03-02	222-B265	146 Teeth								
1	Bal. Shaft Belt Tensioner	03-02	222-1298BT									
1	Crank Sprocket	03-02	223-803	For Bal. Shaft Chain; 36 Teeth								
1	Bal. Shaft Sprocket	03-02	223-642	18 Teeth								
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION								
16	Arm	06-02	R-1098	Std Only								
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	06-02	V-4725	Std Only 3 groove; Chrome plated stem; 1.1200" Head Dia., 0.2329" Stem Dia., 4.3240" O.A.L.; New Part Number - Check for Availability								
8	Intake	06-02	V-4606	Std Only 3 groove; Chrome plated stem; 1.37" Head Dia., 0.2337" Stem Dia., 4.4" O.A.L.								
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
16	Guide	06-02	VG-1387T	Std Only Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.								
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION								
16	Spring	06-02	VS-1661	Std Only Loc. Int. & Exh.; 1.905" Free Height								
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION								
8	Seat	05-02	245-1250-59	Std Only Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth								
8	Seat	05-02	245-1375-62	Std Only Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth								
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	04-02	7313M	Std.-25-50MM								
4	Rod Pair	04-02	4565A	Std.-25-50MM								
4	Rod Pair	04-02	4565A 25X2	25X2-50X2								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
1	Head Bolt Set	06-02	260-2548	Std Only Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability								
2	2002 - 1997; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; VIN Code H										2	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	3 Piece Set	02-97	KT3-3SR64S	(1) 222-3SR64; (1) 223-607; (1) 223-608A								
1	Timing Chain	02-97	222-3SR64	Single rlr.; 64 Links								
1	Timing Chain Tensioner	02-97	222-167CT									
1	Timing Chain Guide	01-97	222-337GP									
1	Crank Sprocket	02-97	223-607	24 Teeth								
1	Cam Sprocket	02-97	223-608A	48 Teeth								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION								
1	Camshaft	02-97	CS-1554	Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 188 Int., 108 Degrees Lobe Separation, 0.414" Exh. Valve Lift, 0.408" Int. Valve Lift								
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.								
1	Prelube		55-403	Std Only 1.5 oz. packet								
8	Lifter	02-97	HT-2011	Std Only Hyd.; w/2 grooves								
8	Lifter	02-97	HT-2011R	Std Only Speed-Pro Hi-Revolution Hyd.								
8	Lifter, Bulk	02-97	HT-2011B	Std Only Hyd.; w/2 grooves; Carton of 117								
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION								
1	Cam/Lifter Kit	02-97	KC-1554	Hyd.; (1) 55-403B; (1) CS-1554; (8) HT-2011								
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION								
8	Push Rod	02-00	RP-3236	Std Only 9.486" O.A.L.								
8	Push Rod, Bulk	02-00	BRP-3236	Std Only Carton of 100; 9.486" O.A.L.								
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION								
8	Arm Assy.	02-97	R-905	Std Only Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm								
8	Arm Assy., Bulk	02-97	R-905B	Std Only Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm; Carton of 32								
8	Arm	02-97	R-905A	Std Only Stamped rocker arm								
8	Bridge	02-97	MR-1840	Std Only								
8	Pivot	02-97	MR-1839	Std Only Pivot only								
4	Pivot	02-97	MR-1909	Std Only Incl. 2-pivots & 1-bridge								
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								

Jeep Truck (Incl. Jeep, Willys)

2 (cont.)		2002 - 1997; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated				2 (cont.)	
AMC Eng.; VIN Code H							
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	02-99	V-4636	Std Only	1.5" Head Dia., 0.3115" Stem Dia., 4.9394" O.A.L.		
4	Exhaust	98-97	V-4554	Std Only	Chrome plated stem; 1.5" Head Dia., 0.3108" Stem Dia., 4.9395" O.A.L.		
4	Intake	02-99	V-4637	Std Only	1.91" Head Dia., 0.3115" Stem Dia., 4.912" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	02-00	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	02-97	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth		
4	Seat	02-97	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth		
4	Seat	98-97	245-2000-1	Std Only	Loc. Int.; 2.0055" OD, 1.75" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	99-97	VK-216	Std Only	1 groove		
16	Keeper, Bulk	99-97	VK-216B	Std Only	1 groove; Carton of 1000		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	00-97	H822CP	Std-20-30-60	Use w/E-924K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.		
4	Cast Piston	00-97	H823CP 20	20-30-40	Use w/E-450K or E-450X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.9307" Pin Dia.		
4	Cast Piston - Individual	00-97	WH822CP	Std-20-30	Use w/WE-924K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.		
4	Cast Piston - Individual	00-97	WH823CP 20	20-30-40	Use w/WE-450K or WE-450X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.9307" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-97	E-924K	Std-20-30	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	00-97	E-450K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Standard Set	00-97	E-450X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
4	Premium Single Cylinder Set	02-97	WE-924K	Std Only	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Single Cylinder Set	00-97	WE-450K	Std-20-30-40-60	Check piston grooving before supplying ring set; 2-5/64, 1-3/16; Premium Moly		
1	Standard Single Cylinder Set	00-97	WE-450X	Std-20-30-40-60	Check piston grooving before supplying ring set; 2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-97	7217M	Std-10-20-30			
1	Rod Set	02-97	4-3310CPA	Std-10-20-30-40			
4	Rod Pair	02-97	3310CPA	Std-1-2-10-20-30-40-50-60			
1	Cam Set	02-97	1244M	Std-10			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-97	224-41198		Replaces pump w/cover having tab & slotted hole		
1	Pump Repair Kit	01-97	224-51198		Use w/pump having cover w/tab & slotted hole		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-97	381-8086				
1	Brass Deep Cup Freeze Plug	98-97	381-9030		1.750" Diameter		
1	Steel Shallow Cup Freeze Plug	98-97	381-2170		2.141" Diameter		
3		2002 - 1991; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated				3	
AMC Eng.; VIN Code P							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	02-91	KT3-3SR64S		(1) 222-3SR64; (1) 223-607; (1) 223-608A		
1	Timing Chain	02-91	222-3SR64		Single rlr.; 64 Links		
1	Timing Chain Tensioner	02-91	222-167CT				
1	Timing Chain Guide	02-91	222-337GP				
1	Crank Sprocket	02-91	223-607		24 Teeth		
1	Cam Sprocket	02-91	223-608A		48 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	02-96	CS-1554		Hydraulic, (050) Duration at .050 Lobe Lift, 192 Exh., 188 Int., 108 Degrees Lobe Separation, 0.414" Exh. Valve Lift, 0.408" Int. Valve Lift		
1	Camshaft	95-91	CS-779		Hydraulic, (050) Duration at .050 Lobe Lift, 197 Exh., 197 Int., 112 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
8	Lifter	02-91	HT-2011	Std Only	Hyd.; w/2 grooves		
8	Lifter	02-91	HT-2011R	Std Only	Speed-Pro Hi-Revolution Hyd.		

Jeep Truck (Incl. Jeep, Willys)

3 (cont.)	2002 - 1991; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; VIN Code P				3 (cont.)
VALVETRAIN					
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION
8	Lifter, Bulk	02-91	HT-2011B	Std Only	Hyd.; w/2 grooves; Carton of 117
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	02-96	KC-1554		Hyd.; (1) 55-403B; (1) CS-1554; (8) HT-2011
1	Cam/Lifter Kit	95-91	KC-779		Hyd.; (1) 55-403B; (1) CS-779; (8) HT-2011
1	Cam/Lifter/Timing Kit	95-91	KCT-779		Hyd.; (1) 55-403B; (1) CS-779; (8) HT-2011; (1) KT3-3SR64S
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
8	Push Rod	02-00	RP-3236	Std Only	9.486" O.A.L.
8	Push Rod	94-91	RP-3236	Std Only	9.486" O.A.L.
8	Push Rod, Bulk	02-00	BRP-3236	Std Only	Carton of 100; 9.486" O.A.L.
8	Push Rod, Bulk	94-91	BRP-3236	Std Only	Carton of 100; 9.486" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm Assy.	02-91	R-905	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm
8	Arm Assy., Bulk	02-91	R-905B	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm; Carton of 32
8	Arm	02-91	R-905A	Std Only	Stamped rocker arm
8	Bridge	02-91	MR-1840	Std Only	
8	Pivot	02-91	MR-1839	Std Only	Pivot only
4	Pivot	02-91	MR-1909	Std Only	Incl. 2-pivots & 1-bridge
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	02-99	V-4636	Std Only	1.5" Head Dia., 0.3115" Stem Dia., 4.9394" O.A.L.
4	Exhaust	98-97	V-4554	Std Only	Chrome plated stem; 1.5" Head Dia., 0.3108" Stem Dia., 4.9395" O.A.L.
4	Exhaust	96-91	V-2526	Std-15	Chrome plated stem; w/radius key groove; 1.5" Head Dia., 0.3108" Stem Dia., 4.939" O.A.L.
4	Intake	02-99	V-4637	Std Only	1.91" Head Dia., 0.3115" Stem Dia., 4.912" O.A.L.
4	Intake	96-91	V-2527	Std-15	w/radius key groove; 1.91" Head Dia., 0.3115" Stem Dia., 4.911" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	95-91	VS-1456	Std Only	Conical design; 2.016" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	02-00	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
4	Valve Stem Seal	95-91	ST-2043	Std Only	Loc. Exh.; Positive type; (RBB) Rubber
4	Valve Stem Seal	95-91	ST-2044	Std Only	Loc. Int.; Positive type; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	02-91	245-1562-1	Std Only	Loc. Exh.; 1.5675" OD, 1.3125" ID, 0.216" Depth
4	Seat	02-91	245-1562-1N	Std Only	Loc. Exh.; Premium Material; 1.5675" OD, 1.3125" ID, 0.216" Depth
4	Seat	98-91	245-2000-1	Std Only	Loc. Int.; 2.0055" OD, 1.75" ID, 0.216" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
16	Keeper	99-91	VK-216	Std Only	1 groove
16	Keeper, Bulk	99-91	VK-216B	Std Only	1 groove; Carton of 1000
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston	00-96	H822CP	Std-20-30-60	Use w/E-924K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
4	Cast Piston	00-96	H823CP 20	20-30-40	Use w/E-450K or E-450X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.9307" Pin Dia.
4	Cast Piston	95-91	525ACP 30	30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.580 CD, Recessed Head .116 deep - 9.2:1 C.R.; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
4	Cast Piston	95-91	525AP	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.580 CD, Recessed Head .116 deep - 9.2:1 C.R., 0.931" Pin Dia.
4	Cast Piston	95-91	525P 40	40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.580 CD, Recessed Head .116 deep - 9.2:1 C.R., 0.931" Pin Dia.; Superseded - When depleted use 525AP 40
4	Cast Piston - Individual	00-96	WH822CP	Std-20-30	Use w/WE-924K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
4	Cast Piston - Individual	00-96	WH823CP 20	20-30-40	Use w/WE-450K or WE-450X ring set; Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.9307" Pin Dia.
4	Cast Piston - Individual	95-91	W525AP	Std-20-30-40-60	Cast
4	Cast Piston - Individual	95-91	W525CP 20	20-30-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.580 CD, Recessed Head .116 deep - 9.2:1 C.R.; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.; Superseded - When depleted use
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	02-96	E-924K	Std-20-30	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	00-91	E-450K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Standard Set	00-91	E-450X	Std-20-30-40-60	2-5/64, 1-3/16; Iron

Jeep Truck (Incl. Jeep, Willys)

3 (cont.)		2002 - 1991; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated				3 (cont.)	
AMC Eng.; VIN Code P							
BLOCK							
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Premium Single Cylinder Set	02-96	WE-924K	Std Only	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Single Cylinder Set	00-96	WE-450K	Std-20-30-40-60	Check piston grooving before supplying ring set; 2-5/64, 1-3/16; Premium Moly		
4	Premium Single Cylinder Set	95-91	WE-450K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly		
1	Standard Single Cylinder Set	00-96	WE-450X	Std-20-30-40-60	Check piston grooving before supplying ring set; 2-5/64, 1-3/16; Iron		
4	Standard Single Cylinder Set	95-91	WE-450X	Std-20-30-40-60	2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-91	7217M	Std-10-20-30			
1	Rod Set	00-91	4-3310CPA	Std-10-20-30-40			
4	Rod Pair	00-91	3310CPA	Std-1-2-10-20-30-40-50-60			
1	Cam Set	02-91	1244M	Std-10			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-91	224-41198		Replaces pump w/cover having tab & slotted hole		
1	Pump Repair Kit	01-91	224-51198		Use w/pump having cover w/tab & slotted hole		
1	Screen Assy.	95-91	224-14229				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-94	260-1710		PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl. w/Aluminum valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	93-92	260-1724		PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl. w/Plastic valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	93-92	260-1727		w/Aluminum valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	91	260-1725		w/Aluminum valve cover; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-91	381-8086				
1	Brass Deep Cup Freeze Plug	98-91	381-9030		1.750" Diameter		
1	Steel Shallow Cup Freeze Plug	98-91	381-2170		2.141" Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-1.50mm, 1-4.00mm ring groove			Re-ring	205-6398	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-1.50mm, 1-4.00mm ring groove			Re-ring w/Mains	205-6398M	----	
96-94	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-5/64, 1-3/16 ring groove			Re-ring	205-6369	205-1369	
96-94	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; For pistons w/2-5/64, 1-3/16 ring groove			Re-ring w/Mains	205-6369M	205-1369M	
93-92	w/Alum. valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	----	205-1367M	
93-92	w/Plastic valve covers; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	----	205-1368	
93-92	w/Alum. valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6367	205-1367	
93-92	w/Plastic valve covers; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6368M	205-1368M	
91-91	w/Alum. valve cover; Premium valve stem seals incl.			Re-ring	205-6366	205-1366	
91-91	w/Alum. valve cover; Premium valve stem seals incl.			Re-ring w/Mains	205-6366M	205-1366M	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master	MKP-7052	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master w/o Pistons	MK-7052	----	
95-94	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master w/o Pistons	MK-7051	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master w/o Rods & Mains	505-7052	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings	BK-6186	----	
96-96	PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Block Kit w/Oil Pump & Freeze Plugs	BKP-6186	----	
93-92	w/Plastic valve covers; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Block Kit w/Oil Pump & Freeze Plugs	BKP-6190	----	
93-92	w/Alum. valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole			Master	MKP-6367A	MKP-1367A	

Jeep Truck (Incl. Jeep, Willys)

3 (cont.)	2002 - 1991; 2.5L 150 OHV L4 (8 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; VIN Code P					3 (cont.)
KITS						
OVERHAUL KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
93-92	w/Plastic valve covers; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master			MKP-6368A	MKP-1368A
91-91	w/Alum. valve cover; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master			MKP-6366A	MKP-1366A
93-92	w/Alum. valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Pistons			MK-6367A	MK-1367A
93-92	w/Plastic valve covers; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Pistons			MK-6368A	MK-1368A
91-91	w/Alum. valve cover; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Pistons			MK-6366A	MK-1366A
93-92	w/Alum. valve cover; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Rods & Mains			505-6367A	505-1367A
93-92	w/Plastic valve covers; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Rods & Mains			505-6368A	505-1368A
91-91	w/Alum. valve cover; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Rods & Mains			505-6366A	505-1366A
4 2010 - 2002; 3.7L 226 (3704cc) SOHC V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K 4						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Complete Set	03-02	KT-4002S		Incl. sprockets, chains, tensioners, arms & guides	
6	Idler Sprocket Bushing	02	ISB1			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	10-05	HT-2308	Std Only	New Part Number - Check for Availability	
12	Lifter	04-02	HT-2271	Std Only	Hyd. lash adj.	
12	Lifter, Bulk	04-02	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	10-02	V-4678	Std Only	3 groove; 1.457" Head Dia., 0.2722" Stem Dia., 4.539" O.A.L.	
6	Intake	10-02	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	07-02	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	07-02	H884CP	Std-50-.75-1.00MM	Use w/E-906K ring set; Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head, 0.946" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	07-02	E-906K	Std-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Single Cylinder Set	07-02	WE-906K	Std-.50MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	10-02	7386MA	Std-.25-.50MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	08-02	224-43647		New Part Number - Check for Availability	
1	Screen Assy.	08-02	224-15071			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	06-05	260-1960		w/Plastic valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	05	260-1959		w/Stamped steel valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	04-02	260-1959		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	07-02	381-8203			
1	Steel Block Plug Kit	07-02	381-9680			
5 2008 - 2007; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 1 5						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	08-07	HT-2269	Std Only	Hyd. rlr.	

Jeep Truck (Incl. Jeep, Willys)

5 (cont.)		2008 - 2007; 3.8L 231 (3785cc) OHV V6 (12 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 1				5 (cont.)	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Lifter, Bulk	08-07	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Intake	07	V-4683	Std Only	Chrome plated stem; 1.89" Head Dia., 0.2734" Stem Dia., 4.969" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	07	VK-296	Std Only	3 Groove		
BLOCK							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
2	Head Bolt Set	07	260-2552	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
6		2006 - 1991; 4.0L 242 OHV L6 (12 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; Jeep; VIN Code S				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	06-99	KT3-385SA1		Incl. Cam, Crank, Chain		
1	3 Piece Set	98-94	KT3-385SA		(1) 222-385; (1) 223-808; (1) 223-809		
1	3 Piece Set	93-91	KT3-4SR48		(1) 222-4SR48; (1) 223-688; (1) 223-689		
1	Timing Chain	03-94	222-385		64 Links		
1	Timing Chain	93-91	222-4SR48		Single rlr.; 48 Links		
1	Timing Chain Guide	03-91	222-337GP				
1	Crank Sprocket	03-94	223-809		24 teeth; 24 Teeth		
1	Crank Sprocket	93-91	223-689		18 Teeth		
1	Cam Sprocket	98-94	223-808		48 Teeth		
1	Cam Sprocket	93-91	223-688		38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	95-91	CS-809		Hydraulic, (050) Duration at .050 Lobe Lift, 197 Exh., 197 Int., 116 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	06-91	HT-2011	Std Only	Hyd.; w/2 grooves		
12	Lifter	06-91	HT-2011R	Std Only	Speed-Pro Hi-Revolution Hyd.		
12	Lifter, Bulk	06-91	HT-2011B	Std Only	Hyd.; w/2 grooves; Carton of 117		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	95-91	KC-809		Hyd.; (1) 55-403B; (1) CS-809; (12) HT-2011		
1	Cam/Lifter/Timing Kit	93-91	KCT-809		Hyd.; (1) 55-403B; (1) CS-809; (12) HT-2011; (1) KT3-4SR48		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	06-91	RP-3275	Std Only	9.641" O.A.L.		
12	Push Rod, Bulk	06-91	BRP-3275	Std Only	Carton of 100; 9.641" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	06-91	R-905	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm		
12	Arm Assy., Bulk	06-91	R-905B	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm; Carton of 32		
12	Arm	06-91	R-905A	Std Only	Stamped rocker arm		
12	Bridge	06-91	MR-1840	Std Only			
12	Pivot	06-91	MR-1839	Std Only	Pivot only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	06-99	V-4636	Std Only	1.5" Head Dia., 0.3115" Stem Dia., 4.9394" O.A.L.		
6	Exhaust	98-97	V-4554	Std Only	Chrome plated stem; 1.5" Head Dia., 0.3108" Stem Dia., 4.9395" O.A.L.		
6	Exhaust	96-91	V-2526	Std-15	Chrome plated stem; w/radius key groove; 1.5" Head Dia., 0.3108" Stem Dia., 4.939" O.A.L.		
6	Intake	06-99	V-4637	Std Only	1.91" Head Dia., 0.3115" Stem Dia., 4.912" O.A.L.		
6	Intake	98-91	V-2527	Std-15	w/radius key groove; 1.91" Head Dia., 0.3115" Stem Dia., 4.911" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	95-91	VS-1456	Std Only	Conical design; 2.016" Free Height		
12	Spring	94-91	VS-822	Std Only	Cylindrical shape; 1.834" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	06-98	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
6	Valve Stem Seal	93-91	ST-2043	Std Only	Loc. Exh.; Positive type; (RBB) Rubber		
6	Valve Stem Seal	93-91	ST-2044	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	03-91	245-1562-36	Std Only	Loc. Exh.; 1.567" OD, 1.3125" ID, 0.186" Depth		
6	Seat	03-91	245-2000-1	Std Only	Loc. Int.; 2.0055" OD, 1.75" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	98-91	VK-216	Std Only	1 groove		
24	Keeper, Bulk	98-91	VK-216B	Std Only	1 groove; Carton of 1000		

Jeep Truck (Incl. Jeep, Willys)

6 (cont.)	2006 - 1991; 4.0L 242 OHV L6 (12 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; Jeep; VIN Code S				6 (cont.)
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	02-96	H802CP	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
6	Cast Piston	02-96	H825CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
6	Cast Piston	95-91	677AP	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.585 CD, Recessed Head .116 deep, 0.931" Pin Dia.
6	Cast Piston - Individual	00-96	WH802CP	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
6	Cast Piston - Individual	00-96	WH825CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
6	Cast Piston - Individual	95-91	W677AP	Std-20-30-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.585 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
6	Cast Piston - Individual	95-91	W677CP 30	30	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	02-01	E-925K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	02-96	E-925K	Std-20-30-40-60	Use w/H802CP piston; 2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	00-96	E-234K	Std-20-30-40-60	Use w/H825CP piston; 2-5/64, 1-3/16; Premium Moly
1	Premium Set	95-91	E-234K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Standard Set	02-96	E-234X	Std-20-30-40-60	Use w/H825CP piston; 2-5/64, 1-3/16; Iron
1	Standard Set	95-91	E-234X	Std-20-30-40-60	2-5/64, 1-3/16; Iron
6	Premium Single Cylinder Set	00-96	WE-234K	Std-20-30-40-60	Use w/WH825CP piston; 2-5/64, 1-3/16; Premium Moly.; New Part Number - Check for Availability
6	Premium Single Cylinder Set	95-91	WE-234K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly.; New Part Number - Check for Availability
6	Standard Single Cylinder Set	00-96	WE-234X	Std-20-30-40-60	Use w/WH825CP piston; 2-5/64, 1-3/16; Iron
6	Standard Single Cylinder Set	95-91	WE-234X	Std-20-30-40-60	2-5/64, 1-3/16; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04-91	7211M	Std-10-20-30-40	
1	Rod Set	04-91	6-3310CPA	Std-1-10-20-30-40-50-60	
6	Rod Pair	04-91	3310CPA	Std-1-2-10-20-30-40-50-60	
1	Cam Set	06-02	1921M	Std Only	New Part Number - Check for Availability
1	Cam Set	01-91	1244M	Std-10	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	06-91	224-41198		Replaces pump w/cover having tab & slotted hole
1	Oil Pump	06-91	224-43505		High Volume, check pan for clearance; Incl. screen
1	Pump Repair Kit	06-91	224-51198		Exc. High Volume; Use w/pump having cover w/tab & slotted hole
1	Screen Assy.	06-91	224-14270		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	06-04	260-2005		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	03-01	260-2000		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	00-99	260-1999		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	98-96	260-1998		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95-94	260-1712		Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	93-92	260-1762		Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	91	260-1548		Exh. pipe packing not incl.; Premium valve stem seals incl.
1	Head Bolt Set	06-96	260-2547	Std Only	Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	05-91	381-8084		
1	Steel Block Plug Kit	05-91	381-9674		
1	Steel Deep Cup Freeze Plug	05-91	381-3194		2.000" Diameter
1	Steel Shallow Cup Freeze Plug	05-91	381-2170		2.141" Diameter
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
95-94	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6372	205-1372
95-94	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6372M	205-1372M

Jeep Truck (Incl. Jeep, Willys)

6 (cont.)		2006 - 1991; 4.0L 242 OHV L6 (12 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; Jeep; VIN Code S				6 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
93-92	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6879	205-1879	
93-92	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6879M	205-1879M	
91-91	Exh. pipe packing not incl.; Premium valve stem seals incl.	Re-ring			205-6204	205-1204	
91-91	Exh. pipe packing not incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6204M	205-1204M	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
95-94	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Pistons			MK-7056	----	
93-92	Exh. pipe packing not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Pistons			MK-7055	----	
91-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Premium valve stem seals incl.	Master w/o Rods & Mains			505-6204A	----	
91-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Premium valve stem seals incl.	Master			MKP-6204A	MKP-1204A	
91-91	Exh. pipe packing not incl.; Oil pump & freeze plugs not incl.; Premium valve stem seals incl.	Master w/o Pistons			MK-6204A	MK-1204A	
91-91	Exh. pipe packing not incl.; Premium valve stem seals incl.; Oil pump replaces pump w/cover having tab & slotted hole	Master w/o Pistons			MK-7054	MK-2054	
7		2005 - 1997; 4.0L 242 OHV L6 (12 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; Jeep; VIN Code V				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	05-99	KT3-385SA1		Incl. Cam, Crank, Chain		
1	3 Piece Set	98-97	KT3-385SA		(1) 222-385; (1) 223-808; (1) 223-809		
1	Timing Chain	05-97	222-385		64 Links		
1	Timing Chain Guide	05-97	222-337GP				
1	Crank Sprocket	05-97	223-809		24 teeth; 24 Teeth		
1	Cam Sprocket	98-97	223-808		48 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	05-97	HT-2011	Std Only	Hyd.; w/2 grooves		
12	Lifter	05-97	HT-2011R	Std Only	Speed-Pro Hi-Revolution Hyd.		
12	Lifter, Bulk	05-97	HT-2011B	Std Only	Hyd.; w/2 grooves; Carton of 117		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	05-97	RP-3275	Std Only	9.641" O.A.L.		
12	Push Rod, Bulk	05-97	BRP-3275	Std Only	Carton of 100; 9.641" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	05-97	R-905	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm		
12	Arm Assy., Bulk	05-97	R-905B	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Stamped rocker arm; Carton of 32		
12	Arm	05-97	R-905A	Std Only	Stamped rocker arm		
12	Bridge	05-97	MR-1840	Std Only			
12	Pivot	05-97	MR-1839	Std Only	Pivot only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	05-99	V-4636	Std Only	1.5" Head Dia., 0.3115" Stem Dia., 4.9394" O.A.L.		
6	Intake	05-99	V-4637	Std Only	1.91" Head Dia., 0.3115" Stem Dia., 4.912" O.A.L.		
6	Intake	98-97	V-2527	Std-15	w/radius key groove; 1.91" Head Dia., 0.3115" Stem Dia., 4.911" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	05-98	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	03-97	245-1562-36	Std Only	Loc. Exh.; 1.567" OD, 1.3125" ID, 0.186" Depth		
6	Seat	03-97	245-2000-1	Std Only	Loc. Int.; 2.0055" OD, 1.75" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	98-97	VK-216	Std Only	1 groove		
24	Keeper, Bulk	98-97	VK-216B	Std Only	1 groove; Carton of 1000		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	00-97	H802CP	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.		
6	Cast Piston	00-97	H825CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.		

Jeep Truck (Incl. Jeep, Willys)

7 (cont.)	2005 - 1997; 4.0L 242 OHV L6 (12 Valve), 3.875" Bore; MFI; Gasoline; Naturally Aspirated AMC Eng.; Jeep; VIN Code V					7 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston - Individual	00-97	WH802CP	Std-20-30-40-60	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.	
6	Cast Piston - Individual	00-97	WH825CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.592 CD, Recessed Head .116 deep; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-01	E-925K	Std-20-30-40-60	2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	02-97	E-234K	Std-20-30-40-60	Use w/H825CP piston; 2-5/64, 1-3/16; Premium Moly	
1	Premium Set	02-97	E-925K	Std-20-30-40-60	Use w/H802CP piston; 2-1.50MM, 1-4.00MM; Premium Moly	
1	Standard Set	02-97	E-234X	Std-20-30-40-60	Use w/H825CP piston; 2-5/64, 1-3/16; Iron	
6	Premium Single Cylinder Set	02-97	WE-234K	Std-20-30-40-60	Use w/WH825CP piston; 2-5/64, 1-3/16; Premium Moly.; New Part Number - Check for Availability	
6	Standard Single Cylinder Set	02-97	WE-234X	Std-20-30-40-60	Use w/WH825CP piston; 2-5/64, 1-3/16; Iron	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-97	7211M	Std-10-20-30-40		
1	Rod Set	04-97	6-3310CPA	Std-1-10-20-30-40-50-60		
6	Rod Pair	04-97	3310CPA	Std-1-2-10-20-30-40-50-60		
1	Cam Set	01-97	1244M	Std-10		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-97	224-41198		Replaces pump w/cover having tab & slotted hole	
1	Oil Pump	05-97	224-43505		High Volume, check pan for clearance; Incl. screen	
1	Pump Repair Kit	05-97	224-51198		Exc. High Volume; Use w/pump having cover w/tab & slotted hole	
1	Screen Assy.	05-97	224-14270			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	05-04	260-2005		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	03-01	260-2000		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	00-99	260-1999		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98-97	260-1998		Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	05-97	260-2547	Std Only	Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	05-97	381-8084			
1	Steel Block Plug Kit	05-97	381-9674			
1	Steel Deep Cup Freeze Plug	05-97	381-3194		2.000" Diameter	
1	Steel Shallow Cup Freeze Plug	05-97	381-2170		2.141" Diameter	
8	2009 - 1999; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code N					8
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Complete Set	02-99	KT-4001S		JTECH PMC's Only (3 Plug); Incl. sprockets, chains, tensioners, arms & guides	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	09	HT-2308	Std Only	New Part Number - Check for Availability	
16	Lifter	07-99	HT-2271	Std Only	Hyd. lash adj.	
16	Lifter, Bulk	07-99	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	09-05	V-4717	Std Only	Chrome plated stem; 1.4570" Head Dia., 0.2722" Stem Dia., 4.5390" O.A.L.	
8	Exhaust	04-99	V-4678	Std Only	HO; 3 groove; 1.457" Head Dia., 0.2722" Stem Dia., 4.539" O.A.L.	
8	Intake	09-06	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.	
8	Intake	04-99	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	07-99	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
8	Cast Piston	07-99	H883CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.	
8	Cast Piston - Individual	07-99	WH883CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	05-99	E-968K	Std-25-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	

Jeep Truck (Incl. Jeep, Willys)

8 (cont.)		2009 - 1999; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code N				8 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	09-99	7352MA	Std.-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	09-99	4706F	Std Only			
1	Rod Set	09-07	8-4835A	Std.-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	09-07	8-4835A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
1	Rod Set	05-99	8-4835A	Std.-25-50-75MM	A-Series aluminum bearings		
1	Rod Set	05-99	8-4835A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-06	224-43647				
1	Screen Assy.	07-06	224-15065				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07-04	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	03-99	260-1968		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	09-99	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	08-99	381-8202				
9		2009 - 2007; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code P				9	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	09-08	HT-2308	Std Only	New Part Number - Check for Availability		
16	Lifter	07	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	07	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	09-07	V-4717	Std Only	Chrome plated stem; 1.4570" Head Dia., 0.2722" Stem Dia., 4.5390" O.A.L.		
6	Intake	09-07	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	09-07	VG-1436	Std Only	Loc. Int. & Exh.; 0.2752" ID, 1.7020" O.A.L; New Part Number - Check for Availability		
16	Guide	07	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	07	H883CP	Std.-50-75-1.00MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston - Individual	07	WH883CP	Std Only	Cast; 2 - , 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	09-07	7352MA	Std.-25-50MM	A-Series aluminum bearings		
1	Rod Set	09-07	8-4835A	Std.-25-50-75MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07	224-43647				
1	Screen Assy.	07	224-15065				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	07	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	09-07	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	08-07	381-8202				
10		2004 - 2002; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore H.O.; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code J				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	04-02	KT-4001S		Incl. sprockets, chains, tensioners, arms & guides		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	04-02	HT-2271	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	04-02	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	04-02	V-4678	Std Only	HO; 3 groove; 1.457" Head Dia., 0.2722" Stem Dia., 4.539" O.A.L.		
8	Intake	04-02	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		

Jeep Truck (Incl. Jeep, Willys)

10 (cont.)	2004 - 2002; 4.7L 287 (4703cc) SOHC V8 (16 Valve), 93mm Bore H.O.; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code J				10 (cont.)
VALVETRAIN					
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION
16	Guide	04-02	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	04-02	H1103CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Domed Head, 24.028mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	04-02	E-968K	Std-.25-.50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	04-02	7352MA	Std-.25-.50MM	A-Series aluminum bearings
1	Thrust Washer Set	04-02	4706F	Std Only	
1	Rod Set	04-02	8-4835A	Std-.25-.50-.75MM	A-Series aluminum bearings
1	Rod Set	04-02	8-4835A 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	04-02	224-43647		
1	Screen Assy.	04-02	224-15065		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	04	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	03-02	260-1968		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
2	Head Bolt Set	04-02	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	04-02	381-8202		
11	1998 - 1993; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				11
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	98-93	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721
1	Timing Chain	98-93	222-380		Silent type; 68 Links
1	Crank Sprocket	98-93	223-721		Single row; Use w/silent type chain; 23 Teeth
1	Cam Sprocket	98-93	223-712		Single row; Use w/silent type chain; 46 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	98-95	CS-1568		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 193 Exh., 184 Int., 112 Degrees Lobe Separation
1	Camshaft	94-93	CS-1558		Hydraulic Roller, (050) Duration at .050 Lobe Lift, 259 Exh., 270 Int., 114 Degrees Lobe Separation
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	98-93	HT-2269	Std Only	Hyd. rlr.
16	Lifter, Bulk	98-93	HT-2269B	Std Only	Hyd. rlr.; Carton of 117
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	98-95	KC-1568		Hyd. rlr.; (1) 55-403B; (1) CS-1568; (16) HT-2269
1	Cam/Lifter Kit	94-93	KC-1558		Hyd. rlr.; (1) 55-403B; (1) CS-1558; (16) HT-2269
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	98-93	RP-3333	Std Only	Hole through rod; 6.9" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
16	Arm Assy.	98-93	R-1095	Std Only	Incl. arm & pivot
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	98-93	V-2654	Std-15	1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.
8	Exhaust, Bulk	98-93	V-2654B 15	15	1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.
8	Intake	98-93	V-3954	Std-15	1 groove; 1.92" Head Dia., 0.3115" Stem Dia., 4.905" O.A.L.
8	Intake, Bulk	98-93	V-3954B 15	15	1 groove; Carton of 25; 1.92" Head Dia., 0.3265" Stem Dia., 4.905" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	98-93	VS-1456	Std Only	Conical design; 2.016" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	98-93	ST-2122	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	98-93	245-1687-16	Std Only	Loc. Exh.; 1.6925" OD, 1.4375" ID, 0.186" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	98-93	VK-216	Std Only	1 groove
32	Keeper, Bulk	98-93	VK-216B	Std Only	1 groove; Carton of 1000
16	Spring Insert	98-93	259-103A	Std Only	.060"; ID 1.030"; Carton of 100
16	Spring Insert	98-93	259-103ARS	Std Only	.060"; ID 1.030"; Carton of 500

Jeep Truck (Incl. Jeep, Willys)

11 (cont.)		1998 - 1993; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				11 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION		
16	Spring Insert	98-93	259-103B	Std Only	.030"; ID 1.030"; Carton of 100		
16	Spring Insert	98-93	259-103BRS	Std Only	.030"; ID 1.030"; Carton of 500		
16	Spring Insert	98-93	259-103C	Std Only	.015"; ID 1.030"; Carton of 100		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
8	Cast Piston	98-93	H814CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		
8	Cast Piston	93	526AP	Std-20-30-40-60	2 -, 5/64 Groove, 1 - 3/16 Groove, 1.754 CD, Flat Head -9.0:1 C.R., .9824" Pin Dia.		
8	Cast Piston - Individual	98-93	WH814CP	Std-20-30-40-60	Hypereutectic; 2 -, 5/64 Groove, 1 - 5/32 Groove, 1.755 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.9842" Pin Dia.		
8	Cast Piston - Individual	93	W526AP	Std-40	2 -, 5/64 Groove, 1 - 3/16 Groove, 1.754 CD, Flat Head -9.0:1 C.R., .9824" Pin Dia.		
8	Cast Piston - Individual	93	W526P	Std-40	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.745 CD, Flat Head - 9.0:1 C.R., 0.9842" Pin Dia.; Superseded - When depleted use W526AP		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98-93	E-642K	Std-20-30-40-60	2-5/64, 1-5/32; Premium Moly		
1	Premium Set	93	E-178K	Std-20-30-40-60	Use w/526P piston; 2-5/64, 1-3/16; Premium Moly		
1	Standard Set	93	E-178X	Std-20-30-40-60	Use w/526P piston; 2-5/64, 1-3/16; Iron		
8	Premium Single Cylinder Set	93	WE-178K	Std-20-30-40-60	Use w/W526P piston; 2-5/64, 1-3/16; Premium Moly		
8	Standard Single Cylinder Set	93	WE-178X	Std-20-30-40-60	Use w/W526P piston; 2-5/64, 1-3/16; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98-93	5095MA	Std-10-20-30	A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved		
1	Main Set	98-93	7381MA 10X20	10X20	A-Series aluminum bearings; Use in .020" O/S OD		
1	Rod Set	98-93	8-2130CP	Std-1-10-20-30-40-50	8-2130CA 60 avail. as unplated & resizeable		
1	Rod Set	98-93	8-2130CP 10X2	10X2	Use in .002" O/S Rod Bore		
1	Rod Set	98-93	8-2130CA 60	60	Unplated & resizeable		
8	Rod Pair	98-93	2130CP	Std-1-2-10-20-30-40			
1	Cam Set	98-93	1484M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	98-93	224-4166				
1	Oil Pump	98-93	224-4166V		High Volume, check pan for clearance		
1	Inter. Shaft	98-93	224-6166				
1	Screen Assy.	98-93	224-14277				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	98-97	260-1915		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	96-93	260-1708		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	98-93	381-8010				
1	Steel Block Plug Kit	98-93	381-4014				
1	Brass Deep Cup Freeze Plug	98-93	381-9001		1.625" Diameter		
1	Brass Shallow Cup Freeze Plug	98-93	381-7110		1.250" Diameter		
1	Steel Disc Type Freeze Plug	98-93	381-1020		1.875" Diameter		
1	Steel Shallow Cup Freeze Plug	98-93	381-2189		15mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6334	----	
96-93	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 brg. full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6334M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-95	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master	MKP-6366	----	
94-93	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain			Master	MKP-6334	----	
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain; Incl. A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved			Master	MKP-7067	----	

Jeep Truck (Incl. Jeep, Willys)

11 (cont.)		1998 - 1993; 5.2L 318 OHV V8 (16 Valve), 3.9063" Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Y				11 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-95	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master w/o Pistons			MK-6366	----	
94-93	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Cam/lifter kit not incl.; Incl. silent type chain	Master w/o Pistons			MK-6334	----	
94-93	Incl. A-Series aluminum bearings; w/3.530" max. flange OD; Pos. 1 brg. full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master w/o Pistons			MK-7067	----	
96-95	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master w/o Rods & Mains			505-6366	----	
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Cam/lifter kit not incl.; Incl. silent type chain	Master w/o Rods & Mains			505-6334	----	
94-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. silent type chain	Master w/o Rods & Mains			505-7067	----	
96-93	PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; 3.530" max. flange OD; Pos. 1 bearing full grooved	Block Kit w/Premium Rings			BK-6239	----	
96-93	Incl. A-Series aluminum bearings; w/3.530" max. brg. flange OD; Pos. 1 bearing full grooved; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs			BKP-6239	----	
12		2008 - 2005; 5.7L 345 (5654cc) OHV V8 (16 Valve), 99.5mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 2				12	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	08-05	V-4682	Std Only	Chrome plated stem; 1.551" Head Dia., 0.3126" Stem Dia., 4.844" O.A.L.		
8	Intake	08-05	V-4709	Std Only	Chrome plated stem; 2" Head Dia., 0.3128" Stem Dia., 4.929" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	08-05	245-1625-62	Std Only	Loc. Exh.; 1.632" OD, 1.32" ID, 0.3" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	06	H883CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston	06	H883CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
8	Cast Piston	06-05	H899CT	Std-25-.50-.75-1.00-1.50 MM	Hypereutectic; 1 -, 1.50 Groove, 1 - 1.50 Groove, 1 - 3.00 Groove, 1.205 CD, Domed Head .093 high x 2.630 dia.; DUROSHIELD® skirt coated piston; Thermoshield coating on the head and in the top compression groove, 24.016mm Pin Dia.		
8	Cast Piston - Individual	06	WH883CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		
6	Cast Piston - Individual	06	WH883CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Cam Set	07-06	1920M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	08-05	224-43665				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	06-05	260-1957		Head bolts not incl.; RTV sealant incl. for thermostat gskt.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
13		1998; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code Z				13	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	98	KT3-380S		Incl. silent type chain; (1) 222-380; (1) 223-712; (1) 223-721		
1	Timing Chain	98	222-380		Silent type; 68 Links		
1	Crank Sprocket	98	223-721		Single row; Use w/silent type chain; 23 Teeth		
1	Cam Sprocket	98	223-712		Single row; Use w/silent type chain; 46 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	98	HT-2269	Std Only	Hyd. rlr.		
16	Lifter, Bulk	98	HT-2269B	Std Only	Hyd. rlr.; Carton of 117		

Jeep Truck (Incl. Jeep, Willys)

13 (cont.) **1998; 5.9L 360 OHV V8 (16 Valve), 4" Bore L/D; MFI; Gasoline; Naturally Aspirated** **13 (cont.)**
Chrysler Eng.; VIN Code Z

VALVETRAIN

QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION
16	Arm Assy.	98	R-1095	Std Only Loc. L.H. & R.H.; Incl. arm & pivot
QTY	VALVE	YEARS	PART NO.	DESCRIPTION
8	Exhaust	98	V-2654	Std-15 Radius shaped key groove; 1 groove; 1.624" Head Dia., 0.3115" Stem Dia., 4.92" O.A.L.
8	Exhaust, Bulk	98	V-2654B 15	15 Radius shaped key groove; 1 groove; Carton of 25; 1.624" Head Dia., 0.3265" Stem Dia., 4.92" O.A.L.
8	Intake	98	V-3954	Std-15 Radius shaped key groove; 1 groove; 1.92" Head Dia., 0.3115" Stem Dia., 4.905" O.A.L.
8	Intake, Bulk	98	V-3954B 15	15 Radius shaped key groove; 1 groove; Carton of 25; 1.92" Head Dia., 0.3265" Stem Dia., 4.905" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION
8	Guide	98	VG-5062	Std Only Loc. Int.; 0.3735" ID, 2.38" O.A.L.
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION
8	Seat	98	245-1687-16	Std Only Loc. Exh.; 1.6925" OD, 1.4375" ID, 0.186" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION
16	Keeper	98	VK-216	Std Only Loc. Int. & Exh.; 1 groove
16	Keeper, Bulk	98	VK-216B	Std Only Loc. Int. & Exh.; 1 groove; Carton of 1000

BLOCK

QTY	RINGS	YEARS	PART NO.	DESCRIPTION
1	Premium Set	98	E-908K	Std-20-30-40-60 2-1.50MM, 1-4.00MM; Premium Moly
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
1	Main Set	98	4999MA	Std-1-10-20-30 A-Series aluminum bearings; w/3.910" max. flange OD
1	Rod Set	98	8-2130CP	Std-1-10-20-30-40-50 8-2130CA 60 avail. as unplated & resizeable
1	Rod Set	98	8-2130CA 60	60 Unplated & resizeable
8	Rod Pair	98	2130CP	Std-1-2-10-20-30-40
1	Cam Set	98	1484M	Std Only
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	98	224-4166	
1	Oil Pump	98	224-4166V	High Volume, check pan for clearance
1	Inter. Shaft	98	224-6166	
1	Screen Assy.	98	224-14277	
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Kit Gasket Set	98	260-1865	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION
1	Brass Block Plug Kit	98	381-8010	
1	Steel Block Plug Kit	98	381-4014	
1	Brass Deep Cup Freeze Plug	98	381-9001	1.625" Diameter
1	Brass Shallow Cup Freeze Plug	98	381-7110	1.250" Diameter
1	Steel Disc Type Freeze Plug	98	381-1020	1.875" Diameter
1	Steel Shallow Cup Freeze Plug	98	381-2189	15mm Diameter

KITS

RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6378B	----
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; w/3.910" max. brg. flange OD		Re-ring w/Mains	205-6378BM	----

14 **1993 - 1991; 5.9L 360 OHV V8 (16 Valve), 4.08" Bore; 2 Bbl.; Gasoline; Naturally Aspirated AMC Eng.; VIN Code 7** **14**

VALVETRAIN

QTY	TIMING	YEARS	PART NO.	DESCRIPTION
1	3 Piece Set	93-91	KT3-369S	1/2" wide timing sprocket teeth; Can be used as complete set to replace earlier 5/8" wide timing drives; (1) 222-369; (1) 223-512; (1) 223-515
1	Cam Sprocket	93-91	223-512	Use w/1/2" wide chain; 46 Teeth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION
1	Camshaft	93-91	CS-646	Hydraulic, (050) Duration at .050 Lobe Lift, 196 Exh., 196 Int., 110 Degrees Lobe Separation
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only 1.5 oz. packet
16	Lifter	93-91	HT-2011	Std Only Hyd.; w/2 grooves
16	Lifter	93-91	HT-2011R	Std Only Speed-Pro Hi-Revolution Hyd.
16	Lifter, Bulk	93-91	HT-2011B	Std Only Hyd.; w/2 grooves; Carton of 117

Jeep Truck (Incl. Jeep, Willys)

14 (cont.)	1993 - 1991; 5.9L 360 OHV V8 (16 Valve), 4.08" Bore; 2 Bbl.; Gasoline; Naturally Aspirated AMC Eng.; VIN Code 7				14 (cont.)
VALVETRAIN					
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION
1	Cam/Lifter Kit	93-91	KC-646		Hyd.; (1) 55-403B; (1) CS-646; (16) HT-2011
1	Cam/Lifter/Timing Kit	93-91	KCT-646A		Hyd.; Incl. timing set w/1/2" wide teeth; Can be used as complete set to replace earlier 5/8" wide timing drives; (1) 55-403B; (1) CS-646; (16) HT-2011; (1) KT3-369S
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION
16	Push Rod	93-91	RP-3093	Std Only	7.794" O.A.L.
16	Push Rod	93-91	RP-3212R	Std-100-150-200	Chrome-Moly; 7.79" O.A.L.
16	Push Rod, Bulk	93-91	BRP-3093	Std Only	Carton of 100; 7.794" O.A.L.
16	Push Rod, Bulk	93-91	BRP-3212R	Std-100	Chrome-Moly; Carton of 100; 7.79" O.A.L.
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
8	Arm Assy.	93-91	R-875	Std Only	Incl. 2-arms, 2-pivots & 1-bridge
8	Arm Assy., Bulk	93-91	R-875B	Std Only	Incl. 2-arms, 2-pivots & 1-bridge; Carton of 32
8	Arm	93-91	R-875A	Std Only	
8	Bridge	93-91	MR-1840	Std Only	
8	Pivot	93-91	MR-1839	Std Only	Pivot only
8	Pivot	93-91	MR-1909	Std Only	Incl. 2-pivots & 1-bridge
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	93-91	V-2024	Std Only	4 groove; Chrome plated stem; 1.68" Head Dia., 0.3721" Stem Dia., 4.909" O.A.L.
8	Exhaust, Bulk	93-91	V-2024B	Std Only	4 groove; Chrome plated stem; Carton of 25; 1.68" Head Dia., 0.3721" Stem Dia., 4.909" O.A.L.
8	Intake	93-91	V-1979	Std Only	4 groove; 2.026" Head Dia., 0.3719" Stem Dia., 4.898" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	93-91	VG-5062	Std Only	0.3735" ID, 2.38" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
16	Spring	93-91	VS-743	Std Only	Loc. Int. & Exh.; 1.99" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	93-91	ST-2002	Std Only	Installation requires valve guide machining; (PLY) Polyacrylate
16	Valve Stem Seal Bulk	93-91	ST-2002BC	Std Only	Positive type; Installation requires valve guide machining; Carton of 100; (PLY) Polyacrylate
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
8	Seat	93-91	245-1750-3	Std Only	Loc. Exh.; 1.7555" OD, 1.4375" ID, 0.216" Depth
8	Seat	93-91	245-1750-3N	Std Only	Loc. Exh.; Premium Material; 1.7555" OD, 1.4375" ID, 0.216" Depth
8	Seat	93-91	245-2125-1	Std Only	Loc. Int.; 2.1305" OD, 1.8125" ID, 0.248" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
32	Keeper	93-91	VK-174	Std Only	4 groove
32	Keeper	93-91	VK-174R	Std Only	4 groove; Hardened
16	Spring Insert	93-91	259-203A	Std Only	.060"; Carton of 100
16	Spring Insert	93-91	259-203ARS	Std Only	.060"; Carton of 500
16	Spring Insert	93-91	259-203B	Std Only	.030"; Carton of 100
16	Spring Insert	93-91	259-203BRS	Std Only	.030"; Carton of 500
16	Spring Insert	93-91	259-203C	Std Only	.015"; Carton of 100
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
8	Cast Piston	93-91	362NCP 40	40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.581 CD, Recessed Head .190 deep x 3.640 dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.931" Pin Dia.
8	Cast Piston	93-91	362NP	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.581 CD, Recessed Head .190 deep x 3.640 dia. w/4 valve reliefs - 9.0:1 C.R., 0.931" Pin Dia.
8	Cast Piston - Individual	93-91	W362NP	Std-20-30-40-60	Cast; 2 -, 5/64 Groove, 1 - 3/16 Groove, 1.581 CD, Recessed Head .190 deep x 3.640 dia. w/4 valve reliefs - 9.0:1 C.R., 0.931" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-301K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
1	Standard Set	93-91	E-301X	Std-20-30-40-60	2-5/64, 1-3/16; Iron
8	Premium Single Cylinder Set	93-91	WE-301K	Std-20-30-40-60	2-5/64, 1-3/16; Premium Moly
8	Standard Single Cylinder Set	93-91	WE-301X	Std-20-30-40-60	2-5/64, 1-3/16; Iron
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	5037M	Std-1-10-20-30	
1	Rod Set	93-91	8-3310CPA	Std-10-20-30-40	
8	Rod Pair	93-91	3310CPA	Std-1-2-10-20-30-40-50-60	
1	Cam Set	93-91	1401M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Pump Repair Kit	93-91	224-51285		
1	Screen Assy.	93-91	224-14161		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION

Jeep Truck (Incl. Jeep, Willys)

14 (cont.)		1993 - 1991; 5.9L 360 OHV V8 (16 Valve), 4.08" Bore; 2 Bbl.; Gasoline; Naturally Aspirated AMC Eng.; VIN Code 7							14 (cont.)	
BLOCK										
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION						
1	Kit Gasket Set	93-91	260-1151	Int. manifold gskt. not incl.; Premium valve stem seals incl.						
1	Valley Pan Gasket Set	93-91	260-4008							
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION						
1	Brass Block Plug Kit	91	381-8001							
1	Steel Shallow Cup Freeze Plug	91	381-2170	2.141" Diameter						
KITS										
RE-RING KIT										
YEARS	DESCRIPTION							PREMIUM KIT NO.	STANDARD KIT NO.	
93-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.							205-715	205-215	
93-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.							205-715M	205-215M	
OVERHAUL KIT										
YEARS	DESCRIPTION							PREMIUM KIT NO.	STANDARD KIT NO.	
93-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.							BK-6198	----	
91-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.; Incl. 1/2" wide timing sprocket teeth; Can be used as complete set to replace earlier 5/8" wide timing drives							MKP-715A	MKP-215A	
91-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.; Incl. 1/2" wide timing sprocket teeth; Can be used as complete set to replace earlier 5/8" wide timing drives							MK-715A	MK-215A	
91-91	Int. manifold gskt. not incl.; Premium valve stem seals incl.; Incl. 1/2" wide timing sprocket teeth; Can be used as complete set to replace earlier 5/8" wide timing drives							505-715A	505-215A	
15		2008 - 2006; 6.1L 370 (6059cc) OHV V8 (16 Valve), 103mm Bore Hemi; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code 3							15	
BLOCK										
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION						
1	Main Set	08-06	7419M	Std.-25-50MM						
1	Thrust Washer Set	08-06	4961F	Std Only						
1	Rod Set	08-06	8-4960P	Std.-25-50MM						
1	Cam Set	07-06	1920M	Std Only						

Jensen - See British Leyland

Kia Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.6L	97.3	1594cc	DOHC L4	78mm	16	Kia Eng.		B6		MFI/Gasoline	2005-2003	1
1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.		B6-ZE		MFI/Gasoline	1997-1995	2
1.6L	97.5	1597cc	SOHC L4	78mm	16	Mazda Eng.		B6		MFI/Gasoline	1995	3
1.6L	97.5	1597cc	SOHC L4	78mm	8	Mazda Eng.		B6		MFI/Gasoline	1995-1994	4
1.8L	109.4	1793cc	DOHC L4	81mm	16	Kia Eng.		T8		MFI/Gasoline	2002-1998	5
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		BP-ZE		MFI/Gasoline	1997-1995	6
2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		G4JS		MFI/Gasoline	2006-2001	7
2.5L	152.0	2493cc	DOHC V6	84mm	24	Hyundai Eng.		G6BV		MFI/Gasoline	2001	8
3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		G6CU		MFI/Gasoline	2006-2004	9
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
B6	1.6L	97.3	1594cc	DOHC L4	78mm	16	Kia Eng.		MFI/Gasoline	2005-2003	1	
B6	1.6L	97.5	1597cc	SOHC L4	78mm	16	Mazda Eng.		MFI/Gasoline	1995	3	
B6	1.6L	97.5	1597cc	SOHC L4	78mm	8	Mazda Eng.		MFI/Gasoline	1995-1994	4	
B6-ZE	1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.		MFI/Gasoline	1997-1995	2	
BP-ZE	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	1997-1995	6	
G4JS	2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2006-2001	7	
G6BV	2.5L	152.0	2493cc	DOHC V6	84mm	24	Hyundai Eng.		MFI/Gasoline	2001	8	
G6CU	3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	2006-2004	9	
T8	1.8L	109.4	1793cc	DOHC L4	81mm	16	Kia Eng.		MFI/Gasoline	2002-1998	5	

1	2005 - 2003; 1.6L 1594cc DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Kia Eng.; Eng. Code B6				1
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Belt Idler	05-03	222-214BT		
2	1997 - 1995; 1.6L 1597cc DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6-ZE				2
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	97	222-B185	Square tooth	
1	Timing Belt	97-95	222-B179		
1	Timing Belt	96-95	222-B185	Square tooth	
1	Timing Belt Tensioner	97-95	222-213BT		
1	Timing Belt & Tensioner Set	97-96	BTS-185	Square tooth	
1	Belt Idler	97-95	222-214BT		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	97-95	HT-2276	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	97-95	V-4361	Std Only	Chrome plated stem; 1.031" Head Dia., 0.235" Stem Dia., 4.15" O.A.L.
8	Intake	97-95	V-4360	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2345" Stem Dia., 4.148" O.A.L.
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	97-95	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth
8	Seat	97-95	245-1250-61	Std Only	Loc. Int.; 1.257" OD, 0.976" ID, 0.18" Depth
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-95	7204M	Std.-25-.50-.75MM	
1	Thrust Washer Set	97-95	4176AF	Std Only	
1	Rod Set	97-95	4-4175CP	Std.-25-.50-.75MM	
3	1995; 1.6L 1597cc SOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6				3
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	95	222-B185	Square tooth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	95	HT-2254	Std Only	Hyd. lash adj.
16	Lifter, Bulk	95	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	95	V-4362	Std Only	Chrome plated stem; 0.927" Head Dia., 0.2353" Stem Dia., 4.1319" O.A.L.
8	Intake	95	V-4359	Std Only	Chrome plated stem; 1.161" Head Dia., 0.235" Stem Dia., 4.088" O.A.L.
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	95	ST-2116	Std Only	Positive type; (SLC) Silicone
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	95	VK-284	Std Only	
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	95	7204M	Std.-25-.50-.75MM	
1	Thrust Washer Set	95	4176AF	Std Only	
1	Rod Set	95	4-4175CP	Std.-25-.50-.75MM	
4	1995 - 1994; 1.6L 1597cc SOHC L4 (8 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6				4
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	95	222-B179		
1	Timing Belt	95-94	222-B185	Square tooth	
1	Belt Idler	95	222-214BT		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	95-94	CS-841	Hydraulic, (050) Duration at .050 Lobe Lift, 205 Exh., 205 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
16	Lifter	95-94	HT-2254	Std Only	Hyd. lash adj.
16	Lifter, Bulk	95-94	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	95-94	KC-841	Hyd. lash adj.; (1) 55-403B; (1) CS-841; (8) HT-2254	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
1	Rocker Shaft	94	RS-731	Std Only	Loc. Int.

Kia Car

4 (cont.)		1995 - 1994; 1.6L 1597cc SOHC L4 (8 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6				4 (cont.)	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	95-94	V-2590	Std Only	1.26" Head Dia., 0.2745" Stem Dia., 4.043" O.A.L.		
4	Intake	95-94	V-2592	Std Only	1.495" Head Dia., 0.2749" Stem Dia., 4.086" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	95-94	VG-899	Std Only	Loc. Int. & Exh.; 0.275" ID, 1.97" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	95-94	ST-2082	Std Only	Exc. Calif.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	94	245-1437-66	Std Only	Loc. Exh.; 1.4445" OD, 1.12" ID, 0.3" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	94	541P 1.00MM	1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.230 CD, Recessed Head .020 deep x 2.580 dia., 0.7865" Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-94	7204M	Std.-25.-50.-75MM			
1	Thrust Washer Set	95-94	4176AF	Std Only			
1	Rod Set	95-94	4-4175CP	Std.-25.-50.-75MM			
5		2002 - 1998; 1.8L 1793cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Kia Eng.; Eng. Code T8				5	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	02-98	HT-2276	Std Only			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	02-98	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L		
8	Guide	02-98	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-98	ST-2116	Std Only	Loc. Int. & Exh.; Positive type; (SLC) Silicone		
6		1997 - 1995; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-ZE				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	97-96	222-B185		Square tooth		
1	Timing Belt	97-95	222-B179				
1	Timing Belt Tensioner	97-95	222-213BT				
1	Belt Idler	97-95	222-214BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	97-95	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	97-95	V-4366	Std Only	Chrome plated stem; 1.103" Head Dia., 0.235" Stem Dia., 3.997" O.A.L.		
8	Intake	97-95	V-4364	Std Only	Chrome plated stem; 1.298" Head Dia., 0.235" Stem Dia., 3.99" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	97-95	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L		
8	Guide	97-95	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	97-95	VS-949	Std Only	Loc. Int. & Exh.; 1.85" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	97-95	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
16	Valve Stem Seal	97-95	ST-2116	Std Only	Positive type; (SLC) Silicone		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	97-95	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
8	Seat	97-95	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	97-95	VK-285	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-95	E-615KC	Std.-50.-75MM	Use w/H583P piston; 2-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	97-95	WE-615KC	Std Only	Use w/WH583P piston; 2-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-95	7204M	Std.-25.-50.-75MM			
1	Thrust Washer Set	97-95	4176AF	Std Only			
1	Rod Set	97-95	4-4175CP	Std.-25.-50.-75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-95	224-43590				

7		2006 - 2001; 2.4L 2351cc DOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4JS								7	
VALVETRAIN											
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION						
16	Lifter	06-01	HT-2274	Std Only	Hyd. lash adj.						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
8	Exhaust	03-01	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N						
8	Exhaust	03-01	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability						
8	Intake	03-01	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N						
8	Intake	03-01	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
8	Guide	03-01	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L						
8	Guide	03-01	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION						
8	Valve Stem Seal	03-01	ST-2056	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber						
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION						
32	Keeper	03-01	VK-230	Std Only							
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Main Set	03-01	7415M	Std-.25MM							
1	Thrust Washer Set	03-01	4709F	Std Only							
8		2001; 2.5L 2493cc DOHC V6 (24 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Hyundai Eng.; Eng. Code G6BV								8	
VALVETRAIN											
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION						
24	Lifter	01	HT-2276	Std Only							
9		2006 - 2004; 3.5L 3497cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6CU								9	
VALVETRAIN											
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION						
24	Lifter	06-04	HT-2274	Std Only	Hyd. lash adj.						

Kia Minivans - See Kia Truck

Kia SUV's - See Kia Truck

Kia Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	122.0	1998cc	DOHC L4	86mm	16	Mazda Eng.		FED		MFI/Gasoline	2002-1995	1
2.0L	122.0	1998cc	SOHC L4	86mm	8	Mazda Eng.		FE		MFI/Gasoline	1995	2
3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		G6CU		MFI/Gasoline	2006-2003	3
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
FE	2.0L	122.0	1998cc	SOHC L4	86mm	8	Mazda Eng.		MFI/Gasoline	1995	2	
FED	2.0L	122.0	1998cc	DOHC L4	86mm	16	Mazda Eng.		MFI/Gasoline	2002-1995	1	
G6CU	3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	2006-2003	3	
1		2002 - 1995; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code FED								1		
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Timing Belt Tensioner	02-96	222-166BT									
1	Timing Belt Tensioner	95	222-166BT									
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION								

Kia Truck (Incl. Minivans and SUV's)

1 (cont.)		2002 - 1995; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code FED					1 (cont.)	
VALVETRAIN								
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION			
16	Lifter	01-96	HT-2292	Std Only				
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
8	Guide	02-95	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L.			
BLOCK								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	99-96	6692M	Std-25-50-75MM				
2		1995; 2.0L 1998cc SOHC L4 (8 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code FE					2	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	95	222-B75817					
1	Timing Belt Tensioner	95	222-166BT					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
1	Camshaft	95	CS-1521		Hydraulic, (050) Duration at .050 Lobe Lift, 212 Exh., 212 Int.			
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.			
1	Prelube		55-403	Std Only	1.5 oz. packet			
8	Lifter	95	HT-2254	Std Only	Hyd. lash adj.			
8	Lifter, Bulk	95	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
4	Exhaust	95	V-2345	Std Only	Nitrided stem; 1.417" Head Dia., 0.3163" Stem Dia., 4.397" O.A.L.			
4	Intake	95	V-2344	Std Only	Nitrided stem; 1.7323" Head Dia., 0.3165" Stem Dia., 4.4094" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
8	Guide	95	VG-713	Std Only	Loc. Int. & Exh.; 0.3183" ID, 1.99" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
8	Spring	95	VS-848	Std Only	Loc. Outer; 2.041" Free Height			
8	Spring	95	VS-849	Std Only	Loc. Inner; 1.72" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
8	Valve Stem Seal	95	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
4	Seat	95	245-1500-54	Std Only	Loc. Exh.; 1.325" ID top taper; 1.507" OD, 1.18" ID, 0.307" Depth			
4	Seat	95	245-1812-50	Std Only	Loc. Int.; 1.8195" OD, 1.49" ID, 0.307" Depth			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
16	Keeper	95	VK-208	Std Only	Loc. Int. & Exh.			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	95	E-542K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly			
1	Premium Set	95	E-542KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
1	Standard Set	95	E-542X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron			
4	Premium Single Cylinder Set	95	WE-542KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	95	6692M	Std-25-50-75MM				
1	Rod Set	95	4-3975P	Std-25-50-75-1.00MM				
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	95	224-41994					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	95	260-1820		Exh. manifold gskt. not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
3		2006 - 2003; 3.5L 3497cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G6CU					3	
VALVETRAIN								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
24	Lifter	06-04	HT-2274	Std Only	Hyd. lash adj.			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
48	Keeper	03	VK-230	Std Only				

Lada Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.3L	78.6	1288cc	SOHC L4	76mm	8	Lada Eng.				2 Bbl./Gasoline	1993-1991	1

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.5L	91.5	1499cc	SOHC L4	82mm	8	Lada Eng.				2 Bbl./Gasoline	1993-1991	2
1	1993 - 1991; 1.3L 1288cc SOHC L4 (8 Valve), 76mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Lada Eng.										1	
VALVETRAIN												
QTY	TIMING		YEARS	PART NO.	DESCRIPTION							
1	Timing Belt		93-91	222-B49624								
2	1993 - 1991; 1.5L 1499cc SOHC L4 (8 Valve), 82mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Lada Eng.										2	
VALVETRAIN												
QTY	TIMING		YEARS	PART NO.	DESCRIPTION							
1	Timing Belt		93-91	222-B49624								

Lada SUV's - See Lada Truck

Lamborghini SUV's - See Lamborghini Truck

Lancia - See Fiat

Land Rover SUV's - See Land Rover Truck

Lexus Car - See Toyota Car

Lexus SUV's - See Toyota Truck

Lincoln Car - See Ford Car

Lincoln SUV's - See Ford Truck

Lincoln Truck - See Ford Truck

Mazda Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.5L	90.8	1489cc	DOHC L4	75.3mm	16	Mazda Eng.		Z5-DE		MFI/Gasoline	1998-1995	1
1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.		B6-ZE		MFI/Gasoline	1996-1991	2
1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.		ZM-DE		MFI/Gasoline	2002-1999	3
1.6L	97.5	1597cc	SOHC L4	78mm	16	Mazda Eng.		B6		MFI/Gasoline	1993-1992	4
1.6L	97.5	1597cc	SOHC L4	78mm	8	Mazda Eng.		B6		MFI/Gasoline	1994-1991	5
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		BP-4W		MFI/Gasoline	2000-1999	6
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		BP-Z3		MFI/Gasoline	2005-2001	7
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		BP-Z3T		MFI/Gasoline	2005-2004	8
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		BP-ZE		MFI/Gasoline	1998-1991	9
1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		FP-ZE		MFI/Gasoline	2001-1999	10
1.8L	112.2	1839cc	SOHC L4	83mm	16	Mazda Eng.		BP-ZD		MFI/Gasoline	1996-1991	11
1.8L	112.5	1844cc	DOHC V6	75mm	24	Mazda Eng.		K8-ZE		MFI/Gasoline	1995-1992	12
2.0L	121.5	1991cc	DOHC L4	83mm	16	Mazda Eng.		FS-DE		MFI/Gasoline	2003-1993	13
2.0L	121.5	1991cc	DOHC L4	83mm	16	Mazda Eng.		FS-DET		MFI/Gasoline	2003	14
2.0L	122.0	1999cc	DOHC L4	87.5mm	16	Ford Eng.		LFD		MFI/Gasoline	2008-2004	15
2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.		F2		MFI/Gasoline	1992-1991	16
2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.		F2-T		MFI/Gasoline	1992-1991	17
2.3L	137.5	2254cc	DOHC V6	80.3mm	24	Mazda Eng.		EJ		MFI/Gasoline	2002-1995	18
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.		MZR		MFI/Gasoline	2007-2003	19
2.5L	152.0	2497cc	DOHC V6	84.5mm	24	Mazda Eng.		KL-ZE		MFI/Gasoline	2002-1993	20
3.0L	180.3	2954cc	DOHC V6	90mm	24	Mazda Eng.		JE-27		MFI/Gasoline	1991	21
3.0L	180.3	2954cc	DOHC V6	90mm	24	Mazda Eng.		JE-48		MFI/Gasoline	1995-1992	22
3.0L	180.3	2954cc	DOHC V6	90mm	24	Mazda Eng.		JE-ZE		MFI/Gasoline	1995-1991	23
3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		JE		MFI/Gasoline	1991	24
3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		JE-39		MFI/Gasoline	1991	25
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.		MZI		MFI/Gasoline	2005-2003	26

Mazda Car

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
B6	1.6L	97.5	1597cc	SOHC L4	78mm	16	Mazda Eng.		MFI/Gasoline	1993-1992	4
B6	1.6L	97.5	1597cc	SOHC L4	78mm	8	Mazda Eng.		MFI/Gasoline	1994-1991	5
B6-ZE	1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.		MFI/Gasoline	1996-1991	2
BP-4W	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	2000-1999	6
BP-Z3	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	2005-2001	7
BP-Z3T	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	2005-2004	8
BP-ZD	1.8L	112.2	1839cc	SOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	1996-1991	11
BP-ZE	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	1998-1991	9
EJ	2.3L	137.5	2254cc	DOHC V6	80.3mm	24	Mazda Eng.		MFI/Gasoline	2002-1995	18
F2	2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.		MFI/Gasoline	1992-1991	16
F2-T	2.2L	133.0	2184cc	SOHC L4	86mm	12	Mazda Eng.		MFI/Gasoline	1992-1991	17
FP-ZE	1.8L	112.2	1839cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	2001-1999	10
FS-DE	2.0L	121.5	1991cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	2003-1993	13
FS-DET	2.0L	121.5	1991cc	DOHC L4	83mm	16	Mazda Eng.		MFI/Gasoline	2003	14
JE	3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		MFI/Gasoline	1991	24
JE-27	3.0L	180.3	2954cc	DOHC V6	90mm	24	Mazda Eng.		MFI/Gasoline	1991	21
JE-39	3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		MFI/Gasoline	1991	25
JE-48	3.0L	180.3	2954cc	DOHC V6	90mm	24	Mazda Eng.		MFI/Gasoline	1995-1992	22
JE-ZE	3.0L	180.3	2954cc	DOHC V6	90mm	24	Mazda Eng.		MFI/Gasoline	1995-1991	23
K8-ZE	1.8L	112.5	1844cc	DOHC V6	75mm	24	Mazda Eng.		MFI/Gasoline	1995-1992	12
KL-ZE	2.5L	152.0	2497cc	DOHC V6	84.5mm	24	Mazda Eng.		MFI/Gasoline	2002-1993	20
LFD	2.0L	122.0	1999cc	DOHC L4	87.5mm	16	Ford Eng.		MFI/Gasoline	2008-2004	15
MZI	3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.		MFI/Gasoline	2005-2003	26
MZR	2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.		MFI/Gasoline	2007-2003	19
Z5-DE	1.5L	90.8	1489cc	DOHC L4	75.3mm	16	Mazda Eng.		MFI/Gasoline	1998-1995	1
ZM-DE	1.6L	97.5	1597cc	DOHC L4	78mm	16	Mazda Eng.		MFI/Gasoline	2002-1999	3
1	1998 - 1995; 1.5L 1489cc DOHC L4 (16 Valve), 75.3mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code Z5-DE										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	98-95	222-B179								
1	Timing Belt Tensioner	98-95	222-213BT								
1	Belt Idler	98-95	222-214BT								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION							
16	Lifter	98-95	HT-2294	Std Only	Mech.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	98-95	7204M	Std.-25-.50-.75MM							
1	Thrust Washer Set	98-95	4176AF	Std Only	Loc. 4						
1	Rod Set	98-95	4-3910RA	Std.-25-.50-.75-1.00MM	A-Series aluminum bearings						
2	1996 - 1991; 1.6L 1597cc DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6-ZE										2
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	96-91	222-B179								
1	Timing Belt	94	222-B185	Square tooth							
1	Timing Belt Tensioner	94-91	222-213BT								
1	Belt Idler	96	222-214BT								
1	Belt Idler	95-91	222-214BT								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION							
16	Lifter	95-91	HT-2276	Std Only							
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
8	Exhaust	93-91	V-4361	Std Only	Chrome plated stem; 1.031" Head Dia., 0.235" Stem Dia., 4.15" O.A.L.						
8	Intake	93-91	V-4360	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2345" Stem Dia., 4.148" O.A.L.						
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
16	Valve Stem Seal	93-91	ST-2116	Std Only	Positive type; (SLC) Silicone						
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION							
4	Seat	94-91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
32	Keeper	93-91	VK-284	Std Only							
BLOCK											
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	94	E-632KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome						

2 (cont.)		1996 - 1991; 1.6L 1597cc DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6-ZE				2 (cont.)
BLOCK						
QTY	RINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-551KC	Std.-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	93-91	E-551X	Std.-50MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	93-91	WE-551KC	Std.-50MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7204M	Std.-25-.50-.75MM		
1	Thrust Washer Set	95-91	4176AF	Std Only		
1	Rod Set	95-91	4-4175CP	Std.-25-.50-.75MM		
3		2002 - 1999; 1.6L 1597cc DOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code ZM-DE				3
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Belt Idler	01-99	222-214BT			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
1	Guide	01-00	VG-1388T	Std Only	Threaded; 0.2375" ID, 1.49" O.A.L	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-99	7204M	Std.-25-.50-.75MM		
1	Thrust Washer Set	02-99	4176AF	Std Only		
1	Rod Set	02-99	4-4175CP	Std.-25-.50-.75MM		
4		1993 - 1992; 1.6L 1597cc SOHC L4 (16 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6				4
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-92	222-B179			
1	Timing Belt	93-92	222-B185		Square tooth	
1	Belt Idler	93-92	222-214BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	93-92	HT-2254	Std Only	Hyd. lash adj.	
16	Lifter, Bulk	93-92	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	93-92	V-4362	Std Only	Chrome plated stem; 0.927" Head Dia., 0.2353" Stem Dia., 4.1319" O.A.L.	
8	Intake	93-92	V-4359	Std Only	Chrome plated stem; 1.161" Head Dia., 0.235" Stem Dia., 4.088" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	93-92	ST-2116	Std Only	Positive type; (SLC) Silicone	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	93-92	VK-284	Std Only		
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-92	7204M	Std.-25-.50-.75MM		
1	Thrust Washer Set	93-92	4176AF	Std Only		
1	Rod Set	93-92	4-4175CP	Std.-25-.50-.75MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-92	224-43640			
5		1994 - 1991; 1.6L 1597cc SOHC L4 (8 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6				5
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	94-91	222-B179			
1	Timing Belt	94-91	222-B185		Square tooth	
1	Timing Belt & Tensioner Set	94-91	BTS-185		Square tooth	
1	Belt Idler	94-91	222-214BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	94-91	CS-841		Hydraulic, (050) Duration at .050 Lobe Lift, 205 Exh., 205 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	94-91	HT-2254	Std Only	Hyd. lash adj.	
16	Lifter, Bulk	94-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION	
1	Cam/Lifter Kit	94-91	KC-841		Hyd. lash adj.; (1) 55-403B; (1) CS-841; (8) HT-2254	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	94-91	RS-731	Std Only	Loc. Int.	

Mazda Car

5 (cont.)		1994 - 1991; 1.6L 1597cc SOHC L4 (8 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code B6				5 (cont.)	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	94-91	V-2590	Std Only	1.26" Head Dia., 0.2745" Stem Dia., 4.043" O.A.L.		
4	Intake	94-91	V-2592	Std Only	1.495" Head Dia., 0.2749" Stem Dia., 4.086" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	94-91	VG-899	Std Only	Loc. Int. & Exh.; Exc. Calif.; 0.275" ID, 1.97" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	94-93	ST-2082	Std Only	Exc. Calif.; Positive type, Metal Clad; (RBB) Rubber		
8	Valve Stem Seal	92-91	ST-2082	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	94-91	245-1437-66	Std Only	Loc. Exh.; 1.4445" OD, 1.12" ID, 0.3" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	93	VK-285	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	94-91	541P 1.00MM	1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.230 CD, Recessed Head .020 deep x 2.580 dia., 0.7865" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93-91	E-551KC	Std-50-75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	93-91	E-551X	Std-50MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	93-91	WE-551KC	Std-50MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7204M	Std-25-50-75MM			
1	Thrust Washer Set	94-91	4176AF	Std Only			
1	Rod Set	94-91	4-4175CP	Std-25-50-75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-92	224-43640				
6		2000 - 1999; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-4W				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	00-99	222-B179				
1	Belt Idler	00-99	222-214BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	00-99	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	00-99	V-4518	Std Only	Chrome plated stem; 1.089" Head Dia., 0.2354" Stem Dia., 3.543" O.A.L.		
8	Intake	00-99	V-4517	Std Only	Chrome plated stem; 1.24" Head Dia., 0.235" Stem Dia., 3.534" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	00-99	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L		
8	Guide	00-99	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	00-99	ST-2116	Std Only	Positive type; (SLC) Silicone		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	99	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
8	Seat	99	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00	E-635KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-99	7204M	Std-25-50-75MM			
1	Thrust Washer Set	00-99	4176AF	Std Only			
1	Rod Set	00-99	4-4175CP	Std-25-50-75MM			
7		2005 - 2001; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-Z3				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	02-01	222-B179				
1	Belt Idler	05-01	222-214BT				
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	05-01	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L		
8	Guide	05-01	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	05-01	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		

7 (cont.)		2005 - 2001; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-Z3				7 (cont.)	
VALVETRAIN							
QTY	VALVE SEAT (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Seat	05-01	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-01	7204M	Std.-25-50-75MM			
1	Thrust Washer Set	03-01	4176AF	Std Only			
1	Rod Set	03-01	4-4175CP	Std.-25-50-75MM			
8		2005 - 2004; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Mazda Eng.; Eng. Code BP-Z3T				8	
VALVETRAIN							
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	05-04	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L.		
8	Guide	05-04	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	05-04	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
8	Seat	05-04	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
9		1998 - 1991; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-ZE				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	98-91	222-B179				
1	Timing Belt	94-91	222-B185		Square tooth		
1	Timing Belt Tensioner	96-91	222-213BT				
1	Belt Idler	98-91	222-214BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	98-91	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	98-91	V-4366	Std Only	Chrome plated stem; 1.103" Head Dia., 0.235" Stem Dia., 3.997" O.A.L.		
8	Intake	98-91	V-4364	Std Only	Chrome plated stem; 1.298" Head Dia., 0.235" Stem Dia., 3.99" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	98-91	VG-1428T	Std Only	Loc. Int.; 0.237" ID, 1.775" O.A.L.		
8	Guide	98-91	VG-1429T	Std Only	Loc. Exh.; 0.237" ID, 1.808" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	97-91	VS-949	Std Only	Loc. Int. & Exh.; 1.85" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	98-91	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
16	Valve Stem Seal	98-91	ST-2116	Std Only	Positive type; (SLC) Silicone		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	98-91	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
8	Seat	98-91	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	98-91	VK-285	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98-97	E-615KC	Std.-50-75MM	Use w/H583P piston; 2-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	96-91	E-615KC	Std.-50-75MM	2-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	98-97	WE-615KC	Std Only	Use w/WH583P piston; 2-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	96-91	WE-615KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98-91	7204M	Std.-25-50-75MM			
1	Thrust Washer Set	98-91	4176AF	Std Only			
1	Rod Set	98-91	4-4175CP	Std.-25-50-75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	98-94	224-43592				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	98	260-1854		Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	98	260-1856		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	97-96	260-1854		Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		

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9 (cont.)		1998 - 1991; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-ZE			9 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	97-96	260-1856	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	95	260-1854	Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	95	260-1856	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	94	260-1853	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	94	260-1856	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	93-91	260-1853	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	98-91	381-8104			
1	Brass Deep Cup Freeze Plug	98-91	381-9009	35mm Diameter		
1	Brass Deep Cup Freeze Plug	98-91	381-9012	30mm Diameter		
KITS						
RE-RING KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
98-98	Use w/H583P piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6859	----	
98-98	Use w/H583P piston; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6860	----	
97-97	Use w/H583P piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6859	----	
97-97	Use w/H583P piston; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6860	----	
96-96	Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6859	----	
96-96	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6860	----	
95-95	Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6859	----	
95-95	Exh. pipe flange not incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6860	----	
94-94	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			205-6858	----	
94-94	Exh. pipe flange not incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6860	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			205-6858	----	
98-98	Use w/H583P piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6859M	----	
98-98	Use w/H583P piston; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove			205-6860M	----	

9 (cont.)		1998 - 1991; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-ZE				9 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
97-97	Use w/H583P piston; Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6859M	----	
97-97	Use w/H583P piston; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6860M	----	
96-96	Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6859M	----	
96-96	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6860M	----	
95-95	Upper int. manifold gskt. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6859M	----	
95-95	Exh. pipe flange not incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6860M	----	
94-94	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	Re-ring w/Mains			205-6858M	----	
94-94	Exh. pipe flange not incl.; RTV sealant incl. for oil pan gskt.; For pistons w/2-1.50MM, 1-3.00MM ring groove	Re-ring w/Mains			205-6860M	----	
93-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	Re-ring w/Mains			205-6858M	----	
10		2001 - 1999; 1.8L 1839cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code FP-ZE				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	01-99	222-B179				
1	Belt Idler	01-99	222-214BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	00-99	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	00-99	V-4518	Std Only	Chrome plated stem; 1.089" Head Dia., 0.2354" Stem Dia., 3.543" O.A.L.		
8	Intake	00-99	V-4517	Std Only	Chrome plated stem; 1.24" Head Dia., 0.235" Stem Dia., 3.534" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	00-99	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	00-99	ST-2116	Std Only	Positive type; (SLC) Silicone		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	99	245-1250-56	Std Only	Loc. Exh.; 1.005" ID top taper; 1.257" OD, 0.905" ID, 0.23" Depth		
8	Seat	99	245-1437-74	Std Only	Loc. Int.; 1.4375" OD, 1.162" ID, 0.23" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00	E-635KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-99	7204M	Std.-25-50-.75MM			
1	Thrust Washer Set	01-99	4176AF	Std Only			
1	Rod Set	01-99	4-4175CP	Std.-25-50-.75MM			
11		1996 - 1991; 1.8L 1839cc SOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-ZD				11	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-91	222-B179				
1	Timing Belt	94-91	222-B185		Square tooth		
1	Timing Belt & Tensioner Set	94-91	BTS-185		Square tooth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	94-91	HT-2254	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	94-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128		

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11 (cont.)		1996 - 1991; 1.8L 1839cc SOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code BP-ZD				11 (cont.)	
VALVETRAIN							
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	94-91	VS-1415	Std Only	Loc. Exh.; 1.73" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	94-91	ST-2116	Std Only	Positive type; (SLC) Silicone		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	94-91	VK-284	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-615KC	Std-50-75MM	2-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	94-91	WE-615KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7204M	Std-25-50-75MM			
1	Thrust Washer Set	94-91	4176AF	Std Only			
1	Rod Set	94-91	4-4175CP	Std-25-50-75MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-91	260-1855		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	94-91	381-8104				
1	Brass Deep Cup Freeze Plug	94-91	381-9009		35mm Diameter		
1	Brass Deep Cup Freeze Plug	94-91	381-9012		30mm Diameter		
12		1995 - 1992; 1.8L 1844cc DOHC V6 (24 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code K8-ZE				12	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-92	222-B214		192 Teeth		
1	Timing Belt Tensioner	94-92	222-1324BT				
1	Timing Belt & Tensioner Set	94-92	BTS-214				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	95-92	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	95-92	V-4610	Std Only	0.913" Head Dia., 0.2352" Stem Dia., 3.748" O.A.L.		
12	Intake	95-92	V-4609	Std Only	1.126" Head Dia., 0.2352" Stem Dia., 3.709" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	95-92	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	95-92	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-92	7347M	Std-25-50MM			
1	Thrust Washer Set	94-92	4697F	Std Only	Loc. 4		
13		2003 - 1993; 2.0L 1991cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code FS-DE				13	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	03-93	222-B228		135 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	00-93	HT-2276	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	02-93	V-4518	Std Only	Chrome plated stem; 1.089" Head Dia., 0.2354" Stem Dia., 3.543" O.A.L.		
8	Intake	00-93	V-4517	Std Only	Chrome plated stem; 1.24" Head Dia., 0.235" Stem Dia., 3.534" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	03-93	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	97-93	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	99-93	VK-285	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-93	E-635KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-93	7361M	Std-25-50MM			

13 (cont.)		2003 - 1993; 2.0L 1991cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code FS-DE				13 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Thrust Washer Set	03-93	4766F	Std Only			
4	Rod Pair	03-93	4765P	Std.-25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	00-93	224-43570				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-93	260-1690		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Head Bolt Set	97-93	260-2524	Std Only	Replacement required		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6401	----	
97-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6401M	----	
14		2003; 2.0L 1991cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Mazda Eng.; Eng. Code FS-DET				14	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	03	222-B228		135 Teeth		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	03	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03	E-635KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03	7361M	Std.-25-.50MM			
1	Thrust Washer Set	03	4766F	Std Only			
4	Rod Pair	03	4765P	Std.-25-.50MM			
15		2008 - 2004; 2.0L 1999cc DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; Eng. Code LFD				15	
BLOCK							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	08-06	260-1982		California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	05-04	260-1981		California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
16		1992 - 1991; 2.2L 2184cc SOHC L4 (12 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code F2				16	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-134				
1	Timing Belt Tensioner	92-91	222-166BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	92-91	HT-2254	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	92-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92-91	V-2614	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2745" Stem Dia., 4.57" O.A.L.		
4	Intake	92-91	V-2615	Std Only	Chrome plated stem; 1.28" Head Dia., 0.2747" Stem Dia., 4.562" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	92-91	VG-1376	Std Only	Incl. lock ring; Threaded; 0.2765" ID, 2.088" O.A.L.		
8	Guide	92-91	VG-927	Std Only	0.2761" ID, 2.0867" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
4	Spring	92-91	VS-1573	Std Only	Loc. Exh.; 1.945" Free Height		
8	Spring	92-91	VS-1574	Std Only	Loc. Int.; 1.922" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	92-91	ST-2082	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	92-91	245-1500-54	Std Only	Loc. Exh.; 1.325" ID top taper; 1.507" OD, 1.18" ID, 0.307" Depth		
4	Seat	92-91	245-1812-50	Std Only	Loc. Int.; 1.8195" OD, 1.49" ID, 0.307" Depth		

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16 (cont.)		1992 - 1991; 2.2L 2184cc SOHC L4 (12 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code F2				16 (cont.)	
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-542K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	92-91	E-542KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	92-91	E-542X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	92-91	WE-542KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	6692M	Std-25-50-75MM			
1	Rod Set	92-91	4-3975P	Std-25-50-75-1.00MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-41995				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1765		Exh. manifold heat shield not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
92-91	Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6861	205-1861
92-91	Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6861M	205-1861M
17		1992 - 1991; 2.2L 2184cc SOHC L4 (12 Valve), 86mm Bore; MFI; Gasoline; Turbo - Intercooled Mazda Eng.; Eng. Code F2-T				17	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-134				
1	Timing Belt Tensioner	92-91	222-166BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	92-91	HT-2254	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	92-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Intake	92-91	V-2615	Std Only	Chrome plated stem; 1.28" Head Dia., 0.2747" Stem Dia., 4.562" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	92-91	VG-1376	Std Only	Incl. lock ring; Threaded; 0.2765" ID, 2.088" O.A.L		
8	Guide	92-91	VG-927	Std Only	0.2761" ID, 2.0867" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
4	Spring	92-91	VS-1573	Std Only	Loc. Exh.; 1.945" Free Height		
8	Spring	92-91	VS-1574	Std Only	Loc. Int.; 1.922" Free Height		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	92-91	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-542K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	92-91	E-542KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
4	Premium Single Cylinder Set	92-91	WE-542KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	6692M	Std-25-50-75MM			
1	Rod Set	92-91	4-3975P	Std-25-50-75-1.00MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-41995				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1765		Turbo mtg. gskts. not incl.; Exh. manifold heat shield not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
92-91	Turbo mtg. gskts. not incl.; Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6861	----
92-91	Turbo mtg. gskts. not incl.; Exh. heat shields not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6861M	----

18		2002 - 1995; 2.3L 2254cc DOHC V6 (24 Valve), 80.3mm Bore; MFI; Gasoline; Supercharged Mazda Eng.; Eng. Code EJ				18
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	02-95	HT-2294	Std Only	Mech.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	02-95	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	02-95	ST-2116	Std Only	Loc. Int. & Exh.; Positive type; (SLC) Silicone	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	02-00	VK-284	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-95	7347M	Std.-25-50MM		
1	Thrust Washer Set	02-95	4697F	Std Only	Loc. 4	
1	Rod Set	02-95	6-4695A	Std.-25-50MM	A-series aluminum bearings	
19		2007 - 2003; 2.3L 2261cc DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; Eng. Code MZR				19
BLOCK						
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-04	224-43660		Replaces OEM CM5Z6600-A, 1S7Z6600-AA	
1	Screen Assy.	05-04	224-14290		Replaces OEM 6M8Z6622-AA	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	07	260-1982		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	06-05	260-1981		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1980		To 04/04/04; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	04	260-1981		From 04/05/04; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	03	260-1980		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
20		2002 - 1993; 2.5L 2497cc DOHC V6 (24 Valve), 84.5mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code KL-ZE				20
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	02-93	222-B214		192 Teeth	
1	Timing Belt Tensioner	02-93	222-1324BT			
1	Timing Belt & Tensioner Set	02-93	BTS-214			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	02-00	HT-2276	Std Only		
24	Lifter	97-93	HT-2276	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	02-93	V-4516	Std Only	Chrome plated stem; 1.086" Head Dia., 0.235" Stem Dia., 3.741" O.A.L.	
6	Intake	02-93	V-4515	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2352" Stem Dia., 3.698" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	02-93	VG-1388T	Std Only	Loc. Int. & Exh.; Threaded; 0.2375" ID, 1.49" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	00-93	ST-2116	Std Only	Loc. Int. & Exh.; Positive type; (SLC) Silicone	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	00-93	668CP	Std.-50MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.380 CD, Recessed Head .040 deep x .190 dia. w/8 valve reliefs overlaying each other for L.H. or R.H. combination; DUROSHIELD® skirt coated piston, 0.7874" Pin Dia.	
6	Cast Piston - Individual	00-93	W668CP	Std.-50MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.380 CD, Recessed Head .040 deep x .190 dia. w/8 valve reliefs overlaying each other for L.H. or R.H. combination; DUROSHIELD® skirt coated piston, 0.7874" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00-93	E-636KC	Std.-50MM	2-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-93	7347M	Std.-25-50MM		
1	Thrust Washer Set	02-93	4697F	Std Only		
1	Rod Set	02-93	6-4695A	Std.-25-50MM	A-series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-93	224-43591			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	

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20 (cont.)		2002 - 1993; 2.5L 2497cc DOHC V6 (24 Valve), 84.5mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code KL-ZE			20 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	02-98	260-1715	Int. manifold gskts. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	02-98	260-1715	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-96	260-1715	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	97-95	260-1715	Int. manifold gskts. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95	260-1715	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1715	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
KITS						
RE-RING KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
97-96	Int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402AM	----	
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402M	----	
95-95	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402M	----	
94-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402M	----	
00-00	Head bolts not incl.; Int. manifold gskts. not incl.; Exh. pipe flange not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402	----	
00-00	Head bolts not incl.; Exh. pipe flange not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402	----	
97-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402A	----	
97-96	Int. manifold gskts. not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402A	----	
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402	----	
95-95	Int. manifold gskt. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402	----	
94-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402	----	
00-00	Head bolts not incl.; Int. manifold gskts. not incl.; Exh. pipe flange not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402M	----	
00-00	Head bolts not incl.; Exh. pipe flange not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402M	----	
97-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			205-6402AM	----	
OVERHAUL KIT				PREMIUM	STANDARD	
YEARS	DESCRIPTION			KIT NO.	KIT NO.	
97-96	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6294	----	
97-96	Int. manifold gskts. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6294	----	
95-95	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			BK-6292	----	
95-95	Int. manifold gskts. not incl.; Exh. pipe packing not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			BK-6292	----	
94-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			BK-6292	----	

21		1991; 3.0L 2954cc DOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated				21
Mazda Eng.; Eng. Code JE-27						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-146		Interference Eng.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Intake	91	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	91	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	7407M .25MM	.25MM		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	91	381-8106			
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter	
22		1995 - 1992; 3.0L 2954cc DOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE-48				22
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	95	222-146		Interference Eng.	
1	Timing Belt	93-92	222-146		Interference Eng.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Intake	95-92	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	93	VK-285	Std Only	Loc. Int.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-92	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-92	7407M .25MM	.25MM		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	95-92	381-8106			
1	Brass Deep Cup Freeze Plug	95-92	381-9009		35mm Diameter	
23		1995 - 1991; 3.0L 2954cc DOHC V6 (24 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE-ZE				23
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	94	222-146		Interference Eng.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Intake	95-91	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	93	VK-285	Std Only	Loc. Int.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-91	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7407M .25MM	.25MM		
24		1991; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE				24
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-146			
1	Timing Belt Tensioner	91	222-293BT		Tensioner roller	
2	Belt Idler	91	222-216BT			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	91	RS-752	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Intake	91	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
6	Spring	91	VS-1416	Std Only	Loc. Exh. Inner; 2.098" Free Height	

Mazda Car

24 (cont.)		1991; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE					24 (cont.)	
VALVETRAIN								
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
6	Valve Stem Seal	91	ST-2075	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber			
12	Valve Stem Seal	91	ST-2082	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
6	Seat	91	245-1437-66	Std Only	Loc. Int.; 1.4445" OD, 1.12" ID, 0.3" Depth			
6	Seat	91	245-1625-62	Std Only	Loc. Exh.; 1.632" OD, 1.32" ID, 0.3" Depth			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
12	Keeper	91	VK-208	Std Only	Loc. Exh.			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	91	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	91	7407M .25MM	.25MM				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	91	260-1799		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	91	381-8106					
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter			
KITS								
RE-RING KIT					<i>PREMIUM</i>	<i>STANDARD</i>		
YEARS	DESCRIPTION				<i>KIT NO.</i>	<i>KIT NO.</i>		
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6883	----		
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6883M	----		
25		1991; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE-39					25	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	91	222-146					
1	Timing Belt Tensioner	91	222-293BT		Tensioner roller			
2	Belt Idler	91	222-216BT					
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
1	Rocker Shaft	91	RS-752	Std Only	Loc. Exh.			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Intake	91	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
6	Spring	91	VS-1416	Std Only	Loc. Exh. Inner; 2.098" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
6	Valve Stem Seal	91	ST-2075	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber			
12	Valve Stem Seal	91	ST-2082	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
6	Seat	91	245-1437-66	Std Only	Loc. Int.; 1.4445" OD, 1.12" ID, 0.3" Depth			
6	Seat	91	245-1625-62	Std Only	Loc. Exh.; 1.632" OD, 1.32" ID, 0.3" Depth			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
12	Keeper	91	VK-208	Std Only	Loc. Exh.			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	91	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	91	7407M .25MM	.25MM				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	91	260-1799		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	91	381-8106					
1	Brass Deep Cup Freeze Plug	91	381-9009		35mm Diameter			
KITS								
RE-RING KIT					<i>PREMIUM</i>	<i>STANDARD</i>		
YEARS	DESCRIPTION				<i>KIT NO.</i>	<i>KIT NO.</i>		
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6883	----		

25 (cont.)	1991; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated										25 (cont.)
Mazda Eng.; Eng. Code JE-39											
KITS											
RE-RING KIT (cont.)											
YEARS	DESCRIPTION									PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.									205-6883M	----
											Re-ring w/Mains
26	2005 - 2003; 3.0L 2967cc DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; Eng. Code MZI										26
BLOCK											
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION							
1	Oil Pump	05-03	224-43658								

Mazda Minivans - See Mazda Truck

Mazda SUV's - See Mazda Truck

Mazda Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	121.0	1988cc	DOHC L4	84.8mm	16	Ford Eng.	B	YF		MFI/Gasoline	2004-2001	1
2.2L	133.0	2184cc	SOHC L4	86mm	8	Mazda Eng.		F2G		MFI/Gasoline	1993-1991	2
2.2L	133.0	2184cc	SOHC L4	86mm	8	Mazda Eng.		F2L		2 Bbl./Gasoline	1993-1991	3
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.	D			MFI/Gasoline	2009-2001	4
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.		MZR		MFI/Gasoline	2008-2005	5
2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.		MZR		MFI/Hybrid	2008	6
										(Gas/Electric)		
2.3L	140.0	2302cc	SOHC L4	96mm	8	Ford Eng.	A	8A		MFI/Gasoline	1997-1994	7
2.5L	152.0	2495cc	DOHC V6	81.6mm	24	Ford Eng.	G	GY		MFI/Gasoline	2001-2000	8
2.5L	153.0	2503cc	SOHC L4	96mm	8	Ford Eng.	C			MFI/Gasoline	2001-1998	9
2.6L	159.0	2606cc	SOHC L4	92mm	12	Mazda Eng.		G6		MFI/Gasoline	1994-1991	10
3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		JE		MFI/Gasoline	1993-1991	11
3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		JE-E		MFI/Gasoline	1999-1994	12
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	1	ADJ		MFI/Gasoline	2005-2002	13
3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	1	AJ		MFI/Gasoline	2005-2001	14
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	U	8U		MFI/Gasoline	2008-1994	15
3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	V	8U		MFI/Flex Fuel	2003-1999	16
4.0L	244.0	4015cc	OHV V6	100.4mm	12	Ford Eng.	X	8X		MFI/Gasoline	2000-1994	17
4.0L	244.0	4015cc	OHV V6	100.4mm	12	Ford Eng.	X	ZZL		MFI/Gasoline	1993-1991	18
4.0L	244.0	4015cc	SOHC V6	100.4mm	12	Ford Eng.	E			MFI/Gasoline	2007-2001	19
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
ADJ	3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	1	MFI/Gasoline	2005-2002	13	
AJ	3.0L	181.0	2967cc	DOHC V6	89mm	24	Ford Eng.	1	MFI/Gasoline	2005-2001	14	
F2G	2.2L	133.0	2184cc	SOHC L4	86mm	8	Mazda Eng.		MFI/Gasoline	1993-1991	2	
F2L	2.2L	133.0	2184cc	SOHC L4	86mm	8	Mazda Eng.		2 Bbl./Gasoline	1993-1991	3	
G6	2.6L	159.0	2606cc	SOHC L4	92mm	12	Mazda Eng.		MFI/Gasoline	1994-1991	10	
GY	2.5L	152.0	2495cc	DOHC V6	81.6mm	24	Ford Eng.	G	MFI/Gasoline	2001-2000	8	
JE	3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		MFI/Gasoline	1993-1991	11	
JE-E	3.0L	180.3	2954cc	SOHC V6	90mm	18	Mazda Eng.		MFI/Gasoline	1999-1994	12	
MZR	2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.		MFI/Gasoline	2008-2005	5	
MZR	2.3L	138.0	2261cc	DOHC L4	87.5mm	16	Ford Eng.		MFI/Hybrid (Gas/Electric)	2008	6	
YF	2.0L	121.0	1988cc	DOHC L4	84.8mm	16	Ford Eng.	B	MFI/Gasoline	2004-2001	1	
ZZL	4.0L	244.0	4015cc	OHV V6	100.4mm	12	Ford Eng.	X	MFI/Gasoline	1993-1991	18	
8A	2.3L	140.0	2302cc	SOHC L4	96mm	8	Ford Eng.	A	MFI/Gasoline	1997-1994	7	
8U	3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	U	MFI/Gasoline	2008-1994	15	
8U	3.0L	183.0	2982cc	OHV V6	89mm	12	Ford Eng.	V	MFI/Flex Fuel	2003-1999	16	
8X	4.0L	244.0	4015cc	OHV V6	100.4mm	12	Ford Eng.	X	MFI/Gasoline	2000-1994	17	

Mazda Truck (Incl. Minivans and SUV's)

1		2004 - 2001; 2.0L 1988cc DOHC L4 (16 Valve), 84.8mm Bore Zetec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code B, Eng. Code YF				1
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	04-01	V-4595	Std Only	Chrome plated stem; 1.102" Head Dia., 0.237" Stem Dia., 3.801" O.A.L. 1.26" Head Dia., 0.2376" Stem Dia., 3.825" O.A.L.	
8	Intake	04-01	V-4594	Std Only		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	04-01	VS-1646	Std Only	Loc. Int.; 1.6457" Free Height	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-01	7193MA	Std-25-50MM	A-Series aluminum bearings	
1	Rod Set	04-01	4-4135RA	Std-25-50MM	A-Series aluminum bearings	
1	Rod Set	04-01	4-4135RA 25X2	25X2-50X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore	
4	Rod Pair	04-01	4135RA	Std-25-50MM	A-Series aluminum bearings	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Head Bolt Set	04-01	260-2550	Std Only	Replacement required; New Part Number - Check for Availability	
2		1993 - 1991; 2.2L 2184cc SOHC L4 (8 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code F2G				2
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-91	222-134			
1	Timing Belt Tensioner	93-91	222-166BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	93-91	HT-2254	Std Only	Hyd. lash adj.	
8	Lifter, Bulk	93-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
4	Arm	93-91	R-1129	Std Only	Loc. Int. & Exh. 1-3	
4	Arm	93-91	R-1130	Std Only	Loc. Int. & Exh. 2-4	
1	Rocker Shaft	93-91	RS-741	Std Only	Loc. Int.	
1	Rocker Shaft	93-91	RS-742	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	93-91	V-2345	Std Only	Nitrided stem; 1.417" Head Dia., 0.3163" Stem Dia., 4.397" O.A.L.	
4	Intake	93-91	V-2344	Std Only	Nitrided stem; 1.7323" Head Dia., 0.3165" Stem Dia., 4.4094" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	93-91	VG-1376	Std Only	Loc. Int. & Exh.; Incl. lock ring; Threaded; 0.2765" ID, 2.088" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	93-91	VS-849	Std Only	Loc. Inner; 1.72" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	93-91	ST-2075	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	93-91	245-1500-54	Std Only	Loc. Exh.; 1.325" ID top taper; 1.507" OD, 1.18" ID, 0.307" Depth	
4	Seat	93-91	245-1812-50	Std Only	Loc. Int.; 1.8195" OD, 1.49" ID, 0.307" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	93-91	VK-207	Std Only	Loc. Int.	
8	Keeper	93-91	VK-208	Std Only	Loc. Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston - Individual	93-91	W636P	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.418 CD, Recessed Head .218 deep w/3 valve reliefs, 0.8653" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	93-91	4K636P	Std-50-75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.418 CD, Recessed Head .218 deep w/3 valve reliefs, 21.979mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-542K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	93-91	E-542KC	Std-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	93-91	E-542X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	93-91	WE-542KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	6692M	Std-25-50-75MM		
1	Rod Set	93-91	4-3975P	Std-25-50-75-1.00MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-91	224-41995			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-91	260-1766		Exh. manifold gskt. not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	

Mazda Truck (Incl. Minivans and SUV's)

2 (cont.)	1993 - 1991; 2.2L 2184cc SOHC L4 (8 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code F2G				2 (cont.)
KITS					
RE-RING KIT					
YEARS	DESCRIPTION				PREMIUM KIT NO.
					STANDARD KIT NO.
93-91	Exh. manifold gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6880 ----
93-91	Exh. manifold gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6880M ----
OVERHAUL KIT					
YEARS	DESCRIPTION				PREMIUM KIT NO.
					STANDARD KIT NO.
93-91	Exh. manifold gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6290 ----
93-91	Exh. manifold gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6290 ----
3	1993 - 1991; 2.2L 2184cc SOHC L4 (8 Valve), 86mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code F2L				3
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	93-91	222-134		
1	Timing Belt Tensioner	93-91	222-166BT		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
1	Camshaft	93-91	CS-1521		Hydraulic, (050) Duration at .050 Lobe Lift, 212 Exh., 212 Int.
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
8	Lifter	93-91	HT-2254	Std Only	Hyd. lash adj.
8	Lifter, Bulk	93-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
4	Arm	93-91	R-1129	Std Only	Loc. Int. & Exh. 1-3
4	Arm	93-91	R-1130	Std Only	Loc. Int. & Exh. 2-4
1	Rocker Shaft	93-91	RS-741	Std Only	Loc. Int.
1	Rocker Shaft	93-91	RS-742	Std Only	Loc. Exh.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	93-91	V-2345	Std Only	Nitrided stem; 1.417" Head Dia., 0.3163" Stem Dia., 4.397" O.A.L.
4	Intake	93-91	V-2344	Std Only	Nitrided stem; 1.7323" Head Dia., 0.3165" Stem Dia., 4.4094" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	93-91	VS-848	Std Only	Loc. Outer; 2.041" Free Height
8	Spring	93-91	VS-849	Std Only	Loc. Inner; 1.72" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	93-91	ST-2075	Std Only	Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	93-91	245-1500-54	Std Only	Loc. Exh.; 1.325" ID top taper; 1.507" OD, 1.18" ID, 0.307" Depth
4	Seat	93-91	245-1812-50	Std Only	Loc. Int.; 1.8195" OD, 1.49" ID, 0.307" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
8	Keeper	93-91	VK-207	Std Only	Loc. Int.
8	Keeper	93-91	VK-208	Std Only	Loc. Exh.
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
4	Cast Piston - Individual	93-91	W636P	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.418 CD, Recessed Head .218 deep w/3 valve reliefs, 0.8653" Pin Dia.
1	Cast Piston Set w/Prem. Rings	93-91	4K636P	Std.-50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.418 CD, Recessed Head .218 deep w/3 valve reliefs, 21.979mm Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	93-91	E-542K	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly
1	Premium Set	93-91	E-542KC	Std.-50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome
1	Standard Set	93-91	E-542X	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron
4	Premium Single Cylinder Set	93-91	WE-542KC	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	93-91	6692M	Std.-25-.50-.75MM	
1	Rod Set	93-91	4-3975P	Std.-25-.50-.75-1.00MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	93-91	224-41995		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	93-91	260-1766		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.

Mazda Truck (Incl. Minivans and SUV's)

3 (cont.)		1993 - 1991; 2.2L 2184cc SOHC L4 (8 Valve), 86mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code F2L					3 (cont.)	
KITS								
RE-RING KIT								
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.	
93-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6880	----	
93-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6880M	----	
OVERHAUL KIT								
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.	
93-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings		BK-6290	----	
93-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6290	----	
4		2009 - 2001; 2.3L 2261cc DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code D					4	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	09-01	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.			
8	Intake	09-01	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.			
BLOCK								
QTY	PISTON	YEARS	PART NO.		DESCRIPTION			
4	Cast Piston	05-01	H895CP	Std.-50-.75-1.00MM	Hypereutectic; 1.112 CD, Recessed Head 0.160 deep x 2.914 dia., 21.006mm Pin Dia.			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	09-03	224-43660		Replaces OEM CM5Z6600-A, 1S7Z6600-AA			
1	Screen Assy.	09-03	224-14291		Replaces OEM 1L5Z6622-AA			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	08-04	260-1979		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	03-01	260-1978		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
5		2008 - 2005; 2.3L 2261cc DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; Eng. Code MZR					5	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	08-05	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.			
8	Intake	08-05	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.			
BLOCK								
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	08-05	224-43660		Replaces OEM CM5Z6600-A, 1S7Z6600-AA			
1	Screen Assy.	08-05	224-14290		Replaces OEM 6M8Z6622-AA			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	08-05	260-1979		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
6		2008; 2.3L 2261cc DOHC L4 (16 Valve), 87.5mm Bore Duratec; MFI; Hybrid (Gas/Electric); Naturally Aspirated Ford Eng.; Eng. Code MZR					6	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	08	V-4718	Std Only	Nitrided Stem; 1.1810" Head Dia., 0.2150" Stem Dia., 4.1200" O.A.L.			
8	Intake	08	V-4719	Std Only	Nitrided Stem; 1.3780" Head Dia., 0.2156" Stem Dia., 4.0730" O.A.L.			
BLOCK								
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION			
1	Oil Pump	08	224-43630		Replaces OEM 3M4Z6600-BA			
1	Screen Assy.	08	224-14290		Replaces OEM 6M8Z6622-AA			
7		1997 - 1994; 2.3L 2302cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A, Eng. Code 8A					7	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	97-95	222-B276					
1	Timing Belt	94	222-B210					
1	Timing Belt Tensioner	94	222-11BT					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			

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7 (cont.)		1997 - 1994; 2.3L 2302cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code A, Eng. Code 8A					7 (cont.)	
VALVETRAIN								
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION			
8	Lifter	97-94	HT-2012	Std Only	Hyd. lash adj.; Std. length			
8	Lifter, Bulk	97-94	HT-2012B	Std Only	Hyd. lash adj.; Std. length; Carton of 120			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
8	Arm	97-94	R-1133	Std Only				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
4	Exhaust	97-94	V-4553	Std Only	1.5" Head Dia., 0.274" Stem Dia., 4.807" O.A.L.			
4	Intake	97-94	V-4488	Std Only	Chrome plated stem; 1.735" Head Dia., 0.275" Stem Dia., 4.787" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
8	Guide	97-94	VG-1389T	Std Only	Loc. Int. & Exh.; Threaded; Late style straight guide; 0.2765" ID, 1.93" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
8	Spring	97-96	VS-1462	Std Only	Loc. Int. & Exh.; 1.84" Free Height			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
4	Keeper	97-94	VK-205	Std Only	4 groove			
4	Keeper	97-94	VK-205R	Std Only	4 groove; Hardened			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	97-95	E-927K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly			
1	Premium Set	94	E-442KC	Std-50-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Premium Chrome			
4	Premium Single Cylinder Set	94	WE-442KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	97-94	7291MA	Std-25-50-75MM	A-Series aluminum bearings			
1	Rod Set	97-94	4-3545A	Std-25-50-75-1.00MM	A-Series aluminum bearings			
4	Rod Pair	97-94	3545A	Std-25-50-75-1.00MM	A-Series aluminum bearings			
1	Cam Set	97-94	1443M	Std Only				
1	Aux. Shaft Set	97-94	1460M	Std Only				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	97-95	260-1695		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	94	260-1696		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			
1	Head Bolt Set	97-94	260-2510	Std Only	Replacement recommended			
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
97-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring		205-6391	----	
94-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring		205-6336	----	
97-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6391M	----	
94-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6336M	----	
8		2001 - 2000; 2.5L 2495cc DOHC V6 (24 Valve), 81.6mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G, Eng. Code GY					8	
VALVETRAIN								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
24	Lifter	01-00	HT-2271	Std Only	Hyd. lash adj.			
24	Lifter, Bulk	01-00	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
24	Arm	01-00	R-1141	Std Only				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
12	Exhaust	01-00	V-4483	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2346" Stem Dia., 4.545" O.A.L.			
12	Intake	01-00	V-4519	Std Only	Chrome plated stem; 1.26" Head Dia., 0.2356" Stem Dia., 4.52" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
24	Guide	01-00	VG-1390T	Std Only	Loc. Int. & Exh.; Threaded; 0.237" ID, 1.88" O.A.L.			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
48	Keeper	01-00	VK-288	Std Only	Loc. Int. & Exh.			

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8 (cont.)		2001 - 2000; 2.5L 2495cc DOHC V6 (24 Valve), 81.6mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code G, Eng. Code GY				8 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-00	7262MA	Std.-25-50MM	A-Series aluminum bearings		
1	Main Set	01-00	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD		
1	Rod Set	01-00	6-4395A	Std.-25-50MM	A-Series aluminum bearings		
6	Rod Pair	01-00	4395A	Std.-25MM	A-Series aluminum bearings		
9		2001 - 1998; 2.5L 2503cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code C				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	01-98	222-B276				
1	Timing Belt Tensioner	01-98	222-11BT				
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
8	Arm	01-98	R-1133	Std Only			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	01-00	VK-287	Std Only	Loc. Int. & Exh.; 3 groove; w/.2750 Stem Dia.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	01-98	E-941K	Std.-50-.75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-98	7291MA	Std.-25-50-.75MM	A-Series aluminum bearings		
1	Rod Set	01-98	4-3545A	Std.-25-50-.75-1.00MM	A-Series aluminum bearings		
4	Rod Pair	01-98	3545A	Std.-25-50-.75-1.00MM	A-Series aluminum bearings		
1	Cam Set	01-98	1443M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-98	224-43616				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-99	260-1916		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98	260-1695		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	01-98	260-2510	Std Only	Replacement recommended		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
98-98	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6856	----	
98-98	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6856M	----	
10		1994 - 1991; 2.6L 2606cc SOHC L4 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code G6				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	94-91	222-S102T3X		Single rlr.; 102 Links		
1	Timing Chain Guide	94-91	222-169GP		Loc. L.H.		
1	Timing Chain Guide	94-91	222-170GP		Loc. R.H.		
1	Bal. Shaft Chain	93-91	222-3SR84T4		Single rlr.; 84 Links		
1	Bal. Shaft Chain Guide	94-91	222-172GP		Loc. L.H.		
1	Bal. Shaft Chain Guide	94-91	222-173GP		Loc. Upper		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	94-91	HT-2254	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	94-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	93-91	V-2579	Std Only	Chrome plated stem; 1.4134" Head Dia., 0.275" Stem Dia., 4.4862" O.A.L.		
4	Intake	93-91	V-3913	Std Only	1.311" Head Dia., 0.275" Stem Dia., 4.429" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	94-91	VG-1376	Std Only	Loc. Int. & Exh.; Incl. lock ring; Threaded; 0.2765" ID, 2.088" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
8	Spring	93-91	VS-950	Std Only	1.98" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	93-91	ST-2082	Std Only	Positive type, Metal Clad; (RBB) Rubber		

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10 (cont.)	1994 - 1991; 2.6L 2606cc SOHC L4 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code G6					10 (cont.)
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-91	E-510K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	94-91	E-510KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	94-91	E-510X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	94-91	WE-510K	1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
4	Premium Single Cylinder Set	94-91	WE-510KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	94-91	7212M	Std-.25MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Pump Repair Kit	94-91	224-53579			
11	1993 - 1991; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE					11
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-91	222-146			
1	Timing Belt Tensioner	93-91	222-293BT		Tensioner roller	
2	Belt Idler	93-91	222-216BT			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
18	Lifter	93-91	HT-2254	Std Only	Hyd. lash adj.	
18	Lifter, Bulk	93-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	93-91	RS-752	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Intake	93-91	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
6	Spring	93-91	VS-1416	Std Only	Loc. Exh. Inner; 2.098" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
6	Valve Stem Seal	93-91	ST-2075	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber	
6	Valve Stem Seal	93-91	ST-2082	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	93-91	245-1437-66	Std Only	Loc. Int.; 1.4445" OD, 1.12" ID, 0.3" Depth	
6	Seat	93-91	245-1625-62	Std Only	Loc. Exh.; 1.632" OD, 1.32" ID, 0.3" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	93-91	VK-208	Std Only	Loc. Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	7407M .25MM	.25MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-91	260-1799		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-91	381-8106			
1	Brass Deep Cup Freeze Plug	93-91	381-9009		35mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
93-91	Head bolts not incl.; Thermostat O-ring not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				205-6883	----
93-91	Head bolts not incl.; Thermostat O-ring not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				205-6883M	----
12	1999 - 1994; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE-E					12
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	98	222-146		Interference Eng.	
1	Timing Belt	97-94	222-146			
1	Timing Belt Tensioner	98	222-293BT		Loc. R.H.; Tensioner roller	
1	Timing Belt Tensioner	97-94	222-293BT		Tensioner roller	
1	Belt Idler	98	222-216BT		Loc. Upper	
2	Belt Idler	97-94	222-216BT			

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12 (cont.)		1999 - 1994; 3.0L 2954cc SOHC V6 (18 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Mazda Eng.; Eng. Code JE-E				12 (cont.)		
VALVETRAIN								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION			
12	Lifter	98-94	HT-2254	Std Only	Hyd. lash adj.			
12	Lifter, Bulk	98-94	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
1	Rocker Shaft	98-94	RS-752	Std Only	Loc. Exh.			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
6	Intake	98-94	V-3912	Std Only	1.297" Head Dia., 0.275" Stem Dia., 4.778" O.A.L.			
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION			
6	Spring	97-94	VS-1416	Std Only	Loc. Exh. Inner; 2.098" Free Height			
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION			
6	Valve Stem Seal	94	ST-2075	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber			
6	Valve Stem Seal	94	ST-2082	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION			
6	Seat	97-94	245-1437-66	Std Only	Loc. Int.; 1.4445" OD, 1.12" ID, 0.3" Depth			
6	Seat	97-94	245-1625-62	Std Only	Loc. Exh.; 1.632" OD, 1.32" ID, 0.3" Depth			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
32	Keeper	97-94	VK-208	Std Only	Loc. Exh.			
BLOCK								
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	98-94	E-618KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	99-94	7407M .25MM	.25MM				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION			
1	Kit Gasket Set	99-96	260-1799		Upper int. manifold gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	95-94	260-1799		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION			
1	Brass Block Plug Kit	96-94	381-8106					
1	Brass Deep Cup Freeze Plug	96-94	381-9009		35mm Diameter			
KITS								
RE-RING KIT						PREMIUM	STANDARD	
YEARS	DESCRIPTION					KIT NO.	KIT NO.	
98-96	Upper int. manifold gskts. not incl.; Head bolts not incl.; Thermostat O-ring not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6883	----	
95-94	Head bolts not incl.; Thermostat O-ring not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring	205-6883	----	
98-96	Upper int. manifold gskts. not incl.; Head bolts not incl.; Thermostat O-ring not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6883M	----	
95-94	Head bolts not incl.; Thermostat O-ring not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6883M	----	
13		2005 - 2002; 3.0L 2967cc DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 1, Eng. Code ADJ					13	
VALVETRAIN								
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION			
24	Arm	03-02	R-1141	Std Only				
BLOCK								
QTY	PISTON	YEARS	PART NO.		DESCRIPTION			
6	Cast Piston	02	H881CP	Std-.50-.75-1.00MM	Use w/E-931K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.			
6	Pin Bushing	02	4399Y		Superseded - When depleted use 4399YA			
6	Pin Bushing	02	4399YA					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	02	E-931K	Std-.50-.75-1.00MM	Use w/H881CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Main Set	05-04	7262MA	Std-.25-.50MM	A-Series aluminum bearings			
1	Main Set	05-04	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD			
1	Main Set	03	7262MA	Std-.25-.50MM	A-Series aluminum bearings			
1	Main Set	03	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD			
1	Main Set	02	7262MA	Std-.25-.50MM	A-Series aluminum bearings			
1	Main Set	02	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD			

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13 (cont.)	2005 - 2002; 3.0L 2967cc DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 1, Eng. Code ADJ				13 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Rod Set	05-04	6-4395A	Std.-25-50MM	A-Series aluminum bearings	
1	Rod Set	03	6-4395A	Std.-25-50MM	A-Series aluminum bearings	
1	Rod Set	02	6-4395A	Std.-25-50MM	A-Series aluminum bearings	
6	Rod Pair	05-04	4395A	Std.-25MM	A-Series aluminum bearings	
6	Rod Pair	03	4395A	Std.-25MM	A-Series aluminum bearings	
6	Rod Pair	02	4395A	Std.-25MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-02	224-43658			
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
02-02	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove				205-6945	----
02-02	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove				205-6945M	----
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
02-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings				BK-6118	----
14	2005 - 2001; 3.0L 2967cc DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 1, Eng. Code AJ				14	
VALVETRAIN						
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	03-01	R-1141	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	02	H881CP	Std.-50-.75-1.00MM	Use w/E-931K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.	
6	Cast Piston	01	H881CP	Std.-50-.75-1.00MM	Use w/E-931K ring set; Hypereutectic; 1 - , 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Domed Head .037 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8275" Pin Dia.	
6	Pin Bushing	02-01	4399Y		Superseded - When depleted use 4399YA	
6	Pin Bushing	02-01	4399YA			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02	E-931K	Std.-50-.75-1.00MM	Use w/H881CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
1	Premium Set	01	E-931K	Std.-50-.75-1.00MM	Use w/H881CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-01	7262MA	Std.-25-50MM	A-Series aluminum bearings	
1	Main Set	05-01	7262MA 25X2	25X2	A-Series aluminum bearings; w/.002" O/S OD	
1	Rod Set	05-01	6-4395A	Std.-25-50MM	A-Series aluminum bearings	
6	Rod Pair	05-01	4395A	Std.-25MM	A-Series aluminum bearings	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	05-01	224-43658			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	03-02	260-1901		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	01	260-1901		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
02-02	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove				205-6945	----
01-01	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove				205-6945	----
02-02	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove				205-6945M	----

Mazda Truck (Incl. Minivans and SUV's)

14 (cont.)		2005 - 2001; 3.0L 2967cc DOHC V6 (24 Valve), 89mm Bore Duratec; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code 1, Eng. Code AJ				14 (cont.)	
KITS							
RE-RING KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
01-01	Use w/H881CP piston; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; For pistons w/1-1.20MM, 1-1.50MM, 1-3.00MM ring groove		Re-ring w/Mains		205-6945M	----	
OVERHAUL KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
02-02	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6118	----	
01-01	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings		BK-6118	----	
15		2008 - 1994; 3.0L 2982cc OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U, Eng. Code 8U				15	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	07-01	KT3-396S		Incl. Cam, Crank, Chain		
1	3 Piece Set	97-94	KT3-374S		(1) 222-374; (1) 223-636; (1) 223-649		
1	Timing Chain	07-01	222-396				
1	Timing Chain	97-94	222-374		62 Links		
1	Crank Sprocket	97-94	223-649		19 Teeth		
1	Cam Sprocket	97-94	223-636		38 Teeth		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	07-97	RP-3351	Std Only	5.297" O.A.L.		
12	Push Rod	96-94	RP-3337	Std Only	5.328" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm Assy.	97-94	R-1007	Std Only	Incl. arm & pivot		
12	Pivot	97-94	MR-1881	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	98-94	V-3957	Std-15	Chrome plated stem; 1.371" Head Dia., 0.3125" Stem Dia., 4.615" O.A.L.		
6	Intake	97-94	V-2448	Std-15	Chrome plated stem; 1.661" Head Dia., 0.313" Stem Dia., 4.615" O.A.L.		
6	Intake, Bulk	97-94	V-2448B 15	15	Chrome plated stem; Carton of 25; 1.661" Head Dia., 0.328" Stem Dia., 4.615" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	94	VS-1462	Std Only	1.84" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	00	ST-2044	Std Only	Loc. Int.; To 12/9/99; Positive type; (RBB) Rubber		
6	Valve Stem Seal	99	ST-2044	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
6	Valve Stem Seal	96-94	ST-2102	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
6	Valve Stem Seal	96-94	ST-2103	Std Only	Loc. Exh.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	94	245-1437-3	Std Only	Loc. Exh.; 1.4425" OD, 1.188" ID, 0.216" Depth		
6	Seat	94	245-1437-3N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.188" ID, 0.216" Depth		
6	Seat	94	245-1750-2	Std Only	Loc. Int.; 1.755" OD, 1.5" ID, 0.216" Depth		
6	Seat	94	245-1750-2N	Std Only	Loc. Int.; Premium Material; 1.755" OD, 1.5" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	03-01	VK-287	Std Only	3 groove; w/.2750 Stem Dia.		
12	Keeper	97-94	VK-204	Std Only	3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	05-02	H875CP	Std-50-75-1.00MM	Use w/E-944K ring set; Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.520 CD, Domed Head .032 high x 1.966 dia.; DUROSHIELD® skirt coated piston, 0.9125" Pin Dia.		
6	Cast Piston	98-94	H497P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.		
6	Cast Piston - Individual	98-94	WH497P	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.515 CD, Flat Head - 9.2:1 C.R., 0.9122" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-99	E-944K	Std-50-75-1.00MM	2-1.50MM, 1-3.00MM; Premium Moly		
1	Premium Set	98-94	E-446K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
1	Premium Set	98-94	E-446KC	Std-50-75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	98-94	E-446X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
6	Premium Single Cylinder Set	98-94	WE-446K	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly		
6	Standard Single Cylinder Set	98-94	WE-446X	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	07-94	7011MA	Std-25-50MM	A-Series aluminum bearings		

Mazda Truck (Incl. Minivans and SUV's)

15 (cont.)	2008 - 1994; 3.0L 2982cc OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code U, Eng. Code 8U				15 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Rod Set	07-94	6-1220RA	Std.-25-50MM	A-Series aluminum bearings
1	Rod Set	07-94	6-1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability
6	Rod Pair	07-94	1220RA	Std.-25-50MM	A-Series aluminum bearings
6	Rod Pair	07-94	1220RA 25X2	25X2	A-Series aluminum bearings; Use in .002" O/S Rod Bore; New Part Number - Check for Availability
1	Cam Set	07-94	1843M	Std Only	Full round design
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	03-98	224-43636S		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	08-02	260-1997		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	01	260-1996		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	00-99	260-1747		To 07/26/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Consolidated design
1	Kit Gasket Set	00-99	260-1996		From 07/27/99; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	98-96	260-1747		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
1	Kit Gasket Set	95-94	260-1628		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.
2	Head Bolt Set	08-00	260-2538	Std Only	Replacement required; New Part Number - Check for Availability
1	Head Bolt Set	99-98	260-2515	Std Only	To 07/13/98; Replacement recommended
2	Head Bolt Set	99-98	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability
1	Head Bolt Set	97-94	260-2515	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	96-94	381-8106		
1	Brass Deep Cup Freeze Plug	96-94	381-9009		35mm Diameter
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
98-96	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove		Re-ring	205-6418	205-1418
98-96	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; For pistons w/2-1.50MM, 1-4.00MM ring groove		Re-ring w/Mains	205-6418M	205-1418M
95-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring	205-6260	205-1260
95-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6260M	205-1260M
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
98-96	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6124	----
95-94	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6121	----
16	2003 - 1999; 3.0L 2982cc OHV V6 (12 Valve), 89mm Bore Vulcan; MFI; Flex Fuel; Naturally Aspirated Ford Eng.; VIN Code V, Eng. Code 8U				16
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	3 Piece Set	03-99	KT3-396S		Incl. Cam, Crank, Chain
1	Timing Chain	03-99	222-396		
BLOCK					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
2	Head Bolt Set	03-00	260-2538	Std Only	Replacement required; New Part Number - Check for Availability
2	Head Bolt Set	99	260-2538	Std Only	From 07/14/98; Replacement required; New Part Number - Check for Availability

Mazda Truck (Incl. Minivans and SUV's)

17		2000 - 1994; 4.0L 4015cc OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X, Eng. Code 8X			17
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	3 Piece Set	00-95	KT3-3SR64SA	(1) 222-3SR64X; (1) 223-650; (1) 223-821	
1	3 Piece Set	94	KT3-64S	(1) 222-3SR64X; (1) 223-650; (1) 223-651	
1	Complete Set	00-95	KT-4028S	Incl. Cam, Crank, Chain, Tensioner, Guide	
1	Complete Set	94	KT-4027S	Incl. Cam, Crank, Chain, Tensioner, Guide	
1	Timing Chain	00-94	222-3SR64X	64 Links	
1	Timing Chain Tensioner	00-95	222-1345CT		
1	Timing Chain Tensioner	94	222-157CT		
1	Crank Sprocket	00-95	223-821	19 Teeth	
1	Crank Sprocket	94	223-651	19 Teeth	
1	Cam Sprocket	00-94	223-650	38 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	00	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Camshaft	96	CS-1510	Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	95	CS-1510	Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	94	CS-1510	w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation	
1	Camshaft	94	CS-1536	w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation	
1	Prelube		55-400	Std Only 4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only 1.5 oz. packet	
12	Lifter	00-94	HT-2244	Std Only Hyd. rlr.	
12	Lifter, Bulk	00-94	HT-2244B	Std Only Hyd. rlr.; Carton of 128	
QTY	CAM KIT	YEARS	PART NO.	DESCRIPTION	
1	Cam/Lifter Kit	94	KC-1510	w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244	
1	Cam/Lifter/Timing Kit	94	KCT-1510	w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S	
QTY	PUSH ROD	YEARS	PART NO.	DESCRIPTION	
12	Push Rod	00-94	RP-3332	Std-30-60 5.48" O.A.L.	
12	Push Rod, Bulk	00-94	BRP-3332	Std-60 Carton of 100; 5.48" O.A.L.	
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
12	Arm	00-94	R-1092	Std Only	
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	00-94	V-3918	Std-15 Chrome plated stem; 1.36" Head Dia., 0.3152" Stem Dia., 4.098" O.A.L.	
6	Exhaust, Bulk	00-94	V-3918B	Std Only Chrome plated stem; Carton of 25; 1.36" Head Dia., 0.3152" Stem Dia., 4.098" O.A.L.	
6	Intake	00-94	V-2606	Std-15 Chrome plated stem; Hardened seat; 1.71" Head Dia., 0.3163" Stem Dia., 4.092" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
12	Guide	00-94	VG-5016	Std Only 0.3175" ID, 2" O.A.L	
12	Guide	00-94	VG-5016T	Std Only Threaded; 0.3175" ID, 2" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
12	Spring	00-94	VS-1630	Std Only 2.095" Free Height	
12	Spring, Bulk	00-94	VS-1630B	Std Only Carton of 250; 2.095" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
12	Valve Stem Seal	00-94	ST-2109	Std Only Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
6	Seat	00-94	245-1437-2	Std Only Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth	
6	Seat	00-94	245-1437-2N	Std Only Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth	
6	Seat	00-94	245-1812-4	Std Only Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth	
6	Seat	00-94	245-1812-4N	Std Only Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth	
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
12	Keeper	00-94	VK-144	Std Only Loc. Int.; 1 groove; Square cut key groove	
12	Keeper	00-94	VK-144R	Std Only Loc. Int.; 1 groove; Square cut key groove; Hardened	
BLOCK					
QTY	PISTON	YEARS	PART NO.	DESCRIPTION	
6	Cast Piston	00-98	H879CP	Std-50-75-1.00MM Use w/E-613K or E-613X ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.420 CD, Recessed Head .270 deep x 3.100 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.	
6	Cast Piston	97-95	H667P	Std-50-75-1.00MM Use w/E-613K or E-613X ring set; Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.452 CD, Recessed Head .330 deep x 3.160 dia., 0.9447" Pin Dia.	
6	Cast Piston	94	H570P	Std-50-75-1.00MM Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.	

Mazda Truck (Incl. Minivans and SUV's)

17 (cont.)	2000 - 1994; 4.0L 4015cc OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X, Eng. Code 8X					17 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston - Individual	97-95	WH667P	Std-50-75-1.00MM	Use w/WE-613K ring set; Hypereutectic; 1 - , 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.452 CD, Recessed Head .330 deep x 3.160 dia., 0.9447" Pin Dia.	
6	Cast Piston - Individual	94	WH570P	Std-50-75-1.00MM	Hypereutectic; 1 - , 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	94	6KH570P .50MM	.50-75-1.00MM	Cast; 1 - , 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	00	E-613K	Std-50-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
1	Premium Set	98-94	E-613K	Std-50-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
1	Standard Set	00	E-613X	Std-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron	
1	Standard Set	98-94	E-613X	Std-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron	
6	Premium Single Cylinder Set	00	WE-613K	Std-50-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
6	Premium Single Cylinder Set	98-94	WE-613K	Std-50-75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	00-94	7245MA	Std-10-20-30	A-Series aluminum bearings ; Full flange thrust brg.	
1	Main Set	00-94	7246MA 10	10-20	A-Series aluminum bearings ; .020" O/S length flange brg.	
1	Rod Set	00-94	6-3055CP	Std-10-20-30-40		
6	Rod Pair	00-94	3055CP	Std-10-20-30		
1	Cam Set	00-94	1844M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-94	224-43431			
1	Inter. Shaft	00-94	224-14275			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-97	260-3030		Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96	260-1699		Upper int. manifold gskt. not incl.; Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95	260-1699		Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1653		Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	95-94	260-2509	Std Only	Replacement recommended	
KITS						
RE-RING KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
96-96	Head bolts not incl.; Replacement recommended; Upper int. manifold gskt. not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6341	205-1341
96-96	Head bolts not incl.; Replacement recommended; Upper int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6341M	205-1341M
95-95	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6341	205-1341
95-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6341M	205-1341M
94-94	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6317	205-1317
94-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6317M	205-1317M
OVERHAUL KIT					PREMIUM KIT NO.	STANDARD KIT NO.
YEARS	DESCRIPTION					
96-96	Head bolts not incl.; Replacement recommended; Upper int. manifold gskt. not incl.; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6141	----
95-95	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6141	----
94-94	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6140	----
94-94	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.		Master		MKP-6261A	MKP-1261A

Mazda Truck (Incl. Minivans and SUV's)

17 (cont.)		2000 - 1994; 4.0L 4015cc OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X, Eng. Code 8X				17 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
94-94	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.		Master w/o Pistons		MK-6261A	MK-1261A	
94-94	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		Master w/o Rods & Mains		505-6261A	505-1261A	
18		1993 - 1991; 4.0L 4015cc OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X, Eng. Code ZZL				18	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	3 Piece Set	93-91	KT3-64S		(1) 222-3SR64X; (1) 223-650; (1) 223-651		
1	Complete Set	93-91	KT-4027S		Incl. Cam, Crank, Chain, Tensioner, Guide		
1	Timing Chain	93-91	222-3SR64X		64 Links		
1	Timing Chain Tensioner	93-91	222-157CT				
1	Crank Sprocket	93-91	223-651		19 Teeth		
1	Cam Sprocket	93-91	223-650		38 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	93	CS-1510		w/o Calif. Emis.; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation		
1	Camshaft	93	CS-1536		w/Calif. emis.; Hydraulic Roller, (050) Duration at .050 Lobe Lift, 198 Exh., 193 Int., 114 Degrees Lobe Separation		
1	Camshaft	92-91	CS-1510		w/M/T; Hydraulic, (050) Duration at .050 Lobe Lift, 206 Exh., 189 Int., 112 Degrees Lobe Separation		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	93-91	HT-2244	Std Only	Hyd. rlr.		
12	Lifter, Bulk	93-91	HT-2244B	Std Only	Hyd. rlr.; Carton of 128		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	93	KC-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244		
1	Cam/Lifter Kit	92-91	KC-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244		
1	Cam/Lifter/Timing Kit	93	KCT-1510		w/o Calif. Emis.; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S		
1	Cam/Lifter/Timing Kit	92-91	KCT-1510		w/M/T; Hyd. rlr.; (1) 55-403B; (1) CS-1510; (12) HT-2244; (1) KT3-64S		
QTY	PUSH ROD	YEARS	PART NO.		DESCRIPTION		
12	Push Rod	93-91	RP-3332	Std-30-60	5.48" O.A.L.		
12	Push Rod, Bulk	93-91	BRP-3332	Std-60	Carton of 100; 5.48" O.A.L.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	93-91	R-1092	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	93-91	V-3918	Std-15	Chrome plated stem; 1.36" Head Dia., 0.3152" Stem Dia., 4.098" O.A.L.		
6	Exhaust, Bulk	93-91	V-3918B	Std Only	Chrome plated stem; Carton of 25; 1.36" Head Dia., 0.3152" Stem Dia., 4.098" O.A.L.		
6	Intake	93-91	V-2606	Std-15	Chrome plated stem; Hardened seat; 1.71" Head Dia., 0.3163" Stem Dia., 4.092" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	93-91	VG-5016	Std Only	0.3175" ID, 2" O.A.L.		
12	Guide	93-91	VG-5016T	Std Only	Threaded; 0.3175" ID, 2" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	93-91	VS-1630	Std Only	2.095" Free Height		
12	Spring, Bulk	93-91	VS-1630B	Std Only	Carton of 250; 2.095" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	93-91	ST-2109	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	93-91	245-1437-2	Std Only	Loc. Exh.; 1.4425" OD, 1.219" ID, 0.216" Depth		
6	Seat	93-91	245-1437-2N	Std Only	Loc. Exh.; Premium Material; 1.4425" OD, 1.219" ID, 0.216" Depth		
6	Seat	93-91	245-1812-4	Std Only	Loc. Int.; 1.8175" OD, 1.5625" ID, 0.216" Depth		
6	Seat	93-91	245-1812-4N	Std Only	Loc. Int.; Premium Material; 1.8175" OD, 1.5625" ID, 0.216" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
12	Keeper	93-91	VK-144	Std Only	Loc. Int.; 1 groove; Square cut key groove		
12	Keeper	93-91	VK-144R	Std Only	Loc. Int.; 1 groove; Square cut key groove; Hardened		

Mazda Truck (Incl. Minivans and SUV's)

18 (cont.)	1993 - 1991; 4.0L 4015cc OHV V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code X, Eng. Code ZZL					18 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	93-91	H570P	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.		
6	Cast Piston - Individual	93-91	WH570P	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.		
1	Cast Piston Set w/Prem. Rings	93-91	6KH570P .50MM	.50-.75-1.00MM	Cast; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.441 CD, Recessed Head .315 deep x 2.400 dia., 0.9447" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	93-91	E-613K	Std-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly		
1	Standard Set	93-91	E-613X	Std-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Iron		
6	Premium Single Cylinder Set	93-91	WE-613K	Std-50-.75-1.00MM	1-1.60MM, 1-1.75MM, 1-3.50MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	7245MA	Std-10-20-30	A-Series aluminum bearings; Full flange thrust brg.		
1	Main Set	93-91	7246MA 10	10-20	A-Series aluminum bearings; .020" O/S length flange brg.		
1	Rod Set	93-91	6-3055CP	Std-10-20-30-40			
6	Rod Pair	93-91	3055CP	Std-10-20-30			
1	Cam Set	93-91	1844M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-43431				
1	Inter. Shaft	93-91	224-14275				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	93-91	260-1652		Head bolts not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	93-91	260-2509	Std Only	Replacement recommended		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
93-91	Head bolts not incl.; Replacement recommended; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6318	205-1318
93-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6318M	205-1318M
OVERHAUL KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
93-91	Head bolts not incl.; Replacement recommended; Incl. A-Series aluminum bearings; Full flange thrust brg. incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Block Kit w/Premium Rings		BK-6139	----
93-93	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.			Master		MKP-6264A	MKP-1264A
92-91	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.			Master		MKP-6264A	MKP-1264A
93-93	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.			Master w/o Pistons		MK-6264A	MK-1264A
92-91	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; Incl. A-Series aluminum bearings; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.; Full flange thrust brg. incl.			Master w/o Pistons		MK-6264A	MK-1264A
93-93	w/o Calif. Emis.; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains		505-6264A	505-1264A
92-91	w/M/T; Head bolts not incl.; Replacement recommended; Freeze plugs not incl.; PermaDry® molded rubber oil pan gskt. incl.; Premium valve stem seals incl.			Master w/o Rods & Mains		505-6264A	505-1264A
19	2007 - 2001; 4.0L 4015cc SOHC V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E					19	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	04-01	V-4586	Std Only	1.535" Head Dia., 0.2739" Stem Dia., 4.524" O.A.L.		
6	Intake	04-01	V-4585	Std Only	1.811" Head Dia., 0.2745" Stem Dia., 4.524" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	03-02	H879CP	Std-50-.75-1.00MM	Hypereutectic; 1 -, 1.60mm Groove, 1 - 1.75mm Groove, 1 - 3.50mm Groove, 1.420 CD, Recessed Head .270 deep x 3.100 dia.; DUROSHIELD® skirt coated piston, 0.9451" Pin Dia.		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		

Mazda Truck (Incl. Minivans and SUV's)

19 (cont.)		2007 - 2001; 4.0L 4015cc SOHC V6 (12 Valve), 100.4mm Bore; MFI; Gasoline; Naturally Aspirated Ford Eng.; VIN Code E								19 (cont.)	
BLOCK											
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.							DESCRIPTION	
1	Main Set	07-01	7245MA	Std-10-20-30						A-Series aluminum bearings; Full flange thrust brg.	
1	Rod Set	07-01	6-3055CP	Std-10-20-30-40							
1	Rod Pair	07-01	3055CP	Std-10-20-30							
1	Bal. Shaft Set	07-01	1892M	Std Only						For shafts in crankcase; Front drive bushing not incl.	
1	Aux. Shaft Set	07-01	1881M	Std Only							
QTY	GASKETS	YEARS	PART NO.							DESCRIPTION	
1	Kit Gasket Set	03-01	260-1898							Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.	

Mercedes-Benz Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.2L	134.1	2199cc	DOHC L4	89.9mm	16	Mercedes-Benz Eng.		111.961		MFI/Gasoline	1996-1994	1
2.3L	140.0	2295cc	DOHC L4	90.9mm	16	Mercedes-Benz Eng.		111.974		MFI/Gasoline	1998-1997	2
2.3L	140.2	2299cc	SOHC L4	95.5mm	8	Mercedes-Benz Eng.		102.985		MFI/Gasoline	1993-1991	3
2.6L	158.5	2599cc	SOHC L6	82.9mm	12	Mercedes-Benz Eng.		103.940		MFI/Gasoline	1992-1991	4
2.6L	158.5	2599cc	SOHC L6	82.9mm	12	Mercedes-Benz Eng.		103.942		MFI/Gasoline	1993-1991	5
2.8L	170.7	2799cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.941		MFI/Gasoline	1995-1994	6
2.8L	170.7	2799cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.961		MFI/Gasoline	1997-1996	7
3.0L	180.6	2962cc	SOHC L6	88.5mm	12	Mercedes-Benz Eng.		103.981		MFI/Gasoline	1991	8
3.0L	180.6	2962cc	SOHC L6	88.5mm	12	Mercedes-Benz Eng.		103.983		MFI/Gasoline	1993-1991	9
3.0L	180.6	2962cc	SOHC L6	88.5mm	12	Mercedes-Benz Eng.		103.985		MFI/Gasoline	1993-1991	10
3.0L	182.8	2996cc	DOHC L6	87mm	24	Mercedes-Benz Eng.		606.912		MFI/Diesel	1997-1996	11
3.0L	182.8	2996cc	DOHC Turbo - Intercooled L6	87mm	24	Mercedes-Benz Eng.		606.962		MFI/Diesel	1999-1998	12
3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.990		MFI/Gasoline	1993-1992	13
3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.991		MFI/Gasoline	1997-1994	14
3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.992		MFI/Gasoline	1995-1993	15
3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.994		MFI/Gasoline	1997-1996	16
3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		104.995		MFI/Gasoline	1997-1996	17
3.5L	210.5	3449cc	SOHC Turbo L6	89mm	12	Mercedes-Benz Eng.		603.971		MFI/Diesel	1995-1994	18
6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		120.980		MFI/Gasoline	1995-1992	19
6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		120.981		MFI/Gasoline	1995-1993	20
6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		120.982		MFI/Gasoline	1997-1996	21
6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		120.983		MFI/Gasoline	1997-1996	22
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
102.985	2.3L	140.2	2299cc	SOHC L4	95.5mm	8	Mercedes-Benz Eng.		MFI/Gasoline	1993-1991	3	
103.940	2.6L	158.5	2599cc	SOHC L6	82.9mm	12	Mercedes-Benz Eng.		MFI/Gasoline	1992-1991	4	
103.942	2.6L	158.5	2599cc	SOHC L6	82.9mm	12	Mercedes-Benz Eng.		MFI/Gasoline	1993-1991	5	
103.981	3.0L	180.6	2962cc	SOHC L6	88.5mm	12	Mercedes-Benz Eng.		MFI/Gasoline	1991	8	
103.983	3.0L	180.6	2962cc	SOHC L6	88.5mm	12	Mercedes-Benz Eng.		MFI/Gasoline	1993-1991	9	

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
103.985	3.0L	180.6	2962cc	SOHC L6	88.5mm	12	Mercedes-Benz Eng.		MFI/Gasoline	1993-1991	10
104.941	2.8L	170.7	2799cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1995-1994	6
104.961	2.8L	170.7	2799cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1997-1996	7
104.990	3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1993-1992	13
104.991	3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1997-1994	14
104.992	3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1995-1993	15
104.994	3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1997-1996	16
104.995	3.2L	195.2	3199cc	DOHC L6	89.9mm	24	Mercedes-Benz Eng.		MFI/Gasoline	1997-1996	17
111.961	2.2L	134.1	2199cc	DOHC L4	89.9mm	16	Mercedes-Benz Eng.		MFI/Gasoline	1996-1994	1
111.974	2.3L	140.0	2295cc	DOHC L4	90.9mm	16	Mercedes-Benz Eng.		MFI/Gasoline	1998-1997	2
120.980	6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		MFI/Gasoline	1995-1992	19
120.981	6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		MFI/Gasoline	1995-1993	20
120.982	6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		MFI/Gasoline	1997-1996	21
120.983	6.0L	365.4	5987cc	DOHC V12	89mm	48	Mercedes-Benz Eng.		MFI/Gasoline	1997-1996	22
603.971	3.5L	210.5	3449cc	SOHC Turbo L6	89mm	12	Mercedes-Benz Eng.		MFI/Diesel	1995-1994	18
606.912	3.0L	182.8	2996cc	DOHC L6	87mm	24	Mercedes-Benz Eng.		MFI/Diesel	1997-1996	11
606.962	3.0L	182.8	2996cc	DOHC Turbo - Intercooled L6	87mm	24	Mercedes-Benz Eng.		MFI/Diesel	1999-1998	12
1	1996 - 1994; 2.2L 2199cc DOHC L4 (16 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 111.961										1
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	96-94	7315M	Std Only							
1	Thrust Washer Set	96-94	4561F	Std Only							
2	1998 - 1997; 2.3L 2295cc DOHC L4 (16 Valve), 90.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 111.974										2
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	98-97	7315M	Std Only							
1	Thrust Washer Set	98-97	4561F	Std Only							
3	1993 - 1991; 2.3L 2299cc SOHC L4 (8 Valve), 95.5mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 102.985										3
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Thrust Washer Set	93-91	4561F	Std Only							
1	Rod Set	93-91	4-4560P	Std-.25MM							
4	1992 - 1991; 2.6L 2599cc SOHC L6 (12 Valve), 82.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 103.940										4
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	92-91	7314M	Std-.25MM							
1	Thrust Washer Set	92-91	4561F	Std Only							
1	Rod Set	92-91	6-4560P .25MM	.25MM							
5	1993 - 1991; 2.6L 2599cc SOHC L6 (12 Valve), 82.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 103.942										5
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	93-91	7314M	Std-.25MM							
1	Thrust Washer Set	93-91	4561F	Std Only							
1	Rod Set	93-91	6-4560P .25MM	.25MM							
6	1995 - 1994; 2.8L 2799cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.941										6
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	95-94	7314M	Std-.25MM							
1	Thrust Washer Set	95-94	4561F	Std Only							

Mercedes-Benz Car

7	1997 - 1996; 2.8L 2799cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.961				7
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-96	7314M	Std-.25MM	
1	Thrust Washer Set	97-96	4561F	Std Only	
8	1991; 3.0L 2962cc SOHC L6 (12 Valve), 88.5mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 103.981				8
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	91	7314M	Std-.25MM	
1	Thrust Washer Set	91	4561F	Std Only	
1	Rod Set	91	6-4560P .25MM	.25MM	
9	1993 - 1991; 3.0L 2962cc SOHC L6 (12 Valve), 88.5mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 103.983				9
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	93-91	7314M	Std-.25MM	
1	Thrust Washer Set	93-91	4561F	Std Only	
1	Rod Set	93-91	6-4560P .25MM	.25MM	
10	1993 - 1991; 3.0L 2962cc SOHC L6 (12 Valve), 88.5mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 103.985				10
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	93-91	7314M	Std-.25MM	
1	Thrust Washer Set	93-91	4561F	Std Only	
1	Rod Set	93-91	6-4560P .25MM	.25MM	
11	1997 - 1996; 3.0L 2996cc DOHC L6 (24 Valve), 87mm Bore; MFI; Diesel; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 606.912				11
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-96	7314M	Std-.25MM	
1	Thrust Washer Set	97-96	4561F	Std Only	
1	Rod Set	97-96	6-4580P .50MM	.50MM	
12	1999 - 1998; 3.0L 2996cc DOHC Turbo - Intercooled L6 (24 Valve), 87mm Bore; MFI; Diesel; Turbo - Intercooled Mercedes-Benz Eng.; Eng. Code 606.962				12
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	99-98	7314M	Std-.25MM	
1	Thrust Washer Set	99-98	4561F	Std Only	
1	Rod Set	99-98	6-4580P .50MM	.50MM	
13	1993 - 1992; 3.2L 3199cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.990				13
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	93-92	7314M	Std-.25MM	
1	Thrust Washer Set	93-92	4561F	Std Only	
14	1997 - 1994; 3.2L 3199cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.991				14
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-94	7314M	Std-.25MM	
1	Thrust Washer Set	97-94	4561F	Std Only	
15	1995 - 1993; 3.2L 3199cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.992				15
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	95-93	7314M	Std-.25MM	
1	Thrust Washer Set	95-93	4561F	Std Only	

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16	1997 - 1996; 3.2L 3199cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.994				16
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-96	7314M	Std-.25MM	
1	Thrust Washer Set	97-96	4561F	Std Only	
17	1997 - 1996; 3.2L 3199cc DOHC L6 (24 Valve), 89.9mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 104.995				17
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	97-96	7314M	Std-.25MM	
1	Thrust Washer Set	97-96	4561F	Std Only	
18	1995 - 1994; 3.5L 3449cc SOHC Turbo L6 (12 Valve), 89mm Bore; MFI; Diesel; Turbo Mercedes-Benz Eng.; Eng. Code 603.971				18
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Main Set	95-94	7314M	Std-.25MM	
1	Thrust Washer Set	95-94	4561F	Std Only	
1	Rod Set	95-94	6-4580P .50MM	.50MM	
19	1995 - 1992; 6.0L 5987cc DOHC V12 (48 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 120.980				19
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Thrust Washer Set	95-92	4561F	Std Only	
20	1995 - 1993; 6.0L 5987cc DOHC V12 (48 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 120.981				20
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Thrust Washer Set	95-93	4561F	Std Only	
21	1997 - 1996; 6.0L 5987cc DOHC V12 (48 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 120.982				21
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Thrust Washer Set	97-96	4561F	Std Only	
22	1997 - 1996; 6.0L 5987cc DOHC V12 (48 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Mercedes-Benz Eng.; Eng. Code 120.983				22
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
1	Thrust Washer Set	97-96	4561F	Std Only	

Mercedes-Benz SUV's - See Mercedes-Benz Truck

Mercury Car - See Ford Car

Mercury Minivans - See Ford Truck

Mercury SUV's - See Ford Truck

Merkur - See Ford Car

Metropolitan - See British Leyland

MG - See British Leyland

Mini - See BMW Car

Mitsubishi Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.		4G15		MFI/Gasoline	2002-1991	1
1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.		G4DJ		MFI/Gasoline	1994-1991	2
1.6L	97.3	1595cc	DOHC L4	82.3mm	16	Mitsubishi Eng.		4G61		MFI/Gasoline	1992-1991	3
1.8L	107.1	1755cc	SOHC L4	80.6mm	8	Mitsubishi Eng.		4G37		MFI/Gasoline	1994-1991	4
1.8L	111.8	1834cc	SOHC L4	81mm	16	Mitsubishi Eng.		4G93		MFI/Gasoline	2002-1992	5
2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.		420A		MFI/Gasoline	1999-1995	6
2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.		A588		MFI/Gasoline	1999-1995	7
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.		4G63		MFI/Gasoline	1994-1991	8
2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.		4G63-T		MFI/Gasoline	1999-1991	9
2.0L	122.0	1997cc	SOHC L4	85mm	16	Mitsubishi Eng.		4G63		MFI/Gasoline	1993	10
2.0L	122.0	1997cc	SOHC L4	85mm	8	Mitsubishi Eng.		4G63		MFI/Gasoline	1992-1991	11
2.0L	122.0	1999cc	DOHC L4	81.5mm	16	Mitsubishi Eng.		4G94-T		MFI/Gasoline	2005-2003	12
2.0L	122.0	1999cc	SOHC L4	81.5mm	16	Mitsubishi Eng.		4G94		MFI/Gasoline	2005-2002	13
2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		4G64		MFI/Gasoline	1997-1994	14
2.4L	143.4	2351cc	SOHC L4	86.5mm	16	Mitsubishi Eng.		4G64		MFI/Gasoline	2005-1993	15
2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.		4G64		MFI/Gasoline	1992	16
2.4L	145.1	2378cc	SOHC L4	87mm	16	Mitsubishi Eng.		4G69		MFI/Gasoline	2005-2004	17
2.5L	152.2	2497cc	SOHC V6	83.5mm	24	Mitsubishi Eng.		6G73		MFI/Gasoline	1998-1995	18
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.		6G72		MFI/Gasoline	1999-1991	19
3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.		6G72-T		MFI/Gasoline	1999-1991	20
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.		6G72		MFI/Gasoline	1999-1991	21
3.0L	181.1	2972cc	SOHC V6	91.1mm	24	Mitsubishi Eng.		6G72		MFI/Gasoline	2005-1999	22
3.5L	213.3	3497cc	SOHC V6	93mm	24	Mitsubishi Eng.		6G74		MFI/Gasoline	2004-1997	23
3.8L	234.0	3828cc	SOHC V6	95mm	24	Mitsubishi Eng.		6G75		MFI/Gasoline	2010-2004	24

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
A588	2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.		MFI/Gasoline	1999-1995	7
G4DJ	1.5L	89.6	1468cc	SOHC L4	75.5mm	8	Mitsubishi Eng.		MFI/Gasoline	1994-1991	2
420A	2.0L	122.0	1996cc	DOHC L4	87.5mm	16	Chrysler Eng.		MFI/Gasoline	1999-1995	6
4G15	1.5L	89.6	1468cc	SOHC L4	75.5mm	12	Mitsubishi Eng.		MFI/Gasoline	2002-1991	1
4G37	1.8L	107.1	1755cc	SOHC L4	80.6mm	8	Mitsubishi Eng.		MFI/Gasoline	1994-1991	4
4G61	1.6L	97.3	1595cc	DOHC L4	82.3mm	16	Mitsubishi Eng.		MFI/Gasoline	1992-1991	3
4G63	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.		MFI/Gasoline	1994-1991	8
4G63	2.0L	122.0	1997cc	SOHC L4	85mm	16	Mitsubishi Eng.		MFI/Gasoline	1993	10
4G63	2.0L	122.0	1997cc	SOHC L4	85mm	8	Mitsubishi Eng.		MFI/Gasoline	1992-1991	11
4G63-T	2.0L	122.0	1997cc	DOHC L4	85mm	16	Mitsubishi Eng.		MFI/Gasoline	1999-1991	9
4G64	2.4L	143.4	2351cc	DOHC L4	86.5mm	16	Mitsubishi Eng.		MFI/Gasoline	1997-1994	14
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2005-1993	15
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.		MFI/Gasoline	1992	16
4G69	2.4L	145.1	2378cc	SOHC L4	87mm	16	Mitsubishi Eng.		MFI/Gasoline	2005-2004	17
4G93	1.8L	111.8	1834cc	SOHC L4	81mm	16	Mitsubishi Eng.		MFI/Gasoline	2002-1992	5
4G94	2.0L	122.0	1999cc	SOHC L4	81.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2005-2002	13
4G94-T	2.0L	122.0	1999cc	DOHC L4	81.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2005-2003	12
6G72	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.		MFI/Gasoline	1999-1991	19
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.		MFI/Gasoline	1999-1991	21
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	24	Mitsubishi Eng.		MFI/Gasoline	2005-1999	22
6G72-T	3.0L	181.1	2972cc	DOHC V6	91.1mm	24	Mitsubishi Eng.		MFI/Gasoline	1999-1991	20
6G73	2.5L	152.2	2497cc	SOHC V6	83.5mm	24	Mitsubishi Eng.		MFI/Gasoline	1998-1995	18
6G74	3.5L	213.3	3497cc	SOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	2004-1997	23
6G75	3.8L	234.0	3828cc	SOHC V6	95mm	24	Mitsubishi Eng.		MFI/Gasoline	2010-2004	24

1 **2002 - 1991; 1.5L 1468cc SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G15** **1**

VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Timing Belt	96-91	222-B191		
1	Timing Belt Tensioner	96-91	222-224BT		
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
4	Arm	97-91	R-1125	Std Only	Loc. Int. 1-3-5-7
2	Arm	97-91	R-1128	Std Only	Loc. Exh. 2-4
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
6	Exhaust	02-91	V-4376	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2576" Stem Dia., 3.981" O.A.L.
6	Intake	02-91	V-4374	Std Only	Chrome plated stem; 1.023" Head Dia., 0.2585" Stem Dia., 3.971" O.A.L.
6	Intake	02-91	V-4375	Std Only	Chrome plated stem; 1.22" Head Dia., 0.2584" Stem Dia., 3.969" O.A.L.

1 (cont.)		2002 - 1991; 1.5L 1468cc SOHC L4 (12 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G15				1 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	01-91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L	
6	Guide	01-91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
6	Spring	02-91	VS-1558	Std Only	Loc. Exh.; 1.837" Free Height	
6	Spring	02-91	VS-1559	Std Only	Loc. Int.; 1.781" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	02-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
6	Seat	02-00	245-1312-53	Std Only	Loc. Int.; .30MM O/S; 1.3195" OD, 0.98" ID, 0.293" Depth	
6	Seat	02-91	245-1125-52	Std Only	Loc. Int.; .925" ID top taper; Use w/1.023" head dia.; 1.125" OD, 0.825" ID, 0.285" Depth	
6	Seat	02-91	245-1312-62	Std Only	Loc. Int.; 1.120" ID top taper; Use w/1.220" head dia.; 1.3195" OD, 1.065" ID, 0.285" Depth	
6	Seat	02-91	245-1437-61	Std Only	Loc. Exh.; 1.4445" OD, 1.162" ID, 0.31" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	02-91	VK-230	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-00	E-619KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	02-97	E-948KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
1	Premium Set	96-92	E-619KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	91	E-619KC	Std.-50MM	From 6/90; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-91	6630M	Std.-25.-50MM		
1	Rod Set	02-91	4-4475RA	Std.-25.-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Screen Assy.	96-91	224-14281			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-91	260-1702		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8095			
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6327	----
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6327M	----
2		1994 - 1991; 1.5L 1468cc SOHC L4 (8 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4DJ				2
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	94-91	222-128		Interference Eng.	
1	Timing Belt Tensioner	94-91	222-33BT			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	94-91	V-2253	Std Only	Nitrided stem; 1.181" Head Dia., 0.258" Stem Dia., 3.97" O.A.L.	
4	Intake	94-91	V-4067	Std Only	Chrome plated stem; 1.379" Head Dia., 0.26" Stem Dia., 4.004" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	94-91	VG-721	Std Only	Loc. Exh.; 0.261" ID, 1.95" O.A.L	
4	Guide	94-91	VG-722	Std Only	Loc. Int.; 0.261" ID, 1.73" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	94-91	VS-1512	Std Only	Loc. Int. & Exh.; 1.799" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	94-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	94-91	VK-230	Std Only		
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	94-91	6630M	Std.-25.-50MM		
1	Rod Set	94-91	4-4475RA	Std.-25.-50MM		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	

Mitsubishi Car

2 (cont.)		1994 - 1991; 1.5L 1468cc SOHC L4 (8 Valve), 75.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code G4DJ				2 (cont.)	
BLOCK							
QTY	FREEZE PLUGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	92-91	381-8095				
1	Brass Deep Cup Freeze Plug	92-91	381-9009	35mm Diameter			
3		1992 - 1991; 1.6L 1595cc DOHC L4 (16 Valve), 82.3mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G61				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	92-91	222-B165				
1	Timing Belt Tensioner	92-91	222-327BT				
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	92-91	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N		
8	Exhaust	92-91	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability		
8	Intake	92-91	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N		
8	Intake	92-91	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	92-91	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L		
8	Guide	92-91	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
16	Spring	92-91	VS-1535	Std Only	1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
8	Valve Stem Seal	92-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
8	Seat	92-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth		
8	Seat	92-91	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	92-91	VK-230	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	92-91	E-742KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	92-91	5103M	Std-25-50-75MM			
1	Rod Set	92-91	4-3485CP	Std-25-50-75MM			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	92-91	260-1704	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6704	----	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6704M	----	
4		1994 - 1991; 1.8L 1755cc SOHC L4 (8 Valve), 80.6mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G37				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	94-91	222-158				
1	Bal. Shaft Belt	94-91	222-159				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	94-91	HT-6000	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	94-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
4	Exhaust	94-91	V-2658	Std Only	Chrome plated stem; 1.339" Head Dia., 0.3125" Stem Dia., 3.763" O.A.L.		
4	Intake	94-91	V-2659	Std Only	Chrome plated stem; 1.654" Head Dia., 0.3137" Stem Dia., 3.866" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
4	Guide	94-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
8	Valve Stem Seal	94-91	ST-2083	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			

4 (cont.)		1994 - 1991; 1.8L 1755cc SOHC L4 (8 Valve), 80.6mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G37				4 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION		
16	Keeper	94-91	VK-232	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Standard Set	94-91	E-541X	Std Only	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	94-91	WE-541KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	5103M	Std-.25-.50-.75MM			
1	Rod Set	94-91	4-3485CP	Std-.25-.50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-91	224-43664				
1	Screen Assy.	94-91	224-14281				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-91	260-1703		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				205-6375	205-1375	Re-ring
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				205-6375M	205-1375M	Re-ring w/Mains
5		2002 - 1992; 1.8L 1834cc SOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G93				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	96-92	222-B201				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	01-92	HT-6000	Std Only	Hyd. lash adj.		
16	Lifter, Bulk	01-92	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
4	Arm	98-92	R-1134	Std Only	Loc. Int. Front		
4	Arm	98-92	R-1136	Std Only	Loc. Exh.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	02-92	V-4657	Std Only	Chrome plated stem; 1.063" Head Dia., 0.2362" Stem Dia., 4.4685" O.A.L.		
8	Intake	02-92	V-4658	Std Only	Chrome plated stem; 1.1811" Head Dia., 0.2362" Stem Dia., 4.3307" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	01-92	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.		
4	Guide	00-92	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	00-92	245-1250-54	Std Only	Loc. Exh.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth		
4	Seat	93-92	245-1187-51	Std Only	Loc. Exh.; 1.1945" OD, 0.905" ID, 0.257" Depth		
4	Seat	93-92	245-1250-55	Std Only	Loc. Int.; 1.100" ID top taper; 1.257" OD, 1.005" ID, 0.255" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96-92	E-960KC	Std-.50-1.00MM	2-1.20MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-92	7356M .25MM	.25MM			
1	Thrust Washer Set	02-92	4741F	Std Only			
1	Rod Set	02-92	4-4740A	Std-.25MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-97	224-43595				
1	Oil Pump	96-92	224-43662				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	96-93	260-1821		Head bolts not incl.; California exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92	260-1821		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	00-92	381-8099				
1	Brass Deep Cup Freeze Plug	00-92	381-9009		35mm Diameter		

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5 (cont.)		2002 - 1992; 1.8L 1834cc SOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G93				5 (cont.)	
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
96-93	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6881	----	
92-92	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6881	----	
96-93	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6881M	----	
92-92	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6881M	----	
6		1999 - 1995; 2.0L 1996cc DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; Eng. Code 420A				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	99-95	222-B246				
1	Timing Belt	95	222-B167		Interference Eng.		
1	Timing Belt Tensioner	95	222-327BT				
1	Timing Belt & Tensioner Set	99-95	BTS-246				
1	Belt Idler	99-96	222-356BT		Loc. Lower		
1	Belt Idler	99-96	222-356BT		Loc. Upper		
1	Bal. Shaft Belt	95	222-B168		Interference Eng.; 65 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	99-95	HT-2278	Std Only	Hyd. lash adj.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	99-95	R-1098	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	99-95	V-4484	Std Only	1 groove; Chrome plated stem; 1.201" Head Dia., 0.2328" Stem Dia., 4.324" O.A.L.		
8	Intake	99-95	V-4485	Std Only	1 groove; Chrome plated stem; 1.37" Head Dia., 0.234" Stem Dia., 4.399" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	99-95	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	99-95	H853CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .035 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	99-95	E-901K	Std-50-.75-1.00MM	2-1.20MM, 1-3.00MM; Premium Moly		
4	Premium Single Cylinder Set	99-95	WE-901K .50MM	.50MM	2-1.20MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	99-95	7328M	Std-25-.50MM	O.E. Nos. 4856733 plain, 4856734 flanged		
4	Rod Pair	99-95	4615P	Std-25-.50-.75MM			
4	Rod Pair	99-95	4615P 25X2	25X2	Use in .002" O/S Rod Bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-95	224-43568				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	99-95	260-3028		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	99-95	260-2559	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
7		1999 - 1995; 2.0L 1996cc DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; Eng. Code A588				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	99-95	222-B246				
1	Timing Belt & Tensioner Set	99-95	BTS-246				
1	Belt Idler	95	222-356BT		Loc. Lower		
1	Belt Idler	95	222-356BT		Loc. Upper		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	99-95	HT-2278	Std Only	Hyd. lash adj.		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
16	Arm	99-95	R-1098	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		

7 (cont.)		1999 - 1995; 2.0L 1996cc DOHC L4 (16 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; Eng. Code A588				7 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	99-95	V-4484	Std Only	1 groove; Chrome plated stem; 1.201" Head Dia., 0.2328" Stem Dia., 4.324" O.A.L.		
8	Intake	99-95	V-4485	Std Only	1 groove; Chrome plated stem; 1.37" Head Dia., 0.234" Stem Dia., 4.399" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	99-95	VG-1387T	Std Only	Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	99-95	H853CP	Std-.50-.75-1.00MM	Hypereutectic; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.225 CD, Domed Head .035 high w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8271" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	99-95	E-901K	Std-.50-.75-1.00MM	2-1.20MM, 1-3.00MM; Premium Moly		
4	Premium Single Cylinder Set	99-95	WE-901K .50MM	.50MM	2-1.20MM, 1-3.00MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	99-95	7328M	Std-.25-.50MM	O.E. Nos. 4856733 plain, 4856734 flanged		
4	Rod Pair	99-95	4615P	Std-.25-.50-.75MM			
4	Rod Pair	99-95	4615P 25X2	25X2	Use in .002" O/S Rod Bore		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-95	224-43568				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	99-95	260-3028		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	99-95	260-2559	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
8		1994 - 1991; 2.0L 1997cc DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G63				8	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-91	222-B167				
1	Timing Belt Tensioner	94-91	222-327BT				
1	Timing Belt & Tensioner Set	94-91	BTS-167				
1	Bal. Shaft Belt	94-91	222-B168		65 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	94-91	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	94-91	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N		
8	Exhaust	94-91	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability		
8	Intake	94-91	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N		
8	Intake	94-91	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	94-91	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L.		
8	Guide	94-91	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	94-91	VS-1535	Std Only	1.8" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	94-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	94-91	245-1500-62	Std Only	Loc. Exh.; 1.304" ID top taper; 1.507" OD, 1.22" ID, 0.31" Depth		
4	Seat	94-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	94-91	VK-230	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	92	13507P	Std Only	To 1/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
4	Cast Piston	91	13507P	Std Only	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		

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8 (cont.)		1994 - 1991; 2.0L 1997cc DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G63				8 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	94-93	W13510P	Std.-50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.30mm deep x 72.00mm dia. w/4 valve reliefs, 22mm Pin Dia.		
4	Cast Piston - Individual	92	W13507P	Std Only	To 1/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
4	Cast Piston - Individual	92	W13510P	Std.-50MM	From 2/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.30mm deep x 72.00mm dia. w/4 valve reliefs, 22mm Pin Dia.		
4	Cast Piston - Individual	91	W13507P	Std Only	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 35.0mm CD, Recessed Head 2.10mm deep x 75.00mm dia. w/4 valve reliefs, 21.004mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-93	E-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	92	E-522KC	Std-1.00MM	To 4/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	92	E-647KC	Std Only	From 5/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
1	Premium Set	91	E-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	94-93	WE-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	92	WE-522KC	Std-1.00MM	To 4/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	92	WE-647KC	Std Only	From 5/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	91	WE-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-93	7348M	Std.-25MM			
1	Main Set	92	5103M	Std.-25-.50-.75MM	To 5/92		
1	Main Set	92	7348M	Std.-25MM	From 6/92		
1	Main Set	91	5103M	Std.-25-.50-.75MM			
1	Rod Set	94-93	4-4700A	Std.-25-.50MM			
1	Rod Set	92	4-3485CP	Std.-25-.50-.75MM	To 5/92		
1	Rod Set	92	4-4700A	Std.-25-.50MM	From 6/92		
1	Rod Set	91	4-3485CP	Std.-25-.50-.75MM			
1	Bal. Shaft Set	94-91	1810M	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-91	224-43602				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-93	260-1705		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92-91	260-1704		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6853	----	
92-92	To 4/92; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6328	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6328	----	
94-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6853M	----	
92-92	To 4/92; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6328M	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6328M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-93	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6250	----	
92-92	To 1/92; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. 13507P piston		Block Kit w/Premium Rings		BK-6296	----	
92-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. 13510P piston		Block Kit w/Premium Rings		BK-6298	----	
91-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. 13507P piston		Block Kit w/Premium Rings		BK-6296	----	

9		1999 - 1991; 2.0L 1997cc DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Turbo -			9	
Intercooled Mitsubishi Eng.; Eng. Code 4G63-T						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	99	222-B167		Interference Eng.	
1	Timing Belt	98-91	222-B167			
1	Timing Belt Tensioner	99-96	222-327BT			
1	Timing Belt Tensioner	94-91	222-327BT			
1	Timing Belt & Tensioner Set	99-95	BTS-246			
1	Timing Belt & Tensioner Set	94-91	BTS-167			
1	Belt Idler	95	222-356BT		Loc. Lower	
1	Belt Idler	95	222-356BT		Loc. Upper	
1	Bal. Shaft Belt	99	222-B168		Interference Eng.; 65 Teeth	
1	Bal. Shaft Belt	98-91	222-B168		65 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	92-91	HT-2274	Std Only	Hyd. lash adj.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	99-91	V-2653	Std Only	Chrome plated stem; 1.201" Head Dia., 0.2575" Stem Dia., 4.319" O.A.L.; Superseded - When depleted use V-2653N	
8	Exhaust	99-91	V-2653N	Std Only	Nitrided stem; 1.2010" Head Dia., 0.2575" Stem Dia., 4.3190" O.A.L.; New Part Number - Check for Availability	
8	Intake	99-91	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	
8	Intake	99-91	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	99-91	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L	
8	Guide	99-91	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	95-91	VS-1535	Std Only	1.8" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	99-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	99-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth	
8	Seat	95-91	245-1437-68	Std Only	Loc. Int.; 1.4445" OD, 1.135" ID, 0.3165" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	99-91	VK-230	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-93	E-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92	E-522KC	Std-1.00MM	To 4/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92	E-647KC	Std Only	From 5/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	91	E-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	94-93	WE-647KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	92	WE-522KC	Std-1.00MM	To 4/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	92	WE-647KC	Std Only	From 5/92; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	91	WE-522KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	99-98	7415M	Std-25MM		
1	Main Set	97-93	7348M	Std-25MM		
1	Main Set	92	5103M	Std-25-50-75MM	To 5/92	
1	Main Set	92	7348M	Std-25MM	From 6/92	
1	Main Set	91	5103M	Std-25-50-75MM		
1	Rod Set	99-93	4-4700A	Std-25-50MM		
1	Rod Set	92	4-3485CP	Std-25-50-75MM	To 5/92	
1	Rod Set	92	4-4700A	Std-25-50MM	From 6/92	
1	Rod Set	91	4-3485CP	Std-25-50-75MM		
1	Bal. Shaft Set	99-91	1810M	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	94-93	260-1705		Turbo mtg. gskts. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92-91	260-1704		Turbo mtg. gskts. not incl.; Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	99-95	260-2560	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	

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9 (cont.)		1999 - 1991; 2.0L 1997cc DOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; Eng. Code 4G63-T				9 (cont.)	
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-93	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6853	----	
92-92	To 4/92; Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6328	----	
91-91	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-6328	----	
94-93	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6853M	----	
92-92	To 4/92; Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6328M	----	
91-91	Turbo mtg. gskts. not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-6328M	----	
10		1993; 2.0L 1997cc SOHC L4 (16 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G63				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	93	222-B167	Interference Eng.			
1	Bal. Shaft Belt	93	222-B168	Interference Eng.; 65 Teeth			
BLOCK							
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	93	260-1808	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
11		1992 - 1991; 2.0L 1997cc SOHC L4 (8 Valve), 85mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G63				11	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	92-91	222-155				
1	Timing Belt Tensioner	92-91	222-333BT				
1	Bal. Shaft Belt	92	222-B168	From 6/92; 65 Teeth			
1	Bal. Shaft Belt	92-91	222-159				
1	Bal. Shaft Belt	92-91	222-B168	Interference Eng.; 65 Teeth			
1	Bal. Shaft Belt Tensioner	92-91	222-161BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	92-91	HT-6000	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	92-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92-91	V-3933	Std Only	Nitrided stem; 1.378" Head Dia., 0.3126" Stem Dia., 4.278" O.A.L.		
4	Intake	92-91	V-2331	Std Only	Chrome plated stem; 1.693" Head Dia., 0.3137" Stem Dia., 4.323" O.A.L.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Standard Set	92-91	E-455X	Std.-75-1.00-1.50MM	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	92-91	WE-455KC	Std.-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
4	Standard Single Cylinder Set	92-91	WE-455X	Std.-50-75-1.00MM	2-1.50MM, 1-4.00MM; Iron		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	5103M	Std.-25-50-75MM			
1	Rod Set	92-91	4-3485CP	Std.-25-50-75MM			
1	Bal. Shaft Set	92-91	1810M	Std Only			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	92-91	260-1199	Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring			205-875	205-375	
92-91	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains			205-875M	205-375M	

12		2005 - 2003; 2.0L 1999cc DOHC L4 (16 Valve), 81.5mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; Eng. Code 4G94-T				12
VALVETRAIN						
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	05-03	222-B167			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Intake	05-03	V-2652	Std Only	Chrome plated stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; Superseded - When depleted use V-2652N	
8	Intake	05-03	V-2652N	Std Only	Nitrided stem; 1.339" Head Dia., 0.2575" Stem Dia., 4.321" O.A.L.; New Part Number - Check for Availability	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	05-03	VK-230	Std Only	Loc. Int. & Exh.	
13		2005 - 2002; 2.0L 1999cc SOHC L4 (16 Valve), 81.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G94				13
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	05-02	222-B201			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-02	V-4657	Std Only	Chrome plated stem; 1.063" Head Dia., 0.2362" Stem Dia., 4.4685" O.A.L.	
8	Intake	05-02	V-4658	Std Only	Chrome plated stem; 1.1811" Head Dia., 0.2362" Stem Dia., 4.3307" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Thrust Washer Set	05-02	4741F	Std Only		
14		1997 - 1994; 2.4L 2351cc DOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				14
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	97-94	HT-6000	Std Only	Hyd. lash adj.	
16	Lifter, Bulk	97-94	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	97-94	RS-745	Std Only	Loc. Int.	
1	Rocker Shaft	97-94	RS-746	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	97-94	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.	
8	Intake	97-94	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	97-94	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-94	7348M	Std.-25MM		
1	Rod Set	97-94	4-4700A	Std.-25-50MM		
1	Bal. Shaft Set	97-94	1810M	Std Only		
15		2005 - 1993; 2.4L 2351cc SOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				15
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	99	222-B230			
1	Timing Belt	98-97	222-B230			
1	Timing Belt	96	222-B230			
1	Timing Belt	95-93	222-B230			
1	Bal. Shaft Belt	03	222-B168		65 Teeth	
1	Bal. Shaft Belt	02	222-B168		65 Teeth	
1	Bal. Shaft Belt	01-97	222-B168		65 Teeth	
1	Bal. Shaft Belt	96	222-B168		65 Teeth	
1	Bal. Shaft Belt	95-93	222-B168		65 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	05-93	HT-6000	Std Only	Hyd. lash adj.	
8	Lifter, Bulk	05-93	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	00-93	RS-745	Std Only	Loc. Int.	
1	Rocker Shaft	00-93	RS-746	Std Only	Loc. Exh.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	05-93	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.	

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15 (cont.)		2005 - 1993; 2.4L 2351cc SOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				15 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Intake	05-93	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	05-93	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.		
8	Guide	05-93	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	05-00	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth		
8	Seat	05-00	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	99-93	4K13590P	Std Only	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.360 CD, Recessed Head .160 deep w/2 valve reliefs, 22.009mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	05-01	E-949KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	00-99	E-949KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	98-97	E-949KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	96	E-949KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	95-93	E-949KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-98	7415M	Std-25MM			
1	Main Set	97-93	7348M	Std-25MM			
1	Thrust Washer Set	03-98	4709F	Std Only			
1	Rod Set	00-93	4-4700A	Std-25-50MM			
1	Bal. Shaft Set	00-93	1810M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	05-00	260-3041		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-1808		Head bolts not incl.; California exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99	260-3041		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	98-95	260-1808		Head bolts not incl.; California exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1808		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	05-00	260-2560	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
1	Head Bolt Set	99	260-2560	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
98-97	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6808	----
96-95	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6808	----
94-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring	205-6808	----
97-97	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6808M	----
96-95	Head bolts not incl.; Calif. exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6808M	----
94-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.				Re-ring w/Mains	205-6808M	----
16		1992; 2.4L 2351cc SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64					16
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92	222-B204				
1	Bal. Shaft Belt	92	222-159				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92	V-2660	Std Only	Chrome plated stem; 1.496" Head Dia., 0.3126" Stem Dia., 4.141" O.A.L.		
4	Intake	92	V-2661	Std Only	Chrome plated stem; 1.811" Head Dia., 0.314" Stem Dia., 4.1909" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	92	245-1875-51	Std Only	Loc. Int.; 1.882" OD, 1.575" ID, 0.317" Depth		

16 (cont.)		1992; 2.4L 2351cc SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				16 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	92	VK-232	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92	E-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome		
1	Standard Set	92	E-524X	Std Only	2-1.50MM, 1-4.00MM; Iron		
4	Premium Single Cylinder Set	92	WE-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92	5103M	Std.-25-50-.75MM			
1	Rod Set	92	4-3485CP	Std.-25-50-.75MM			
1	Cam Set	92	1858M	Std Only			
1	Bal. Shaft Set	92	1810M	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92	260-1709		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92	381-8099				
1	Brass Deep Cup Freeze Plug	92	381-9009		35mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6335	205-1335	
92-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6335M	205-1335M	
17		2005 - 2004; 2.4L 2378cc SOHC L4 (16 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G69				17	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Bal. Shaft Belt	05-04	222-B168		65 Teeth		
18		1998 - 1995; 2.5L 2497cc SOHC V6 (24 Valve), 83.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G73				18	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	98-95	222-B259		187 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	98-95	HT-6000	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	98-95	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	98-95	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.		
12	Intake	98-95	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	98-95	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.		
12	Guide	98-95	VG-1401T	Std Only	Loc. Exh.; Threaded; 0.236" ID, 1.99" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	98-95	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth		
12	Seat	98-95	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	97-95	H841CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Domed Head .012 high w/4 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.		
6	Cast Piston - Individual	97-95	WH841CP	Std.-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.250 CD, Domed Head .012 high w/4 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98-95	E-929KC	Std.-50-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
6	Premium Single Cylinder Set	98-95	WE-929KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98-95	7090M	Std.-25-50-.75MM			
1	Thrust Washer Set	98-95	1736AF	Std Only			

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18 (cont.)		1998 - 1995; 2.5L 2497cc SOHC V6 (24 Valve), 83.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G73				18 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Rod Set	98-95	6-1735CP	Std.-25-.50-.75MM			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	98-95	260-1759	Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
1	Head Bolt Set	98	260-2516	Std Only Replacement recommended			
KITS							
RE-RING KIT							
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.		
98-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			205-6854	----	Re-ring	
98-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			205-6854M	----	Re-ring w/Mains	
OVERHAUL KIT							
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.		
97-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			BK-6300	----	Block Kit w/Premium Rings	
19		1999 - 1991; 3.0L 2972cc DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72					19
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	99-97	222-B195	257 Teeth			
1	Timing Belt	96	222-B195	257 Teeth			
1	Timing Belt	95-91	222-B195	257 Teeth			
1	Timing Belt Tensioner	95-94	222-195BT				
1	Belt Idler	99-97	222-353BT	Loc. R.H.			
1	Belt Idler	99-97	222-354BT	Loc. L.H.			
1	Belt Idler	96	222-353BT	Loc. R.H.			
1	Belt Idler	96	222-354BT	Loc. L.H.			
1	Belt Idler	95-91	222-353BT	Loc. R.H.			
1	Belt Idler	95-91	222-354BT	Loc. L.H.			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
24	Lifter	96-91	HT-2274	Std Only Hyd. lash adj.			
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
12	Exhaust	98-91	V-4506	Std Only Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.			
12	Intake	98-91	V-4505	Std Only Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
12	Guide	99-91	VG-903	Std Only Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L.			
12	Guide	99-91	VG-904	Std Only Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L.			
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
12	Valve Stem Seal	98-91	ST-2056	Std Only Positive type, Metal Clad; (RBB) Rubber			
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
12	Seat	98-91	245-1312-64	Std Only Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth			
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	99-91	E-930KC	Std.-50MM 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome			
1	Premium Single Cylinder Set	99-91	WE-930KC	Std.-50MM 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome			
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	99-91	7355M	Std.-25MM			
1	Thrust Washer Set	99-91	1736AF	Std Only Loc. 3			
1	Rod Set	99-91	6-1735CP	Std.-25-.50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	99-93	224-43598				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	99-96	260-1936	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	95	260-1936	From 10/04/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	95	260-1937	To 10/03/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	94	260-1937	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			
1	Kit Gasket Set	93	260-1938	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			

19 (cont.)		1999 - 1991; 3.0L 2972cc DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72			19 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	92-91	260-1939		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.
1	Head Bolt Set	99-91	260-2516	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	96-91	381-8090		
1	Brass Deep Cup Freeze Plug	96-91	381-9001		1.625" Diameter
1	Brass Deep Cup Freeze Plug	96-91	381-9008		1.375" Diameter
1	Brass Shallow Cup Freeze Plug	96-91	381-7152		25mm Diameter
20		1999 - 1991; 3.0L 2972cc DOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Turbo - Intercooled Mitsubishi Eng.; Eng. Code 6G72-T			20
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	99-91	222-B195		257 Teeth
1	Timing Belt Tensioner	99-91	222-224BT		Loc. L.H.
1	Belt Idler	99	222-353BT		Loc. R.H.
1	Belt Idler	99	222-354BT		Loc. L.H.
1	Belt Idler	92-91	222-353BT		Loc. R.H.
1	Belt Idler	92-91	222-354BT		Loc. L.H.
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
24	Lifter	96-91	HT-2274	Std Only	Hyd. lash adj.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
12	Exhaust	98-91	V-4506	Std Only	Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.
12	Intake	98-91	V-4505	Std Only	Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	99-91	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L
12	Guide	99-91	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	98-91	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
12	Seat	98-91	245-1312-64	Std Only	Loc. Exh.; 1.319" OD, 1.045" ID, 0.3165" Depth
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	99-91	H874CP .75MM	.75MM	Use w/E-930KC ring set; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.24 CD, Recessed Head. .132 deep w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.8667" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	99-91	E-930KC	Std-.50MM	Use w/H874CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
6	Premium Single Cylinder Set	99-91	WE-930KC	Std-.50MM	Use w/H874CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99-91	7355M	Std-.25MM	
1	Thrust Washer Set	99-91	1736AF	Std Only	Loc. 3
1	Rod Set	99-91	6-1735CP	Std-.25-.50-.75MM	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	99-96	260-1940		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	95	260-1940		From 10/04/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	95	260-1941		To 10/03/94; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	94-91	260-1941		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Head Bolt Set	99-91	260-2516	Std Only	Replacement recommended
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	92-91	381-8090		
1	Brass Deep Cup Freeze Plug	92-91	381-9001		1.625" Diameter
1	Brass Deep Cup Freeze Plug	92-91	381-9008		1.375" Diameter
1	Brass Shallow Cup Freeze Plug	92-91	381-7152		25mm Diameter
21		1999 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72			21
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	99-91	222-139		149 Teeth
1	Timing Belt Tensioner	99-91	222-195BT		

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21 (cont.)		1999 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72			21 (cont.)	
VALVETRAIN						
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	99-91	R-1122	Std Only	w/Rlr. lifters	
6	VALVE Exhaust	99-91	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.	
6	Intake	99-91	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.	
6	VALVE GUIDE Guide	99-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L.	
12	VALVE SPRING Spring	99-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height	
12	Spring, Bulk	99-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height	
12	VALVE SEAL Valve Stem Seal	99-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
6	VALVE SEAT Seat	97-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth	
6	Seat	97-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth	
24	VALVE, MISC Keeper	99-91	VK-232	Std Only		
BLOCK						
6	PISTON Cast Piston	98-93	H694CP	Std-50-.75MM	Hypereutectic; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
6	Cast Piston - Individual	98-93	WH694CP	Std-50-.75MM	Hypereutectic; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.	
1	Cast Piston Set w/Prem. Rings	98-93	6KH694CP	Std-.50MM	Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	RINGS Premium Set	98-94	E-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	93	E-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome	
1	Premium Set	93	E-930KC	Std-.50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	93	E-528X	Std-.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Iron	
1	Standard Set	92-91	E-528X	Std-.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	98-94	WE-930KC	Std-.50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93	WE-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93	WE-930KC	Std-.50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	92-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	ENGINE BEARINGS Main Set	99-91	7090M	Std-.25-.50-.75MM		
1	Thrust Washer Set	99-91	1736AF	Std Only	Loc. 3	
1	Rod Set	99-91	6-1735CP	Std-.25-.50-.75MM		
1	OIL PUMP Oil Pump	99-97	224-43651			
1	Oil Pump	96	224-43651			
1	Oil Pump	95-92	224-43651			
1	Pump Repair Kit	99-91	224-51385			
1	GASKETS Kit Gasket Set	92	260-1838		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	91	260-1839		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	99-91	260-2516	Std Only	Replacement recommended	
1	FREEZE PLUGS Brass Block Plug Kit	96-91	381-8090			
1	Brass Deep Cup Freeze Plug	96-91	381-9001		1.625" Diameter	
1	Brass Deep Cup Freeze Plug	96-91	381-9008		1.375" Diameter	
1	Brass Shallow Cup Freeze Plug	96-91	381-7152		25mm Diameter	

21 (cont.)		1999 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72				21 (cont.)
KITS						
RE-RING KIT (cont.)						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6882	205-1882
91-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6882M	205-1882M
22		2005 - 1999; 3.0L 2972cc SOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72				22
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	05-99	222-B259		187 Teeth	
1	Timing Belt Tensioner	05-99	222-195BT			
1	Timing Belt & Tensioner Set	05-99	BTS-259			
1	Belt Idler	05-99	222-353BT		Loc. R.H.	
1	Belt Idler	05-99	222-354BT		Loc. L.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	05-99	HT-6000	Std Only	Hyd. lash adj.	
24	Lifter, Bulk	05-99	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	05-99	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.	
12	Intake	05-99	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	05-99	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.	
12	Guide	05-99	VG-1401T	Std Only	Loc. Exh.; Threaded; 0.236" ID, 1.99" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	05-99	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth	
12	Seat	05-99	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	04-00	7090M	Std.-25-.50-.75MM		
1	Thrust Washer Set	04-00	1736AF	Std Only		
1	Rod Set	04-00	6-1735CP	Std.-25-.50-.75MM		
23		2004 - 1997; 3.5L 3497cc SOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G74				23
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt Tensioner	04-97	222-224BT			
1	Belt Idler	04-97	222-353BT		Loc. R.H.	
1	Belt Idler	04-97	222-354BT		Loc. L.H.	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	04-97	HT-6000	Std Only	Loc. Intake & Exhaust; Hyd. lash adj.	
24	Lifter, Bulk	04-97	HT-6000B	Std Only	Loc. Intake & Exhaust; Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	04-97	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.	
12	Intake	04-97	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	04-97	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L.	
12	Guide	04-97	VG-1401T	Std Only	Loc. Exh.; Threaded; 0.236" ID, 1.99" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	04-97	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth	
12	Seat	04-97	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth	
24		2010 - 2004; 3.8L 3828cc SOHC V6 (24 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G75				24
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt Tensioner	09-04	222-224BT			
1	Belt Idler	10-07	222-353BT		Loc. R.H.; AWD	
1	Belt Idler	10-07	222-354BT		Loc. L.H.; AWD	
1	Belt Idler	06	222-353BT		Loc. R.H.; AWD	

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24 (cont.)	2010 - 2004; 3.8L 3828cc SOHC V6 (24 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G75										24 (cont.)
VALVETRAIN											
QTY	TIMING (cont.)	YEARS	PART NO.	DESCRIPTION							
1	Belt Idler	06	222-354BT	Loc. L.H.; AWD							
1	Belt Idler	05	222-353BT	Loc. R.H.; AWD							
1	Belt Idler	05	222-354BT	Loc. L.H.; AWD							

Mitsubishi Minivans - See Mitsubishi Truck

Mitsubishi SUV's - See Mitsubishi Truck

Mitsubishi Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.4L	143.4	2351cc	SOHC L4	86.5mm	16	Mitsubishi Eng.		4G64		MFI/Gasoline	2003-1997	1
2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.		4G64		MFI/Gasoline	1996-1991	2
3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.		6G72		MFI/Gasoline	1995-1991	3
3.0L	181.1	2972cc	SOHC V6	91.1mm	24	Mitsubishi Eng.		6G72		MFI/Gasoline	2003-1995	4
3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		6G74		MFI/Gasoline	1996-1994	5
3.5L	213.3	3497cc	SOHC V6	93mm	24	Mitsubishi Eng.		6G74		MFI/Gasoline	2004-1997	6
3.7L	226.0	3704cc	SOHC V6	93mm	12	Chrysler Eng.	K			MFI/Gasoline	2009-2006	7
3.8L	234.0	3828cc	SOHC V6	95mm	24	Mitsubishi Eng.		6G75		MFI/Gasoline	2010-2003	8
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	N			MFI/Gasoline	2009-2006	9
4.7L	287.0	4703cc	SOHC V8	93mm	16	Chrysler Eng.	P			MFI/Flex Fuel	2009-2007	10

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	16	Mitsubishi Eng.		MFI/Gasoline	2003-1997	1
4G64	2.4L	143.4	2351cc	SOHC L4	86.5mm	8	Mitsubishi Eng.		MFI/Gasoline	1996-1991	2
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	12	Mitsubishi Eng.		MFI/Gasoline	1995-1991	3
6G72	3.0L	181.1	2972cc	SOHC V6	91.1mm	24	Mitsubishi Eng.		MFI/Gasoline	2003-1995	4
6G74	3.5L	213.3	3497cc	DOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	1996-1994	5
6G74	3.5L	213.3	3497cc	SOHC V6	93mm	24	Mitsubishi Eng.		MFI/Gasoline	2004-1997	6
6G75	3.8L	234.0	3828cc	SOHC V6	95mm	24	Mitsubishi Eng.		MFI/Gasoline	2010-2003	8

1	2003 - 1997; 2.4L 2351cc SOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64										1
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VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	99-97	222-B230								
1	Bal. Shaft Belt	02-97	222-B168	65 Teeth							
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
8	Exhaust	03	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.						
8	Exhaust	99-97	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.						
8	Intake	03	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.						
8	Intake	99-97	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
8	Guide	99-97	VG-1400T	Std Only	Loc. Int.; Threaded; 0.236" ID, 1.79" O.A.L						
8	Guide	99-97	VG-1418T	Std Only	Loc. Exh.; 0.236" ID, 1.99" O.A.L						
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION							
8	Seat	03	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth						
8	Seat	03	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth						

BLOCK											
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	03	E-949KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome						
1	Premium Set	99-97	E-949KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome						
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	03-98	7415M	Std.-25MM							
1	Main Set	97	7348M	Std.-25MM							
1	Thrust Washer Set	03-98	4709F	Std Only							

Mitsubishi Truck (Incl. Minivans and SUV's)

1 (cont.)	2003 - 1997; 2.4L 2351cc SOHC L4 (16 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				1 (cont.)
BLOCK					
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION
1	Rod Set	00-97	4-4700A	Std.-25-50MM	
1	Bal. Shaft Set	00-97	1810M	Std Only	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	03-00	260-3041		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
1	Head Bolt Set	03-00	260-2560	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
98-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6808	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6808M	----
2	1996 - 1991; 2.4L 2351cc SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				2
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	96-93	222-B229		
1	Timing Belt	92-91	222-124		
1	Timing Belt Tensioner	96-91	222-105BT		
1	Timing Belt & Tensioner Set	92-91	BTS-124		
1	Bal. Shaft Belt	96-93	222-B168		65 Teeth
1	Bal. Shaft Belt	92-91	222-159		
1	Bal. Shaft Belt Tensioner	92-91	222-161BT		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
8	Lifter	96-91	HT-6000	Std Only	Hyd. lash adj.
8	Lifter, Bulk	96-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	96-93	V-2660	Std Only	Chrome plated stem; 1.496" Head Dia., 0.3126" Stem Dia., 4.141" O.A.L.
4	Intake	96-93	V-2661	Std Only	Chrome plated stem; 1.811" Head Dia., 0.314" Stem Dia., 4.1909" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
4	Guide	96-93	VG-714	Std Only	Loc. Exh.; 0.316" ID, 2.05" O.A.L
4	Guide	96-93	VG-715	Std Only	Loc. Int.; 0.3155" ID, 1.85" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
8	Spring	96-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height
8	Spring, Bulk	96-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
8	Valve Stem Seal	96	ST-2121	Std Only	Positive type; (RBB) Rubber; Superseded - When depleted use ST-2083
8	Valve Stem Seal	96-93	ST-2083	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
4	Seat	95-91	245-1875-51	Std Only	Loc. Int.; 1.882" OD, 1.575" ID, 0.317" Depth
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	96-92	E-885KC	Std Only	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome
1	Premium Set	93-91	E-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome
1	Standard Set	93-91	E-524X	Std Only	2-1.50MM, 1-4.00MM; Iron
4	Premium Single Cylinder Set	93-91	WE-524KC	Std Only	2-1.50MM, 1-4.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	96-93	7348M	Std.-25MM	
1	Main Set	92-91	5103M	Std.-25-.75MM	
1	Rod Set	96-93	4-4700A	Std.-25-50MM	
1	Rod Set	92-91	4-3485CP	Std.-25-.75MM	
1	Cam Set	96-91	1858M	Std Only	
1	Bal. Shaft Set	96-91	1810M	Std Only	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	96-93	224-43597		
1	Screen Assy.	96-91	224-14282		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	92-91	260-1709		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	96-91	381-8099		
1	Brass Deep Cup Freeze Plug	96-91	381-9009		35mm Diameter

Mitsubishi Truck (Incl. Minivans and SUV's)

2 (cont.)		1996 - 1991; 2.4L 2351cc SOHC L4 (8 Valve), 86.5mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 4G64				2 (cont.)	
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6335	205-1335	
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6335M	205-1335M	
3		1995 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-91	222-139		149 Teeth		
1	Timing Belt Tensioner	95-91	222-195BT				
1	Timing Belt & Tensioner Set	95	BTS-259				
1	Timing Belt & Tensioner Set	94-91	BTS-139				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	95-91	HT-6000	Std Only	Hyd. lash adj.		
12	Lifter, Bulk	95-91	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	94-91	R-1003	Std Only	w/Mech. lifters		
12	Arm	94-91	R-1122	Std Only	w/Rlr. lifters		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	95-91	V-3952	Std Only	Nitrided stem; 1.375" Head Dia., 0.3125" Stem Dia., 4.043" O.A.L.		
6	Intake	95-91	V-2563	Std Only	Nitrided stem; 1.692" Head Dia., 0.3133" Stem Dia., 4.066" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	95-91	VG-1315	Std-2	Loc. Exh.; w/cir-clip & groove; 0.315" ID, 1.89" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	95-91	VS-1461	Std Only	Loc. Int. & Exh.; 1.96" Free Height		
12	Spring, Bulk	95-91	VS-1461B	Std Only	Loc. Int. & Exh.; Carton of 250; 1.96" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	95-94	ST-2121	Std Only	Positive type; (RBB) Rubber; Superseded - When depleted use ST-2083		
12	Valve Stem Seal	93-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	95-91	245-1562-69	Std Only	Loc. Exh.; 1.5695" OD, 1.219" ID, 0.317" Depth		
6	Seat	95-91	245-1750-61	Std Only	Loc. Int.; 1.757" OD, 1.445" ID, 0.31" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	95-91	VK-232	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	95-94	H694CP	Std-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston	93	H694CP	Std-50-.75MM	From 12/92; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston	93	H834CP	Std-50-.75-1.00-1.50MM	To 11/92; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston	92-91	H834CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	95-94	WH694CP	Std-50-.75MM	Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	95-94	WH834CP	Std-50-.75-1.00-1.50MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	93	WH694CP	Std-50-.75MM	From 12/92; Hypereutectic; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		
6	Cast Piston - Individual	93	WH834CP	Std-50-.75-1.00-1.50MM	To 11/92; Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 0.8661" Pin Dia.		

Mitsubishi Truck (Incl. Minivans and SUV's)

3 (cont.)	1995 - 1991; 3.0L 2972cc SOHC V6 (12 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72				3 (cont.)	
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	95-94	6KH694CP	Std.-50MM	Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	93	6KH694CP	Std.-50MM	From 12/92; Cast; 1 -, 1.20mm Groove, 1 - 1.50mm Groove, 1 - 3.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	93	6KH834CP .50MM	.50-.75-1.00MM	To 11/92; Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	92-91	6KH834CP .50MM	.50-.75-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.252 CD, Recessed Head .125 deep w/2 valve reliefs; Repl. both L.H. & R.H. pistons; DUROSHIELD® skirt coated piston, 21.999mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-94	E-930KC	Std.-50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	93	E-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome	
1	Premium Set	93	E-930KC	Std.-50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92-91	E-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	93	E-528X	Std.-50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Iron	
1	Standard Set	92-91	E-528X	Std.-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	95-94	WE-930KC	Std.-50MM	Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93	WE-528KC .50MM	.50-.75-1.00MM	To 11/30/92; 2-1.50MM, 1-4.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93	WE-930KC	Std.-50MM	From 12/1/92; Use w/H694CP piston; 1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
6	Premium Single Cylinder Set	92-91	WE-528KC .50MM	.50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7090M	Std.-25-.50-.75MM		
1	Thrust Washer Set	95-91	1736AF	Std Only	Loc. 3	
1	Rod Set	95-91	6-1735CP	Std.-25-.50-.75MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	94-91	224-43653			
1	Pump Repair Kit	94-91	224-51385			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95-91	260-1839		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	95-91	260-2516	Std Only	Replacement recommended	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	94-91	381-8090			
1	Brass Deep Cup Freeze Plug	94-91	381-9001		1.625" Diameter	
1	Brass Deep Cup Freeze Plug	94-91	381-9008		1.375" Diameter	
1	Brass Shallow Cup Freeze Plug	94-91	381-7152		25mm Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
93-93	To 11/30/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6882	205-1882
93-93	To 11/30/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6882M	205-1882M
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring	205-6882	205-1882
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6882M	205-1882M
OVERHAUL KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
95-93	From 12/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H694CP piston			Block Kit w/Premium Rings	BK-6273	----
93-91	To 11/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston			Block Kit w/Premium Rings	BK-6301	----
95-93	From 12/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H694CP piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6273	----
93-91	To 11/92; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; Incl. H834CP piston			Block Kit w/Oil Pump & Freeze Plugs	BKP-6301	----

Mitsubishi Truck (Incl. Minivans and SUV's)

4		2003 - 1995; 3.0L 2972cc SOHC V6 (24 Valve), 91.1mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G72				4	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	03-97	222-B259		187 Teeth		
1	Timing Belt	96-95	222-B259		187 Teeth		
1	Timing Belt Tensioner	99-97	222-195BT				
1	Timing Belt Tensioner	96-95	222-195BT				
1	Timing Belt & Tensioner Set	02-00	BTS-259				
1	Belt Idler	03-00	222-353BT		Loc. R.H.		
1	Belt Idler	03-00	222-354BT		Loc. L.H.		
1	Belt Idler	98-97	222-353BT		Loc. R.H.		
1	Belt Idler	98-97	222-354BT		Loc. L.H.		
1	Belt Idler	96-95	222-353BT		Loc. R.H.		
1	Belt Idler	96-95	222-354BT		Loc. L.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	03-95	HT-6000	Std Only	Hyd. lash adj.		
24	Lifter, Bulk	03-95	HT-6000B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	03-95	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.		
12	Intake	03-95	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	03-95	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	03-95	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth		
12	Seat	03-95	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-00	7090M	Std.-25-.50-.75MM			
1	Thrust Washer Set	03-00	1736AF	Std Only	Loc. 3		
1	Rod Set	03-02	6-1735CP	Std.-25-.50-.75MM	To 9/02		
1	Rod Set	01-00	6-1735CP	Std.-25-.50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	03-97	224-43652				
1	Oil Pump	96-95	224-43652				
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-95	381-8090				
1	Brass Deep Cup Freeze Plug	96-95	381-9001		1.625" Diameter		
1	Brass Deep Cup Freeze Plug	96-95	381-9008		1.375" Diameter		
1	Brass Shallow Cup Freeze Plug	96-95	381-7152		25mm Diameter		
5		1996 - 1994; 3.5L 3497cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G74				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Belt Idler	96-94	222-353BT		Loc. R.H.		
1	Belt Idler	96-94	222-354BT		Loc. L.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	96-94	HT-2274	Std Only	Hyd. lash adj.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	96-94	V-4506	Std Only	Chrome plated stem; 1.199" Head Dia., 0.2576" Stem Dia., 4.153" O.A.L.		
12	Intake	96-94	V-4505	Std Only	Chrome plated stem; 1.375" Head Dia., 0.2588" Stem Dia., 4.186" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	96-94	VG-903	Std Only	Loc. Exh.; .4785" OD; 0.258" ID, 1.99" O.A.L		
12	Guide	96-94	VG-904	Std Only	Loc. Int.; .008" O/S, .4840" OD; 0.258" ID, 1.8" O.A.L		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
24	Valve Stem Seal	96-94	ST-2056	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	96-94	VK-230	Std Only			
6		2004 - 1997; 3.5L 3497cc SOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G74				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt Tensioner	04-00	222-224BT				
1	Belt Idler	04-99	222-353BT		Loc. R.H.		
1	Belt Idler	04-99	222-354BT		Loc. L.H.		

Mitsubishi Truck (Incl. Minivans and SUV's)

6 (cont.)		2004 - 1997; 3.5L 3497cc SOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G74				6 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Belt Idler	98	222-353BT		Loc. R.H.		
1	Belt Idler	98	222-354BT		Loc. L.H.		
1	Belt Idler	97	222-353BT		Loc. R.H.		
1	Belt Idler	97	222-354BT		Loc. L.H.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	03-00	V-4512	Std Only	1 groove; Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 4.497" O.A.L.		
12	Intake	03-00	V-4511	Std Only	1 groove; Chrome plated stem; 1.299" Head Dia., 0.2348" Stem Dia., 4.424" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	04-00	245-1250-59	Std Only	Loc. Exh.; .30MM O/S; 1.257" OD, 0.982" ID, 0.329" Depth		
12	Seat	04-00	245-1375-62	Std Only	Loc. Int.; .30MM O/S; 1.210" ID top taper; 1.375" OD, 1.1" ID, 0.3" Depth		
BLOCK							
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-03	224-43652				
1	Oil Pump	02	224-43652				
1	Oil Pump	01-99	224-43652				
7		2009 - 2006; 3.7L 3704cc SOHC V6 (12 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code K				7	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Intake	09	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
6	Intake	08	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
6	Intake	07-06	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	07-06	VG-1436	Std Only	0.2752" ID, 1.7020" O.A.L.; New Part Number - Check for Availability		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	06	H883CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.		
6	Cast Piston - Individual	06	WH883CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	07-06	224-43647				
1	Screen Assy.	08-06	224-15071		New Part Number - Check for Availability		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	06	260-1960		w/Plastic valve covers; Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	07-06	381-8203				
1	Steel Block Plug Kit	07-06	381-9680				
8		2010 - 2003; 3.8L 3828cc SOHC V6 (24 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Mitsubishi Eng.; Eng. Code 6G75				8	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt Tensioner	08-03	222-224BT				
1	Belt Idler	10-07	222-353BT		Loc. R.H.; AWD		
1	Belt Idler	10-07	222-354BT		Loc. L.H.; AWD		
1	Belt Idler	06-05	222-353BT		Loc. R.H.; AWD		
1	Belt Idler	06-05	222-354BT		Loc. L.H.; AWD		
1	Belt Idler	05	222-353BT		Loc. R.H.; 4WD		
1	Belt Idler	05	222-354BT		Loc. L.H.; 4WD		
1	Belt Idler	04	222-353BT		Loc. R.H.; AWD		
1	Belt Idler	04	222-353BT		Loc. R.H.; 4WD		
1	Belt Idler	04	222-354BT		Loc. L.H.; AWD		
1	Belt Idler	04	222-354BT		Loc. L.H.; 4WD		
1	Belt Idler	03	222-353BT		Loc. R.H.; 4WD		
1	Belt Idler	03	222-354BT		Loc. L.H.; 4WD		

Mitsubishi Truck (Incl. Minivans and SUV's)

9		2009 - 2006; 4.7L 4703cc SOHC V8 (16 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Chrysler Eng.; VIN Code N								9	
VALVETRAIN											
QTY	CAMSHAFT/LIFTER (cont.)	YEARS	PART NO.		DESCRIPTION						
16	Lifter	07	HT-2271	Std Only	Hyd. lash adj.						
16	Lifter	06	HT-2271	Std Only	Hyd. lash adj.						
16	Lifter, Bulk	07	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128						
16	Lifter, Bulk	06	HT-2271B	Std Only	Hyd. lash adj.; Carton of 128						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
8	Intake	07-06	V-4677	Std Only	3 groove; 1.915" Head Dia., 0.2734" Stem Dia., 4.481" O.A.L.						
BLOCK											
QTY	PISTON	YEARS	PART NO.		DESCRIPTION						
8	Cast Piston	07-06	H883CP	Std.-50-.75-1.00MM	Hypereutectic; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 0.946" Pin Dia.						
8	Cast Piston - Individual	07-06	WH883CP	Std Only	Cast; 2 - 1.50mm Groove, 1 - 3.00mm Groove, 1.240 CD, Flat Head; DUROSHIELD® skirt coated piston, 24.028mm Pin Dia.						
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION						
1	Oil Pump	07-06	224-43647								
1	Screen Assy.	07-06	224-15065								
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION						
1	Kit Gasket Set	07-06	260-1969		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.						
2	Head Bolt Set	09-06	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability						
10		2009 - 2007; 4.7L 4703cc SOHC V8 (16 Valve), 93mm Bore; MFI; Flex Fuel; Naturally Aspirated Chrysler Eng.; VIN Code P								10	
BLOCK											
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION						
2	Head Bolt Set	09-07	260-2546	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability						

Morris - See British Leyland

Nash - See American Motors Car

Navistar Truck - See International Truck

Nissan Car (Incl. Datsun, Infiniti, Nissan)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.6L	97.5	1597cc	DOHC L4	76mm	16	Nissan Eng.		GA16DE		MFI/Gasoline	1999-1991	1
1.8L	107.9	1769cc	DOHC L4	80mm	16	Nissan Eng.		QG18DE		MFI/Gasoline	2003-2000	2
2.0L	122.0	1998cc	DOHC L4	86mm	16	Nissan Eng.		SR20DE		MFI/Gasoline	2002-1991	3
2.4L	146.0	2389cc	DOHC L4	89mm	16	Nissan Eng.		KA24DE		MFI/Gasoline	2001-1991	4
2.4L	146.0	2389cc	SOHC L4	89mm	12	Nissan Eng.		KA24E		MFI/Gasoline	1992-1991	5
3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		VE30DE		MFI/Gasoline	1994-1992	6
3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		VG30D		MFI/Gasoline	1996-1991	7
3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		VG30DE		MFI/Gasoline	1997-1991	8
3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		VG30DETT		MFI/Gasoline	1996-1991	9
3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		VG30DTT		MFI/Gasoline	1996-1991	10
3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.		VG30		MFI/Gasoline	1992-1991	11
3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.		VG30E		MFI/Gasoline	1994-1991	12
3.0L	181.0	2988cc	DOHC V6	93mm	24	Nissan Eng.		VQ30DE		MFI/Gasoline	2001-1995	13
3.5L	214.0	3498cc	DOHC V6	95.5mm	24	Nissan Eng.		VQ35DE		MFI/Gasoline	2003-2002	14
4.1L	252.0	4130cc	DOHC V8	93mm	32	Nissan Eng.		VH41DE		MFI/Gasoline	2001-1997	15
4.5L	274.0	4494cc	DOHC V8	93mm	32	Nissan Eng.		VH45DE		MFI/Gasoline	1996-1991	16
4.5L	274.0	4494cc	DOHC V8	93mm	32	Nissan Eng.		VK45DE		MFI/Gasoline	2003-2002	17
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
GA16DE	1.6L	97.5	1597cc	DOHC L4	76mm	16	Nissan Eng.		MFI/Gasoline	1999-1991	1	
KA24DE	2.4L	146.0	2389cc	DOHC L4	89mm	16	Nissan Eng.		MFI/Gasoline	2001-1991	4	
KA24E	2.4L	146.0	2389cc	SOHC L4	89mm	12	Nissan Eng.		MFI/Gasoline	1992-1991	5	
QG18DE	1.8L	107.9	1769cc	DOHC L4	80mm	16	Nissan Eng.		MFI/Gasoline	2003-2000	2	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
SR20DE	2.0L	122.0	1998cc	DOHC L4	86mm	16	Nissan Eng.		MFI/Gasoline	2002-1991	3
VE30DE	3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		MFI/Gasoline	1994-1992	6
VG30	3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.		MFI/Gasoline	1992-1991	11
VG30D	3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		MFI/Gasoline	1996-1991	7
VG30DE	3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		MFI/Gasoline	1997-1991	8
VG30DETT	3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		MFI/Gasoline	1996-1991	9
VG30DTT	3.0L	181.0	2960cc	DOHC V6	87mm	24	Nissan Eng.		MFI/Gasoline	1996-1991	10
VG30E	3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.		MFI/Gasoline	1994-1991	12
VH41DE	4.1L	252.0	4130cc	DOHC V8	93mm	32	Nissan Eng.		MFI/Gasoline	2001-1997	15
VH45DE	4.5L	274.0	4494cc	DOHC V8	93mm	32	Nissan Eng.		MFI/Gasoline	1996-1991	16
VK45DE	4.5L	274.0	4494cc	DOHC V8	93mm	32	Nissan Eng.		MFI/Gasoline	2003-2002	17
VQ30DE	3.0L	181.0	2988cc	DOHC V6	93mm	24	Nissan Eng.		MFI/Gasoline	2001-1995	13
VQ35DE	3.5L	214.0	3498cc	DOHC V6	95.5mm	24	Nissan Eng.		MFI/Gasoline	2003-2002	14
1	1999 - 1991; 1.6L 1597cc DOHC L4 (16 Valve), 76mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code GA16DE										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Chain	95-91	222-3SR54T3	Loc. Upper; 54 Links							
1	Timing Chain	95-91	222-S80T2X	Loc. Lower; 80 Links							
1	Timing Chain Tensioner	94-91	222-229CT	Loc. Upper							
1	Timing Chain Tensioner	94-91	222-230CT	Loc. Lower							
1	Timing Chain Guide	94-91	222-231GP	Loc. Upper							
1	Timing Chain Guide	94-91	222-233GP	Loc. L.H. Lower							
1	Timing Chain Guide	94-91	222-234GP	Loc. R.H. Lower							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION							
16	Lifter	99-91	HT-2284	Std Only	Mech.						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
8	Exhaust	99-95	V-4650	Std Only	Chrome plated stem; 0.984" Head Dia., 0.2146" Stem Dia., 3.646" O.A.L.						
8	Exhaust	94-91	V-2642	Std Only	0.947" Head Dia., 0.2155" Stem Dia., 3.647" O.A.L.						
8	Intake	99-91	V-2643	Std Only	1.181" Head Dia., 0.2155" Stem Dia., 3.631" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
8	Guide	99-91	VG-822	Std Only	Loc. Int.; 0.217" ID, 1.575" O.A.L.						
8	Guide	99-91	VG-823	Std Only	Loc. Exh.; 0.217" ID, 1.575" O.A.L.						
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION							
16	Spring	98-96	VS-1572	Std Only	Loc. Int. & Exh.; Exc. Eng. built in Mexico; 1.645" Free Height						
16	Spring	95-91	VS-1572	Std Only	Loc. Int. & Exh.; 1.645" Free Height						
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
16	Valve Stem Seal	99-91	ST-2114	Std Only	Loc. Int. & Exh.; Positive type; (RBB) Rubber						
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION							
4	Seat	99-91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth						
4	Seat	99-91	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
32	Keeper	99-91	VK-251	Std Only							
BLOCK											
QTY	PISTON	YEARS	PART NO.	DESCRIPTION							
1	Cast Piston Set w/Prem. Rings	94-91	4K13595P	Std-50MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.140 CD, Recessed Head .190 deep x 2.600 dia., 18.999mm Pin Dia.						
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	99-95	E-950KC	Std-50-1.00MM	1-1.50MM, 1-2.80MM; Premium Chrome						
1	Premium Set	94-91	E-561KC	Std-50-.75-1.00MM	2-1.50MM, 1-2.80MM; Premium Chrome						
1	Standard Set	94-91	E-561X	Std Only	2-1.50MM, 1-2.80MM; Iron						
4	Premium Single Cylinder Set	94-91	WE-561KC	Std Only	2-1.50MM, 1-2.80MM; Premium Chrome						
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	99-91	7257M	Std-25-50MM							
1	Thrust Washer Set	99-91	4693F	Std Only	Loc. 3						
1	Rod Set	99-91	4-66780CP	Std-25-.50-.75MM							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION							
1	Oil Pump	99-95	224-43586	When depleted use 224-43579							
1	Oil Pump	99-91	224-43579								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION							
1	Kit Gasket Set	99-95	260-1942	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.							
1	Kit Gasket Set	94-91	260-1794	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.							

Nissan Car (Incl. Datsun, Infiniti, Nissan)

1 (cont.)		1999 - 1991; 1.6L 1597cc DOHC L4 (16 Valve), 76mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code GA16DE				1 (cont.)	
BLOCK							
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8094				
1	Brass Deep Cup Freeze Plug	92-91	381-9012		30mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6794E	205-1794E	
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6794EM	205-1794EM	
2		2003 - 2000; 1.8L 1769cc DOHC L4 (16 Valve), 80mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code QG18DE				2	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	03-00	HT-2284	Std Only	Mech.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	02-00	VS-1572	Std Only	Loc. Int. & Exh.; 1.645" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-00	ST-2114	Std Only	Loc. Int. & Exh.; Positive type; (RBB) Rubber		
3		2002 - 1991; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code SR20DE				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Chain	02-91	222-S124T3X				
1	Crank Sprocket	02-91	223-699		18 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	00-91	HT-2285	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	02-00	V-4641	Std Only	1.185" Head Dia., 0.2342" Stem Dia., 3.909" O.A.L.		
8	Exhaust	99-91	V-2644X	Std Only	1.181" Head Dia., 0.2343" Stem Dia., 4.028" O.A.L.		
8	Intake	02-00	V-4626	Std Only	1.3445" Head Dia., 0.235" Stem Dia., 3.874" O.A.L.		
8	Intake	99-91	V-2645X	Std Only	1.339" Head Dia., 0.2352" Stem Dia., 3.99" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	01-91	VG-824	Std Only	Loc. Int.; 0.2365" ID, 1.69" O.A.L.		
8	Guide	01-91	VG-825	Std Only	Loc. Exh.; 0.2365" ID, 1.69" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	02-91	ST-2081	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	01-91	245-1250-57	Std Only	Loc. Exh.; 1.102" ID top taper; 1.25" OD, 0.982" ID, 0.212" Depth		
8	Seat	01-91	245-1437-71	Std Only	Loc. Int.; 1.210" ID top taper; 1.4375" OD, 1.162" ID, 0.214" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	01-91	VK-250	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00-91	E-633KC	Std.-50-1.00MM	2-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-91	7375M	Std.-25MM			
1	Thrust Washer Set	02-91	4806F	Std Only			
1	Rod Set	02-91	4-4805P	Std.-25MM			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94	260-1803		To 01/31/94; Throttle body below int. manifold; Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	93-91	260-1803		Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-91	381-8093				

Nissan Car (Incl. Datsun, Infiniti, Nissan)

3 (cont.)	2002 - 1991; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code SR20DE				3 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-94	To 1/31/94; Throttle body below int. manifold; Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring		205-6884	----
93-91	Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring		205-6884	----
94-94	To 1/31/94; Throttle body below int. manifold; Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring w/Mains		205-6884M	----
93-91	Head bolts not incl.; Exh. pipe to muffler gskt. not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring w/Mains		205-6884M	----
4	2001 - 1991; 2.4L 2389cc DOHC L4 (16 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24DE				4
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	97-91	KT-4029S	Incl. Cam, Crank, Chain (2), Idler Spkt, Tensioner (2), Guide (2)	
1	Timing Chain	98	222-3DR48T3	48 Links	
1	Timing Chain	97	222-3DR48T3	48 Links	
1	Timing Chain	97	222-3DR48T3	From 6/97; 48 Links	
1	Timing Chain	96-91	222-3DR48T3	48 Links	
1	Timing Chain Tensioner	97-91	222-236CT		
1	Layshaft Chain	98	222-3SR92T2	92 Links	
1	Layshaft Chain	97	222-3SR92T2	92 Links	
1	Layshaft Chain	97	222-3SR92T2	From 6/97; 92 Links	
1	Layshaft Chain	96-91	222-3SR92T2	92 Links	
1	Layshaft Chain Tensioner	97-91	222-235CT		
1	Layshaft Chain Guide	97	222-240GP	Loc. L.H. Lower	
1	Layshaft Chain Guide	97-91	222-239GP	Loc. R.H. Lower; Slack Side	
1	Layshaft Chain Guide	96-91	222-240GP	Loc. L.H. Lower; Tension Side	
1	Crank Sprocket	01-00	223-699	18 Teeth	
1	Crank Sprocket	98	223-699	18 Teeth	
1	Crank Sprocket	97	223-699	18 Teeth	
1	Crank Sprocket	97	223-699	From 6/97; 18 Teeth	
1	Crank Sprocket	96-91	223-699	18 Teeth	
1	Cam Sprocket	98	223-778	19 teeth; 19 Teeth	
1	Cam Sprocket	97	223-778	2 Req'd; 19 teeth; 19 Teeth	
1	Cam Sprocket	97	223-778	From 6/97; 19 teeth; 19 Teeth	
2	Cam Sprocket	96-91	223-778	19 teeth; 19 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	01-91	HT-2286	Std Only	Mech.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	98	V-2646X	Std Only	1.231" Head Dia., 0.274" Stem Dia., 3.888" O.A.L.
8	Exhaust	97	V-2646X	Std Only	From 6/97; 1.231" Head Dia., 0.274" Stem Dia., 3.888" O.A.L.
8	Exhaust	96-91	V-2646X	Std Only	1.231" Head Dia., 0.274" Stem Dia., 3.888" O.A.L.
8	Intake	98-97	V-2647	Std Only	1.441" Head Dia., 0.2743" Stem Dia., 3.988" O.A.L.
8	Intake	96-91	V-2647	Std Only	1.441" Head Dia., 0.2743" Stem Dia., 3.988" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	01-99	VG-828	Std Only	Loc. Exh.; 0.276" ID, 2.205" O.A.L
8	Guide	00-99	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L
8	Guide	98	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L
8	Guide	98	VG-828	Std Only	Loc. Exh.; 0.276" ID, 2.205" O.A.L
8	Guide	97	VG-812	Std Only	Loc. Int.; From 6/97; 0.276" ID, 2.07" O.A.L
8	Guide	97	VG-828	Std Only	Loc. Exh.; From 6/97; 0.276" ID, 2.205" O.A.L
8	Guide	96	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L
8	Guide	96	VG-828	Std Only	Loc. Exh.; 0.276" ID, 2.205" O.A.L
8	Guide	95-91	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L
8	Guide	95-91	VG-828	Std Only	Loc. Exh.; 0.276" ID, 2.205" O.A.L
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
16	Valve Stem Seal	99-91	ST-2069	Std Only	Positive type; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	97-91	245-1312-52	Std Only	Loc. Exh.; 1.087" ID top taper; 1.3195" OD, 1.06" ID, 0.24" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	01-99	VK-250	Std Only	
32	Keeper	98	VK-249	Std Only	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

4 (cont.)		2001 - 1991; 2.4L 2389cc DOHC L4 (16 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24DE			4 (cont.)	
VALVETRAIN						
QTY	VALVE, MISC (cont.)	YEARS	PART NO.		DESCRIPTION	
32	Keeper	97-91	VK-249	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	98	4K13599PA	Std Only	Cast; 2 - , 1.50mm Groove, 1 - 2.80mm Groove, 1.338 CD, Recessed Head .260 deep x 3.00 dia.; Anodized top, 21.001mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	97-91	4K13599PA	Std Only	Cast; 2 - , 1.50mm Groove, 1 - 2.80mm Groove, 1.338 CD, Recessed Head .260 deep x 3.00 dia.; Anodized top, 21.001mm Pin Dia.	
4	Pin Bushing	01-91	4464Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	98-91	E-559KC	Std-50-.75-1.00MM	2-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	01-91	WE-559KC	Std Only	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-91	7285M	Std-.25-.50MM		
1	Rod Set	01-91	4-4460P	Std-.25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-99	224-43581			
1	Oil Pump	98-97	224-43581			
1	Oil Pump	97	224-43583			
1	Oil Pump	96-95	224-43583			
1	Oil Pump	96-93	224-43581			
1	Oil Pump	94-93	224-43580			
1	Oil Pump	92-91	224-43580			
1	Screen Assy.	01-98	224-14286			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01-99	260-1863		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
1	Kit Gasket Set	98-97	260-1862		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98-97	260-1863		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
1	Kit Gasket Set	96	260-1863		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
1	Kit Gasket Set	96-95	260-1862		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	95-93	260-1756		Head bolts not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
1	Kit Gasket Set	94-93	260-1757		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92-91	260-1757		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	96-91	381-8093			
KITS						
RE-RING KIT					<i>PREMIUM</i>	<i>STANDARD</i>
YEARS	DESCRIPTION				<i>KIT NO.</i>	<i>KIT NO.</i>
01-99	Exh. pipe flange not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.		Re-ring		205-6889	----
98-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6888	----
98-97	Exh. pipe flange not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.		Re-ring		205-6889	----
96-96	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6888	----
96-96	Exh. pipe flange not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.		Re-ring		205-6889	----
95-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6435	----
95-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6888	----

Nissan Car (Incl. Datsun, Infiniti, Nissan)

4 (cont.)	2001 - 1991; 2.4L 2389cc DOHC L4 (16 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24DE				4 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-93	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6435	----
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6435A	----
01-99	Exh. pipe flange not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring w/Mains		205-6889M	----
98-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6888M	----
98-97	Exh. pipe flange not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring w/Mains		205-6889M	----
96-96	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6888M	----
96-96	Exh. pipe flange not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring w/Mains		205-6889M	----
95-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6435M	----
95-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6888M	----
94-93	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6435M	----
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6435AM	----
5	1992 - 1991; 2.4L 2389cc SOHC L4 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24E				5
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	92-91	KT-4021S	Incl. Cam, Crank, Chain, Tensioner, Guide (2)	
1	Timing Chain	92-91	222-SR102T2	102 Links	
1	Timing Chain Tensioner	92-91	222-176CT		
1	Timing Chain Guide	92-91	222-177GP	Loc. Tension Side	
1	Timing Chain Guide	92-91	222-178GP	Loc. Slack Side	
1	Crank Sprocket	92-91	223-699	18 Teeth	
1	Cam Sprocket	92-91	223-694	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
1	Camshaft	92-91	CS-1543	Lifter is part of rocker arm assy.; Hydraulic, (050) Duration at .050 Lobe Lift, 216 Exh., 210 Int., 109 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.
1	Prelube		55-403	Std Only	1.5 oz. packet
QTY	ROCKER PARTS	YEARS	PART NO.	DESCRIPTION	
4	Arm	92-91	R-1018	Std Only	Loc. Int. Front; Rocker arm w/lifter (integral type)
4	Arm	92-91	R-1019	Std Only	Loc. Int. Rear; Rocker arm w/lifter (integral type)
2	Arm	92-91	R-1020	Std Only	Loc. Exh. 1-3; Rocker arm w/lifter (integral type)
2	Arm	92-91	R-1021	Std Only	Loc. Exh. 2-4; Rocker arm w/lifter (integral type)
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
4	Exhaust	92-91	V-2581X	Std Only	Chrome plated stem; 1.578" Head Dia., 0.313" Stem Dia., 4.814" O.A.L.
8	Intake	92-91	V-2580	Std Only	Chrome plated stem; 1.344" Head Dia., 0.2745" Stem Dia., 4.777" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	92-91	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L.
4	Guide	92-91	VG-813	Std Only	Loc. Exh.; 0.31" ID, 2.2" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
4	Spring	92-91	VS-944	Std Only	Loc. Exh. Inner; 1.9" Free Height
4	Spring	92-91	VS-941	Std Only	Loc. Exh. Outer; 2.1" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
8	Valve Stem Seal	92-91	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®
4	Valve Stem Seal	92-91	ST-2069	Std Only	Loc. Exh.; Positive type; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
4	Seat	92-91	245-1687-56	Std Only	Loc. Exh.; 1.6945" OD, 1.375" ID, 0.295" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
24	Keeper	92-91	VK-249	Std Only	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

5 (cont.)		1992 - 1991; 2.4L 2389cc SOHC L4 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24E				5 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	92-91	4K13598PA	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.326 CD, Recessed Head .030 deep x 3.072 dia.; Anodized top, 21.001mm Pin Dia.		
4	Pin Bushing	92-91	4464Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-559KC	Std-50-.75-1.00MM	2-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	92-91	WE-559KC	Std Only	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7285M	Std-.25-.50MM			
1	Rod Set	92-91	4-4460P	Std-.25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-43637				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1795		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8093				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6886	----	
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6886M	----	
6		1994 - 1992; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VE30DE				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Layshaft Chain	94-92	222-3SR86T3		86 Links		
1	Timing Belt	93-92	222-104		Square tooth		
1	Timing Belt & Tensioner Set	94	BTS-249		Round tooth		
1	Timing Belt & Tensioner Set	93-92	BTS-104		Square tooth		
1	Belt Idler	94-92	222-342BT		Loc. L.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	94-92	HT-2285	Std Only			
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
2	Rocker Shaft	92	RS-648	Std Only	Loc. Exh.		
2	Rocker Shaft	92	RS-649	Std Only	Loc. Int.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	94-92	V-4351	Std Only	Chrome plated stem; 1.205" Head Dia., 0.2344" Stem Dia., 4.044" O.A.L.		
12	Intake	94-92	V-4350	Std Only	Chrome plated stem; 1.382" Head Dia., 0.2352" Stem Dia., 4.35" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	94-92	VG-923	Std Only	Loc. Exh.; 0.2165" ID, 1.94" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
24	Spring	92	VS-1446	Std Only	Loc. Outer; 2.065" Free Height		
24	Spring	92	VS-876	Std Only	Loc. Inner; 1.755" Free Height		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	94-92	245-1312-52	Std Only	Loc. Exh.; 1.087" ID top taper; 1.3195" OD, 1.06" ID, 0.24" Depth		
12	Seat	94-92	245-1500-77	Std Only	Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	92	VK-243	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-92	E-558KC	Std-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome		
6	Premium Single Cylinder Set	94-92	WE-558KC	Std-.50MM	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-92	7322M	Std Only			
1	Rod Set	94-92	6-4605P	Std Only			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	94-92	381-8092				
1	Steel Block Plug Kit	94-92	381-9667				
1	Brass Deep Cup Freeze Plug	94-92	381-9012		30mm Diameter		
1	Steel Deep Cup Freeze Plug	94-92	381-3172		30mm Diameter		

Nissan Car (Incl. Datsun, Infiniti, Nissan)

7		1996 - 1991; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30D				7
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-91	222-104		Square tooth	
1	Timing Belt & Tensioner Set	94	BTS-249		Round tooth	
1	Timing Belt & Tensioner Set	93-91	BTS-104		Square tooth	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	92-91	R-922	Std Only		
2	Rocker Shaft	92-91	RS-648	Std Only	Loc. Exh.	
2	Rocker Shaft	92-91	RS-649	Std Only	Loc. Int.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	96-91	V-4198X	Std Only	1.164" Head Dia., 0.2343" Stem Dia., 4.081" O.A.L.	
12	Intake	96-91	V-4065	Std Only	1.3425" Head Dia., 0.2352" Stem Dia., 4.063" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	96-91	VG-923	Std Only	Loc. Exh.; 0.2165" ID, 1.94" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
24	Spring	92-91	VS-1446	Std Only	Loc. Outer; 2.065" Free Height	
24	Spring	92-91	VS-876	Std Only	Loc. Inner; 1.755" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	96-92	245-1500-77	Std Only	Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth	
12	Seat	91	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	92-91	VK-243	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-91	E-558KC	Std-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome	
6	Premium Single Cylinder Set	96-91	WE-558KC	Std-.50MM	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	7322M	Std Only		
1	Rod Set	96-91	6-4605P	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96-93	260-1804		Int. manifold gskts. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	92-91	260-1804		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	96-92	381-8092			
1	Steel Block Plug Kit	96-92	381-9667			
1	Brass Deep Cup Freeze Plug	96-92	381-9012		30mm Diameter	
1	Steel Deep Cup Freeze Plug	96-92	381-3172		30mm Diameter	
8		1997 - 1991; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30DE				8
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Layshaft Chain	94-91	222-3SR86T3		86 Links	
1	Timing Belt	93-91	222-104		Square tooth	
1	Timing Belt & Tensioner Set	94	BTS-249		Round tooth	
1	Timing Belt & Tensioner Set	93-91	BTS-104		Square tooth	
1	Belt Idler	97-91	222-342BT		Loc. L.H.	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
24	Arm	92-91	R-922	Std Only		
2	Rocker Shaft	92-91	RS-648	Std Only	Loc. Exh.	
2	Rocker Shaft	92-91	RS-649	Std Only	Loc. Int.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	96-91	V-4198X	Std Only	1.164" Head Dia., 0.2343" Stem Dia., 4.081" O.A.L.	
12	Intake	96-91	V-4065	Std Only	1.3425" Head Dia., 0.2352" Stem Dia., 4.063" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	96-91	VG-923	Std Only	Loc. Exh.; 0.2165" ID, 1.94" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
24	Spring	92-91	VS-1446	Std Only	Loc. Outer; 2.065" Free Height	
24	Spring	92-91	VS-876	Std Only	Loc. Inner; 1.755" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	96-92	245-1500-77	Std Only	Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth	
12	Seat	91	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	92-91	VK-243	Std Only		

Nissan Car (Incl. Datsun, Infiniti, Nissan)

8 (cont.)		1997 - 1991; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30DE				8 (cont.)
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	97-91	E-558KC	Std.-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome	
6	Premium Single Cylinder Set	97-91	WE-558KC	Std.-50MM	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-91	7322M	Std Only		
1	Rod Set	97-91	6-4605P	Std Only		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-93	260-1804		Int. manifold gskts. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	92-91	260-1804		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	97-92	381-8092			
1	Steel Block Plug Kit	97-92	381-9667			
1	Brass Deep Cup Freeze Plug	97-92	381-9012		30mm Diameter	
1	Steel Deep Cup Freeze Plug	97-92	381-3172		30mm Diameter	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
97-93	Int. manifold gskts. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring	205-6890	----
92-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring	205-6890	----
97-93	Int. manifold gskts. not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring w/Mains	205-6890M	----
92-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring w/Mains	205-6890M	----
9		1996 - 1991; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Turbo - Intercooled Nissan Eng.; Eng. Code VG30DETT				9
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Belt Idler	96-91	222-342BT		Loc. L.H.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	96-91	V-4198X	Std Only	1.164" Head Dia., 0.2343" Stem Dia., 4.081" O.A.L.	
12	Intake	96-91	V-4065	Std Only	1.3425" Head Dia., 0.2352" Stem Dia., 4.063" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	96-91	VG-923	Std Only	Loc. Exh.; 0.2165" ID, 1.94" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	96-91	245-1500-77	Std Only	Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-91	E-558KC	Std.-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome	
6	Premium Single Cylinder Set	96-91	WE-558KC	Std.-50MM	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	7322M	Std Only		
1	Rod Set	96-91	6-4605P	Std Only		
10		1996 - 1991; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Turbo - Intercooled Nissan Eng.; Eng. Code VG30DTT				10
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Belt Idler	96-91	222-342BT		Loc. L.H.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	96-91	V-4198X	Std Only	1.164" Head Dia., 0.2343" Stem Dia., 4.081" O.A.L.	
12	Intake	96-91	V-4065	Std Only	1.3425" Head Dia., 0.2352" Stem Dia., 4.063" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	96-91	VG-923	Std Only	Loc. Exh.; 0.2165" ID, 1.94" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	96-91	245-1500-77	Std Only	Loc. Int.; 1.235" ID top taper; 1.5" OD, 1.175" ID, 0.236" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-91	E-558KC	Std.-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome	
6	Premium Single Cylinder Set	96-91	WE-558KC	Std.-50MM	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

10 (cont.)		1996 - 1991; 3.0L 2960cc DOHC V6 (24 Valve), 87mm Bore; MFI; Gasoline; Turbo - Intercooled Nissan Eng.; Eng. Code VG30DTT				10 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	96-91	7322M	Std Only			
1	Rod Set	96-91	6-4605P	Std Only			
11		1992 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30				11	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-104		Square tooth		
1	Timing Belt Tensioner	92-91	222-124BT				
1	Timing Belt & Tensioner Set	92-91	BTS-104		Square tooth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	92-91	HT-2198	Std Only	Hyd.		
12	Lifter, Bulk	92-91	HT-2198B	Std Only	Hyd.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	92-91	R-922	Std Only			
1	Rocker Shaft	92-91	RS-648	Std Only	Loc. Exh.		
1	Rocker Shaft	92-91	RS-649	Std Only	Loc. Int.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	92-91	V-2330	Std Only	Nitrided stem; 1.382" Head Dia., 0.3138" Stem Dia., 4.901" O.A.L.		
6	Intake	92-91	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	92-91	VG-757 8	8	Loc. Exh.; 0.3152" ID, 2.5" O.A.L.		
6	Guide	92-91	VG-758 8	8	Loc. Int.; 0.276" ID, 2.31" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	92-91	VS-1446	Std Only	Loc. Outer; 2.065" Free Height		
12	Spring	92-91	VS-876	Std Only	Loc. Inner; 1.755" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	92-91	ST-2034	Std Only	Loc. Exh.; Positive type; (VTN) Viton®		
6	Valve Stem Seal	92-91	ST-2069	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	92-91	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	92-91	VK-243	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	92-91	H832CP	Std-50-.75-1.00MM	Hypereutectic; 2 - , 1.50mm Groove, 1 - 2.80mm Groove, 1.248 CD, Flat Head w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.8259" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-558KC	Std-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome		
6	Premium Single Cylinder Set	92-91	WE-558KC	Std-50MM	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7099M	Std-25-.50-.75MM			
1	Rod Set	92-91	6-1845CP	Std-25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-41950				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1784		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring	205-6784	----	
92-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Re-ring w/Mains	205-6784M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
92-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.			Block Kit w/Premium Rings	BK-6312	----	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

11 (cont.)		1992 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30				11 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
92-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6312	----	
12		1994 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30E				12	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94	222-B249		Round tooth		
1	Timing Belt	93-91	222-104		Square tooth		
1	Timing Belt Tensioner	94-91	222-124BT				
1	Timing Belt & Tensioner Set	94	BTS-249		Round tooth		
1	Timing Belt & Tensioner Set	93-91	BTS-104		Square tooth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	94-91	HT-2198	Std Only	Hyd.		
12	Lifter, Bulk	94-91	HT-2198B	Std Only	Hyd.; Carton of 128		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
12	Arm	94-91	R-922	Std Only			
1	Rocker Shaft	94-91	RS-648	Std Only	Loc. Exh.		
1	Rocker Shaft	94-91	RS-649	Std Only	Loc. Int.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	94-91	V-2330	Std Only	Nitrided stem; 1.382" Head Dia., 0.3138" Stem Dia., 4.901" O.A.L.		
6	Intake	94-91	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	94-91	VG-757 8	8	Loc. Exh.; 0.3152" ID, 2.5" O.A.L.		
6	Guide	94-91	VG-758 8	8	Loc. Int.; 0.276" ID, 2.31" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
12	Spring	94-91	VS-1446	Std Only	Loc. Outer; 2.065" Free Height		
12	Spring	93-91	VS-876	Std Only	Loc. Inner; 1.755" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	94-91	ST-2034	Std Only	Loc. Exh.; Positive type; (VTN) Viton®		
6	Valve Stem Seal	94-91	ST-2069	Std Only	Loc. Int.; Positive type; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
6	Seat	94-91	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	94-91	VK-243	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
6	Cast Piston	94-91	H832CP	Std-50-.75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.248 CD, Flat Head w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.8259" Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-558KC	Std-50-.75MM	2-1.50MM, 1-2.80MM; Premium Chrome		
6	Premium Single Cylinder Set	94-91	WE-558KC	Std-50MM	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	94-91	7099M	Std-25-.50-.75MM			
1	Rod Set	94-91	6-1845CP	Std-25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	93-91	224-41950				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	94-91	260-1784		Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	94-91	381-8092				
1	Steel Block Plug Kit	94-91	381-9667				
1	Brass Deep Cup Freeze Plug	94-91	381-9012		30mm Diameter		
1	Steel Deep Cup Freeze Plug	94-91	381-3172		30mm Diameter		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
94-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Re-ring		205-6784	----	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

12 (cont.)	1994 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30E				12 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	Re-ring w/Mains		205-6784M	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
94-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	Block Kit w/Premium Rings		BK-6312	----
94-91	Head bolts not incl.; Exh. pipe to manifold gskt. not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6312	----
13	2001 - 1995; 3.0L 2988cc DOHC V6 (24 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VQ30DE				13
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	01-96	KT-4020S	Incl. Cam (6), Crank, Chain (2), Tensioner (3), Guide (3), Tensioner Arm	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
24	Lifter	01	HT-2287	Std Only	To 2/01; Mech.
24	Lifter	00-95	HT-2287	Std Only	Mech.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
12	Exhaust	01-95	V-4670	Std Only	Chrome plated stem; 1.2362" Head Dia., 0.2343" Stem Dia., 3.7441" O.A.L.
12	Intake	01-95	V-4656	Std Only	1.4213" Head Dia., 0.2362" Stem Dia., 3.8425" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
12	Guide	00-95	VG-825	Std Only	Loc. Exh.; 0.2365" ID, 1.69" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
24	Spring	99-95	VS-1653	Std Only	Loc. Int. & Exh.; 1.855" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
24	Valve Stem Seal	01-95	ST-2081	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
48	Keeper	01-95	VK-251	Std Only	
BLOCK					
QTY	RINGS	YEARS	PART NO.	DESCRIPTION	
1	Premium Set	01-95	E-952KC	Std Only	2-1.20MM, 1-2.50MM; Premium Chrome
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION	
1	Oil Pump	01-95	224-43584		
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	99-95	260-1829	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.	
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
99-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.	Re-ring		205-6891	----
14	2003 - 2002; 3.5L 3498cc DOHC V6 (24 Valve), 95.5mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VQ35DE				14
VALVETRAIN					
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
24	Valve Stem Seal	03-02	ST-2081	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
48	Keeper	03-02	VK-251	Std Only	
15	2001 - 1997; 4.1L 4130cc DOHC V8 (32 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VH41DE				15
VALVETRAIN					
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
64	Keeper	01-00	VK-249	Std Only	Loc. Int. & Exh.
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION	
8	Rod Pair	98-97	4940P	Std-25MM	

Nissan Car (Incl. Datsun, Infiniti, Nissan)

16		1996 - 1991; 4.5L 4494cc DOHC V8 (32 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VH45DE								16	
VALVETRAIN											
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
16	Guide	93-91	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L						
16	Guide	93-91	VG-813	Std Only	Loc. Exh.; 0.31" ID, 2.2" O.A.L						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION						
16	Valve Stem Seal	96-91	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®						
16	Valve Stem Seal	96-91	ST-2069	Std Only	Loc. Exh.; Positive type; (RBB) Rubber						
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION						
16	Seat	96-91	245-1375-60	Std Only	Loc. Exh.; 1.382" OD, 1.107" ID, 0.237" Depth						
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION						
32	Keeper	96-91	VK-249	Std Only	Loc. Int. & Exh.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
8	Rod Pair	96-91	4940P	Std-.25MM							
17		2003 - 2002; 4.5L 4494cc DOHC V8 (32 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VK45DE								17	
VALVETRAIN											
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION						
32	Valve Stem Seal	03-02	ST-2081	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber						

Nissan Minivans - See Nissan Truck

Nissan SUV's - See Nissan Truck

Nissan Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.4L	146.0	2389cc	DOHC L4	89mm	16	Nissan Eng.		KA24DE		MFI/Gasoline	2004-1998	1
2.4L	146.0	2389cc	SOHC L4	89mm	12	Nissan Eng.		KA24E		MFI/Gasoline	1997-1991	2
3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.		VG30E		MFI/Gasoline	1998-1991	3
3.3L	199.8	3274cc	SOHC V6	91.5mm	12	Nissan Eng.		VG33E		MFI/Gasoline	2004-1996	4
3.3L	199.8	3274cc	SOHC V6	91.5mm	12	Nissan Eng.		VG33ER		MFI/Gasoline	2004-2001	5
3.5L	211.5	3465cc	OHV Turbo L4	102.5mm	8	Nissan Eng.		FD35T		DI/Diesel	1991	6
3.5L	214.0	3498cc	DOHC V6	95.5mm	24	Nissan Eng.		VQ35DE		MFI/Gasoline	2010-2001	7
4.5L	274.0	4494cc	DOHC V8	93mm	32	Nissan Eng.		VK45DE		MFI/Gasoline	2005-2003	8
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
FD35T	3.5L	211.5	3465cc	OHV Turbo L4	102.5mm	8	Nissan Eng.		DI/Diesel	1991	6	
KA24DE	2.4L	146.0	2389cc	DOHC L4	89mm	16	Nissan Eng.		MFI/Gasoline	2004-1998	1	
KA24E	2.4L	146.0	2389cc	SOHC L4	89mm	12	Nissan Eng.		MFI/Gasoline	1997-1991	2	
VG30E	3.0L	181.0	2960cc	SOHC V6	87mm	12	Nissan Eng.		MFI/Gasoline	1998-1991	3	
VG33E	3.3L	199.8	3274cc	SOHC V6	91.5mm	12	Nissan Eng.		MFI/Gasoline	2004-1996	4	
VG33ER	3.3L	199.8	3274cc	SOHC V6	91.5mm	12	Nissan Eng.		MFI/Gasoline	2004-2001	5	
VK45DE	4.5L	274.0	4494cc	DOHC V8	93mm	32	Nissan Eng.		MFI/Gasoline	2005-2003	8	
VQ35DE	3.5L	214.0	3498cc	DOHC V6	95.5mm	24	Nissan Eng.		MFI/Gasoline	2010-2001	7	
1		2004 - 1998; 2.4L 2389cc DOHC L4 (16 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24DE								1		
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.		DESCRIPTION							
1	Complete Set	04-98	KT-4034S		New Part Number - Check for Availability							
1	Timing Chain Tensioner	04-98	222-236CT		Loc. Upper							
1	Layshaft Chain Tensioner	04-98	222-235CT									
1	Layshaft Chain Guide	04-98	222-239GP		Loc. R.H. Lower							
1	Layshaft Chain Guide	04-98	222-240GP		Loc. L.H. Lower							
1	Crank Sprocket	04-98	223-699		18 Teeth							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION							
16	Lifter	00-98	HT-2286	Std Only	Mech.							
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION							
8	Guide	04-98	VG-828	Std Only	Loc. Exh.; 0.276" ID, 2.205" O.A.L							

Nissan Truck (Incl. Minivans and SUV's)

1 (cont.)	2004 - 1998; 2.4L 2389cc DOHC L4 (16 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24DE					1 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Guide	00-98	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	99-98	ST-2069	Std Only	Positive type; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	00-98	245-1312-52	Std Only	Loc. Exh.; 1.087" ID top taper; 1.3195" OD, 1.06" ID, 0.24" Depth	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Pin Bushing	04-98	4464Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
4	Premium Single Cylinder Set	03	WE-559KC	Std Only	2-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	02	WE-559KC	Std Only	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	03-98	7285M	Std-.25-.50MM		
1	Rod Set	03-98	4-4460P	Std-.25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Screen Assy.	01-98	224-14286			
2	1997 - 1991; 2.4L 2389cc SOHC L4 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24E					2
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Complete Set	97-91	KT-4021S		Incl. Cam, Crank, Chain, Tensioner, Guide (2)	
1	Timing Chain	97-91	222-SR102T2		102 Links	
1	Timing Chain Tensioner	97-91	222-176CT			
1	Timing Chain Guide	97-91	222-177GP		Loc. Tension Side	
1	Timing Chain Guide	97-91	222-178GP		Loc. Slack Side	
1	Crank Sprocket	97-91	223-699		18 Teeth	
1	Cam Sprocket	97-91	223-694		36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	97-91	CS-1543		Lifter is part of rocker arm assy.; Hydraulic, (050) Duration at .050 Lobe Lift, 216 Exh., 210 Int., 109 Degrees Lobe Separation	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
4	Arm	97-91	R-1018	Std Only	Loc. Int. Front; Rocker arm w/lifter (integral type)	
4	Arm	97-91	R-1019	Std Only	Loc. Int. Rear; Rocker arm w/lifter (integral type)	
2	Arm	97-91	R-1020	Std Only	Loc. Exh. 1-3; Rocker arm w/lifter (integral type)	
2	Arm	97-91	R-1021	Std Only	Loc. Exh. 2-4; Rocker arm w/lifter (integral type)	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	97-91	V-2581X	Std Only	Chrome plated stem; 1.578" Head Dia., 0.313" Stem Dia., 4.814" O.A.L.	
8	Intake	97-91	V-2580	Std Only	Chrome plated stem; 1.344" Head Dia., 0.2745" Stem Dia., 4.777" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	97-91	VG-812	Std Only	Loc. Int.; 0.276" ID, 2.07" O.A.L.	
4	Guide	97-91	VG-813	Std Only	Loc. Exh.; 0.31" ID, 2.2" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
4	Spring	97-91	VS-941	Std Only	Loc. Exh. Outer; 2.1" Free Height	
4	Spring	97-91	VS-944	Std Only	Loc. Exh. Inner; 1.9" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	97-91	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®	
4	Valve Stem Seal	97-91	ST-2069	Std Only	Loc. Exh.; Positive type; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	97-91	245-1687-56	Std Only	Loc. Exh.; 1.6945" OD, 1.375" ID, 0.295" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
24	Keeper	97-91	VK-249	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	97-96	13503P .50MM	.50-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 34.0mm CD, Recessed Head 78.40mm dia., 21mm Pin Dia.	
4	Cast Piston	95	13503P .50MM	.50-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 34.0mm CD, Recessed Head 78.40mm dia., 21mm Pin Dia.	
4	Cast Piston	94-91	13503P .50MM	.50-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 34.0mm CD, Recessed Head 78.40mm dia., 21mm Pin Dia.	
4	Cast Piston - Individual	97-96	W13503P .50MM	.50MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 34.0mm CD, Recessed Head 78.40mm dia., 21mm Pin Dia.	

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2 (cont.)		1997 - 1991; 2.4L 2389cc SOHC L4 (12 Valve), 89mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code KA24E				2 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston - Individual	95	W13503P .50MM	.50MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 34.0mm CD, Recessed Head 78.40mm dia., 21mm Pin Dia.		
4	Cast Piston - Individual	94-91	W13503P .50MM	.50MM	Cast; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 34.0mm CD, Recessed Head 78.40mm dia., 21mm Pin Dia.		
4	Pin Bushing	97-91	4464Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	97-91	E-559KC	Std-50-75-1.00MM	2-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	97-91	WE-559KC	Std Only	2-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-91	7285M	Std-25-50MM			
1	Rod Set	97-91	4-4460P	Std-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-96	224-43451				
1	Oil Pump	95	224-43451				
1	Oil Pump	94-91	224-43451				
1	Oil Pump	91	224-43637				
1	Screen Assy.	97-91	224-14286				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97	260-1755		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	96	260-1755		From 01/01/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	96	260-1755		To 01/01/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	95	260-1755		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1754		Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-93	260-1755		California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92-91	260-1754		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	92-91	260-1795		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	96-91	381-8093				
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
95-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6887	----	
94-93	Exc. Calif.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6885	----	
94-93	Calif.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6887	----	
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6885	----	
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6886	----	
95-95	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6887M	----	
94-93	Exc. Calif.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6885M	----	
94-93	Calif.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6887M	----	
92-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6885M	----	
92-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6886M	----	
3		1998 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30E				3	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	98-94	222-B249		Round tooth		
1	Timing Belt	93-91	222-104		Square tooth		
1	Timing Belt Tensioner	98-91	222-124BT				

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3 (cont.)	1998 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30E				3 (cont.)
VALVETRAIN					
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION
1	Timing Belt & Tensioner Set	98-94	BTS-249		Round tooth
1	Timing Belt & Tensioner Set	93-91	BTS-104		Square tooth
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
12	Lifter	98-91	HT-2198	Std Only	Hyd.
12	Lifter, Bulk	98-91	HT-2198B	Std Only	Hyd.; Carton of 128
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION
6	Arm	98-91	R-922	Std Only	
1	Rocker Shaft	98-91	RS-648	Std Only	Loc. Exh.
1	Rocker Shaft	98-91	RS-649	Std Only	Loc. Int.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	98-96	V-4559X	Std Only	Chrome plated stem; 1.382" Head Dia., 0.3137" Stem Dia., 4.9008" O.A.L.
6	Exhaust	95-91	V-2330	Std Only	Nitrided stem; 1.382" Head Dia., 0.3138" Stem Dia., 4.901" O.A.L.
6	Intake	98-91	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
6	Guide	98-91	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L
6	Guide	98-91	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	98-91	VS-1446	Std Only	Loc. Outer; 2.065" Free Height
12	Spring	98-91	VS-876	Std Only	Loc. Inner; 1.755" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
6	Valve Stem Seal	98-91	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®
6	Valve Stem Seal	98-91	ST-2069	Std Only	Loc. Exh.; Positive type; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	97-91	245-1812-55	Std Only	Loc. Int.; 1.8195" OD, 1.5" ID, 0.278" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	98-91	VK-243	Std Only	
BLOCK					
QTY	PISTON	YEARS	PART NO.		DESCRIPTION
6	Cast Piston	95-91	H832CP	Std-50-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.248 CD, Flat Head w/2 valve reliefs; DUROSHIELD® skirt coated piston, 0.8259" Pin Dia.
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
1	Premium Set	98-92	E-558KC	Std-50-75MM	2-1.50MM, 1-2.80MM; Premium Chrome
1	Premium Set	91	E-525KC	Std Only	1-2.00MM, 1-1.50MM, 1-2.80MM; Premium Chrome
6	Premium Single Cylinder Set	98-92	WE-558KC	Std-50MM	2-1.50MM, 1-2.80MM; Premium Chrome
6	Premium Single Cylinder Set	91	WE-525KC	Std Only	1-2.00MM, 1-1.50MM, 1-2.80MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	98-91	7099M	Std-25-50-75MM	
1	Rod Set	98-91	6-1845CP	Std-25-50MM	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION
1	Oil Pump	95-93	224-41956		4WD
1	Oil Pump	95-93	224-43618		RWD
1	Oil Pump	92-91	224-41956		4WD
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	98	260-1836		Head bolts not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	97-96	260-1836		Head bolts not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	97-93	260-1498		Head bolts not incl.; Valve cover grommets not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	95	260-1835		Head bolts not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	94	260-1786		To 11/01/93; Head bolts not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	94	260-1835		From 11/01/93; Head bolts not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.
1	Kit Gasket Set	93	260-1786		Head bolts not incl.; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.

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3 (cont.)		1998 - 1991; 3.0L 2960cc SOHC V6 (12 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG30E			3 (cont.)	
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	92-91	260-1498	Head bolts not incl.; Valve cover grommets not incl.; Exh. pipe flange not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	98-91	381-8092			
1	Steel Block Plug Kit	98-91	381-9667			
1	Brass Deep Cup Freeze Plug	98-91	381-9012	30mm Diameter		
1	Steel Deep Cup Freeze Plug	98-91	381-3172	30mm Diameter		
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
97-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6387	----
94-94	To 11/1/93; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Re-ring		205-6786	----
93-93	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Re-ring		205-6786	----
92-92	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6387	----
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring		205-6176	----
97-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6387M	----
94-94	To 11/1/93; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Re-ring w/Mains		205-6786M	----
93-93	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Re-ring w/Mains		205-6786M	----
92-92	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6387M	----
91-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6176M	----
OVERHAUL KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
98-98	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Premium Rings		BK-6311	----
97-96	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6306	----
97-96	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Premium Rings		BK-6311	----
95-95	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Premium Rings		BK-6308	----
95-93	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6305	----
94-94	To 11/1/93; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Premium Rings		BK-6307	----
94-94	From 11/1/93; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Premium Rings		BK-6308	----
93-93	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Premium Rings		BK-6307	----
92-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6305	----
95-95	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6308	----
95-93	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6305	----
94-94	To 11/1/93; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6307	----
94-94	From 11/1/93; Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6308	----
93-93	Valve cover grommets not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		Block Kit w/Oil Pump & Freeze Plugs		BKP-6307	----

Nissan Truck (Incl. Minivans and SUV's)

4		2004 - 1996; 3.3L 3274cc SOHC V6 (12 Valve), 91.5mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VG33E				4
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	04-96	222-B249		Round tooth	
1	Timing Belt Tensioner	04-96	222-124BT			
1	Timing Belt & Tensioner Set	04-96	BTS-249		Round tooth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	04-96	HT-2198	Std Only	Hyd.	
12	Lifter, Bulk	04-96	HT-2198B	Std Only	Hyd.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	04-00	R-922	Std Only		
1	Rocker Shaft	03-00	RS-648	Std Only	Loc. Exh.	
1	Rocker Shaft	03-00	RS-649	Std Only	Loc. Int.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
6	Exhaust	00-96	V-2330	Std Only	Nitrided stem; 1.382" Head Dia., 0.3138" Stem Dia., 4.901" O.A.L.	
6	Intake	00-96	V-2322	Std Only	Nitrided stem; 1.657" Head Dia., 0.2745" Stem Dia., 4.945" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	04-96	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L.	
6	Guide	04-96	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	04-96	VS-876	Std Only	Loc. Inner; 1.755" Free Height	
12	Spring	03-96	VS-1446	Std Only	Loc. Outer; 2.065" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
6	Valve Stem Seal	00-96	ST-2034	Std Only	Loc. Int.; Positive type; (VTN) Viton®	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
12	Keeper	04-96	VK-243	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Cast Piston	04-96	H1113CT	Std-50-.75MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.251 CD, Recessed Head; 060 deep x 2.083 dia.; DUROSHIELD® skirt coated piston, 20.985mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	03-96	E-953KC	Std-50-.75-1.00MM	2-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-96	7099M	Std-.25-.50-.75MM		
1	Rod Set	04-96	6-4605P	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	04-03	224-43638			
1	Oil Pump	02-01	224-43638			
1	Oil Pump	00	224-43585			
1	Oil Pump	00	224-43638			
1	Oil Pump	99	224-43585			
1	Oil Pump	99	224-43638			
1	Oil Pump	98-96	224-43585			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	00-96	381-8092			
1	Steel Block Plug Kit	00-96	381-9667			
1	Brass Deep Cup Freeze Plug	00-96	381-9012		30mm Diameter	
1	Steel Deep Cup Freeze Plug	00-96	381-3172		30mm Diameter	
5		2004 - 2001; 3.3L 3274cc SOHC V6 (12 Valve), 91.5mm Bore; MFI; Gasoline; Supercharged Nissan Eng.; Eng. Code VG33ER				5
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	04-01	222-B249		Round tooth	
1	Timing Belt Tensioner	04-01	222-124BT			
1	Timing Belt & Tensioner Set	04-01	BTS-249		Round tooth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	04-01	HT-2198	Std Only	Hyd.	
12	Lifter, Bulk	04-01	HT-2198B	Std Only	Hyd.; Carton of 128	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
12	Arm	04-01	R-922	Std Only		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	04-01	VG-1402T	Std Only	Loc. Int.; Threaded; Std. OD; 0.276" ID, 2.315" O.A.L.	
6	Guide	04-01	VG-1403T	Std Only	Loc. Exh.; Threaded; Std. OD; 0.316" ID, 2.5" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
12	Spring	04-01	VS-876	Std Only	Loc. Inner; 1.755" Free Height	
12	Spring	03-01	VS-1446	Std Only	Loc. Outer; 2.065" Free Height	

Nissan Truck (Incl. Minivans and SUV's)

5		2004 - 2001; 3.3L 3274cc SOHC V6 (12 Valve), 91.5mm Bore; MFI; Gasoline; Supercharged Nissan Eng.; Eng. Code VG33ER									5	
(cont.)											(cont.)	
VALVETRAIN												
QTY	VALVE, MISC	YEARS	PART NO.					DESCRIPTION				
24	Keeper	04-01	VK-243	Std Only				Loc. Int. & Exh.				
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.					DESCRIPTION				
1	Rod Set	04-01	6-4605P	Std Only								
6		1991; 3.5L 3465cc OHV Turbo L4 (8 Valve), 102.5mm Bore; DI; Diesel; Turbo Nissan Eng.; Eng. Code FD35T									6	
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.					DESCRIPTION				
1	Thrust Washer Set	91	1281AF	Std Only				Loc. 3				
7		2010 - 2001; 3.5L 3498cc DOHC V6 (24 Valve), 95.5mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VQ35DE									7	
VALVETRAIN												
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.					DESCRIPTION				
24	Lifter	01	HT-2287	Std Only				To 2/01; Mech.				
QTY	VALVE GUIDE	YEARS	PART NO.					DESCRIPTION				
12	Guide	10-01	VG-825	Std Only				Loc. Exh.; 0.2365" ID, 1.69" O.A.L				
QTY	VALVE SEAL	YEARS	PART NO.					DESCRIPTION				
24	Valve Stem Seal	09-01	ST-2081	Std Only				Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber				
QTY	VALVE, MISC	YEARS	PART NO.					DESCRIPTION				
48	Keeper	09-01	VK-251	Std Only								
8		2005 - 2003; 4.5L 4494cc DOHC V8 (32 Valve), 93mm Bore; MFI; Gasoline; Naturally Aspirated Nissan Eng.; Eng. Code VK45DE									8	
VALVETRAIN												
QTY	VALVE SEAL	YEARS	PART NO.					DESCRIPTION				
32	Valve Stem Seal	05-04	ST-2081	Std Only				Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber				
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.					DESCRIPTION				
8	Rod Pair	04-03	4940P	Std-25MM								

Oldsmobile Car - See GM Car

Oldsmobile Minivans - See GMC Truck

Oldsmobile SUV's - See GMC Truck

Packard - See Studebaker Car

Peugeot

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.9L	116.4	1905cc	DOHC L4	83mm	16	Peugeot Eng.		XU-9J4		MFI/Gasoline	1992-1991	1
1.9L	116.4	1905cc	SOHC L4	83mm	8	Peugeot Eng.		XU-9J2		MFI/Gasoline	1992-1991	2
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
XU-9J2	1.9L	116.4	1905cc	SOHC L4	83mm	8	Peugeot Eng.		MFI/Gasoline	1992-1991	2	
XU-9J4	1.9L	116.4	1905cc	DOHC L4	83mm	16	Peugeot Eng.		MFI/Gasoline	1992-1991	1	
1		1992 - 1991; 1.9L 1905cc DOHC L4 (16 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Peugeot Eng.; Eng. Code XU-9J4									1	
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.					DESCRIPTION				
1	Rod Set	92-91	4-1305RA	Std Only								

2	1992 - 1991; 1.9L 1905cc SOHC L4 (8 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Peugeot Eng.; Eng. Code XU-9J2	2
BLOCK		
QTY	ENGINE BEARINGS	DESCRIPTION
1	Rod Set	4-1305RA Std Only

Pinninfarina - See Fiat
Plymouth Car - See Chrysler Car
Plymouth Minivans - See Dodge Truck
Plymouth SUV's - See Dodge Truck
Plymouth Truck - See Dodge Truck
Pontiac Car - See GM Car
Pontiac Minivans - See GMC Truck
Pontiac SUV's - See GMC Truck
Porsche SUV's - See Porsche Truck
Rambler - See American Motors Car
Riley - See British Leyland
Saab Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		B202L		MFI/Gasoline	1994-1991	1
2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		B204L		MFI/Gasoline	1998-1994	2
2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		B205L		MFI/Gasoline	1999	3
2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		B205R		MFI/Gasoline	1999	4
2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		B234E		MFI/Gasoline	1998-1995	5
2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		B234I		MFI/Gasoline	1998-1991	6
2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		B234L		MFI/Gasoline	1998-1991	7
2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		B234R		MFI/Gasoline	1998-1993	8
2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		B235E		MFI/Gasoline	1999	9
2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		B235R		MFI/Gasoline	1999	10
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ255		MFI/Gasoline	2006	11
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ251		MFI/Gasoline	2005	12
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ253		MFI/Gasoline	2006-2005	13
3.0L	181.0	2962cc	DOHC V6	86mm	24	Opel Eng.		B308E		MFI/Gasoline	2003-2000	14

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
B202L	2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1994-1991	1
B204L	2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1998-1994	2
B205L	2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1999	3
B205R	2.0L	121.1	1985cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1999	4
B234E	2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1998-1995	5
B234I	2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1998-1991	6
B234L	2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1998-1991	7
B234R	2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1998-1993	8
B235E	2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1999	9
B235R	2.3L	139.7	2290cc	DOHC L4	90mm	16	Saab Eng.		MFI/Gasoline	1999	10
B308E	3.0L	181.0	2962cc	DOHC V6	86mm	24	Opel Eng.		MFI/Gasoline	2003-2000	14
EJ251	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2005	12
EJ253	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2006-2005	13

Saab Car

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
EJ255	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2006	11
1	1994 - 1991; 2.0L 1985cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B202L										1
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
8	Intake		94	V-4621		Std Only			Chrome plated stem; 1.299" Head Dia., 0.2742" Stem Dia., 4.24" O.A.L.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		94	7307M		Std-.25MM					
1	Main Set		93	7307M		Std-.25MM			From 7/93		
1	Thrust Washer Set		94	1473F		Std Only					
1	Thrust Washer Set		93	1473F		Std Only			From 7/93		
1	Rod Set		94-91	4-1470CP		Std-.25MM					
2	1998 - 1994; 2.0L 1985cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B204L										2
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
8	Intake		96-94	V-4621		Std Only			Chrome plated stem; 1.299" Head Dia., 0.2742" Stem Dia., 4.24" O.A.L.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		98-94	7307M		Std-.25MM					
1	Thrust Washer Set		98-94	1473F		Std Only					
1	Rod Set		95-94	4-1470CP		Std-.25MM					
3	1999; 2.0L 1985cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B205L										3
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		99	7307M		Std-.25MM					
1	Thrust Washer Set		99	1473F		Std Only					
4	1999; 2.0L 1985cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B205R										4
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		99	7307M		Std-.25MM					
1	Thrust Washer Set		99	1473F		Std Only					
5	1998 - 1995; 2.3L 2290cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B234E										5
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
8	Intake		98-95	V-4621		Std Only			Chrome plated stem; 1.299" Head Dia., 0.2742" Stem Dia., 4.24" O.A.L.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		98-95	7307M		Std-.25MM					
1	Thrust Washer Set		98-95	1473F		Std Only					
1	Rod Set		98-95	4-1470CP		Std-.25MM					
6	1998 - 1991; 2.3L 2290cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Naturally Aspirated Saab Eng.; Eng. Code B234I										6
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
8	Intake		96-94	V-4621		Std Only			Chrome plated stem; 1.299" Head Dia., 0.2742" Stem Dia., 4.24" O.A.L.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		98-91	7307M		Std-.25MM					
1	Thrust Washer Set		98-91	1473F		Std Only					
1	Rod Set		98-91	4-1470CP		Std-.25MM					

7	1998 - 1991; 2.3L 2290cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B234L				7
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Intake	98-94	V-4621	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2742" Stem Dia., 4.24" O.A.L.
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	98-91	7307M	Std-.25MM	
1	Thrust Washer Set	98-91	1473F	Std Only	
1	Rod Set	98-91	4-1470CP	Std-.25MM	
8	1998 - 1993; 2.3L 2290cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B234R				8
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Intake	98-94	V-4621	Std Only	Chrome plated stem; 1.299" Head Dia., 0.2742" Stem Dia., 4.24" O.A.L.
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	98-93	7307M	Std-.25MM	
1	Thrust Washer Set	98-93	1473F	Std Only	
1	Rod Set	98-93	4-1470CP	Std-.25MM	
9	1999; 2.3L 2290cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B235E				9
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99	7307M	Std-.25MM	
1	Thrust Washer Set	99	1473F	Std Only	
1	Rod Set	99	4-1470CP	Std-.25MM	
10	1999; 2.3L 2290cc DOHC L4 (16 Valve), 90mm Bore; MFI; Gasoline; Turbo - Intercooled Saab Eng.; Eng. Code B235R				10
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	99	7307M	Std-.25MM	
1	Thrust Washer Set	99	1473F	Std Only	
1	Rod Set	99	4-1470CP	Std-.25MM	
11	2006; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ255				11
VALVETRAIN					
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	06	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
16	Valve Stem Seal	06	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®
BLOCK					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
2	Head Bolt Set	06	260-2556	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
12	2005; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ251				12
BLOCK					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	05	260-1852		Upper int. manifold gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.
2	Head Bolt Set	05	260-2555	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
13	2006 - 2005; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ253				13
BLOCK					
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION
1	Kit Gasket Set	05	260-1852		Upper int. manifold gsks. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gsks. incl.; Premium valve stem seals incl.
2	Head Bolt Set	06-05	260-2555	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability

Saab Car

14	2003 - 2000; 3.0L 2962cc DOHC V6 (24 Valve), 86mm Bore; MFI; Gasoline; Turbo - Intercooled Opel Eng.; Eng. Code B308E										14
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.					DESCRIPTION			
12	Exhaust	03-00	V-4631X	Std Only				Chrome plated stem; 1.142" Head Dia., 0.2344" Stem Dia., 3.63" O.A.L.			

Saab SUV's - See Saab Truck

Saab Truck (Incl. SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
4.2L	254.0	4160cc	DOHC L6	93mm	24	GMC Eng.	S		Chevrolet	MFI/Gasoline	2009-2005	1
5.3L	325.0	5328cc	OHV V8	96mm	16	GMC Eng.	M		Chevrolet	MFI/Gasoline	2009-2005	2
1	2009 - 2005; 4.2L 4160cc DOHC L6 (24 Valve), 93mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code S										1	
VALVETRAIN												
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.					DESCRIPTION				
24	Lifter	09-05	HT-2307	Std Only								
QTY	VALVE	YEARS	PART NO.					DESCRIPTION				
12	Exhaust	06	V-4676	Std Only								
12	Intake	06	V-4675	Std Only								
QTY	VALVE GUIDE	YEARS	PART NO.					DESCRIPTION				
24	Guide	09-05	VG-1387T	Std Only				Loc. Int. & Exh.; Threaded; 0.2355" ID, 1.735" O.A.L.				
BLOCK												
QTY	OIL PUMP	YEARS	PART NO.					DESCRIPTION				
1	Pump Repair Kit	09-05	224-53582									
QTY	GASKETS	YEARS	PART NO.					DESCRIPTION				
1	Kit Gasket Set	08-06	260-1967					2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.				
1	Kit Gasket Set	05	260-1966					1st Design; Balancer w/o step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.				
1	Kit Gasket Set	05	260-1992					2nd Design; Balancer w/step on hub; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.				
2	2009 - 2005; 5.3L 5328cc OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M										2	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.					DESCRIPTION				
1	Crank Sprocket	09-06	223-827					22 Teeth				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.					DESCRIPTION				
8	Lifter	09-06	HT-2148	Std Only				Hyd. rlr.; 2.600" O.A.L.				
8	Lifter	09-06	HT-2303	Std Only				3.785" O.A.L.; Displacement On Demand				
16	Lifter	06-05	HT-2148	Std Only				Hyd. rlr.; 2.600" O.A.L.				
8	Lifter, Bulk	09-06	HT-2148B	Std Only				Hyd. rlr.; Carton of 128				
16	Lifter, Bulk	06-05	HT-2148B	Std Only				Hyd. rlr.; Carton of 128				
QTY	PUSH ROD	YEARS	PART NO.					DESCRIPTION				
16	Push Rod	09-06	RP-3349	Std Only				7.318" O.A.L.				
QTY	VALVE	YEARS	PART NO.					DESCRIPTION				
8	Exhaust	09-05	V-4593	Std Only				Chrome plated stem; 1.547" Head Dia., 0.3136" Stem Dia., 4.915" O.A.L.				
8	Intake	09-05	V-4644	Std Only				Chrome plated stem; 2" Head Dia., 0.3136" Stem Dia., 4.869" O.A.L.				
QTY	VALVE GUIDE	YEARS	PART NO.					DESCRIPTION				
16	Guide	09-05	VG-1434	Std Only				Loc. Int. & Exh.; Threaded; 0.3154" ID, 2.115" O.A.L.				
QTY	VALVE, MISC	YEARS	PART NO.					DESCRIPTION				
32	Keeper	09-06	VK-291	Std Only				1 groove				
BLOCK												
QTY	PISTON	YEARS	PART NO.					DESCRIPTION				
8	Cast Piston	09-05	H1132CPA	Std.-25-.50-.75-1.00MM				Hypereutectic; New Part Number - Check for Availability				
8	Cast Piston	09-05	H1132CT	Std.-25-.50-.75-1.00MM				Hypereutectic; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.325 CD, Flat Head; DUROSHIELD® skirt coated piston; Thermoshield coating on crown and in top compression groove, 23.962mm Pin Dia.				
QTY	RINGS	YEARS	PART NO.					DESCRIPTION				
1	Premium Set	06	E-937K	Std.-50-.75-1.00MM				2-1.50MM, 1-3.00MM; Premium Moly				

Saab Truck (Incl. SUV's)

2 (cont.)	2009 - 2005; 5.3L 5328cc OHV V8 (16 Valve), 96mm Bore Vortec; MFI; Gasoline; Naturally Aspirated GMC Eng.; Chevrolet; VIN Code M	2 (cont.)		
BLOCK				
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION
8	Rod Pair	09-06	2555CP	Std-1-2-10-20-30-40-50 Overplated copper-lead alloy
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION
1	Oil Pump	06-05	224-43645	Std. volume & pressure
1	Screen Assy.	06-05	224-15070	New Part Number - Check for Availability
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION
1	Kit Gasket Set	08-05	260-1975	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.

Saturn Car - See GM Car

Saturn Minivans - See GMC Truck

Saturn SUV's - See GMC Truck

Scion Car - See Toyota Car

Shelby Cobra - See AC Cobra

Subaru Car

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.2L	73.0	1189cc	SOHC L3	78mm	9	Subaru Eng.		EF12		2 Bbl./Gasoline	1992-1991	1
1.2L	73.0	1189cc	SOHC L3	78mm	9	Subaru Eng.		EF12		MFI/Gasoline	1994-1991	2
1.8L	109.0	1781cc	SOHC H4	92mm	8	Subaru Eng.		EA82		MFI/Gasoline	1994-1991	3
1.8L	109.0	1781cc	SOHC H4	92mm	8	Subaru Eng.		EA82		TBI/Gasoline	1994-1991	4
1.8L	111.0	1820cc	SOHC H4	87.9mm	16	Subaru Eng.		EJ18E		MFI/Gasoline	1997-1993	5
2.0L	121.7	1994cc	DOHC H4	92mm	16	Subaru Eng.		EJ205		MFI/Gasoline	2005-2002	6
2.0L	121.7	1994cc	DOHC H4	92mm	16	Subaru Eng.		EJ20T		MFI/Gasoline	2005-2002	7
2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		EJ222		MFI/Gasoline	2001-1999	8
2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		EJ22E		MFI/Gasoline	2001-1991	9
2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		EJ22EZ		MFI/Gasoline	2001-1997	10
2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		EJ22T		MFI/Gasoline	1995-1991	11
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ255		MFI/Gasoline	2008-2005	12
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ257		MFI/Gasoline	2008-2004	13
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ25D		MFI/Gasoline	1999-1996	14
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ25T		MFI/Gasoline	2005-2004	15
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ251		MFI/Gasoline	2005-1999	16
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ252		MFI/Gasoline	2000	17
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ253		MFI/Gasoline	2008-1999	18
2.7L	163.0	2672cc	SOHC H6	92mm	12	Subaru Eng.		ER27		MFI/Gasoline	1991	19
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
EA82	1.8L	109.0	1781cc	SOHC H4	92mm	8	Subaru Eng.		MFI/Gasoline	1994-1991	3	
EA82	1.8L	109.0	1781cc	SOHC H4	92mm	8	Subaru Eng.		TBI/Gasoline	1994-1991	4	
EF12	1.2L	73.0	1189cc	SOHC L3	78mm	9	Subaru Eng.		2 Bbl./Gasoline	1992-1991	1	
EF12	1.2L	73.0	1189cc	SOHC L3	78mm	9	Subaru Eng.		MFI/Gasoline	1994-1991	2	
EJ18E	1.8L	111.0	1820cc	SOHC H4	87.9mm	16	Subaru Eng.		MFI/Gasoline	1997-1993	5	
EJ205	2.0L	121.7	1994cc	DOHC H4	92mm	16	Subaru Eng.		MFI/Gasoline	2005-2002	6	
EJ20T	2.0L	121.7	1994cc	DOHC H4	92mm	16	Subaru Eng.		MFI/Gasoline	2005-2002	7	
EJ222	2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		MFI/Gasoline	2001-1999	8	
EJ22E	2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		MFI/Gasoline	2001-1991	9	
EJ22EZ	2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		MFI/Gasoline	2001-1997	10	
EJ22T	2.2L	135.0	2212cc	SOHC H4	96.9mm	16	Subaru Eng.		MFI/Gasoline	1995-1991	11	
EJ251	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2005-1999	16	
EJ252	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2000	17	
EJ253	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2008-1999	18	
EJ255	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2008-2005	12	
EJ257	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2008-2004	13	
EJ25D	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	1999-1996	14	

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Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
EJ25T	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2005-2004	15
ER27	2.7L	163.0	2672cc	SOHC H6	92mm	12	Subaru Eng.		MFI/Gasoline	1991	19
1	1992 - 1991; 1.2L 1189cc SOHC L3 (9 Valve), 78mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EF12										1
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
3	Exhaust		92-91	V-4197	Std Only				Chrome plated stem; 1.299" Head Dia., 0.2738" Stem Dia., 4.272" O.A.L.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
3	Rod Pair		92-91	4575P	Std Only						
2	1994 - 1991; 1.2L 1189cc SOHC L3 (9 Valve), 78mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EF12										2
VALVETRAIN											
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
3	Exhaust		94-91	V-4197	Std Only				Chrome plated stem; 1.299" Head Dia., 0.2738" Stem Dia., 4.272" O.A.L.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
3	Rod Pair		94-91	4575P	Std Only						
3	1994 - 1991; 1.8L 1781cc SOHC H4 (8 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EA82										3
VALVETRAIN											
QTY	TIMING		YEARS	PART NO.					DESCRIPTION		
1	Timing Belt		94-91	222-115					Loc. L.H.		
1	Timing Belt		94-91	222-116					Loc. R.H.		
1	Timing Belt Tensioner		94-91	222-336BT					Loc. L.H.		
1	Timing Belt Tensioner		94-91	222-337BT					Loc. R.H.		
QTY	CAMSHAFT/LIFTER		YEARS	PART NO.					DESCRIPTION		
8	Lifter		94-91	HT-6035	Std Only				Hyd.		
BLOCK											
QTY	RINGS		YEARS	PART NO.					DESCRIPTION		
1	Premium Set		94-91	E-435KC	Std Only				1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Chrome		
4	Premium Single Cylinder Set		94-91	WE-435KC	Std Only				1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		94-91	6796M	Std-.25MM						
4	1994 - 1991; 1.8L 1781cc SOHC H4 (8 Valve), 92mm Bore; TBI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EA82										4
VALVETRAIN											
QTY	TIMING		YEARS	PART NO.					DESCRIPTION		
1	Timing Belt		94-91	222-115					Loc. L.H.		
1	Timing Belt		94-91	222-116					Loc. R.H.		
1	Timing Belt Tensioner		94-91	222-336BT					Loc. L.H.		
1	Timing Belt Tensioner		94-91	222-337BT					Loc. R.H.		
QTY	CAMSHAFT/LIFTER		YEARS	PART NO.					DESCRIPTION		
8	Lifter		94-91	HT-6035	Std Only				Hyd.		
BLOCK											
QTY	RINGS		YEARS	PART NO.					DESCRIPTION		
1	Premium Set		94-91	E-435KC	Std Only				1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Chrome		
4	Premium Single Cylinder Set		94-91	WE-435KC	Std Only				1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		94-91	6796M	Std-.25MM						
5	1997 - 1993; 1.8L 1820cc SOHC H4 (16 Valve), 87.9mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ18E										5
VALVETRAIN											
QTY	TIMING		YEARS	PART NO.					DESCRIPTION		
1	Timing Belt		93	222-B172							
1	Timing Belt Tensioner		94-93	222-336BT					Loc. L.H.		
1	Timing Belt Tensioner		94-93	222-337BT					Loc. R.H.		
1	Timing Belt & Tensioner Set		93	BTS-172							

5 (cont.)		1997 - 1993; 1.8L 1820cc SOHC H4 (16 Valve), 87.9mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ18E				5 (cont.)
BLOCK						
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-93	7362M	Std-.25-.50MM	.25MM & .50MM sets contain .15MM O/S length flange brg.	
4	Rod Pair	97-93	4775A	Std-.25MM		
6		2005 - 2002; 2.0L 1994cc DOHC H4 (16 Valve), 92mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ205				6
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	05-02	VG-1425T	Std Only	Loc. Int. & Exh.; 0.2367" ID, 2.065" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	05-02	ST-2148	Std Only	Positive type; (VTN) Viton®	
7		2005 - 2002; 2.0L 1994cc DOHC H4 (16 Valve), 92mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ20T				7
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	05-02	VG-1425T	Std Only	Loc. Int. & Exh.; 0.2367" ID, 2.065" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	05-02	ST-2148	Std Only	Positive type; (VTN) Viton®	
8		2001 - 1999; 2.2L 2212cc SOHC H4 (16 Valve), 96.9mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ222				8
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	01-99	VG-1425T	Std Only	Loc. Int. & Exh.; 0.2367" ID, 2.065" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	01-99	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
4	Premium Single Cylinder Set	01-99	WE-882KC .50MM	.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-99	7362M	Std-.25-.50MM	.25MM & .50MM sets contain .15MM O/S length flange brg.	
4	Rod Pair	01-99	4775A	Std-.25MM		
9		2001 - 1991; 2.2L 2212cc SOHC H4 (16 Valve), 96.9mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ22E				9
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	98-91	222-B172		Exc. Fed. & Calif. Emis.	
1	Timing Belt & Tensioner Set	93-91	BTS-172			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	98-91	HT-2254	Std Only	Hyd. lash adj.	
8	Lifter, Bulk	98-91	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	98	V-4368	Std Only	To 5/98; Chrome plated stem; 1.102" Head Dia., 0.2344" Stem Dia., 3.983" O.A.L.	
8	Exhaust	97-91	V-4368	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2344" Stem Dia., 3.983" O.A.L.	
8	Intake	98	V-4367	Std Only	To 5/98; 1.28" Head Dia., 0.2344" Stem Dia., 3.976" O.A.L.	
8	Intake	97-91	V-4367	Std Only	1.28" Head Dia., 0.2344" Stem Dia., 3.976" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	01-91	VG-1425T	Std Only	Loc. Int. & Exh.; 0.2367" ID, 2.065" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	01-91	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	98-91	245-1250-63	Std Only	Loc. Exh.; 1.25" OD, 0.93" ID, 0.325" Depth	
8	Seat	98-91	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth	
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-91	E-882KC	Std-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	01-91	WE-882KC .50MM	.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-91	7362M	Std-.25-.50MM	.25MM & .50MM sets contain .15MM O/S length flange brg.	
4	Rod Pair	01-91	4775A	Std-.25MM		

Subaru Car

9 (cont.)		2001 - 1991; 2.2L 2212cc SOHC H4 (16 Valve), 96.9mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ22E				9 (cont.)	
BLOCK							
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	95-91	260-1846	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			
10		2001 - 1997; 2.2L 2212cc SOHC H4 (16 Valve), 96.9mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ22EZ				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	98-97	222-B172	Exc. Fed. & Calif. Emis.			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	97	HT-2254	Std Only	Hyd. lash adj.		
8	Lifter, Bulk	97	HT-2254B	Std Only	Hyd. lash adj.; Carton of 128		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	98	V-4368	Std Only	To 5/98; Chrome plated stem; 1.102" Head Dia., 0.2344" Stem Dia., 3.983" O.A.L.		
8	Exhaust	97	V-4368	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2344" Stem Dia., 3.983" O.A.L.		
8	Intake	98	V-4367	Std Only	To 5/98; 1.28" Head Dia., 0.2344" Stem Dia., 3.976" O.A.L.		
8	Intake	97	V-4367	Std Only	1.28" Head Dia., 0.2344" Stem Dia., 3.976" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	01-97	VG-1425T	Std Only	Loc. Int. & Exh.; 0.2367" ID, 2.065" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	01-97	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
8	Seat	98-97	245-1250-63	Std Only	Loc. Exh.; 1.25" OD, 0.93" ID, 0.325" Depth		
8	Seat	98-97	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
4	Premium Single Cylinder Set	01-97	WE-882KC .50MM	.50MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	01-97	7362M	Std-.25-.50MM	.25MM & .50MM sets contain .15MM O/S length flange brg.		
4	Rod Pair	01-97	4775A	Std-.25MM			
11		1995 - 1991; 2.2L 2212cc SOHC H4 (16 Valve), 96.9mm Bore; MFI; Gasoline; Turbo Subaru Eng.; Eng. Code EJ22T				11	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	95-91	222-B172	Exc. Fed. & Calif. Emis.			
1	Timing Belt & Tensioner Set	93-91	BTS-172				
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	95-91	V-4368	Std Only	Chrome plated stem; 1.102" Head Dia., 0.2344" Stem Dia., 3.983" O.A.L.		
8	Intake	95-91	V-4367	Std Only	1.28" Head Dia., 0.2344" Stem Dia., 3.976" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	95-91	VG-1425T	Std Only	Loc. Int. & Exh.; 0.2367" ID, 2.065" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
8	Seat	95-91	245-1250-63	Std Only	Loc. Exh.; 1.25" OD, 0.93" ID, 0.325" Depth		
8	Seat	95-91	245-1375-55	Std Only	Loc. Int.; 1.382" OD, 1.12" ID, 0.325" Depth		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	95-91	7362M	Std-.25-.50MM	.25MM & .50MM sets contain .15MM O/S length flange brg.		
4	Rod Pair	95-91	4775A	Std-.25MM			
12		2008 - 2005; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ255				12	
VALVETRAIN							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
16	Guide	08-05	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	08-05	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®		
BLOCK							
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
2	Head Bolt Set	08-05	260-2556	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		

13		2008 - 2004; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ257				13
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	08-04	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	08-04	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
BLOCK						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
2	Head Bolt Set	08-04	260-2556	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
14		1999 - 1996; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ25D				14
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	99-96	VG-1426T	Std Only	Loc. Int.; 0.2365" ID, 1.28" O.A.L	
8	Guide	99-96	VG-1427T	Std Only	Loc. Exh.; 0.2365" ID, 1.595" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	99-96	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	98-96	7362M	Std-25-50MM	.25MM & .50MM sets contain .15MM O/S length flange brg.	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	98	260-1850		From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	98	260-1850		To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97	260-1850		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96	260-1849		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
2	Head Bolt Set	99-96	260-2556	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
15		2005 - 2004; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ25T				15
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	05-04	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	05-04	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®	
BLOCK						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
2	Head Bolt Set	05-04	260-2556	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	

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16		2005 - 1999; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ251									16	
VALVETRAIN												
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION							
16	Guide	05-00	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION							
16	Valve Stem Seal	05-00	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®							
BLOCK												
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION							
1	Kit Gasket Set	05	260-1852		Upper int. manifold gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
1	Kit Gasket Set	04-00	260-1852		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
1	Kit Gasket Set	99	260-1851		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
2	Head Bolt Set	05-99	260-2555	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability							
17		2000; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ252									17	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION							
16	Guide	00	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION							
16	Valve Stem Seal	00	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®							
BLOCK												
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION							
1	Kit Gasket Set	00	260-1852		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
2	Head Bolt Set	00	260-2555	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability							
18		2008 - 1999; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ253									18	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION							
16	Guide	08-00	VG-1425T	Std Only	0.2367" ID, 2.065" O.A.L							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION							
16	Valve Stem Seal	08-00	ST-2148	Std Only	Loc. Int. & Exh.; Positive type; (VTN) Viton®							
BLOCK												
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION							
1	Kit Gasket Set	05	260-1852		Upper int. manifold gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
1	Kit Gasket Set	04-00	260-1852		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
1	Kit Gasket Set	99	260-1851		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.							
2	Head Bolt Set	07-99	260-2555	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability							
19		1991; 2.7L 2672cc SOHC H6 (12 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code ER27									19	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.		DESCRIPTION							
1	Timing Belt	91	222-B151		Loc. L.H.							

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Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ255		MFI/Gasoline	2008-2004	1
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ25D		MFI/Gasoline	1999-1998	2
2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		EJ25T		MFI/Gasoline	2005-2004	3
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ251		MFI/Gasoline	2005-1999	4
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ252		MFI/Gasoline	2000	5

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Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		EJ253		MFI/Gasoline	2010-1999	6
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
EJ251	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2005-1999	4	
EJ252	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2000	5	
EJ253	2.5L	150.0	2457cc	SOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2010-1999	6	
EJ255	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2008-2004	1	
EJ25D	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	1999-1998	2	
EJ25T	2.5L	150.0	2457cc	DOHC H4	99.5mm	16	Subaru Eng.		MFI/Gasoline	2005-2004	3	
1	2008 - 2004; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ255										1	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
16	Guide	08-04	VG-1425T	Std Only 0.2367" ID, 2.065" O.A.L.								
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
16	Valve Stem Seal	08-04	ST-2148	Std Only Loc. Int. & Exh.; Positive type; (VTN) Viton®								
BLOCK												
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
2	Head Bolt Set	08-04	260-2556	Std Only Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability								
2	1999 - 1998; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ25D										2	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
8	Guide	99-98	VG-1426T	Std Only Loc. Int.; 0.2365" ID, 1.28" O.A.L.								
8	Guide	99-98	VG-1427T	Std Only Loc. Exh.; 0.2365" ID, 1.595" O.A.L.								
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	98	7362M	Std.-25-.50MM .25MM & .50MM sets contain .15MM O/S length flange brg.								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
1	Kit Gasket Set	98	260-1850	From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.								
1	Kit Gasket Set	98	260-1850	To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.								
1	Kit Gasket Set	98	260-1850	From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.								
1	Kit Gasket Set	98	260-1850	To Eng. Ser. No. 989330; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.								
1	Kit Gasket Set	98	260-1850	From Eng. Ser. No. 993723 to 047282; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.								
2	Head Bolt Set	99-98	260-2556	Std Only Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability								
3	2005 - 2004; 2.5L 2457cc DOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Turbo - Intercooled Subaru Eng.; Eng. Code EJ25T										3	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
16	Guide	05-04	VG-1425T	Std Only 0.2367" ID, 2.065" O.A.L.								
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
16	Valve Stem Seal	05-04	ST-2148	Std Only Loc. Int. & Exh.; Positive type; (VTN) Viton®								
BLOCK												
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION								
2	Head Bolt Set	05-04	260-2556	Std Only Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability								
4	2005 - 1999; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ251										4	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
16	Guide	05-99	VG-1425T	Std Only 0.2367" ID, 2.065" O.A.L.								
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								

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4 (cont.)		2005 - 1999; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ251									4 (cont.)	
VALVETRAIN												
QTY	VALVE SEAL (cont.)	YEARS	PART NO.					DESCRIPTION				
16	Valve Stem Seal	05-99	ST-2148	Std Only				Loc. Int. & Exh.; Positive type; (VTN) Viton®				
BLOCK												
QTY	GASKETS	YEARS	PART NO.					DESCRIPTION				
1	Kit Gasket Set	05	260-1852					Upper int. manifold gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
1	Kit Gasket Set	04-00	260-1852					Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
1	Kit Gasket Set	99	260-1851					Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
2	Head Bolt Set	05-99	260-2555	Std Only				Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability				
5		2000; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ252									5	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.					DESCRIPTION				
16	Guide	00	VG-1425T	Std Only				0.2367" ID, 2.065" O.A.L				
QTY	VALVE SEAL	YEARS	PART NO.					DESCRIPTION				
16	Valve Stem Seal	00	ST-2148	Std Only				Loc. Int. & Exh.; Positive type; (VTN) Viton®				
BLOCK												
QTY	GASKETS	YEARS	PART NO.					DESCRIPTION				
1	Kit Gasket Set	00	260-1852					Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
2	Head Bolt Set	00	260-2555	Std Only				Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability				
6		2010 - 1999; 2.5L 2457cc SOHC H4 (16 Valve), 99.5mm Bore; MFI; Gasoline; Naturally Aspirated Subaru Eng.; Eng. Code EJ253									6	
VALVETRAIN												
QTY	VALVE GUIDE	YEARS	PART NO.					DESCRIPTION				
16	Guide	10-99	VG-1425T	Std Only				0.2367" ID, 2.065" O.A.L				
QTY	VALVE SEAL	YEARS	PART NO.					DESCRIPTION				
16	Valve Stem Seal	10-99	ST-2148	Std Only				Loc. Int. & Exh.; Positive type; (VTN) Viton®				
BLOCK												
QTY	GASKETS	YEARS	PART NO.					DESCRIPTION				
1	Kit Gasket Set	05	260-1852					Upper int. manifold gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
1	Kit Gasket Set	04-00	260-1852					Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
1	Kit Gasket Set	99	260-1851					Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				
2	Head Bolt Set	07-99	260-2555	Std Only				Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability				

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Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.0L	61.0	993cc	SOHC L3	74mm	6	Suzuki Eng.		G10		TBI/Gasoline	1994-1992	1
1.3L	79.0	1298cc	DOHC L4	74mm	16	Suzuki Eng.		G13B		MFI/Gasoline	1994-1991	2
1.3L	81.0	1324cc	SOHC L4	74mm	16	Suzuki Eng.		SW413		MFI/Gasoline	2001-1998	3
1.3L	81.0	1324cc	SOHC L4	74mm	8	Suzuki Eng.		G13A		TBI/Gasoline	1997-1991	4
1.6L	97.0	1590cc	SOHC L4	75mm	16	Suzuki Eng.		G16KV		MFI/Gasoline	2002-1992	5
1.8L	109.2	1788cc	DOHC L4	84mm	16	Suzuki Eng.		SY418		MFI/Gasoline	2002-1999	6
2.0L	121.7	1995cc	DOHC L4	84mm	16	Suzuki Eng.		J20A		MFI/Gasoline	2003-2002	7
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
G10	1.0L	61.0	993cc	SOHC L3	74mm	6	Suzuki Eng.		TBI/Gasoline	1994-1992	1	
G13A	1.3L	81.0	1324cc	SOHC L4	74mm	8	Suzuki Eng.		TBI/Gasoline	1997-1991	4	
G13B	1.3L	79.0	1298cc	DOHC L4	74mm	16	Suzuki Eng.		MFI/Gasoline	1994-1991	2	
G16KV	1.6L	97.0	1590cc	SOHC L4	75mm	16	Suzuki Eng.		MFI/Gasoline	2002-1992	5	

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
J20A	2.0L	121.7	1995cc	DOHC L4	84mm	16	Suzuki Eng.		MFI/Gasoline	2003-2002	7
SW413	1.3L	81.0	1324cc	SOHC L4	74mm	16	Suzuki Eng.		MFI/Gasoline	2001-1998	3
SY418	1.8L	109.2	1788cc	DOHC L4	84mm	16	Suzuki Eng.		MFI/Gasoline	2002-1999	6
1	1994 - 1992; 1.0L 993cc SOHC L3 (6 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G10										1
BLOCK											
QTY	GASKETS		YEARS	PART NO.					DESCRIPTION		
1	Kit Gasket Set		94-92	260-1640					Head bolts not incl.; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set		94-92	260-2535		Std Only			Replacement recommended		
2	1994 - 1991; 1.3L 1298cc DOHC L4 (16 Valve), 74mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G13B										2
VALVETRAIN											
QTY	CAMSHAFT/LIFTER		YEARS	PART NO.					DESCRIPTION		
16	Lifter		94-91	HT-2272		Std Only			Hyd. bucket type lifter		
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
4	Exhaust		94-91	V-2334X		Std Only			Chrome plated stem; 1.181" Head Dia., 0.2738" Stem Dia., 4.51" O.A.L.		
QTY	VALVE GUIDE		YEARS	PART NO.					DESCRIPTION		
8	Guide		94-91	VG-817		Std Only			Loc. Int. & Exh.; 0.2757" ID, 1.895" O.A.L.		
QTY	VALVE SEAT		YEARS	PART NO.					DESCRIPTION		
4	Seat		94-91	245-1187-52		Std Only			Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		94-91	7095M		Std-.25MM					
1	Thrust Washer Set		94-91	1063AF		Std Only			Loc. 3		
1	Rod Set		94-91	4-1140RA		Std-.25-.50-.75-1.00MM					
QTY	OIL PUMP		YEARS	PART NO.					DESCRIPTION		
1	Oil Pump		94-91	224-43456					Without sensor		
3	2001 - 1998; 1.3L 1324cc SOHC L4 (16 Valve), 74mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code SW413										3
VALVETRAIN											
QTY	TIMING		YEARS	PART NO.					DESCRIPTION		
1	Timing Belt & Tensioner Set		01-98	BTS-194A							
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
8	Exhaust		01-98	V-4357		Std Only			Chrome plated stem; 0.986" Head Dia., 0.2144" Stem Dia., 3.147" O.A.L.		
8	Intake		01-98	V-4356		Std Only			Chrome plated stem; 1.149" Head Dia., 0.2154" Stem Dia., 3.63" O.A.L.		
QTY	VALVE GUIDE		YEARS	PART NO.					DESCRIPTION		
16	Guide		01-98	VG-816		Std Only			Loc. Int. & Exh.; 0.217" ID, 1.26" O.A.L.		
QTY	VALVE SEAL		YEARS	PART NO.					DESCRIPTION		
16	Valve Stem Seal		01-98	ST-2120		Std Only			Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE, MISC		YEARS	PART NO.					DESCRIPTION		
32	Keeper		01-98	VK-245		Std Only			Loc. Int. & Exh.		
BLOCK											
QTY	ENGINE BEARINGS		YEARS	PART NO.					DESCRIPTION		
1	Main Set		01-98	7095M		Std-.25MM					
1	Thrust Washer Set		01-98	1063AF		Std Only			Loc. 4		
1	Rod Set		01-98	4-1140RA		Std-.25-.50-.75-1.00MM					
4	1997 - 1991; 1.3L 1324cc SOHC L4 (8 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G13A										4
VALVETRAIN											
QTY	TIMING		YEARS	PART NO.					DESCRIPTION		
1	Timing Belt		94-91	222-95							
QTY	VALVE		YEARS	PART NO.					DESCRIPTION		
4	Exhaust		97-91	V-2334X		Std Only			Chrome plated stem; 1.181" Head Dia., 0.2738" Stem Dia., 4.51" O.A.L.		
QTY	VALVE GUIDE		YEARS	PART NO.					DESCRIPTION		
8	Guide		97-91	VG-817		Std Only			0.2757" ID, 1.895" O.A.L.		
QTY	VALVE SEAL		YEARS	PART NO.					DESCRIPTION		
8	Valve Stem Seal		97-91	ST-2119		Std Only			Positive type; (VTN) Viton®		
QTY	VALVE, MISC		YEARS	PART NO.					DESCRIPTION		
16	Keeper		97-91	VK-248		Std Only					

Suzuki Car

4 (cont.)		1997 - 1991; 1.3L 1324cc SOHC L4 (8 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G13A				4 (cont.)
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-527KC	Std Only	1-1.20MM, 1-2.80MM; Premium Chrome	
1	Premium Set	93-91	E-776KC	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	93-91	WE-527KC	Std Only	1-1.20MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-91	7095M	Std-.25MM		
1	Thrust Washer Set	97-91	1063AF	Std Only	Loc. 3	
1	Rod Set	97-91	4-1140RA	Std-.25-.50-.75-1.00MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-95	224-43628			
1	Oil Pump	92-91	224-43456		Without sensor	
5		2002 - 1992; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G16KV				5
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	01-92	222-B212			
1	Timing Belt	95	222-B164		Interference Eng.	
1	Timing Belt & Tensioner Set	01-92	BTS-212			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	00-92	V-4357	Std Only	Chrome plated stem; 0.986" Head Dia., 0.2144" Stem Dia., 3.147" O.A.L.	
8	Intake	00-92	V-4356	Std Only	Chrome plated stem; 1.149" Head Dia., 0.2154" Stem Dia., 3.63" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	00-92	VG-816	Std Only	Loc. Int. & Exh.; 0.217" ID, 1.26" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
16	Valve Stem Seal	00-92	ST-2120	Std Only	Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	00-92	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
4	Seat	00-92	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	00-92	VK-245	Std Only	Loc. Int. & Exh.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	96-92	4K13604P .50MM	.50MM	Cast; 1 - 1.20mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.098 CD, Oblong Recessed Head .403 deep w/4 valve reliefs, 18.999mm Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	02-97	E-956KC	Std-50-1.00MM	2-1.20MM, 1-2.50MM; Premium Chrome	
1	Premium Set	96	E-515KC	Std-50-1.00MM	To 3/96; 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
1	Premium Set	96	E-956KC	Std-50-1.00MM	From 4/96; 2-1.20MM, 1-2.50MM; Premium Chrome	
1	Premium Set	95	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	96	WE-515KC	Std-.50MM	To 3/96; 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	95	WE-515KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-92	7208M	Std-.25-.50MM		
1	Thrust Washer Set	02-92	4191AF	Std Only	Loc. 3	
1	Rod Set	02-92	4-4190CP	Std-.25-.50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-98	224-43605			
1	Oil Pump	97-92	224-43604			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	02-96	260-1814		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.	
1	Kit Gasket Set	95-92	260-1813		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
02-02	Exh. pipe packing not incl.			Re-ring	205-6868	----
01-97	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6868	----
96-96	To 3/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6814	----
96-96	From 4/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6868	----
95-95	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6813	----

5 (cont.)	2002 - 1992; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G16KV				5 (cont.)
KITS					
RE-RING KIT (cont.)					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
02-02	Exh. pipe packing not incl.		Re-ring w/Mains	205-6868M	----
01-97	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6868M	----
96-96	To 3/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6814M	----
96-96	From 4/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6868M	----
95-95	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6813M	----

6	2002 - 1999; 1.8L 1788cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code SY418				6
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	02-00	HT-2272	Std Only	Hyd. bucket type lifter
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	02-99	V-4623	Std Only	1.102" Head Dia., 0.2341" Stem Dia., 3.382" O.A.L.
8	Intake	02-99	V-4622	Std Only	1.299" Head Dia., 0.235" Stem Dia., 3.396" O.A.L.

7	2003 - 2002; 2.0L 1995cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code J20A				7
VALVETRAIN					
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
16	Lifter	03-02	HT-2272	Std Only	Hyd. bucket type lifter
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	03-02	V-4623	Std Only	1.102" Head Dia., 0.2341" Stem Dia., 3.382" O.A.L.
8	Intake	03-02	V-4622	Std Only	1.299" Head Dia., 0.235" Stem Dia., 3.396" O.A.L.

Suzuki SUV's - See Suzuki Truck

Suzuki Truck (Incl. SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.3L	81.0	1324cc	SOHC L4	74mm	8	Suzuki Eng.		G13A		TBI/Gasoline	1995-1991	1
1.6L	97.0	1590cc	SOHC L4	75mm	16	Suzuki Eng.		G16KV		MFI/Gasoline	2001-1992	2
1.6L	97.0	1590cc	SOHC L4	75mm	8	Suzuki Eng.		G16KC		TBI/Gasoline	1995-1991	3
1.8L	109.2	1788cc	DOHC L4	84mm	16	Suzuki Eng.		G18KV		MFI/Gasoline	1998-1996	4
2.0L	121.7	1995cc	DOHC L4	84mm	16	Suzuki Eng.		J20A		MFI/Gasoline	2003-1999	5
2.5L	152.0	2492cc	DOHC V6	84mm	24	Suzuki Eng.		H25A		MFI/Gasoline	2005-1999	6
2.7L	167.0	2736cc	DOHC V6	88mm	24	Suzuki Eng.		H27A		MFI/Gasoline	2005-2001	7

Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
G13A	1.3L	81.0	1324cc	SOHC L4	74mm	8	Suzuki Eng.		TBI/Gasoline	1995-1991	1	
G16KC	1.6L	97.0	1590cc	SOHC L4	75mm	8	Suzuki Eng.		TBI/Gasoline	1995-1991	3	
G16KV	1.6L	97.0	1590cc	SOHC L4	75mm	16	Suzuki Eng.		MFI/Gasoline	2001-1992	2	
G18KV	1.8L	109.2	1788cc	DOHC L4	84mm	16	Suzuki Eng.		MFI/Gasoline	1998-1996	4	
H25A	2.5L	152.0	2492cc	DOHC V6	84mm	24	Suzuki Eng.		MFI/Gasoline	2005-1999	6	
H27A	2.7L	167.0	2736cc	DOHC V6	88mm	24	Suzuki Eng.		MFI/Gasoline	2005-2001	7	
J20A	2.0L	121.7	1995cc	DOHC L4	84mm	16	Suzuki Eng.		MFI/Gasoline	2003-1999	5	

1	1995 - 1991; 1.3L 1324cc SOHC L4 (8 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G13A				1
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	95-91	222-95		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
4	Exhaust	94-91	V-2334X	Std Only	Chrome plated stem; 1.181" Head Dia., 0.2738" Stem Dia., 4.51" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	94-91	VG-817	Std Only	0.2757" ID, 1.895" O.A.L.

Suzuki Truck (Incl. SUV's)

1 (cont.)		1995 - 1991; 1.3L 1324cc SOHC L4 (8 Valve), 74mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G13A				1 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	94-91	ST-2119	Std Only	Positive type; (VTN) Viton®		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	94-91	VK-248	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-776KC	Std-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	7095M	Std-.25MM			
1	Thrust Washer Set	95-91	1063AF	Std Only	Loc. 3		
1	Rod Set	95-91	4-1140RA	Std-.25-.50-.75-1.00MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	94-91	224-43456		Without sensor		
2		2001 - 1992; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G16KV				2	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	01-92	222-B212				
1	Timing Belt	95-92	222-B164		Interference Eng.		
1	Timing Belt & Tensioner Set	01-92	BTS-212				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	98-94	V-4357	Std Only	Chrome plated stem; 0.986" Head Dia., 0.2144" Stem Dia., 3.147" O.A.L.		
8	Intake	98-94	V-4356	Std Only	Chrome plated stem; 1.149" Head Dia., 0.2154" Stem Dia., 3.63" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	98-92	VG-816	Std Only	Loc. Int. & Exh.; 0.217" ID, 1.26" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	01-00	ST-2120	Std Only	Positive type, Metal Clad; (VTN) Viton®		
16	Valve Stem Seal	98-97	ST-2120	Std Only	Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
4	Seat	98-97	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
4	Seat	98-96	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
8	Keeper	98-97	VK-248	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	96-92	4K13604P .50MM	.50MM	Cast; 1 - .120mm Groove, 1 - 1.50mm Groove, 1 - 2.80mm Groove, 1.098 CD, Oblong Recessed Head .403 deep w/4 valve reliefs, 18.999mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	01-97	E-956KC	Std-50-1.00MM	2-1.20MM, 1-2.50MM; Premium Chrome		
1	Premium Set	96	E-515KC	Std-50-1.00MM	To 3/96; 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
1	Premium Set	96	E-956KC	Std-50-1.00MM	From 4/96; 2-1.20MM, 1-2.50MM; Premium Chrome		
1	Premium Set	95-92	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	96	WE-515KC	Std-.50MM	To 3/96; 1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	95-92	WE-515KC	Std-.50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-92	7208M	Std-.25-.50MM			
1	Thrust Washer Set	01-92	4191AF	Std Only	Loc. 3		
1	Rod Set	01-92	4-4190CP	Std-.25-.50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-96	224-43605				
1	Oil Pump	95-92	224-43604				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-96	260-1814		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for oil pan gskt.		
1	Kit Gasket Set	95-92	260-1813		Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.	
01-97	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6868	----	
96-96	To 3/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6814	----	

Suzuki Truck (Incl. SUV's)

2 (cont.)	2001 - 1992; 1.6L 1590cc SOHC L4 (16 Valve), 75mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G16KV					2 (cont.)
KITS						
RE-RING KIT (cont.)						
YEARS	DESCRIPTION					PREMIUM KIT NO.
						STANDARD KIT NO.
96-96	From 4/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring				205-6868
95-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring				205-6813
01-97	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6868M
96-96	To 3/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6814M
96-96	From 4/96; Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6868M
95-92	Exh. pipe packing not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains				205-6813M
3						
1995 - 1991; 1.6L 1590cc SOHC L4 (8 Valve), 75mm Bore; TBI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G16KC						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	95-91	222-B164		Interference Eng.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	95-91	V-2631	Std Only	Chrome plated stem; 1.278" Head Dia., 0.2736" Stem Dia., 4.506" O.A.L.	
4	Intake	95-91	V-2630	Std Only	Chrome plated stem; 1.441" Head Dia., 0.274" Stem Dia., 4.55" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	95-91	VG-817	Std Only	0.2757" ID, 1.895" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	95-91	245-1375-56	Std Only	Loc. Exh.; 1.382" OD, 1.102" ID, 0.26" Depth	
4	Seat	95-91	245-1500-79	Std Only	Loc. Int.; 1.5" OD, 1.295" ID, 0.262" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	95-91	VK-248	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-91	E-515KC	Std-50-1.00MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
4	Premium Single Cylinder Set	95-91	WE-515KC	Std-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7208M	Std-25-50MM		
1	Thrust Washer Set	95-91	4191AF	Std Only	Loc. 3	
1	Rod Set	95-91	4-4190CP	Std-25-50MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	95-91	260-1812		Premium valve stem seals incl.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION					PREMIUM KIT NO.
						STANDARD KIT NO.
95-91	Premium valve stem seals incl.	Re-ring				205-6812
95-91	Premium valve stem seals incl.	Re-ring w/Mains				205-6812M
4						
1998 - 1996; 1.8L 1788cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code G18KV						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	98-96	HT-2272	Std Only	Hyd. bucket type lifter	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	98-96	V-4623	Std Only	1.102" Head Dia., 0.2341" Stem Dia., 3.382" O.A.L.	
8	Intake	98-96	V-4622	Std Only	1.299" Head Dia., 0.235" Stem Dia., 3.396" O.A.L.	
5						
2003 - 1999; 2.0L 1995cc DOHC L4 (16 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code J20A						
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	03-99	HT-2272	Std Only	Hyd. bucket type lifter	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03-99	V-4623	Std Only	1.102" Head Dia., 0.2341" Stem Dia., 3.382" O.A.L.	
8	Intake	03-99	V-4622	Std Only	1.299" Head Dia., 0.235" Stem Dia., 3.396" O.A.L.	

Suzuki Truck (Incl. SUV's)

6		2005 - 1999; 2.5L 2492cc DOHC V6 (24 Valve), 84mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code H25A								6	
VALVETRAIN											
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION						
24	Lifter	05-00	HT-2272	Std Only	Hyd. bucket type lifter						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
8	Exhaust	05-99	V-4623	Std Only	1.102" Head Dia., 0.2341" Stem Dia., 3.382" O.A.L.						
8	Intake	05-99	V-4622	Std Only	1.299" Head Dia., 0.235" Stem Dia., 3.396" O.A.L.						
7		2005 - 2001; 2.7L 2736cc DOHC V6 (24 Valve), 88mm Bore; MFI; Gasoline; Naturally Aspirated Suzuki Eng.; Eng. Code H27A								7	
VALVETRAIN											
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION						
24	Lifter	05-01	HT-2272	Std Only	Hyd. bucket type lifter						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
8	Exhaust	05-01	V-4623	Std Only	1.102" Head Dia., 0.2341" Stem Dia., 3.382" O.A.L.						
8	Intake	05-01	V-4622	Std Only	1.299" Head Dia., 0.235" Stem Dia., 3.396" O.A.L.						

Toyota Car (Incl. Lexus, Scion, Toyota)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.5L	88.9	1456cc	SOHC L4	73mm	12	Toyota Eng.		3EE		MFI/Gasoline	1994-1991	1
1.5L	91.4	1497cc	DOHC L4	74mm	16	Toyota Eng.		5EFE		MFI/Gasoline	1999-1992	2
1.5L	91.4	1497cc	DOHC L4	75mm	16	Toyota Eng.		1NZFE		MFI/Gasoline	2010-2000	3
1.5L	91.4	1497cc	DOHC L4	75mm	16	Toyota Eng.		1NZFXE		MFI/Hybrid (Gas/Electric)	2008-2001	4
1.6L	96.8	1587cc	DOHC L4	81mm	16	Toyota Eng.		4AFE		MFI/Gasoline	1997-1991	5
1.6L	96.8	1587cc	DOHC L4	81mm	16	Toyota Eng.		4AGE		MFI/Gasoline	1991	6
1.8L	107.5	1762cc	DOHC L4	81mm	16	Toyota Eng.		7AFE		MFI/Gasoline	1997-1993	7
1.8L	109.4	1794cc	DOHC L4	79mm	16	Toyota Eng.		1ZZFE		MFI/Gasoline	1999-1998	8
1.8L	109.4	1794cc	DOHC L4	79mm	16	Toyota Eng.		1ZZFE		MFI/Gasoline	2008-2000	9
1.8L	109.5	1796cc	DOHC L4	82mm	16	Toyota Eng.		2ZZGE		MFI/Gasoline	2003-2000	10
2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		3SFE		MFI/Gasoline	1992-1991	11
2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		3SGTE		MFI/Gasoline	1995-1991	12
2.2L	132.0	2164cc	DOHC L4	87mm	16	Toyota Eng.		5SFE		MFI/Gasoline	2001-1991	13
2.2L	132.0	2164cc	DOHC L4	87mm	16	Toyota Eng.		5SNFE		MFI/Natural Gas	2001-2000	14
2.4L	144.0	2362cc	DOHC L4	88.5mm	16	Toyota Eng.		2AZFE		MFI/Gasoline	2008-2002	15
2.4L	144.0	2362cc	DOHC L4	88.5mm	16	Toyota Eng.		2AZFXE		MFI/Hybrid (Gas/Electric)	2011-2007	16
2.5L	152.9	2507cc	DOHC V6	87.5mm	24	Toyota Eng.		2VZFE		MFI/Gasoline	1992-1991	17
3.0L	180.3	2954cc	DOHC L6	83mm	24	Toyota Eng.		7MGE		MFI/Gasoline	1992-1991	18
3.0L	180.3	2954cc	DOHC L6	83mm	24	Toyota Eng.		7MGTE		MFI/Gasoline	1992-1991	19
3.0L	180.5	2958cc	DOHC V6	87.5mm	24	Toyota Eng.		3VZFE		MFI/Gasoline	1993-1992	20
3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		1MZFE		MFI/Gasoline	2005-1994	21
3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		1MZFE		MFI/Gasoline	2006-1999	22
3.0L	182.9	2997cc	DOHC L6	86mm	24	Toyota Eng.		2JZGE		MFI/Gasoline	1998-1992	23
3.0L	182.9	2997cc	DOHC L6	86mm	24	Toyota Eng.		2JZGTE		MFI/Gasoline	1998-1993	24
3.0L	182.9	2997cc	DOHC L6	86mm	24	Toyota Eng.		2JZFE		MFI/Gasoline	2005-1998	25
3.3L	202.0	3311cc	DOHC V6	92mm	24	Toyota Eng.		3MZFE		MFI/Gasoline	2009-2004	26
4.0L	241.6	3968cc	DOHC V8	87.5mm	32	Toyota Eng.		1UZFE		MFI/Gasoline	1997-1991	27
4.0L	241.6	3968cc	DOHC V8	87.5mm	32	Toyota Eng.		1UZFE		MFI/Gasoline	2000-1998	28
4.3L	262.0	4293cc	DOHC V8	91mm	32	Toyota Eng.		3UZFE		MFI/Gasoline	2010-2001	29

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
1MZFE	3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		MFI/Gasoline	2005-1994	21
1MZFE	3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		MFI/Gasoline	2006-1999	22
1NZFE	1.5L	91.4	1497cc	DOHC L4	75mm	16	Toyota Eng.		MFI/Gasoline	2010-2000	3
1NZFXE	1.5L	91.4	1497cc	DOHC L4	75mm	16	Toyota Eng.		MFI/Hybrid (Gas/Electric)	2008-2001	4
1UZFE	4.0L	241.6	3968cc	DOHC V8	87.5mm	32	Toyota Eng.		MFI/Gasoline	1997-1991	27
1UZFE	4.0L	241.6	3968cc	DOHC V8	87.5mm	32	Toyota Eng.		MFI/Gasoline	2000-1998	28
1ZZFE	1.8L	109.4	1794cc	DOHC L4	79mm	16	Toyota Eng.		MFI/Gasoline	1999-1998	8
1ZZFE	1.8L	109.4	1794cc	DOHC L4	79mm	16	Toyota Eng.		MFI/Gasoline	2008-2000	9
2AZFE	2.4L	144.0	2362cc	DOHC L4	88.5mm	16	Toyota Eng.		MFI/Gasoline	2008-2002	15
2AZFXE	2.4L	144.0	2362cc	DOHC L4	88.5mm	16	Toyota Eng.		MFI/Hybrid (Gas/Electric)	2011-2007	16
2JZGE	3.0L	182.9	2997cc	DOHC L6	86mm	24	Toyota Eng.		MFI/Gasoline	1998-1992	23
2JZGE	3.0L	182.9	2997cc	DOHC L6	86mm	24	Toyota Eng.		MFI/Gasoline	2005-1998	25

Toyota Car (Incl. Lexus, Scion, Toyota)

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
2JZGTE	3.0L	182.9	2997cc	DOHC L6	86mm	24	Toyota Eng.		MFI/Gasoline	1998-1993	24
2VZFE	2.5L	152.9	2507cc	DOHC V6	87.5mm	24	Toyota Eng.		MFI/Gasoline	1992-1991	17
2ZZGE	1.8L	109.5	1796cc	DOHC L4	82mm	16	Toyota Eng.		MFI/Gasoline	2003-2000	10
3EE	1.5L	88.9	1456cc	SOHC L4	73mm	12	Toyota Eng.		MFI/Gasoline	1994-1991	1
3MZFE	3.3L	202.0	3311cc	DOHC V6	92mm	24	Toyota Eng.		MFI/Gasoline	2009-2004	26
3SFE	2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		MFI/Gasoline	1992-1991	11
3SGTE	2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		MFI/Gasoline	1995-1991	12
3UZFE	4.3L	262.0	4293cc	DOHC V8	91mm	32	Toyota Eng.		MFI/Gasoline	2010-2001	29
3VZFE	3.0L	180.5	2958cc	DOHC V6	87.5mm	24	Toyota Eng.		MFI/Gasoline	1993-1992	20
4AFE	1.6L	96.8	1587cc	DOHC L4	81mm	16	Toyota Eng.		MFI/Gasoline	1997-1991	5
4AGE	1.6L	96.8	1587cc	DOHC L4	81mm	16	Toyota Eng.		MFI/Gasoline	1991	6
5EFE	1.5L	91.4	1497cc	DOHC L4	74mm	16	Toyota Eng.		MFI/Gasoline	1999-1992	2
5SFE	2.2L	132.0	2164cc	DOHC L4	87mm	16	Toyota Eng.		MFI/Gasoline	2001-1991	13
5SNFE	2.2L	132.0	2164cc	DOHC L4	87mm	16	Toyota Eng.		MFI/Natural Gas	2001-2000	14
7AFE	1.8L	107.5	1762cc	DOHC L4	81mm	16	Toyota Eng.		MFI/Gasoline	1997-1993	7
7MGE	3.0L	180.3	2954cc	DOHC L6	83mm	24	Toyota Eng.		MFI/Gasoline	1992-1991	18
7MGTE	3.0L	180.3	2954cc	DOHC L6	83mm	24	Toyota Eng.		MFI/Gasoline	1992-1991	19
1	1994 - 1991; 1.5L 1456cc SOHC L4 (12 Valve), 73mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3EE										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	94-91	222-B233								
1	Timing Belt & Tensioner Set	94-91	BTS-233								
1	Belt Idler	94-91	222-206BT	Loc. L.H.							
1	Belt Idler	94-91	222-207BT	Loc. R.H.							
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
4	Exhaust	94-91	V-2500	Std Only	1 groove; Nitrided stem; 1.225" Head Dia., 0.235" Stem Dia., 3.635" O.A.L.						
4	Exhaust, Bulk	94-91	V-2500B	Std Only	1 groove; Nitrided stem; Carton of 25; 1.225" Head Dia., 0.235" Stem Dia., 3.635" O.A.L.						
4	Intake	94-91	V-2501	Std Only	Loc. Front Outer; Chrome plated stem; 1.181" Head Dia., 0.235" Stem Dia., 3.635" O.A.L.						
4	Intake	94-91	V-2505	Std Only	Loc. Rear Inner; Chrome plated stem; 0.945" Head Dia., 0.235" Stem Dia., 3.622" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
8	Guide	94-91	VG-792	Std Only	0.2369" ID, 1.59" O.A.L.						
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION							
8	Spring	94-91	VS-870	Std Only	1.651" Free Height						
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION							
8	Valve Stem Seal	94	ST-2113	Std Only	Loc. Int.; From 1/94; Positive type, Metal Clad; (VTN) Viton®						
8	Valve Stem Seal	93	ST-2112	Std Only	Loc. Int.; To 12/93; Positive type, Metal Clad						
8	Valve Stem Seal	92-91	ST-2112	Std Only	Loc. Int.; Positive type, Metal Clad						
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION							
4	Seat	94-91	245-1187-51	Std Only	Loc. Int. Rear Inner; 1.1945" OD, 0.905" ID, 0.257" Depth						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	94-91	VK-242	Std Only							
BLOCK											
QTY	PISTON	YEARS	PART NO.	DESCRIPTION							
4	Cast Piston	94-91	12895P	Std-.75MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Recessed Head 3.18mm deep w/2 valve reliefs, 0.7089" Pin Dia.						
4	Cast Piston - Individual	94-91	W12895P	Std-.75MM	Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.171 CD, Recessed Head 3.18mm deep w/2 valve reliefs, 0.7089" Pin Dia.						
QTY	RINGS	YEARS	PART NO.	DESCRIPTION							
1	Premium Set	94-91	E-511KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome						
1	Standard Set	94-91	E-511X	Std Only	2-1.50MM, 1-3.00MM; Iron						
4	Premium Single Cylinder Set	94-91	WE-511KC	Std-.50-1.00MM	2-1.50MM, 1-3.00MM; Premium Chrome						
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	94-91	7116MA	Std-.25-.50MM	A-Series aluminum bearings						
1	Thrust Washer Set	94-91	1099AF	Std Only	Loc. 3						
1	Rod Set	94-91	4-1610CP	Std-.25-.50MM							
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION							
1	Oil Pump	94-91	224-41936								
1	Screen Assy.	94-91	224-14287								
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION							

Toyota Car (Incl. Lexus, Scion, Toyota)

1 (cont.)		1994 - 1991; 1.5L 1456cc SOHC L4 (12 Valve), 73mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3EE				1 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	94-91	260-1499	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION			
1	Brass Block Plug Kit	94-91	381-8096				
1	Brass Deep Cup Freeze Plug	94-91	381-9009	35mm Diameter			
1	Brass Deep Cup Freeze Plug	94-91	381-9012	30mm Diameter			
1	Brass Shallow Cup Freeze Plug	94-91	381-7152	25mm Diameter			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
94-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			205-6177M	----		
94-91	Incl. A-Series aluminum bearings PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			----	205-1177M		
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			205-6177	205-1177		
OVERHAUL KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			BK-6313	----		
94-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			BKP-6313	----		
2		1999 - 1992; 1.5L 1497cc DOHC L4 (16 Valve), 74mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5EFE				2	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	99-92	222-B208				
1	Timing Belt & Tensioner Set	99-92	BTS-208				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
8	Lifter	98-92	AT-6003	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
8	Exhaust	99-92	V-2583	Std Only	Chrome plated stem; 0.965" Head Dia., 0.2351" Stem Dia., 3.699" O.A.L.		
8	Intake	99-92	V-2582	Std Only	1.122" Head Dia., 0.2353" Stem Dia., 3.681" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
8	Guide	99-92	VG-792	Std Only	Loc. Exh.; 0.2369" ID, 1.59" O.A.L.		
8	Guide	99-92	VG-913	Std Only	Loc. Int.; 0.237" ID, 1.52" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION			
8	Spring	99-92	VS-931	Std Only	Loc. Int. & Exh.; 1.58" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION			
16	Valve Stem Seal	99-92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
8	Seat	98-92	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
8	Seat	98-92	245-1187-52	Std Only	Loc. Int.; 1.1945" OD, 0.934" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION			
16	Keeper	99-92	VK-242	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	97-92	E-610KC	Std.-75-1.00MM	Exc. Calif.; 2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	99-92	7116MA	Std.-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	99-92	1099AF	Std Only	Loc. 3		
1	Rod Set	99-92	4-1610CP	Std.-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	98-96	224-43610				
1	Oil Pump	95	224-43610	w/Calif. emis.			
1	Oil Pump	95	224-43610				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	99-96	260-1861	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	95	260-1860	Exc. California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			
1	Kit Gasket Set	95	260-1861	California; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			

Toyota Car (Incl. Lexus, Scion, Toyota)

2 (cont.)	1999 - 1992; 1.5L 1497cc DOHC L4 (16 Valve), 74mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5EFE					2 (cont.)
BLOCK						
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	95	260-1861	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	94-92	260-1860	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION		
1	Brass Block Plug Kit	96-92	381-8096			
1	Brass Deep Cup Freeze Plug	96-92	381-9009	35mm Diameter		
1	Brass Deep Cup Freeze Plug	96-92	381-9012	30mm Diameter		
1	Brass Shallow Cup Freeze Plug	96-92	381-7152	25mm Diameter		
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
95-95	Exc. Calif.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6892	----
94-92	Exc. Calif.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6892	----
93-92	Exc. Calif.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6892M	----
3		2010 - 2000; 1.5L 1497cc DOHC L4 (16 Valve), 75mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1NZFE				3
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	10-00	V-4628	Std Only	1.004" Head Dia., 0.1959" Stem Dia., 3.461" O.A.L.	
8	Intake	10-00	V-4627	Std Only	1.201" Head Dia., 0.1959" Stem Dia., 3.514" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	06-03	7447M	Std-25MM	New Part Number - Check for Availability	
1	Thrust Washer Set	06-03	4707F	Std Only		
1	Rod Set	06-03	4-5045A	Std-25MM	New Part Number - Check for Availability	
4		2008 - 2001; 1.5L 1497cc DOHC L4 (16 Valve), 75mm Bore VVT-i; MFI; Hybrid (Gas/Electric); Naturally Aspirated Toyota Eng.; Eng. Code 1NZFXE				4
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	08-01	V-4628	Std Only	1.004" Head Dia., 0.1959" Stem Dia., 3.461" O.A.L.	
8	Intake	08-01	V-4627	Std Only	1.201" Head Dia., 0.1959" Stem Dia., 3.514" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Thrust Washer Set	06-05	4707F	Std Only		
5		1997 - 1991; 1.6L 1587cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 4AFE				5
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.	DESCRIPTION		
1	Timing Belt	97-94	222-B236			
1	Timing Belt	93	222-36			
1	Timing Belt	93	222-B236			
1	Timing Belt	92-91	222-36			
1	Timing Belt Tensioner	97-94	222-340BT			
1	Timing Belt Tensioner	93-91	222-66BT			
1	Timing Belt & Tensioner Set	97-94	BTS-236			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION		
1	Camshaft	97-93	CS-1549	Loc. Int.; w/1.34" dia. base circle; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Int.		
1	Camshaft	97-93	CS-1550	Loc. Exh.; w/1.34" dia. base circle; Hydraulic, (050) Duration at .050 Lobe Lift, 193 Exh.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
16	Lifter	97-91	AT-6003	Std Only	Mech.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	97-93	V-4348	Std Only	Chrome plated stem; 0.965" Head Dia., 0.2351" Stem Dia., 3.4646" O.A.L.	
8	Exhaust	92-91	V-2575	Std Only	0.964" Head Dia., 0.235" Stem Dia., 3.619" O.A.L.	
8	Intake	97-93	V-4347	Std Only	Chrome plated stem; 1.221" Head Dia., 0.2354" Stem Dia., 3.445" O.A.L.	
8	Intake	92-91	V-2574	Std Only	1.182" Head Dia., 0.2355" Stem Dia., 3.6" O.A.L.	

Toyota Car (Incl. Lexus, Scion, Toyota)

5 (cont.)		1997 - 1991; 1.6L 1587cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 4AFE				5 (cont.)
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	97-91	VG-913	Std Only	0.237" ID, 1.52" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	97-91	VS-932	Std Only	1.732" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	97-94	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®	
16	Valve Stem Seal	93	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; To 6/92; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; To 6/92; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; To 6/92; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; To 6/92; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	92	ST-2079	Std Only	Loc. Int. & Exh.; To 6/92; Positive type, Metal Clad; (RBB) Rubber	
16	Valve Stem Seal	91	ST-2079	Std Only	Loc. Int. & Exh.; From 11/90; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	97-91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
8	Seat	94-91	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	97-91	VK-242	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	92	12764P	Std-.50MM	To 6/92; Use w/E-540KC or E-540X ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.190 CD, Recessed Head .108 deep, 0.7089" Pin Dia.	
4	Cast Piston	91	12764P	Std-.50MM	Use w/E-540KC or E-540X ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.190 CD, Recessed Head .108 deep, 0.7089" Pin Dia.	
4	Cast Piston - Individual	92	W12764P	Std Only	To 6/92; Use w/WE-540KC ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.190 CD, Recessed Head .108 deep, 0.7089" Pin Dia.	
4	Cast Piston - Individual	91	W12764P	Std Only	Use w/WE-540KC ring set; Cast; 2 -, 1.50mm Groove, 1 - 3.00mm Groove, 1.190 CD, Recessed Head .108 deep, 0.7089" Pin Dia.	
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	97-93	E-645KC	Std-.50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome	
1	Premium Set	92-91	E-540KC	Std-.75MM	2-1.50MM, 1-3.00MM; Premium Chrome	
1	Standard Set	92-91	E-540X	Std Only	2-1.50MM, 1-3.00MM; Iron	
4	Premium Single Cylinder Set	92-91	WE-540KC .50MM	.50MM	2-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-91	6680MA	Std-.25-.50-.75MM	A-Series aluminum bearings	
1	Thrust Washer Set	97-91	3926AF	Std Only	Loc. 3	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	97-96	224-43607			
1	Oil Pump	95-92	224-43500			
1	Screen Assy.	97-91	224-14289			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-94	260-1778		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1457		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93	260-1778		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	92-91	260-1457		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
6		1991; 1.6L 1587cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated				6
Toyota Eng.; Eng. Code 4AGE						
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	91	222-B176			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	91	AT-6003	Std Only	Mech.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	91	VG-791	Std Only	0.235" ID, 1.6" O.A.L	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	

Toyota Car (Incl. Lexus, Scion, Toyota)

6 (cont.)		1991; 1.6L 1587cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 4AGE				6 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION		
16	Valve Stem Seal	91	ST-2079	Std Only	Loc. Int. & Exh.; From 11/90; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	91	245-1125-51	Std Only	Loc. Exh.; 1.132" OD, 0.854" ID, 0.237" Depth		
8	Seat	91	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	91	VK-242	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	91	E-517KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
4	Premium Single Cylinder Set	91	WE-517KC	Std Only	1-1.20MM, 1-1.50MM, 1-2.80MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	91	6680MA	Std.-25-50-75MM	A-Series aluminum bearings		
1	Thrust Washer Set	91	3926AF	Std Only	Loc. 3		
4	Rod Pair	91	4600P	Std Only			
7		1997 - 1993; 1.8L 1762cc DOHC L4 (16 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 7AFE				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	97-93	222-B235				
1	Timing Belt Tensioner	97-93	222-340BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	97-93	CS-1549		Loc. Int.; Hydraulic, (050) Duration at .050 Lobe Lift, 192 Int.		
1	Camshaft	97-93	CS-1550		Loc. Exh.; Hydraulic, (050) Duration at .050 Lobe Lift, 193 Exh.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
16	Lifter	97-93	HT-2299	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	97-93	V-4348	Std Only	Chrome plated stem; 0.965" Head Dia., 0.2351" Stem Dia., 3.4646" O.A.L.		
8	Intake	97-93	V-4347	Std Only	Chrome plated stem; 1.221" Head Dia., 0.2354" Stem Dia., 3.445" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	97-93	VG-913	Std Only	0.237" ID, 1.52" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	97-93	ST-2112	Std Only	Loc. Exh.; Positive type, Metal Clad		
8	Valve Stem Seal	97-93	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	97-93	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
8	Seat	97-93	245-1250-54	Std Only	Loc. Int.; 1.056" ID top taper; 1.257" OD, 1.01" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	97-93	VK-242	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	96-93	E-645KC	Std.-50-.75-1.00MM	1-1.20MM, 1-1.50MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	97-93	6680MA	Std.-25-50-75MM	A-Series aluminum bearings		
1	Thrust Washer Set	97-93	3926AF	Std Only			
1	Rod Set	97-93	4-4820A	Std.-75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	97-93	224-43608		w/o crank sensor		
1	Oil Pump	97-93	224-43609		w/crank sensor		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	97-93	260-1796		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
96-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6871	----	
96-93	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6871M	----	

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8		1999 - 1998; 1.8L 1794cc DOHC L4 (16 Valve), 79mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1ZZFE				8	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	99-98	KT-4015S		Incl. Cam (1), Crank, Chain, Guide (2)		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	99-98	V-4659	Std Only	1.0827" Head Dia., 0.2165" Stem Dia., 3.4921" O.A.L.		
8	Intake	99-98	V-4660	Std Only	1.2598" Head Dia., 0.2165" Stem Dia., 3.4882" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Pin Bushing	99-98	4709Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	99-98	7354MA	Std.-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	99-98	4707F	Std Only			
1	Rod Set	99-98	4-4705A	Std.-25MM	A-Series aluminum bearings		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	99-98	224-43615				
1	Oil Pump	99-98	224-43642				
9		2008 - 2000; 1.8L 1794cc DOHC L4 (16 Valve), 79mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1ZZFE				9	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-03	V-4659	Std Only	1.0827" Head Dia., 0.2165" Stem Dia., 3.4921" O.A.L.		
8	Exhaust	02-01	V-4659	Std Only	1.0827" Head Dia., 0.2165" Stem Dia., 3.4921" O.A.L.		
8	Exhaust	00	V-4659	Std Only	1.0827" Head Dia., 0.2165" Stem Dia., 3.4921" O.A.L.		
8	Intake	05-03	V-4660	Std Only	1.2598" Head Dia., 0.2165" Stem Dia., 3.4882" O.A.L.		
8	Intake	02-01	V-4660	Std Only	1.2598" Head Dia., 0.2165" Stem Dia., 3.4882" O.A.L.		
8	Intake	00	V-4660	Std Only	1.2598" Head Dia., 0.2165" Stem Dia., 3.4882" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	08-00	VG-1423T	Std Only	Loc. Int. & Exh.; 0.2175" ID, 1.36" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Pin Bushing	04-00	4709Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	04-00	7354MA	Std.-25-50MM	A-Series aluminum bearings		
1	Thrust Washer Set	04-00	4707F	Std Only			
1	Rod Set	04-00	4-4705A	Std.-25MM	A-Series aluminum bearings		
10		2003 - 2000; 1.8L 1796cc DOHC L4 (16 Valve), 82mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2ZZGE				10	
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Thrust Washer Set	03	4707F	Std Only			
1	Thrust Washer Set	02-00	4707F	Std Only			
11		1992 - 1991; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3SFE				11	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-138				
1	Timing Belt Tensioner	92-91	222-301BT		Loc. Upper		
1	Belt Idler	91	222-111BT		Loc. Lower		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	91	AT-6003	Std Only	Mech.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	91	VG-811	Std Only	Loc. Int. & Exh.; 0.24" ID, 1.77" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	91	ST-2079	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
8	Valve Stem Seal	91	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	91	245-1250-55	Std Only	Loc. Exh.; 1.100" ID top taper; 1.257" OD, 1.005" ID, 0.255" Depth		
8	Seat	91	245-1437-67	Std Only	Loc. Int.; 1.270" ID top taper; 1.4445" OD, 1.18" ID, 0.255" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	91	VK-242	Std Only			

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11 (cont.)		1992 - 1991; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3SFE				11 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	91	H833CP	Std.-75-1.00MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 1.397 CD, Recessed Head 4.50mm deep x 71.00mm dia. w/4 valve reliefs; DUROSHIELD® skirt coated piston, 0.7874" Pin Dia.	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	91	6622MA	Std.-25MM	A-Series aluminum bearings	
1	Thrust Washer Set	91	67277BF	Std Only	Loc. 3	
1	Rod Set	91	4-3895RA	Std.-25MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-41948			
1	Screen Assy.	91	224-14288			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1502		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	92-91	260-2558	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8091			
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter	
12		1995 - 1991; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Turbo - Intercooled Toyota Eng.; Eng. Code 3SGTE				12
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Belt Idler	95	222-111BT			
1	Belt Idler	94-91	222-111BT		Loc. Lower	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	95-91	VG-811	Std Only	0.24" ID, 1.77" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	95-94	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®	
8	Valve Stem Seal	93	ST-2079	Std Only	Loc. Int.; To 8/93; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2113	Std Only	Loc. Int.; From 9/93; Positive type, Metal Clad; (VTN) Viton®	
8	Valve Stem Seal	92-91	ST-2079	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	95-91	245-1250-55	Std Only	Loc. Exh.; 1.100" ID top taper; 1.257" OD, 1.005" ID, 0.255" Depth	
8	Seat	95-91	245-1437-67	Std Only	Loc. Int.; 1.270" ID top taper; 1.4445" OD, 1.18" ID, 0.255" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	94-91	VK-242	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	94-91	E-606KC	Std.-50MM	1-1.20MM, 1-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	6622MA	Std.-25MM	A-Series aluminum bearings	
1	Thrust Washer Set	95-91	67277BF	Std Only	Loc. 3	
1	Rod Set	95-91	4-3895RA	Std.-25MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Screen Assy.	95-91	224-14288			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	95-91	381-8091			
1	Brass Deep Cup Freeze Plug	95-91	381-9009		35mm Diameter	
13		2001 - 1991; 2.2L 2164cc DOHC L4 (16 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5SFE				13
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	01-93	222-B199			
1	Timing Belt	92-91	222-138			
1	Timing Belt Tensioner	01-91	222-301BT		Loc. Upper	
1	Timing Belt & Tensioner Set	01-91	BTS-199			
1	Belt Idler	01-91	222-111BT		Loc. Lower	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	01-92	HT-2299	Std Only	Mech.	
16	Lifter	91	AT-6003	Std Only	Mech.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	01-95	V-2619	Std Only	1.063" Head Dia., 0.235" Stem Dia., 3.875" O.A.L.	
8	Exhaust	94	V-2619	Std Only	To 1/94; 1.063" Head Dia., 0.235" Stem Dia., 3.875" O.A.L.	

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13 (cont.)		2001 - 1991; 2.2L 2164cc DOHC L4 (16 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5SFE				13 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	93-92	V-2619	Std Only	1.063" Head Dia., 0.235" Stem Dia., 3.875" O.A.L.	
8	Intake	01-00	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.	
8	Intake	01-95	V-2620	Std Only	1.258" Head Dia., 0.235" Stem Dia., 3.843" O.A.L.	
8	Intake	94	V-2620	Std Only	To 1/94; 1.258" Head Dia., 0.235" Stem Dia., 3.843" O.A.L.	
8	Intake	93-92	V-2620	Std Only	1.258" Head Dia., 0.235" Stem Dia., 3.843" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	01-00	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L	
8	Guide	01-95	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L	
8	Guide	01-95	VG-913	Std Only	Loc. Int.; 0.237" ID, 1.52" O.A.L	
8	Guide	99	VG-810	Std Only	Loc. Int.; 0.24" ID, 1.52" O.A.L	
8	Guide	98-96	VG-810	Std Only	Loc. Int.; 0.24" ID, 1.52" O.A.L	
8	Guide	95-93	VG-810	Std Only	Loc. Int.; 0.24" ID, 1.52" O.A.L	
16	Guide	94	VG-791	Std Only	Loc. Int. & Exh.; 0.235" ID, 1.6" O.A.L	
16	Guide	93-92	VG-791	Std Only	Loc. Int. & Exh.; 0.235" ID, 1.6" O.A.L	
8	Guide	92	VG-810	Std Only	Loc. Int.; 0.24" ID, 1.52" O.A.L	
16	Guide	91	VG-791	Std Only	Loc. Int. & Exh.; 0.235" ID, 1.6" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	01-96	VS-1650	Std Only	1.675" Free Height	
16	Spring	95-93	VS-937	Std Only	1.658" Free Height	
16	Spring	92	VS-937	Std Only	1.658" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	01-91	ST-2079	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	01-91	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	01-91	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth	
8	Seat	01-91	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	01-91	VK-242	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	01-00	E-964KC	Std-50-1.00MM	2-1.20MM, 1-3.00MM; Premium Chrome	
1	Premium Set	99-98	E-964KC	Std-50-1.00MM	2-1.20MM, 1-3.00MM; Premium Chrome	
1	Premium Set	97-92	E-608KC	Std-50-75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Premium Set	91	E-609KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	01-91	6622MA	Std-25MM	A-Series aluminum bearings	
1	Thrust Washer Set	01-91	67277BF	Std Only		
1	Rod Set	01-91	4-4450P	Std-25-50MM		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	01-00	224-41985		w/o Sensor	
1	Oil Pump	01-00	224-43606		w/Sensor	
1	Oil Pump	99	224-41985		w/o Sensor	
1	Oil Pump	99-96	224-43606		w/Sensor	
1	Oil Pump	98-96	224-41985		w/o Sensor	
1	Oil Pump	98-96	224-43577			
1	Oil Pump	95	224-43606		From 8/95; w/Sensor	
1	Oil Pump	95-94	224-41948			
1	Oil Pump	95-93	224-41985		w/o Sensor	
1	Oil Pump	93	224-41948			
1	Oil Pump	92	224-41948			
1	Oil Pump	92	224-41985		w/o Sensor	
1	Oil Pump	91	224-41948			
1	Screen Assy.	01-00	224-15053			
1	Screen Assy.	99-96	224-15053			
1	Screen Assy.	96	224-14288		To 6/96	
1	Screen Assy.	95-94	224-14288			
1	Screen Assy.	95-93	224-15053			
1	Screen Assy.	93	224-14288			
1	Screen Assy.	92	224-14288			
1	Screen Assy.	92	224-15053			
1	Screen Assy.	91	224-14288			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01-98	260-1775		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97	260-1750		To 12/01/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	

Toyota Car (Incl. Lexus, Scion, Toyota)

13 (cont.)	2001 - 1991; 2.2L 2164cc DOHC L4 (16 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5SFE				13 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	97	260-1775	From 12/01/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96-91	260-1750	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	01-91	260-2558	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	96-91	381-8091		
1	Brass Deep Cup Freeze Plug	96-91	381-9009	35mm Diameter	
KITS					
RE-RING KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
01-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6897	----
99-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6897	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6775	----
96-96	To 11/30/96; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6750	----
96-96	From 12/1/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6775	----
95-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6750	----
91-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring	205-6750A	----
01-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6897M	----
99-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6897M	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6775M	----
96-96	To 11/30/96; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6750M	----
96-96	From 12/1/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6775M	----
95-92	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Re-ring w/Mains	205-6750M	----
91-91	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains	205-6750AM	----
OVERHAUL KIT					
YEARS	DESCRIPTION			PREMIUM KIT NO.	STANDARD KIT NO.
01-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6327	----
99-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6327	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6320	----
96-96	To 11/30/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6317	----
96-96	From 12/1/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6320	----
95-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings	BK-6317	----
96-96	To 11/30/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. oil pump w/Oil Sensor		Block Kit w/Oil Pump & Freeze Plugs	BKP-6318	----
96-96	To 11/30/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. oil pump w/Sensor		Block Kit w/Oil Pump & Freeze Plugs	BKP-6319	----
96-96	From 12/1/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. oil pump w/Sensor		Block Kit w/Oil Pump & Freeze Plugs	BKP-6320	----
96-96	From 12/1/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Oil Pump & Freeze Plugs	BKP-6321	----
96-96	From 12/1/96; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings; Incl. oil pump w/Oil Sensor		Block Kit w/Oil Pump & Freeze Plugs	BKP-6322	----

Toyota Car (Incl. Lexus, Scion, Toyota)

13 (cont.)		2001 - 1991; 2.2L 2164cc DOHC L4 (16 Valve), 87mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5SFE				13 (cont.)	
KITS							
OVERHAUL KIT (cont.)							
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.
96-96	To 11/30/96; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6324	----
95-95	From 8/95; Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. oil pump w/Sensor			Block Kit w/Oil Pump & Freeze Plugs		BKP-6319	----
95-94	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6317	----
95-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. oil pump w/o Sensor			Block Kit w/Oil Pump & Freeze Plugs		BKP-6318	----
93-93	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6317	----
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Block Kit w/Oil Pump & Freeze Plugs		BKP-6317	----
92-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. oil pump w/o Sensor			Block Kit w/Oil Pump & Freeze Plugs		BKP-6318	----
14		2001 - 2000; 2.2L 2164cc DOHC L4 (16 Valve), 87mm Bore; MFI; Natural Gas; Naturally Aspirated Toyota Eng.; Eng. Code 5SNFE				14	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	01-00	222-B199				
1	Timing Belt Tensioner	01-00	222-301BT		Loc. Upper		
1	Timing Belt & Tensioner Set	01-00	BTS-199				
1	Belt Idler	01-00	222-111BT		Loc. Lower		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	01-00	V-2619	Std Only	1.063" Head Dia., 0.235" Stem Dia., 3.875" O.A.L.		
8	Intake	01-00	V-2620	Std Only	1.258" Head Dia., 0.235" Stem Dia., 3.843" O.A.L.		
8	Intake	01-00	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	01-00	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.		
8	Guide	01-00	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L.		
8	Guide	01-00	VG-913	Std Only	Loc. Int.; 0.237" ID, 1.52" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	01-00	VS-1650	Std Only	1.675" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	01-00	ST-2079	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
8	Valve Stem Seal	01-00	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	01-00	245-1062-50	Std Only	Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth		
8	Seat	01-00	245-1375-56	Std Only	Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	01-00	VK-242	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	01-00	E-964KC	Std.-50-1.00MM	2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	01-00	6622MA	Std.-25MM	A-Series aluminum bearings		
1	Thrust Washer Set	01-00	67277BF	Std Only			
1	Rod Set	01-00	4-4450P	Std.-25-50MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	01-00	224-41985		w/o Sensor		
1	Oil Pump	01-00	224-43606		w/Sensor		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	01-00	260-1775		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Head Bolt Set	01-00	260-2558	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability		
KITS							
RE-RING KIT							
YEARS	DESCRIPTION					PREMIUM KIT NO.	STANDARD KIT NO.
01-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring		205-6897	----
01-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains		205-6897M	----

Toyota Car (Incl. Lexus, Scion, Toyota)

14 (cont.)	2001 - 2000; 2.2L 2164cc DOHC L4 (16 Valve), 87mm Bore; MFI; Natural Gas; Naturally Aspirated Toyota Eng.; Eng. Code 5SNFE				14 (cont.)
KITS					
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
01-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings		Block Kit w/Premium Rings	BK-6327	----
15	2008 - 2002; 2.4L 2362cc DOHC L4 (16 Valve), 88.5mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2AZFE				15
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	08-02	V-4690	Std Only	1.161" Head Dia., 0.2155" Stem Dia., 3.982" O.A.L.
8	Intake	08-02	V-4689	Std Only	1.339" Head Dia., 0.2156" Stem Dia., 4.004" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
8	Guide	08-02	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L
16	Guide	06-04	VG-1424T	Std Only	Loc. Int. & Exh.; 0.2175" ID, 1.59" O.A.L
BLOCK					
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	06	7431M	Std.-25-.50MM	
1	Main Set	05-02	7431M	Std.-25-.50MM	
1	Thrust Washer Set	06	5001F	Std Only	
1	Thrust Washer Set	05-02	5001F	Std Only	
1	Rod Set	06	4-5000A	Std.-25-.50MM	
1	Rod Set	05-02	4-5000A	Std.-25-.50MM	
16	2011 - 2007; 2.4L 2362cc DOHC L4 (16 Valve), 88.5mm Bore VVT-i; MFI; Hybrid (Gas/Electric); Naturally Aspirated Toyota Eng.; Eng. Code 2AZFXE				16
VALVETRAIN					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
8	Exhaust	11-07	V-4690	Std Only	1.161" Head Dia., 0.2155" Stem Dia., 3.982" O.A.L.
8	Intake	11-07	V-4689	Std Only	1.339" Head Dia., 0.2156" Stem Dia., 4.004" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
16	Guide	11-07	VG-1424T	Std Only	Loc. Int. & Exh.; 0.2175" ID, 1.59" O.A.L
17	1992 - 1991; 2.5L 2507cc DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2VZFE				17
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.		DESCRIPTION
1	Timing Belt	91	222-157		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION
12	Lifter	91	AT-6003	Std Only	Mech.
QTY	VALVE	YEARS	PART NO.		DESCRIPTION
6	Exhaust	91	V-2584X	Std Only	Chrome plated stem; 1.079" Head Dia., 0.2351" Stem Dia., 3.787" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION
12	Guide	91	VG-791	Std Only	0.235" ID, 1.6" O.A.L
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION
12	Spring	91	VS-934	Std Only	1.68" Free Height
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION
12	Valve Stem Seal	91	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION
6	Seat	91	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION
24	Keeper	91	VK-242	Std Only	
BLOCK					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION
6	Premium Single Cylinder Set	91	WE-563KC	Std Only	2-1.50MM, 1-3.00MM; Premium Chrome
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION
1	Main Set	91	7114MA	Std.-50MM	A-Series aluminum bearings
1	Thrust Washer Set	91	3956BF	Std Only	
1	Rod Set	91	6-4010RA	Std Only	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION
1	Brass Block Plug Kit	92-91	381-8097		
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter

Toyota Car (Incl. Lexus, Scion, Toyota)

18		1992 - 1991; 3.0L 2954cc DOHC L6 (24 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 7MGE			18	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	92-91	222-126			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	92-91	CS-1545		Loc. Exh.; Hydraulic, (050) Duration at .050 Lobe Lift, 200 Exh.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
24	Lifter	91	AT-6003	Std Only	Mech.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	91	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
24	Valve Stem Seal	91	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	91	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth	
12	Seat	91	245-1312-60	Std Only	Loc. Int.; 1.3195" OD, 1.07" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	91	VK-242	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Pin Bushing Set	92-91	6-3969Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92-91	E-491KC	Std-50-75MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	92-91	E-491X	Std Only	2-1.50MM, 1-4.00MM; Iron	
6	Premium Single Cylinder Set	92-91	WE-491KC	Std-50MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	92-91	6693M	Std-25-50MM		
1	Thrust Washer Set	92-91	67033BF	Std Only	Loc. 4	
1	Rod Set	92-91	6-1165CP	Std-25-50-75MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1944		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8097			
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter	
19		1992 - 1991; 3.0L 2954cc DOHC L6 (24 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Toyota Eng.; Eng. Code 7MGTE			19	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	92-91	222-B237			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
12	Lifter	91	AT-6003	Std Only	Mech.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	91	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	91	245-1187-52	Std Only	Loc. Exh.; 1.1945" OD, 0.934" ID, 0.257" Depth	
12	Seat	91	245-1312-60	Std Only	Loc. Int.; 1.3195" OD, 1.07" ID, 0.257" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	91	VK-242	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92-91	E-491KC	Std-50-75MM	2-1.50MM, 1-4.00MM; Premium Chrome	
6	Premium Single Cylinder Set	92-91	WE-491KC	Std-50MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	92-91	6693M	Std-25-50MM		
1	Thrust Washer Set	92-91	67033BF	Std Only	Loc. 4	
1	Rod Set	92-91	6-1165CP	Std-25-50-75MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1945		PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8097			
1	Brass Deep Cup Freeze Plug	92-91	381-9009		35mm Diameter	

Toyota Car (Incl. Lexus, Scion, Toyota)

20		1993 - 1992; 3.0L 2958cc DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3VZFE				20
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Belt Idler	93-92	222-303BT		Loc. Upper	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	93-92	HT-2299	Std Only	Mech.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	93-92	V-2641X	Std Only	Chrome plated stem; 1.073" Head Dia., 0.2352" Stem Dia., 3.727" O.A.L.	
12	Intake	93-92	V-2585	Std Only	1.338" Head Dia., 0.2353" Stem Dia., 3.748" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
24	Guide	93-92	VG-791	Std Only	0.235" ID, 1.6" O.A.L.	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
24	Spring	93-92	VS-936	Std Only	1.645" Free Height	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	93-92	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
48	Keeper	93-92	VK-242	Std Only		
BLOCK						
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-92	E-562KC	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
6	Premium Single Cylinder Set	93-92	WE-562KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-92	7114MA	Std-50MM	A-Series aluminum bearings	
1	Thrust Washer Set	93-92	3956BF	Std Only	Loc. 2	
1	Rod Set	93-92	6-4380CP	Std-25MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-92	260-1713		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-92	381-8097			
1	Brass Deep Cup Freeze Plug	93-92	381-9009		35mm Diameter	
KITS						
RE-RING KIT					<i>PREMIUM</i>	<i>STANDARD</i>
YEARS	DESCRIPTION				<i>KIT NO.</i>	<i>KIT NO.</i>
93-92	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring 205-6364	-----
93-92	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				Re-ring w/Mains 205-6364M	-----
21		2005 - 1994; 3.0L 2995cc DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1MZFE				21
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	03-94	222-B257			
1	Timing Belt & Tensioner Set	02-94	BTS-257			
1	Belt Idler	03-94	222-303BT		Loc. Upper	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	02-94	HT-2299	Std Only	Mech.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	05-94	V-4525X	Std Only	Chrome plated stem; 1.073" Head Dia., 0.2155" Stem Dia., 3.755" O.A.L.	
12	Intake	05-94	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	05-94	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.	
12	Guide	05-94	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
12	Seat	05-94	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth	
12	Seat	05-94	245-1437-72	Std Only	Loc. Int.; 1.243" ID top taper; 1.4375" OD, 1.15" ID, 0.257" Depth	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Cast Piston Set w/Prem. Rings	02-94	6K13610CP	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.123 CD, Flat Hd. w/4 valve reliefs; Anodized top; DUROSHIELD® skirt coated piston; 3 L.H. pistons & 3 R.H. pistons, 16.51mm Pin Dia.	
6	Pin Bushing	03-94	4909Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	03-98	E-961KC	Std-50MM	2-1.20MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	

Toyota Car (Incl. Lexus, Scion, Toyota)

21 (cont.)		2005 - 1994; 3.0L 2995cc DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1MZF				21 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-94	7405M	Std Only			
1	Thrust Washer Set	03-94	4907F	Std Only			
1	Rod Set	03-94	6-4905P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-94	224-43611				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	03-02	260-1824		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	01	260-1824		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	00	260-1823		To 01/01/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	00	260-1824		From 01/01/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	99	260-1823		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	99	260-1823		To 08/01/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	99	260-1825		From 08/01/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	98-94	260-1823		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-94	381-8097				
1	Brass Deep Cup Freeze Plug	95-94	381-9009		35mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6904	----	
01-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6904	----	
00-00	To 1/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6903	----	
00-00	From 1/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6904	----	
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6903	----	
99-99	To 8/1/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6903	----	
99-99	From 8/1/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6905	----	
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6903	----	
03-02	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6904M	----	
01-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6904M	----	
00-00	To 1/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6903M	----	
00-00	From 1/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6904M	----	
99-99	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6903M	----	
99-99	To 8/1/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6903M	----	
99-99	From 8/1/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6905M	----	
98-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6903M	----	

Toyota Car (Incl. Lexus, Scion, Toyota)

22		2006 - 1999; 3.0L 2995cc DOHC V6 (24 Valve), 87.5mm Bore VVT-i; MFI; Gasoline;				22	
Naturally Aspirated Toyota Eng.; Eng. Code 1MZFE							
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	03-99	222-B257				
1	Timing Belt & Tensioner Set	02-99	BTS-257				
1	Belt Idler	03-99	222-303BT		Loc. Upper		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	04-99	HT-2299	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	06-99	V-4525X	Std Only	Chrome plated stem; 1.073" Head Dia., 0.2155" Stem Dia., 3.755" O.A.L.		
12	Intake	06-99	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	06-99	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.		
12	Guide	06-99	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	06-99	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth		
12	Seat	06-99	245-1437-72	Std Only	Loc. Int.; 1.243" ID top taper; 1.4375" OD, 1.15" ID, 0.257" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	02-99	6K13610CP	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.123 CD, Flat Hd. w/4 valve reliefs; Anodized top; DUROSHIELD® skirt coated piston; 3 L.H. pistons & 3 R.H. pistons, 16.51mm Pin Dia.		
6	Pin Bushing	03-99	4909Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-99	E-961KC	Std-50MM	2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-99	7405M	Std Only			
1	Thrust Washer Set	03-99	4907F	Std Only			
1	Rod Set	03-99	6-4905P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	03-99	224-43611				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02	260-1825		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
1	Kit Gasket Set	01-99	260-1825		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-99	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring	205-6905	----	
02-99	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			Re-ring w/Mains	205-6905M	----	
23		1998 - 1992; 3.0L 2997cc DOHC L6 (24 Valve), 86mm Bore; MFI; Gasoline; Naturally				23	
Aspirated Toyota Eng.; Eng. Code 2JZGE							
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	98-92	HT-2299	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	98-92	V-4707	Std Only	Nitrided stem; 29mm Head Dia., 5.97mm Stem Dia., 99.05mm O.A.L.		
12	Intake	98-92	V-4706	Std Only	Nitrided stem; 33.5mm Head Dia., 5.985mm Stem Dia., 98.5mm O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	98-92	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L.		
12	Guide	98-92	VG-913	Std Only	Loc. Int.; 0.237" ID, 1.52" O.A.L.		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
12	Valve Stem Seal	98-94	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	98-92	7392M	Std-25MM			
1	Thrust Washer Set	98-92	4863F	Std Only			
1	Rod Set	98-92	6-4860P	Std-25MM			
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-93	381-8097				
1	Brass Deep Cup Freeze Plug	95-93	381-9009		35mm Diameter		

Toyota Car (Incl. Lexus, Scion, Toyota)

24		1998 - 1993; 3.0L 2997cc DOHC L6 (24 Valve), 86mm Bore; MFI; Gasoline; Turbo - Intercooled Toyota Eng.; Eng. Code 2JZGTE				24
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	98-94	HT-2299	Std Only	Mech.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
6	Guide	98-94	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L.	
6	Guide	98-94	VG-913	Std Only	Loc. Int.; 0.237" ID, 1.52" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	98-94	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	98-93	7392M	Std.-25MM		
1	Thrust Washer Set	98-93	4863F	Std Only		
1	Rod Set	98-93	6-4860P	Std.-25MM		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	95-93	381-8097			
1	Brass Deep Cup Freeze Plug	95-93	381-9009		35mm Diameter	
25		2005 - 1998; 3.0L 2997cc DOHC L6 (24 Valve), 86mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2JZGE				25
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
24	Lifter	02-98	HT-2299	Std Only	Mech.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	05-98	V-4707	Std Only	Nitrided stem; 29mm Head Dia., 5.97mm Stem Dia., 99.05mm O.A.L.	
12	Intake	05-98	V-4706	Std Only	Nitrided stem; 33.5mm Head Dia., 5.985mm Stem Dia., 98.5mm O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	03-00	VG-810	Std Only	Loc. Int.; 0.24" ID, 1.52" O.A.L.	
12	Guide	03-98	VG-791	Std Only	Loc. Exh.; 0.235" ID, 1.6" O.A.L.	
12	Guide	99-98	VG-913	Std Only	Loc. Int.; 0.237" ID, 1.52" O.A.L.	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
12	Valve Stem Seal	03-00	ST-2079	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber	
12	Valve Stem Seal	03-00	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®	
12	Valve Stem Seal	99-98	ST-2079	Std Only	Positive type, Metal Clad; (RBB) Rubber	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-98	7392M	Std.-25MM		
1	Thrust Washer Set	02-98	4863F	Std Only		
1	Rod Set	02-98	6-4860P	Std.-25MM		
26		2009 - 2004; 3.3L 3311cc DOHC V6 (24 Valve), 92mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3MZFE				26
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	06-04	222-B257			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	09-04	V-4525X	Std Only	Chrome plated stem; 1.073" Head Dia., 0.2155" Stem Dia., 3.755" O.A.L.	
12	Intake	09-04	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
12	Guide	08	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.	
12	Guide	08	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.	
12	Guide	06-04	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.	
12	Guide	06-04	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
6	Pin Bushing	06-04	4909Y			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	06-04	7405M	Std Only		
1	Thrust Washer Set	06-04	4907F	Std Only		
1	Rod Set	06-04	6-4905P	Std Only		
27		1997 - 1991; 4.0L 3968cc DOHC V8 (32 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1UZFE				27
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	97	222-B190		To 7/97	
1	Timing Belt	96-91	222-B190			

Toyota Car (Incl. Lexus, Scion, Toyota)

27 (cont.)		1997 - 1991; 4.0L 3968cc DOHC V8 (32 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1UZFE								27 (cont.)	
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
16	Exhaust	97-91	V-4502	Std Only	Chrome plated stem; 1.102" Head Dia., 0.235" Stem Dia., 3.819" O.A.L.						
16	Intake	97-91	V-4501	Std Only	Chrome plated stem; 1.319" Head Dia., 0.2354" Stem Dia., 3.74" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
16	Guide	96-95	VG-810	Std Only	Loc. Int.; 0.24" ID, 1.52" O.A.L.						
16	Guide	94-93	VG-791	Std Only	Loc. Int.; 0.235" ID, 1.6" O.A.L.						
16	Guide	94-93	VG-809	Std Only	Loc. Exh.; 0.24" ID, 1.9" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Thrust Washer Set	97-91	4786F	Std Only	Loc. 3						
8	Rod Pair	97-91	4785P	Std-.25MM							
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION						
1	Kit Gasket Set	97-92	260-1802		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.						
1	Kit Gasket Set	97-92	260-1802		Exh. manifold gskts. not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.						
1	Kit Gasket Set	91	260-1802		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.						
28		2000 - 1998; 4.0L 3968cc DOHC V8 (32 Valve), 87.5mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1UZFE								28	
VALVETRAIN											
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
16	Guide	00	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.						
16	Guide	00	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.						
BLOCK											
QTY	PISTON	YEARS	PART NO.		DESCRIPTION						
8	Pin Bushing	00	4909Y								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Thrust Washer Set	99-98	4786F	Std Only	Loc. 3						
8	Rod Pair	99-98	4785P	Std-.25MM							
29		2010 - 2001; 4.3L 4293cc DOHC V8 (32 Valve), 91mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3UZFE								29	
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
16	Exhaust	10-01	V-4705	Std Only	Nitrided stem; 29mm Head Dia., 5.465mm Stem Dia., 95.05mm O.A.L.						
16	Intake	10-01	V-4704	Std Only	Nitrided stem; 34.5mm Head Dia., 5.475mm Stem Dia., 95.05mm O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
16	Guide	10-01	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.						
16	Guide	10-01	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.						

Toyota Minivans - See Toyota Truck

Toyota SUV's - See Toyota Truck

Toyota Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		3SFE		MFI/Gasoline	2000-1996	1
2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		1AZFE		MFI/Gasoline	2003-2001	2
2.4L	144.0	2362cc	DOHC L4	88.5mm	16	Toyota Eng.		2AZFE		MFI/Gasoline	2008-2001	3
2.4L	144.4	2366cc	SOHC L4	92mm	8	Toyota Eng.		22RE		MFI/Gasoline	1995-1991	4
2.4L	148.7	2438cc	DOHC L4	95mm	16	Toyota Eng.		2RZFE		MFI/Gasoline	2004-1995	5
2.4L	148.7	2438cc	DOHC L4	95mm	16	Toyota Eng.		2TZFE		MFI/Gasoline	1996-1991	6
2.4L	148.7	2438cc	DOHC L4	95mm	16	Toyota Eng.		2TZFZE		MFI/Gasoline	1997-1994	7
2.7L	164.3	2693cc	DOHC L4	95mm	16	Toyota Eng.		3RZFE		MFI/Gasoline	2004-1994	8
3.0L	180.5	2958cc	SOHC V6	87.5mm	12	Toyota Eng.		3VZE		MFI/Gasoline	1995-1991	9
3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		1MZFE		MFI/Gasoline	2000-1998	10
3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		1MZFE		MFI/Gasoline	2003-1999	11
3.3L	202.0	3311cc	DOHC V6	92mm	24	Toyota Eng.		3MZFE		MFI/Gasoline	2007-2004	12

Toyota Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
3.3L	202.0	3311cc	DOHC V6	92mm	24	Toyota Eng.		3MZFXE		MFI/Hybrid (Gas/Electric)	2010-2006	13
3.4L	206.1	3378cc	DOHC V6	93.5mm	24	Toyota Eng.		5VZFE		MFI/Gasoline	2004-1995	14
4.0L	241.3	3955cc	DOHC V6	94mm	24	Toyota Eng.		1GRFE		MFI/Gasoline	2010-2003	15
4.0L	241.4	3956cc	OHV L6	94mm	12	Toyota Eng.		3FE		MFI/Gasoline	1992-1991	16
4.7L	285.0	4664cc	DOHC V8	94mm	32	Toyota Eng.		2UZFE		MFI/Gasoline	2005-2000	17
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
1AZFE	2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		MFI/Gasoline	2003-2001	2	
1GRFE	4.0L	241.3	3955cc	DOHC V6	94mm	24	Toyota Eng.		MFI/Gasoline	2010-2003	15	
1MZFE	3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		MFI/Gasoline	2000-1998	10	
1MZFE	3.0L	182.6	2995cc	DOHC V6	87.5mm	24	Toyota Eng.		MFI/Gasoline	2003-1999	11	
22RE	2.4L	144.4	2366cc	SOHC L4	92mm	8	Toyota Eng.		MFI/Gasoline	1995-1991	4	
2AZFE	2.4L	144.0	2362cc	DOHC L4	88.5mm	16	Toyota Eng.		MFI/Gasoline	2008-2001	3	
2RZFE	2.4L	148.7	2438cc	DOHC L4	95mm	16	Toyota Eng.		MFI/Gasoline	2004-1995	5	
2TZFE	2.4L	148.7	2438cc	DOHC L4	95mm	16	Toyota Eng.		MFI/Gasoline	1996-1991	6	
2TZFZE	2.4L	148.7	2438cc	DOHC L4	95mm	16	Toyota Eng.		MFI/Gasoline	1997-1994	7	
2UZFE	4.7L	285.0	4664cc	DOHC V8	94mm	32	Toyota Eng.		MFI/Gasoline	2005-2000	17	
3FE	4.0L	241.4	3956cc	OHV L6	94mm	12	Toyota Eng.		MFI/Gasoline	1992-1991	16	
3MZFE	3.3L	202.0	3311cc	DOHC V6	92mm	24	Toyota Eng.		MFI/Gasoline	2007-2004	12	
3MZFXE	3.3L	202.0	3311cc	DOHC V6	92mm	24	Toyota Eng.		MFI/Hybrid (Gas/Electric)	2010-2006	13	
3RZFE	2.7L	164.3	2693cc	DOHC L4	95mm	16	Toyota Eng.		MFI/Gasoline	2004-1994	8	
3SFE	2.0L	122.0	1998cc	DOHC L4	86mm	16	Toyota Eng.		MFI/Gasoline	2000-1996	1	
3VZE	3.0L	180.5	2958cc	SOHC V6	87.5mm	12	Toyota Eng.		MFI/Gasoline	1995-1991	9	
5VZFE	3.4L	206.1	3378cc	DOHC V6	93.5mm	24	Toyota Eng.		MFI/Gasoline	2004-1995	14	
1	2000 - 1996; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3SFE										1	
VALVETRAIN												
QTY	TIMING	YEARS	PART NO.	DESCRIPTION								
1	Timing Belt	00-96	222-B199									
1	Timing Belt Tensioner	00-96	222-301BT	Loc. Upper								
1	Timing Belt & Tensioner Set	97-96	BTS-199									
1	Belt Idler	00-96	222-111BT	Loc. Lower								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION								
16	Lifter	00-96	AT-6010	Std Only Mech.								
QTY	VALVE	YEARS	PART NO.	DESCRIPTION								
8	Exhaust	00-96	V-2619	Std Only 1.063" Head Dia., 0.235" Stem Dia., 3.875" O.A.L.								
8	Intake	00-96	V-2620	Std Only 1.258" Head Dia., 0.235" Stem Dia., 3.843" O.A.L.								
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION								
8	Guide	00	VG-810	Std Only Loc. Int.; 0.24" ID, 1.52" O.A.L.								
8	Guide	00-96	VG-791	Std Only Loc. Exh.; 0.235" ID, 1.6" O.A.L.								
8	Guide	00-96	VG-913	Std Only Loc. Int.; 0.237" ID, 1.52" O.A.L.								
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION								
16	Spring	00-96	VS-937	Std Only 1.658" Free Height								
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION								
8	Valve Stem Seal	00-96	ST-2079	Std Only Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber								
8	Valve Stem Seal	00-96	ST-2113	Std Only Loc. Int.; Positive type, Metal Clad; (VTN) Viton®								
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION								
8	Seat	00-96	245-1062-50	Std Only Loc. Exh.; 1.0695" OD, 0.79" ID, 0.254" Depth								
8	Seat	00-96	245-1375-56	Std Only Loc. Int.; 1.382" OD, 1.102" ID, 0.26" Depth								
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION								
32	Keeper	00-96	VK-242	Std Only								
BLOCK												
QTY	RINGS	YEARS	PART NO.	DESCRIPTION								
1	Premium Set	97-96	E-523KC	Std-.75MM 2-1.50MM, 1-4.00MM; Premium Chrome								
1	Standard Set	97-96	E-523X	Std Only 2-1.50MM, 1-4.00MM; Iron								
4	Premium Single Cylinder Set	97-96	WE-523KC	Std-.50MM 2-1.50MM, 1-4.00MM; Premium Chrome								
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION								
1	Main Set	00-96	6622MA	Std-.25MM A-Series aluminum bearings								
1	Thrust Washer Set	00-96	67277BF	Std Only								
1	Rod Set	00-96	4-4450P	Std-.25-.50MM								
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION								

Toyota Truck (Incl. Minivans and SUV's)

1 (cont.)	2000 - 1996; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3SFE					1 (cont.)
BLOCK						
QTY	OIL PUMP (cont.)	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	00-96	224-43577			
1	Screen Assy.	96	224-14288			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	00-98	260-1793		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	97	260-1792		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	96	260-1750		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	00-96	260-2558	Std Only	Head bolts w/Washers; Replacement recommended; New Part Number - Check for Availability	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	96	381-8091			
1	Brass Deep Cup Freeze Plug	96	381-9009		35mm Diameter	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
00-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6896	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6895	----
96-96	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6894	----
00-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6896M	----
97-97	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; Incl. A-Series aluminum bearings			Re-ring w/Mains	205-6895M	----
96-96	Incl. A-Series aluminum bearings; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring w/Mains	205-6894M	----
2	2003 - 2001; 2.0L 1998cc DOHC L4 (16 Valve), 86mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1AZFE					2
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	03-01	V-4690	Std Only	1.161" Head Dia., 0.2155" Stem Dia., 3.982" O.A.L.	
8	Intake	03-01	V-4689	Std Only	1.339" Head Dia., 0.2156" Stem Dia., 4.004" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	03-01	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.	
3	2008 - 2001; 2.4L 2362cc DOHC L4 (16 Valve), 88.5mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2AZFE					3
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	08-01	V-4690	Std Only	1.161" Head Dia., 0.2155" Stem Dia., 3.982" O.A.L.	
8	Intake	08-01	V-4689	Std Only	1.339" Head Dia., 0.2156" Stem Dia., 4.004" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
16	Guide	08-01	VG-1424T	Std Only	Loc. Int. & Exh.; 0.2175" ID, 1.59" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	05-01	7431M	Std.-25- 50MM		
1	Thrust Washer Set	05-01	5001F	Std Only		
1	Rod Set	05-01	4-5000A	Std.-25- 50MM		
4	1995 - 1991; 2.4L 2366cc SOHC L4 (8 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 22RE					4
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Complete Set	95-91	KT-1028S		Incl. sprockets, single rlr. chain, tensioner, guides; If the cyl. head or eng. block has been resurfaced use shim	
1	Timing Chain	95-91	222-S96T2		Single rlr.; 96 Links	
1	Timing Chain Tensioner	95-91	222-100CT			
1	Timing Chain Guide	95-91	222-132GP		Loc. R.H.	
1	Timing Chain Guide	95-91	222-133GP		Loc. L.H.	
1	Timing Belt	93	222-B240			
1	Crank Sprocket	95-91	223-593		18 Teeth	
1	Cam Sprocket	95-91	223-600		36 Teeth	

Toyota Truck (Incl. Minivans and SUV's)

4 (cont.)		1995 - 1991; 2.4L 2366cc SOHC L4 (8 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 22RE			4 (cont.)	
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
1	Camshaft	94-91	CS-719		Hydraulic, (050) Duration at .050 Lobe Lift, 202 Exh., 199 Int.	
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.	
1	Prelube		55-403	Std Only	1.5 oz. packet	
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION	
1	Rocker Shaft	92	RS-628	Std Only	Loc. Exh.; To 1/92; 4WD	
1	Rocker Shaft	92	RS-629	Std Only	Loc. Int.; To 1/92; 4WD	
1	Rocker Shaft	92-91	RS-628	Std Only	Loc. Exh.	
1	Rocker Shaft	92-91	RS-629	Std Only	Loc. Int.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	95-91	V-2263	Std Only	Chrome plated stem; 1.4567" Head Dia., 0.3135" Stem Dia., 4.42" O.A.L.	
4	Exhaust, Bulk	95-91	V-2263B	Std Only	1 groove; Chrome plated stem; Carton of 25; 1.4567" Head Dia., 0.3135" Stem Dia., 4.42" O.A.L.	
4	Intake	95-91	V-2264	Std Only	1 groove; Nitrided stem; 1.77" Head Dia., 0.314" Stem Dia., 4.465" O.A.L.	
4	Intake, Bulk	95-91	V-2264B	Std Only	1 groove; Nitrided stem; Carton of 25; 1.77" Head Dia., 0.314" Stem Dia., 4.465" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
4	Guide	95-91	VG-706	Std Only	Loc. Int. & Exh.; 0.316" ID, 2.26" O.A.L	
4	Guide	95-91	VG-793	Std Only	Loc. Int. & Exh.; 0.315" ID, 2.25" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
8	Spring	95-91	VS-1445	Std Only	1.973" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	95-94	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	95-91	ST-2111	Std Only	Positive type, Metal Clad; (VTN) Viton®; Superseded - When depleted use ST-2037	
8	Valve Stem Seal	93	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	To 11/92; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	To 11/92; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	To 11/92; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	To 11/92; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	To 11/92; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	93	ST-2037	Std Only	To 11/92; Positive type, Metal Clad; (RBB) Rubber	
8	Valve Stem Seal	92-91	ST-2037	Std Only	Positive type, Metal Clad; (RBB) Rubber	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
4	Seat	95-91	245-1562-67	Std Only	Loc. Exh.; 1.5695" OD, 1.255" ID, 0.319" Depth	
4	Seat	95-91	245-1937-52	Std Only	Loc. Int.; 1.9445" OD, 1.573" ID, 0.379" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	95-91	VK-210	Std Only	2 groove	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Cast Piston	95-91	12886CP	Std-50-.75-1.00-1.50MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 34.36mm CD, Recessed Head 2.28mm deep x 34.36mm dia. w/1 valve relief, 21.996mm Pin Dia.	
4	Cast Piston - Individual	95-91	W12886CP	Std Only	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 34.36mm CD, Recessed Head 2.28mm deep x 34.36mm dia. w/1 valve relief, 21.996mm Pin Dia.	
1	Cast Piston Set w/Prem. Rings	95-91	4K12886CP .50MM	.50-.75MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 34.36mm CD, Recessed Head 2.28mm deep x 34.36mm dia. w/1 valve relief, 21.996mm Pin Dia.	
1	Pin Bushing Set	95-91	4-3964Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	95-91	E-510K	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
1	Premium Set	95-91	E-510KC	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
1	Standard Set	95-91	E-510X	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Iron	
4	Premium Single Cylinder Set	95-91	WE-510K 1.00MM	1.00MM	2-1.50MM, 1-4.00MM; Premium Moly	
4	Premium Single Cylinder Set	95-91	WE-510KC	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	95-91	7148M	Std-25-.50-.75MM		
1	Thrust Washer Set	95-91	67333AF	Std Only	Loc. 3	
1	Rod Set	95-91	4-3960CPA	Std-25-.50-.75MM		
1	Cam Set	95-91	1859M	Std Only		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	95-91	224-41940			
1	Screen Assy.	95-91	224-15054		RWD	
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	

Toyota Truck (Incl. Minivans and SUV's)

4 (cont.)	1995 - 1991; 2.4L 2366cc SOHC L4 (8 Valve), 92mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 22RE				4 (cont.)
BLOCK					
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION	
1	Kit Gasket Set	95	260-1503	Timing cover seal not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1503	From 11/01/93; Timing cover seal not incl.; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	94	260-1503	To 11/01/93; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Kit Gasket Set	93-91	260-1503	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	
1	Head Bolt Set	95-91	260-2544	Std Only	Replacement recommended; New Part Number - Check for Availability
QTY	FREEZE PLUGS	YEARS	PART NO.	DESCRIPTION	
1	Brass Block Plug Kit	95-91	381-8042		
KITS					
RE-RING KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
95-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring		205-6182	205-1182
95-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Re-ring w/Mains		205-6182M	205-1182M
OVERHAUL KIT				PREMIUM	STANDARD
YEARS	DESCRIPTION			KIT NO.	KIT NO.
95-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Block Kit w/Premium Rings		BK-6328	----
95-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.	Block Kit w/Oil Pump & Freeze Plugs		BKP-6328	----
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; If the cyl. head or eng. block has been resurfaced use shim	Master		MKP-6182A	MKP-1182A
94-91	PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; If the cyl. head or eng. block has been resurfaced use shim	Master w/o Pistons		MK-6182A	MK-1182A
5	2004 - 1995; 2.4L 2438cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2RZFE				5
VALVETRAIN					
QTY	TIMING	YEARS	PART NO.	DESCRIPTION	
1	Complete Set	99-98	KT-4011S	Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)	
1	Complete Set	97-96	KT-4011S	Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)	
1	Complete Set	95	KT-4011S	Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)	
1	Complete Set	04	KT-4011S	Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)	
1	Complete Set	03-01	KT-4011S	Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)	
1	Complete Set	00	KT-4011S	Incl. Cam (2), Crank, Chain, Tensioner, Guide (2)	
1	Timing Chain	03-00	222-S102T3X	Single rlr.; 102 Links	
1	Timing Chain	96-95	222-S102T3X	Single rlr.; 102 Links	
1	Crank Sprocket	03-00	223-593	18 Teeth	
1	Crank Sprocket	99-98	223-593	18 Teeth	
1	Crank Sprocket	97-95	223-593	18 Teeth	
1	Cam Sprocket	96-95	223-754	36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION	
16	Lifter	04-95	AT-6010	Std Only	Mech.
QTY	VALVE	YEARS	PART NO.	DESCRIPTION	
8	Exhaust	04-95	V-2589X	Std Only	1.201" Head Dia., 0.2351" Stem Dia., 4.083" O.A.L.
8	Intake	04-95	V-4629	Std Only	1.476" Head Dia., 0.2352" Stem Dia., 4.075" O.A.L.
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION	
8	Guide	04-95	VG-791	Std Only	Loc. Int.; 0.235" ID, 1.6" O.A.L.
8	Guide	04-95	VG-809	Std Only	Loc. Exh.; 0.24" ID, 1.9" O.A.L.
QTY	VALVE SPRING	YEARS	PART NO.	DESCRIPTION	
16	Spring	99-95	VS-933	Std Only	1.656" Free Height
QTY	VALVE SEAL	YEARS	PART NO.	DESCRIPTION	
8	Valve Stem Seal	04-00	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION	
8	Seat	04-00	245-1562-76	Std Only	Loc. Int.; 1.5625" OD, 1.3" ID, 0.257" Depth
8	Seat	04-95	245-1312-67	Std Only	Loc. Exh.; 1.3125" OD, 1.042" ID, 0.238" Depth
8	Seat	99-95	245-1562-66	Std Only	Loc. Int.; 1.5695" OD, 1.265" ID, 0.28" Depth
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION	
32	Keeper	04-95	VK-242	Std Only	

Toyota Truck (Incl. Minivans and SUV's)

5 (cont.)		2004 - 1995; 2.4L 2438cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2RZFE				5 (cont.)	
BLOCK							
QTY	PISTON (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Cast Piston	04-95	H1133CT	Std-50-.75MM	Hypereutectic; 2 -, 1.50mm Groove, 1 - 2.80mm Groove, 1.385 CD, Flat Head; DUROSHIELD® skirt coated piston; Keronite coating of 10 microns on crown, top land, in top groove, and top half of second land, 24.016mm Pin Dia.		
1	Pin Bushing Set	03-95	4-4859Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-95	E-957KC	Std-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-95	7391M	Std-.25MM			
1	Thrust Washer Set	02-95	4858F	Std Only			
1	Rod Set	02-95	4-4855A	Std-.25MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	04-95	224-43614				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	04-01	260-1859		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00	260-1858		To 09/30/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	00	260-1859		From 10/01/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
1	Kit Gasket Set	99-95	260-1858		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6900	----	
00-99	To 9/30/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6899	----	
98-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring		205-6899	----	
02-00	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6900M	----	
00-99	To 9/30/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6899M	----	
98-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Re-ring w/Mains		205-6899M	----	
OVERHAUL KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-01	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6331	----	
00-00	To 9/30/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6329	----	
00-00	From 10/1/99; Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6331	----	
99-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		Block Kit w/Premium Rings		BK-6329	----	
6		1996 - 1991; 2.4L 2438cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2TZFE				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Complete Set	96-94	KT-4013S		Incl. Cam (2), Crank, Chain (2), Guide (2), Tensioner		
1	Complete Set	93-91	KT-4012S		Incl. Cam (2), Crank, Chain (2), Guide (2), Tensioner		
1	Timing Chain	96-91	222-S102T3X		Single rlr.; 102 Links		
1	Cam Sprocket	96-91	223-754		36 Teeth		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	96-91	AT-6010	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	96-91	V-2589X	Std Only	1.201" Head Dia., 0.2351" Stem Dia., 4.083" O.A.L.		
8	Intake	96-91	V-2588X	Std Only	1.417" Head Dia., 0.2355" Stem Dia., 4.075" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	96-91	VG-791	Std Only	Loc. Int.; 0.235" ID, 1.6" O.A.L.		
8	Guide	96-91	VG-809	Std Only	Loc. Exh.; 0.24" ID, 1.9" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
16	Spring	96-91	VS-933	Std Only	1.656" Free Height		

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6 (cont.)		1996 - 1991; 2.4L 2438cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2TZFE				6 (cont.)
VALVETRAIN						
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	96-91	245-1312-67	Std Only	Loc. Exh.; 1.3125" OD, 1.042" ID, 0.238" Depth	
8	Seat	96-91	245-1562-66	Std Only	Loc. Int.; 1.5695" OD, 1.265" ID, 0.28" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
32	Keeper	96-91	VK-242	Std Only		
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
1	Pin Bushing Set	96-91	4-4859Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	96-91	E-607KC	Std.-50-1.00MM	1-1.75MM, 1-1.50MM, 1-4.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	96-91	7391M	Std.-25MM		
1	Thrust Washer Set	96-91	4858F	Std Only		
1	Rod Set	96-91	4-4855A	Std.-25MM		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	96-91	260-1857		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT					PREMIUM	STANDARD
YEARS	DESCRIPTION				KIT NO.	KIT NO.
96-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				205-6898	----
96-91	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.				205-6898M	----
7		1997 - 1994; 2.4L 2438cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Supercharged Toyota Eng.; Eng. Code 2TZFZE				7
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	97-94	222-S102T3X		Single rlr.; 102 Links	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	97-94	V-2589X	Std Only	1.201" Head Dia., 0.2351" Stem Dia., 4.083" O.A.L.	
8	Intake	97-94	V-2588X	Std Only	1.417" Head Dia., 0.2355" Stem Dia., 4.075" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	97-94	VG-791	Std Only	Loc. Int.; 0.235" ID, 1.6" O.A.L	
8	Guide	97-94	VG-809	Std Only	Loc. Exh.; 0.24" ID, 1.9" O.A.L	
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION	
8	Seat	97-94	245-1312-67	Std Only	Loc. Exh.; 1.3125" OD, 1.042" ID, 0.238" Depth	
8	Seat	97-94	245-1562-66	Std Only	Loc. Int.; 1.5695" OD, 1.265" ID, 0.28" Depth	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
8	Keeper	97-94	VK-242	Std Only	Loc. Exh.	
BLOCK						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	97-94	260-1857		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.	
8		2004 - 1994; 2.7L 2693cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3RZFE				8
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Chain	03-94	222-1023		106 Links	
1	Crank Sprocket	03-94	223-593		18 Teeth	
1	Cam Sprocket	03-00	223-754		36 Teeth	
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
16	Lifter	04-94	HT-2299	Std Only	Mech.	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
8	Exhaust	04-94	V-2589X	Std Only	1.201" Head Dia., 0.2351" Stem Dia., 4.083" O.A.L.	
8	Intake	04-94	V-4629	Std Only	1.476" Head Dia., 0.2352" Stem Dia., 4.075" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	04-94	VG-791	Std Only	Loc. Int.; 0.235" ID, 1.6" O.A.L	
8	Guide	04-94	VG-809	Std Only	Loc. Exh.; 0.24" ID, 1.9" O.A.L	
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION	
16	Spring	04-00	VS-933	Std Only	Loc. Int. & Exh.; 1.656" Free Height	
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION	
8	Valve Stem Seal	04-00	ST-2113	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®	

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8 (cont.)		2004 - 1994; 2.7L 2693cc DOHC L4 (16 Valve), 95mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3RZFE				8 (cont.)	
VALVETRAIN							
QTY	VALVE SEAL (cont.)	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	98-94	ST-2079	Std Only	Loc. Int.; Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	04-00	245-1562-76	Std Only	Loc. Int.; 1.5625" OD, 1.3" ID, 0.257" Depth		
8	Seat	04-94	245-1312-67	Std Only	Loc. Exh.; 1.3125" OD, 1.042" ID, 0.238" Depth		
8	Seat	99-94	245-1562-66	Std Only	Loc. Int.; 1.5695" OD, 1.265" ID, 0.28" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
32	Keeper	04-94	VK-242	Std Only	Loc. Int. & Exh.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Pin Bushing Set	03-00	4-4859Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	98-94	E-957KC	Std-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	02-94	4-4935P	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	04-94	260-1801		Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	00-94	381-8105				
1	Brass Deep Cup Freeze Plug	00-94	381-9009		35mm Diameter		
1	Brass Deep Cup Freeze Plug	00-94	381-9012		30mm Diameter		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
98-94	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.			Re-ring	205-6901	----	
9		1995 - 1991; 3.0L 2958cc SOHC V6 (12 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3VZE				9	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95	222-B240				
1	Timing Belt	94	222-B240				
1	Timing Belt	93	222-B240				
1	Timing Belt	92	222-154		To 8/92		
1	Timing Belt	91	222-154				
1	Belt Idler	95-91	222-298BT		Loc. Upper		
1	Belt Idler	93	222-209BT		Loc. L.H.		
1	Belt Idler	93	222-209BT				
1	Belt Idler	93	222-209BT		Loc. L.H.; To 11/92		
1	Belt Idler	93	222-209BT		Loc. L.H.		
1	Belt Idler	93	222-209BT		Loc. L.H.; To 11/92		
1	Belt Idler	93	222-209BT		Loc. L.H.; To 11/92		
1	Belt Idler	93	222-209BT		Loc. L.H.		
1	Belt Idler	93	222-209BT		Loc. L.H.; To 11/92		
1	Belt Idler	92	222-209BT		Loc. L.H.; To 11/92		
1	Belt Idler	91	222-209BT		Loc. L.H.		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	95-91	CS-1526		Loc. R.H.; Hydraulic, (050) Duration at .050 Lobe Lift, 208 Exh., 208 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	95-91	AT-6010	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	95-91	V-2586	Std Only	Nitrided stem; 1.378" Head Dia., 0.314" Stem Dia., 4.103" O.A.L.		
12	Intake	95-91	V-2587X	Std Only	1.654" Head Dia., 0.314" Stem Dia., 4.101" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	95-91	VG-1416T	Std Only	Loc. Int. & Exh.; 0.316" ID, 1.82" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		
24	Spring	95-91	VS-1414	Std Only	1.864" Free Height		
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
6	Valve Stem Seal	95-91	ST-2074	Std Only	Loc. Exh.; Positive type, Metal Clad; (RBB) Rubber		
6	Valve Stem Seal	95-91	ST-2115	Std Only	Loc. Int.; Positive type, Metal Clad; (VTN) Viton®		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	95-91	245-1562-72	Std Only	Loc. Exh.; 1.5695" OD, 1.18" ID, 0.316" Depth		

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9 (cont.)		1995 - 1991; 3.0L 2958cc SOHC V6 (12 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3VZE				9 (cont.)	
VALVETRAIN							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
24	Keeper	95-91	VK-241	Std Only			
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set	95-91	6-13519P	Std-50-1.00MM	Cast; 2 -, 1.50mm Groove, 1 - 4.00mm Groove, 33.8mm CD, Recessed Head 3.15mm deep w/2 valve reliefs; 3 pcs. 13257P & 3 pcs. 13258P; SOLD ONLY IN PISTON SETS, 21.016mm Pin Dia.		
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	95-91	E-562KC	Std-50-.75-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
6	Premium Single Cylinder Set	95-91	WE-562KC	Std-50-.75MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	7261M	Std-25-.50-.75MM			
1	Thrust Washer Set	95-91	3956BF	Std Only	Loc. 2		
1	Rod Set	95-91	6-4385RA	Std-25-.50-.75MM			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	95-91	224-41980				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	95-91	260-1714		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
2	Head Bolt Set	95-91	260-2549	Std Only	Replacement recommended; New Part Number - Check for Availability		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	95-91	381-8097				
1	Brass Deep Cup Freeze Plug	95-91	381-9009		35mm Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	
95-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6365	----
95-91	PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6365M	----
10		2000 - 1998; 3.0L 2995cc DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1MZF				10	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	00-98	222-B257				
1	Timing Belt & Tensioner Set	00-99	BTS-257				
1	Belt Idler	00-98	222-303BT		Loc. Upper		
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	00-98	HT-2299	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
12	Exhaust	00-98	V-4525X	Std Only	Chrome plated stem; 1.073" Head Dia., 0.2155" Stem Dia., 3.755" O.A.L.		
12	Intake	00-98	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	00-98	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.		
12	Guide	00-98	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	00-98	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth		
12	Seat	00-98	245-1437-72	Std Only	Loc. Int.; 1.243" ID top taper; 1.4375" OD, 1.15" ID, 0.257" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
1	Cast Piston Set w/Prem. Rings	00	6K13610CP	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.123 CD, Flat Hd. w/4 valve reliefs; Anodized top; DUROSHIELD® skirt coated piston; 3 L.H. pistons & 3 R.H. pistons, 16.51mm Pin Dia.		
6	Pin Bushing	00	4909Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	00-98	E-961KC	Std-50MM	2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-98	7405M	Std Only			
1	Thrust Washer Set	00-98	4907F	Std Only			
1	Rod Set	00-98	6-4905P	Std Only			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	00	260-1823		To 01/01/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.		

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10 (cont.)		2000 - 1998; 3.0L 2995cc DOHC V6 (24 Valve), 87.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1MZFE				10 (cont.)	
BLOCK							
QTY	GASKETS (cont.)	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	00	260-1824	From 01/01/00 to 08/01/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.			
1	Kit Gasket Set	00	260-1825	From 08/01/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.			
1	Kit Gasket Set	99-98	260-1823	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.			
KITS							
RE-RING KIT				PREMIUM	STANDARD		
YEARS	DESCRIPTION			KIT NO.	KIT NO.		
00-00	To 1/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6903	----		
00-00	From 1/1/00 to 8/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6904	----		
00-00	From 8/2/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6905	----		
99-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6903	----		
00-00	To 1/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6903M	----		
00-00	From 1/1/00 to 8/1/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6904M	----		
00-00	From 8/2/00; Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6905M	----		
99-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for upper oil pan gskt.			205-6903M	----		
11							
11		2003 - 1999; 3.0L 2995cc DOHC V6 (24 Valve), 87.5mm Bore VVT-i; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1MZFE				11	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.	DESCRIPTION			
1	Timing Belt	03-99	222-B257				
1	Timing Belt & Tensioner Set	02-99	BTS-257				
1	Belt Idler	03-99	222-303BT	Loc. Upper			
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION			
24	Lifter	03-99	HT-2299	Std Only	Mech.		
QTY	VALVE	YEARS	PART NO.	DESCRIPTION			
12	Exhaust	03-99	V-4525X	Std Only	Chrome plated stem; 1.073" Head Dia., 0.2155" Stem Dia., 3.755" O.A.L.		
12	Intake	03-99	V-4524	Std Only	1.339" Head Dia., 0.2157" Stem Dia., 3.758" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION			
12	Guide	03-99	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.		
12	Guide	03-99	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.	DESCRIPTION			
12	Seat	03-99	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth		
12	Seat	03-99	245-1437-72	Std Only	Loc. Int.; 1.243" ID top taper; 1.4375" OD, 1.15" ID, 0.257" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.	DESCRIPTION			
1	Cast Piston Set w/Prem. Rings	02-00	6K13610CP	Std Only	Cast; 2 -, 1.20mm Groove, 1 - 3.00mm Groove, 1.123 CD, Flat Hd. w/4 valve reliefs; Anodized top; DUROSHIELD® skirt coated piston; 3 L.H. pistons & 3 R.H. pistons, 16.51mm Pin Dia.		
6	Pin Bushing	03-00	4909Y				
QTY	RINGS	YEARS	PART NO.	DESCRIPTION			
1	Premium Set	03-99	E-961KC	Std.-50MM	2-1.20MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION			
1	Main Set	03-99	7405M	Std Only			
1	Thrust Washer Set	03-99	4907F	Std Only			
1	Rod Set	03-99	6-4905P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION			
1	Oil Pump	03	224-43611				
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION			
1	Kit Gasket Set	02-01	260-1825	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.; RTV sealant incl. for Upper oil pan gskt.			

Toyota Truck (Incl. Minivans and SUV's)

14 (cont.)		2004 - 1995; 3.4L 3378cc DOHC V6 (24 Valve), 93.5mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 5VZFE				14 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
12	Intake	04-95	V-2585	Std Only	1.338" Head Dia., 0.2353" Stem Dia., 3.748" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
24	Guide	04-95	VG-791	Std Only	Loc. Int. & Exh.; 0.235" ID, 1.6" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
12	Seat	04-95	245-1187-53	Std Only	Loc. Exh.; 1.1945" OD, 0.935" ID, 0.235" Depth		
12	Seat	04-95	245-1437-72	Std Only	Loc. Int.; 1.243" ID top taper; 1.4375" OD, 1.15" ID, 0.257" Depth		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
48	Keeper	04-95	VK-242	Std Only			
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	03-95	E-958KC .50MM	.50-1.00MM	2-1.50MM, 1-4.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	03-95	7261M	Std-.25-.50-.75MM			
1	Main Set	03-95	7404M .25MM	.25MM	When depleted use 7261M .25MM; Superseded - When depleted use 7261M .25MM		
1	Thrust Washer Set	03-95	3956BF	Std Only			
1	Rod Set	03-95	6-4900P	Std Only			
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-99	224-43612				
1	Oil Pump	98-96	224-43612				
1	Oil Pump	98-96	224-43613				
1	Oil Pump	95	224-43612				
1	Oil Pump	95	224-43613				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	04-95	260-1834		Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	00-95	381-8097				
1	Brass Deep Cup Freeze Plug	00-95	381-9009		35mm Diameter		
KITS							
RE-RING KIT						PREMIUM	STANDARD
YEARS	DESCRIPTION					KIT NO.	KIT NO.
03-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring		205-6902	----
03-95	Head bolts not incl.; PermaDry® molded rubber valve cover gskts. incl.; Premium valve stem seals incl.			Re-ring w/Mains		205-6902M	----
15		2010 - 2003; 4.0L 3955cc DOHC V6 (24 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 1GRFE				15	
VALVETRAIN							
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	10-03	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.		
12	Guide	10-03	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.		
16		1992 - 1991; 4.0L 3956cc OHV L6 (12 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3FE				16	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
1	Camshaft	92-91	CS-803		Hydraulic, (050) Duration at .050 Lobe Lift, 193 Exh., 189 Int.		
1	Prelube		55-400	Std Only	4 oz. bottle; 1.5 oz. packet No. 55-403 also avail.		
1	Prelube		55-403	Std Only	1.5 oz. packet		
12	Lifter	92-91	AT-6002	Std Only	Mech.		
QTY	CAM KIT	YEARS	PART NO.		DESCRIPTION		
1	Cam/Lifter Kit	92-91	KC-802		Mech.; (1) 55-403B; (12) AT-6002; (1) CS-803		
QTY	ROCKER PARTS	YEARS	PART NO.		DESCRIPTION		
6	Arm	92-91	R-967	Std Only	Loc. Exh.		
1	Rocker Shaft	92-91	RS-664	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	92-91	V-2506X	Std Only	Chrome plated stem; 1.475" Head Dia., 0.313" Stem Dia., 5.043" O.A.L.		
6	Intake	92-91	V-2258	Std Only	Chrome plated stem; 1.811" Head Dia., 0.3142" Stem Dia., 4.917" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
6	Guide	92-91	VG-675	Std Only	Loc. Exh.; 0.3159" ID, 2.323" O.A.L.		
6	Guide	92-91	VG-676	Std Only	Loc. Int.; 0.3153" ID, 2.126" O.A.L.		
QTY	VALVE SPRING	YEARS	PART NO.		DESCRIPTION		

Toyota Truck (Incl. Minivans and SUV's)

16 (cont.)	1992 - 1991; 4.0L 3956cc OHV L6 (12 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 3FE										16 (cont.)
VALVETRAIN											
QTY	VALVE SPRING (cont.)	YEARS	PART NO.		DESCRIPTION						
12	Spring	92-91	VS-789	Std Only	2.015" Free Height						
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION						
12	Valve Stem Seal	92-91	ST-2071	Std Only	Positive type; (RBB) Rubber						
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION						
12	Keeper	92-91	VK-210	Std Only	Loc. Exh.; 2 groove						
12	Keeper	92-91	VK-219	Std Only	Loc. Int.						
BLOCK											
QTY	RINGS	YEARS	PART NO.		DESCRIPTION						
1	Premium Set	92-91	E-564KC .75MM	.75-1.00MM	2-2.00MM, 1-4.00MM; Premium Chrome						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Thrust Washer Set	92-91	1503AF	Std Only	Loc. 3						
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION						
1	Kit Gasket Set	92-91	260-1946		PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.						
17	2005 - 2000; 4.7L 4664cc DOHC V8 (32 Valve), 94mm Bore; MFI; Gasoline; Naturally Aspirated Toyota Eng.; Eng. Code 2UZFE										17
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
16	Exhaust	05-00	V-4705	Std Only	Nitrided stem; 29mm Head Dia., 5.465mm Stem Dia., 95.05mm O.A.L.						
16	Intake	05-00	V-4704	Std Only	Nitrided stem; 34.5mm Head Dia., 5.475mm Stem Dia., 95.05mm O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
16	Guide	05-00	VG-1423T	Std Only	Loc. Int.; 0.2175" ID, 1.36" O.A.L.						
16	Guide	05-00	VG-1424T	Std Only	Loc. Exh.; 0.2175" ID, 1.59" O.A.L.						
BLOCK											
QTY	PISTON	YEARS	PART NO.		DESCRIPTION						
8	Pin Bushing	00	4909Y		To 3/00						

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Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.3L	141.0	2316cc	DOHC L4	96mm	16	Volvo Eng.		B234F		MFI/Gasoline	1991	1
2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		B230F		MFI/Gasoline	1995-1991	2
2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		B230FD		MFI/Gasoline	1995-1993	3
2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		B230FS		MFI/Gasoline	1995-1993	4
2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		B230FT		MFI/Gasoline	1995-1991	5
2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		B234FT		MFI/Gasoline	1995-1991	6
2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		B234T		MFI/Gasoline	1995-1991	7
2.3L	142.0	2319cc	DOHC L5	81mm	20	Volvo Eng.		B5234FT		MFI/Gasoline	2003-1998	8
2.3L	142.0	2319cc	DOHC L5	81mm	20	Volvo Eng.		B5234T		MFI/Gasoline	1997-1994	9
2.3L	142.0	2319cc	DOHC L5	81mm	20	Volvo Eng.		B5234T3		MFI/Gasoline	2003-1998	10
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5244FS		MFI/Gasoline	2002-2001	11
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5244S		MFI/Gasoline	2002-2001	12
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5244T		MFI/Gasoline	2002	13
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5244T2		MFI/Gasoline	2000-1998	14
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5244T3		MFI/Gasoline	2003-1999	15
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5254FS		MFI/Gasoline	2002-1993	16
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5254FT		MFI/Gasoline	2002-1998	17
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5254S		MFI/Gasoline	2002-1993	18
2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		B5254T		MFI/Gasoline	2003-1998	19
2.8L	170.0	2783cc	DOHC L6	81mm	24	Volvo Eng.		B6284T		MFI/Gasoline	2003-2000	20
2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		B6294S		MFI/Gasoline	1999	21
2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		B6304F		MFI/Gasoline	1998-1992	22
2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		B6304S		MFI/Gasoline	1999-1992	23
2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		B6304S3		MFI/Gasoline	1999-1998	24
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
B230F	2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		MFI/Gasoline	1995-1991	2	
B230FD	2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		MFI/Gasoline	1995-1993	3	
B230FS	2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		MFI/Gasoline	1995-1993	4	
B230FT	2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		MFI/Gasoline	1995-1991	5	

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Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
B234F	2.3L	141.0	2316cc	DOHC L4	96mm	16	Volvo Eng.		MFI/Gasoline	1991	1
B234FT	2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		MFI/Gasoline	1995-1991	6
B234T	2.3L	141.0	2316cc	SOHC L4	96mm	8	Volvo Eng.		MFI/Gasoline	1995-1991	7
B5234FT	2.3L	142.0	2319cc	DOHC L5	81mm	20	Volvo Eng.		MFI/Gasoline	2003-1998	8
B5234T	2.3L	142.0	2319cc	DOHC L5	81mm	20	Volvo Eng.		MFI/Gasoline	1997-1994	9
B5234T3	2.3L	142.0	2319cc	DOHC L5	81mm	20	Volvo Eng.		MFI/Gasoline	2003-1998	10
B5244FS	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2002-2001	11
B5244S	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2002-2001	12
B5244T	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2002	13
B5244T2	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2000-1998	14
B5244T3	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2003-1999	15
B5254FS	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2002-1993	16
B5254FT	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2002-1998	17
B5254S	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2002-1993	18
B5254T	2.4L	148.6	2435cc	DOHC L5	83mm	20	Volvo Eng.		MFI/Gasoline	2003-1998	19
B6284T	2.8L	170.0	2783cc	DOHC L6	81mm	24	Volvo Eng.		MFI/Gasoline	2003-2000	20
B6294S	2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		MFI/Gasoline	1999	21
B6304F	2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		MFI/Gasoline	1998-1992	22
B6304S	2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		MFI/Gasoline	1999-1992	23
B6304S3	2.9L	178.4	2922cc	DOHC L6	83mm	24	Volvo Eng.		MFI/Gasoline	1999-1998	24
1	1991; 2.3L 2316cc DOHC L4 (16 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B234F										1
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	91	7247M .25MM	.25MM							
1	Rod Set	91	4-4335CP	Std-.25MM							
2	1995 - 1991; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B230F										2
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	94-93	222-B234	123 Teeth; Round tooth							
1	Timing Belt	93-91	222-32	123 Teeth; Square tooth							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
4	Guide	95-91	VG-780	Std Only Loc. Int.; 0.315" ID, 2.047" O.A.L							
4	Guide	95-91	VG-781	Std Only Loc. Exh.; 0.315" ID, 2.047" O.A.L							
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	95-91	VK-204	Std Only 3 groove; w/.3125 Stem Dia.							
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	93-91	7247M .25MM	.25MM							
1	Rod Set	93-91	4-4335CP	Std-.25MM							
3	1995 - 1993; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B230FD										3
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	94-93	222-B234	123 Teeth; Round tooth							
1	Timing Belt	93	222-32	123 Teeth; Square tooth							
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION							
4	Guide	95-93	VG-780	Std Only Loc. Int.; 0.315" ID, 2.047" O.A.L							
4	Guide	95-93	VG-781	Std Only Loc. Exh.; 0.315" ID, 2.047" O.A.L							
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	95-93	VK-204	Std Only 3 groove; w/.3125 Stem Dia.							
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	93	7247M .25MM	.25MM							
1	Rod Set	93	4-4335CP	Std-.25MM							
4	1995 - 1993; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B230FS										4
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	94-93	222-B234	123 Teeth; Round tooth							

4 (cont.)		1995 - 1993; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B230FS				4 (cont.)	
VALVETRAIN							
QTY	TIMING (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	93	222-32		123 Teeth; Square tooth		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	95-93	VG-780		Std Only Loc. Int.; 0.315" ID, 2.047" O.A.L.		
4	Guide	95-93	VG-781		Std Only Loc. Exh.; 0.315" ID, 2.047" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-93	VK-204		Std Only 3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93	7247M .25MM		.25MM		
1	Rod Set	93	4-4335CP		Std-.25MM		
5		1995 - 1991; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B230FT				5	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-93	222-B234		123 Teeth; Round tooth		
1	Timing Belt	93-91	222-32		123 Teeth; Square tooth		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	95-91	VG-780		Std Only Loc. Int.; 0.315" ID, 2.047" O.A.L.		
4	Guide	95-91	VG-781		Std Only Loc. Exh.; 0.315" ID, 2.047" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-91	VK-204		Std Only 3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	7247M .25MM		.25MM		
1	Rod Set	95-91	4-4335CP		Std-.25MM		
6		1995 - 1991; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B234FT				6	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	93-91	222-32		123 Teeth; Square tooth		
1	Timing Belt	95-93	222-B234		123 Teeth; Round tooth		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	95-91	VG-780		Std Only Loc. Int.; 0.315" ID, 2.047" O.A.L.		
4	Guide	95-91	VG-781		Std Only Loc. Exh.; 0.315" ID, 2.047" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-91	VK-204		Std Only 3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	7247M .25MM		.25MM		
1	Rod Set	95-91	4-4335CP		Std-.25MM		
7		1995 - 1991; 2.3L 2316cc SOHC L4 (8 Valve), 96mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B234T				7	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	95-93	222-B234		123 Teeth; Round tooth		
1	Timing Belt	93-91	222-32		123 Teeth; Square tooth		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
4	Guide	95-91	VG-780		Std Only Loc. Int.; 0.315" ID, 2.047" O.A.L.		
4	Guide	95-91	VG-781		Std Only Loc. Exh.; 0.315" ID, 2.047" O.A.L.		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	95-91	VK-204		Std Only 3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	95-91	7247M .25MM		.25MM		
1	Rod Set	95-91	4-4335CP		Std-.25MM		
8		2003 - 1998; 2.3L 2319cc DOHC L5 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5234FT				8	
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
10	Exhaust	00-98	V-4642X		Std Only Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.		

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8 (cont.)		2003 - 1998; 2.3L 2319cc DOHC L5 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5234FT				8 (cont.)
VALVETRAIN						
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION	
10	Intake	03	V-4633	Std Only	To Eng. No. 1817652; Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
10	Intake	02-98	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-98	7306M	Std-.25MM		
1	Main Set	02-98	7306M .25MM	Std-.25MM		
1	Rod Set	02-98	5-4535P	Std-.25-.50MM		
1	Rod Set	02-98	5-4535P .25MM	Std-.25-.50MM		
9		1997 - 1994; 2.3L 2319cc DOHC L5 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5234T				9
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	97-94	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	97-94	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	97-94	7306M	Std-.25MM		
1	Main Set	97-94	7306M .25MM	Std-.25MM		
1	Rod Set	97-94	5-4535P	Std-.25-.50MM		
1	Rod Set	97-94	5-4535P .25MM	Std-.25-.50MM		
10		2003 - 1998; 2.3L 2319cc DOHC L5 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5234T3				10
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-98	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	03	V-4633	Std Only	To Eng. No. 1817652; Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
10	Intake	02-98	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-98	7306M	Std-.25MM		
1	Main Set	02-98	7306M .25MM	Std-.25MM		
1	Rod Set	02-98	5-4535P	Std-.25-.50MM		
1	Rod Set	02-98	5-4535P .25MM	Std-.25-.50MM		
11		2002 - 2001; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B5244FS				11
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-01	7306M	Std-.25MM		
1	Main Set	02-01	7306M .25MM	Std-.25MM		
1	Rod Set	02-01	5-4535P	Std-.25-.50MM		
1	Rod Set	02-01	5-4535P .25MM	Std-.25-.50MM		
12		2002 - 2001; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B5244S				12
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-01	7306M	Std-.25MM		
1	Main Set	02-01	7306M .25MM	Std-.25MM		
1	Rod Set	02-01	5-4535P	Std-.25-.50MM		
1	Rod Set	02-01	5-4535P .25MM	Std-.25-.50MM		
13		2002; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5244T				13
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Intake	02	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	

14	2000 - 1998; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5244T2					14
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-98	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	00-98	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
15	2003 - 1999; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5244T3					15
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-99	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	03	V-4633	Std Only	To Eng. No. 1817652; Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
10	Intake	02-99	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
16	2002 - 1993; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B5254FS					16
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93	222-B217		143 Teeth	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-93	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	00-93	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-93	7306M	Std-.25MM		
1	Main Set	02-93	7306M .25MM	Std-.25MM		
1	Rod Set	02-93	5-4535P	Std-.25-.50MM		
1	Rod Set	02-93	5-4535P .25MM	Std-.25-.50MM		
17	2002 - 1998; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5254FT					17
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-98	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	02-98	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
18	2002 - 1993; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B5254S					18
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93	222-B217		143 Teeth	
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-93	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	00-93	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-93	7306M	Std-.25MM		
1	Main Set	02-93	7306M .25MM	Std-.25MM		
1	Rod Set	02-93	5-4535P	Std-.25-.50MM		
1	Rod Set	02-93	5-4535P .25MM	Std-.25-.50MM		
19	2003 - 1998; 2.4L 2435cc DOHC L5 (20 Valve), 83mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B5254T					19
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
10	Exhaust	00-98	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
10	Intake	03	V-4633	Std Only	To Eng. No. 1817652; Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
10	Intake	02-98	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.	
20	2003 - 2000; 2.8L 2783cc DOHC L6 (24 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B6284T					20
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
12	Exhaust	03	V-4642X	Std Only	To Eng. No. 1818168; Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	
12	Exhaust	02-00	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.	

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20 (cont.)		2003 - 2000; 2.8L 2783cc DOHC L6 (24 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled Volvo Eng.; Eng. Code B6284T								20 (cont.)	
VALVETRAIN											
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION						
12	Intake	03	V-4633	Std Only	To Eng. No. 1818168; Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.						
12	Intake	02-00	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.						
21		1999; 2.9L 2922cc DOHC L6 (24 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B6294S								21	
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	99	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.						
12	Intake	99	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.						
22		1998 - 1992; 2.9L 2922cc DOHC L6 (24 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B6304F								22	
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	93-92	222-B217	143 Teeth							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	98-92	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.						
12	Intake	98-92	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Rod Set	97-92	6-4535P	Std Only							
23		1999 - 1992; 2.9L 2922cc DOHC L6 (24 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B6304S								23	
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	93-92	222-B217	143 Teeth							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	99-92	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.						
12	Intake	99-92	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Rod Set	97-92	6-4535P	Std Only							
24		1999 - 1998; 2.9L 2922cc DOHC L6 (24 Valve), 83mm Bore; MFI; Gasoline; Naturally Aspirated Volvo Eng.; Eng. Code B6304S3								24	
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
12	Exhaust	99-98	V-4642X	Std Only	Chrome plated stem; 1.063" Head Dia., 0.274" Stem Dia., 4.067" O.A.L.						
12	Intake	99-98	V-4633	Std Only	Chrome plated stem; 1.2205" Head Dia., 0.274" Stem Dia., 4.0985" O.A.L.						

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Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.6L	96.9	1588cc	SOHC L4	76.5mm	8	VW Eng.		1V		MFI/Diesel	1992-1991	1
1.6L	96.9	1588cc	SOHC L4	76.5mm	8	VW Eng.		ME		MFI/Diesel	1992-1991	2
1.6L	96.9	1588cc	SOHC Turbo L4	76.5mm	8	VW Eng.		MF		MFI/Diesel	1992-1991	3
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AEB		MFI/Gasoline	2005-1998	4
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		APH		MFI/Gasoline	2005-1999	5
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		ATW		MFI/Gasoline	2001-2000	6
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AUG		MFI/Gasoline	2001-2000	7
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWD		MFI/Gasoline	2005-2000	8
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWM		MFI/Gasoline	2005-2001	9
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWP		MFI/Gasoline	2006-2002	10
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWV		MFI/Gasoline	2005-2001	11
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		AWW		MFI/Gasoline	2005-2000	12
1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		BNU		MFI/Gasoline	2005	13
1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		2H		MFI/Gasoline	1993-1991	14

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		ABG		MFI/Gasoline	1993-1991	15
1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		ACC		TBI/Gasoline	1999-1993	16
1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		PF		MFI/Gasoline	1992-1991	17
1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		PG		MFI/Gasoline	1994-1991	18
1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		RV		MFI/Gasoline	1992-1991	19
1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		AAZ		MFI/Diesel	1998-1996	20
1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		AHU		MFI/Diesel	1998	21
1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		ALH		MFI/Diesel	2006-1998	22
1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		BEW		MFI/Diesel	2005-2004	23
1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		BRM		MFI/Diesel	2006-2005	24
2.0L	121.0	1984cc	DOHC L4	82.5mm	16	VW Eng.		9A		MFI/Gasoline	1993-1991	25
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		ABA		MFI/Gasoline	2002-1993	26
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		AEG		MFI/Gasoline	2006-1998	27
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		AVH		MFI/Gasoline	2005-2001	28
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		AZG		MFI/Gasoline	2005-2001	29
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		BBW		MFI/Gasoline	2005	30
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		BDC		MFI/Gasoline	2004-2003	31
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		BEV		MFI/Gasoline	2006-2004	32
2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		BGD		MFI/Gasoline	2005-2004	33
2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		AHA		MFI/Gasoline	2003-1998	34
2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		ATQ		MFI/Gasoline	2003-2000	35
2.8L	170.7	2792cc	DOHC V6	81mm	24	VW Eng.		AFP		MFI/Gasoline	2002-2001	36
2.8L	170.7	2792cc	DOHC V6	81mm	24	VW Eng.		BDF		MFI/Gasoline	2002	37
2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		AAA		MFI/Gasoline	2000-1992	38
2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		AFP		MFI/Gasoline	2000-1999	39
2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		VR6		MFI/Gasoline	1995-1992	40

Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
AAA	2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		MFI/Gasoline	2000-1992	38
AAZ	1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		MFI/Diesel	1998-1996	20
ABA	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2002-1993	26
ABG	1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		MFI/Gasoline	1993-1991	15
ACC	1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		TBI/Gasoline	1999-1993	16
AEB	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-1998	4
AEG	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2006-1998	27
AFP	2.8L	170.7	2792cc	DOHC V6	81mm	24	VW Eng.		MFI/Gasoline	2002-2001	36
AFP	2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		MFI/Gasoline	2000-1999	39
AHA	2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		MFI/Gasoline	2003-1998	34
AHU	1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		MFI/Diesel	1998	21
ALH	1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		MFI/Diesel	2006-1998	22
APH	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-1999	5
ATQ	2.8L	169.0	2771cc	DOHC V6	82.5mm	30	Audi Eng.		MFI/Gasoline	2003-2000	35
ATW	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2001-2000	6
AUG	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2001-2000	7
AVH	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2005-2001	28
AWD	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2000	8
AWM	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2001	9
AWP	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2006-2002	10
AWV	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2001	11
AWW	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005-2000	12
AZG	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2005-2001	29
BBW	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2005	30
BDC	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2004-2003	31
BDF	2.8L	170.7	2792cc	DOHC V6	81mm	24	VW Eng.		MFI/Gasoline	2002	37
BEV	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2006-2004	32
BEW	1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		MFI/Diesel	2005-2004	23

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Engine Code Index											
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line
BGD	2.0L	121.0	1984cc	SOHC L4	82.5mm	8	VW Eng.		MFI/Gasoline	2005-2004	33
BNU	1.8L	109.0	1780cc	DOHC L4	81mm	20	VW Eng.		MFI/Gasoline	2005	13
BRM	1.9L	115.7	1896cc	SOHC Turbo - Intercooled L4	79.5mm	8	VW Eng.		MFI/Diesel	2006-2005	24
ME	1.6L	96.9	1588cc	SOHC L4	76.5mm	8	VW Eng.		MFI/Diesel	1992-1991	2
MF	1.6L	96.9	1588cc	SOHC Turbo L4	76.5mm	8	VW Eng.		MFI/Diesel	1992-1991	3
PF	1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		MFI/Gasoline	1992-1991	17
PG	1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		MFI/Gasoline	1994-1991	18
RV	1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		MFI/Gasoline	1992-1991	19
VR6	2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		MFI/Gasoline	1995-1992	40
1V	1.6L	96.9	1588cc	SOHC L4	76.5mm	8	VW Eng.		MFI/Diesel	1992-1991	1
2H	1.8L	109.0	1780cc	SOHC L4	81mm	8	VW Eng.		MFI/Gasoline	1993-1991	14
9A	2.0L	121.0	1984cc	DOHC L4	82.5mm	16	VW Eng.		MFI/Gasoline	1993-1991	25
1	1992 - 1991; 1.6L 1588cc SOHC L4 (8 Valve), 76.5mm Bore; MFI; Diesel; Naturally Aspirated VW Eng.; Eng. Code 1V										1
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	92-91	222-43								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION							
8	Lifter	92-91	HT-2236	Std Only	Hyd. bucket type lifter						
8	Lifter, Bulk	92-91	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	92-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	92-91	6834M	Std Only	w/std. length flange brg.						
1	Aux. Shaft Set	92-91	1726M	Std Only							
2	1992 - 1991; 1.6L 1588cc SOHC L4 (8 Valve), 76.5mm Bore; MFI; Diesel; Naturally Aspirated VW Eng.; Eng. Code ME										2
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	92-91	222-43								
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.	DESCRIPTION							
8	Lifter	92-91	HT-2236	Std Only	Hyd. bucket type lifter						
8	Lifter, Bulk	92-91	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192						
QTY	VALVE, MISC	YEARS	PART NO.	DESCRIPTION							
16	Keeper	92-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Main Set	92-91	6834M	Std Only	w/std. length flange brg.						
1	Aux. Shaft Set	92-91	1726M	Std Only							
3	1992 - 1991; 1.6L 1588cc SOHC Turbo L4 (8 Valve), 76.5mm Bore; MFI; Diesel; Turbo VW Eng.; Eng. Code MF										3
VALVETRAIN											
QTY	TIMING	YEARS	PART NO.	DESCRIPTION							
1	Timing Belt	92-91	222-43								
4	2005 - 1998; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AEB										4
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.	DESCRIPTION							
8	Exhaust	05-98	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.						
8	Exhaust	05-98	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.						
12	Intake	05-98	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION							
1	Rod Set	03-98	4-4465P	Std-25MM	Not For Cracked Rods; w/oil hole						

5		2005 - 1999; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code APH					5
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	01-00	HT-2295	Std Only			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-99	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.		
8	Exhaust	05-99	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.		
12	Intake	05-99	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	03-99	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		
6		2001 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code ATW					6
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	01-00	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.		
8	Exhaust	01-00	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.		
12	Intake	01-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	01-00	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		
7		2001 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AUG					7
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	01-00	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.		
8	Exhaust	01-00	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.		
12	Intake	01-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	01-00	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		
8		2005 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWD					8
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-00	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.		
8	Exhaust	05-00	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.		
12	Intake	05-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	03-00	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		
9		2005 - 2001; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWM					9
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	05-01	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.		
8	Exhaust	05-01	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.		
12	Intake	05-01	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	03-01	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		

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10		2006 - 2002; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWP					10	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	06-02	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.			
8	Exhaust	06-02	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.			
12	Intake	06-02	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.			
BLOCK								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Rod Set	03-02	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole			
11		2005 - 2001; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWW					11	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	05-01	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.			
8	Exhaust	05-01	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.			
12	Intake	05-01	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.			
BLOCK								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Rod Set	03-01	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole			
12		2005 - 2000; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code AWW					12	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	05-00	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.			
8	Exhaust	05-00	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.			
12	Intake	05-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.			
BLOCK								
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION			
1	Rod Set	03-00	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole			
13		2005; 1.8L 1780cc DOHC L4 (20 Valve), 81mm Bore; MFI; Gasoline; Turbo - Intercooled VW Eng.; Eng. Code BNU					13	
VALVETRAIN								
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
8	Exhaust	05	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.			
8	Exhaust	05	V-4615X	Std Only	Chrome plated stem; .222" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.0905" O.A.L.			
12	Intake	05	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.			
14		1993 - 1991; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code 2H					14	
VALVETRAIN								
QTY	TIMING	YEARS	PART NO.		DESCRIPTION			
1	Timing Belt	93-91	222-17					
1	Timing Belt Tensioner	93-91	222-148BT					
1	Timing Belt & Tensioner Set	93-91	BTS-17					
QTY	VALVE	YEARS	PART NO.		DESCRIPTION			
4	Exhaust	93-91	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.			
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION			
8	Guide	91	VG-776	Std Only	0.3149" ID, 1.675" O.A.L.			
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION			
16	Keeper	93-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.			
BLOCK								
QTY	PISTON	YEARS	PART NO.		DESCRIPTION			
4	Pin Bushing	93-91	4469Y					
QTY	RINGS	YEARS	PART NO.		DESCRIPTION			
1	Premium Set	93-91	E-494K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly			
1	Premium Set	93-91	E-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome			
4	Premium Single Cylinder Set	93-91	WE-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome			

14 (cont.)		1993 - 1991; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code 2H			14 (cont.)	
BLOCK						
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	7286M	Std.-25MM		
1	Rod Set	93-91	4-4465P	Std.-25MM	Not For Cracked Rods; w/oil hole	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	91	224-43623			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-91	260-1299		Head bolts not incl.; Exh. pipe flange not incl.; 9-bolt water pump gskt. not incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-91	381-8103			
1	Brass Deep Cup Freeze Plug	93-91	381-9020		37mm Diameter	
1	Steel Shallow Cup Freeze Plug	93-91	381-2163		0.557" Diameter	
15		1993 - 1991; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code ABG			15	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93-91	222-17			
1	Timing Belt Tensioner	93-91	222-148BT			
1	Timing Belt & Tensioner Set	93-91	BTS-17			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	93-91	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	91	VG-776	Std Only	0.3149" ID, 1.675" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	93-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Pin Bushing	93-91	4469Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93-91	E-494K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly	
1	Premium Set	93-91	E-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	93-91	WE-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	93-91	7286M	Std.-25MM		
1	Rod Set	93-91	4-4465P	Std.-25MM	Not For Cracked Rods; w/oil hole	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	93-91	224-43624			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	93-91	260-1299		Head bolts not incl.; Exh. pipe flange not incl.; 9-bolt water pump gskt. not incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	93-91	381-8103			
1	Brass Deep Cup Freeze Plug	93-91	381-9020		37mm Diameter	
1	Steel Shallow Cup Freeze Plug	93-91	381-2163		0.557" Diameter	
16		1999 - 1993; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; TBI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code ACC			16	
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	93	222-17			
1	Timing Belt Tensioner	93	222-148BT			
1	Timing Belt & Tensioner Set	96-93	BTS-17			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	93	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	93	VK-204	Std Only	3 groove; w/.3125 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Pin Bushing	93	4469Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	93	E-494K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly	
1	Premium Set	93	E-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	93	WE-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	

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16 (cont.)		1999 - 1993; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; TBI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code ACC				16 (cont.)	
BLOCK							
QTY	ENGINE BEARINGS (cont.)	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93	7286M	Std.-25MM			
1	Rod Set	93	4-4465P	Std.-25MM	Not For Cracked Rods; w/oil hole		
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	99-93	260-1299		Head bolts not incl.; Exh. pipe flange not incl.; 9-bolt water pump gskt. not incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	93	381-8103				
1	Brass Deep Cup Freeze Plug	93	381-9020		37mm Diameter		
1	Steel Shallow Cup Freeze Plug	93	381-2163		0.557" Diameter		
17		1992 - 1991; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code PF				17	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	92-91	222-17				
1	Timing Belt Tensioner	92-91	222-148BT				
1	Timing Belt & Tensioner Set	92-91	BTS-17				
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	92-91	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	91	VG-776	Std Only	0.3149" ID, 1.675" O.A.L		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	92-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Pin Bushing	92-91	4469Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	92-91	E-494K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly		
1	Premium Set	92-91	E-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	92-91	WE-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	92-91	7286M	Std.-25MM			
1	Rod Set	92-91	4-4465P	Std.-25MM	Not For Cracked Rods; w/oil hole		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	92-91	224-43623				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	92-91	260-1299		Head bolts not incl.; Exh. pipe flange not incl.; 9-bolt water pump gskt. not incl.; Premium valve stem seals incl.		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	92-91	381-8103				
1	Brass Deep Cup Freeze Plug	92-91	381-9020		37mm Diameter		
1	Steel Shallow Cup Freeze Plug	92-91	381-2163		0.557" Diameter		
18		1994 - 1991; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; MFI; Gasoline; Supercharged VW Eng.; Eng. Code PG				18	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	94-91	222-17				
1	Timing Belt Tensioner	92-91	222-148BT				
1	Timing Belt & Tensioner Set	94-91	BTS-17				
QTY	VALVE SEAL	YEARS	PART NO.		DESCRIPTION		
8	Valve Stem Seal	94-91	ST-2039	Std Only	Positive type, Metal Clad; (RBB) Rubber		
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION		
16	Keeper	94-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.		
BLOCK							
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	94-91	E-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome		
4	Premium Single Cylinder Set	94-91	WE-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Rod Set	94-91	4-4465P	Std.-25MM	Not For Cracked Rods; w/oil hole		
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION		
1	Brass Block Plug Kit	93-91	381-8103				
1	Brass Deep Cup Freeze Plug	93-91	381-9020		37mm Diameter		
1	Steel Shallow Cup Freeze Plug	93-91	381-2163		0.557" Diameter		

19		1992 - 1991; 1.8L 1780cc SOHC L4 (8 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code RV				19
VALVETRAIN						
QTY	TIMING	YEARS	PART NO.		DESCRIPTION	
1	Timing Belt	92-91	222-17			
1	Timing Belt Tensioner	92-91	222-148BT			
1	Timing Belt & Tensioner Set	92-91	BTS-17			
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	92-91	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	91	VG-776	Std Only	0.3149" ID, 1.675" O.A.L	
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION	
16	Keeper	92-91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Pin Bushing	92-91	4469Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	92-91	E-494K	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Moly	
1	Premium Set	92-91	E-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome	
4	Premium Single Cylinder Set	92-91	WE-494KC	Std Only	1-1.50MM, 1-1.75MM, 1-3.00MM; Premium Chrome	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	92-91	7286M	Std-.25MM		
1	Rod Set	92-91	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	92-91	224-43623			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	92-91	260-1299		Head bolts not incl.; Exh. pipe flange not incl.; 9-bolt water pump gskt. not incl.; Premium valve stem seals incl.	
QTY	FREEZE PLUGS	YEARS	PART NO.		DESCRIPTION	
1	Brass Block Plug Kit	92-91	381-8103			
1	Brass Deep Cup Freeze Plug	92-91	381-9020		37mm Diameter	
1	Steel Shallow Cup Freeze Plug	92-91	381-2163		0.557" Diameter	
20		1998 - 1996; 1.9L 1896cc SOHC Turbo - Intercooled L4 (8 Valve), 79.5mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code AAZ				20
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	98-96	V-91334	Std Only	31.2mm Head Dia., 7.943mm Stem Dia., 95.1mm O.A.L.	
4	Intake	98-96	V-91336	Std Only	36mm Head Dia., 7.925mm Stem Dia., 95mm O.A.L.	
21		1998; 1.9L 1896cc SOHC Turbo - Intercooled L4 (8 Valve), 79.5mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code AHU				21
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	98	HT-2295	Std Only		
22		2006 - 1998; 1.9L 1896cc SOHC Turbo - Intercooled L4 (8 Valve), 79.5mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code ALH				22
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	03-98	HT-2295	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	06-98	V-94085	Std Only	31.4mm Head Dia., 6.92mm Stem Dia., 96.9mm O.A.L.	
4	Intake	06-98	V-94084	Std Only	36mm Head Dia., 6.92mm Stem Dia., 96.8mm O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	06-00	VG-1419T	Std Only	0.2765" ID, 1.435" O.A.L	
23		2005 - 2004; 1.9L 1896cc SOHC Turbo - Intercooled L4 (8 Valve), 79.5mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code BEW				23
VALVETRAIN						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	05-04	VG-1419T	Std Only	0.2765" ID, 1.435" O.A.L	
24		2006 - 2005; 1.9L 1896cc SOHC Turbo - Intercooled L4 (8 Valve), 79.5mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code BRM				24
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	06-05	V-94650	Std Only	31.4mm Head Dia., 6.92mm Stem Dia., 88.95mm O.A.L.	

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24 (cont.)		2006 - 2005; 1.9L 1896cc SOHC Turbo - Intercooled L4 (8 Valve), 79.5mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code BRM				24 (cont.)	
VALVETRAIN							
QTY	VALVE (cont.)	YEARS	PART NO.		DESCRIPTION		
4	Intake	06-05	V-94649	Std Only	36mm Head Dia., 6.92mm Stem Dia., 89.4mm O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	05	VG-1419T	Std Only	0.2765" ID, 1.435" O.A.L.		
25		1993 - 1991; 2.0L 1984cc DOHC L4 (16 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code 9A				25	
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
16	Lifter	93-91	HT-2236	Std Only	Hyd. bucket type lifter; Hyd. bucket type lifter		
16	Lifter, Bulk	93-91	HT-2236B	Std Only	Hyd. bucket type lifter; Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
8	Exhaust	93-91	V-4619X	Std Only	Tapered stem; 1.063" Head Dia., 0.2731" Stem Dia., 3.856" O.A.L.		
8	Intake	93-91	V-4616	Std Only	1.26" Head Dia., 0.2742" Stem Dia., 3.76" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
16	Guide	93-91	VG-1420T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.595" O.A.L.		
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION		
8	Seat	93-91	245-1125-54	Std Only	Loc. Exh.; 1.125" OD, 0.9" ID, 0.325" Depth		
8	Seat	93-91	245-1312-64	Std Only	Loc. Int.; 1.319" OD, 1.045" ID, 0.3165" Depth		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Pin Bushing	93-91	4469Y				
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	93-91	7286M	Std-.25MM			
1	Rod Set	93-91	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		
26		2002 - 1993; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code ABA				26	
VALVETRAIN							
QTY	TIMING	YEARS	PART NO.		DESCRIPTION		
1	Timing Belt	02-93	222-B262				
1	Timing Belt Tensioner	00-93	222-148BT				
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
8	Lifter	02-98	HT-2295	Std Only			
8	Lifter	96-93	HT-2236	Std Only	Hyd. bucket type lifter		
8	Lifter, Bulk	96-93	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
4	Exhaust	02-93	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.		
4	Intake	02-93	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
8	Guide	02-93	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.		
BLOCK							
QTY	PISTON	YEARS	PART NO.		DESCRIPTION		
4	Pin Bushing	02-93	4469Y				
QTY	RINGS	YEARS	PART NO.		DESCRIPTION		
1	Premium Set	02-93	E-959K	Std-.50-1.00MM	1-1.2MM, 1-1.5MM, 1-3.0MM; Premium Moly		
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-93	7286M	Std-.25MM			
1	Rod Set	02-93	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole		
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION		
1	Oil Pump	02-96	224-43578				
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION		
1	Kit Gasket Set	02-98	260-1831		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.		
KITS							
RE-RING KIT					PREMIUM	STANDARD	
YEARS	DESCRIPTION				KIT NO.	KIT NO.	
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; w/oil hole in brg.			Re-ring	205-6907	----	
02-98	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.; w/oil hole in brg.			Re-ring w/Mains	205-6907M	----	

27		2006 - 1998; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AEG				27
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	00-98	HT-2295	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	06-98	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	06-98	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	06-98	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Pin Bushing	02-98	4469Y			
QTY	RINGS	YEARS	PART NO.		DESCRIPTION	
1	Premium Set	03-98	E-959K	Std-50-1.00MM	1-1.2MM, 1-1.5MM, 1-3.0MM; Premium Moly	
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-98	7286M	Std-.25MM		
1	Rod Set	02-98	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-98	224-43578			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01-98	260-1832		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
KITS						
RE-RING KIT						
YEARS	DESCRIPTION				PREMIUM KIT NO.	STANDARD KIT NO.
01-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; w/oil hole in brg.			Re-ring	205-6908	----
01-98	Head bolts not incl.; PermaDry® molded rubber valve cover gskt. incl.; Premium valve stem seals incl.; PermaDry® molded rubber oil pan gskt. incl.; w/oil hole in brg.			Re-ring w/Mains	205-6908M	----
28		2005 - 2001; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AVH				28
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	03-01	HT-2295	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	05-01	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	05-01	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	05-01	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	
BLOCK						
QTY	PISTON	YEARS	PART NO.		DESCRIPTION	
4	Pin Bushing	02-01	4469Y			
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION	
1	Main Set	02-01	7286M	Std-.25MM		
1	Rod Set	02-01	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
QTY	OIL PUMP	YEARS	PART NO.		DESCRIPTION	
1	Oil Pump	02-01	224-43578			
QTY	GASKETS	YEARS	PART NO.		DESCRIPTION	
1	Kit Gasket Set	01	260-1832		Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gsks. incl.; Premium valve stem seals incl.	
29		2005 - 2001; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AZG				29
VALVETRAIN						
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION	
8	Lifter	03-01	HT-2295	Std Only		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION	
4	Exhaust	05-01	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	05-01	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION	
8	Guide	05-01	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	

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29 (cont.)		2005 - 2001; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AZG				29 (cont.)
BLOCK						
QTY	PISTON (cont.)	YEARS	PART NO.	DESCRIPTION		
4	Pin Bushing	02-01	4469Y			
QTY	ENGINE BEARINGS	YEARS	PART NO.	DESCRIPTION		
1	Main Set	02-01	7286M	Std-.25MM		
1	Rod Set	02-01	4-4465P	Std-.25MM	Not For Cracked Rods; w/oil hole	
QTY	OIL PUMP	YEARS	PART NO.	DESCRIPTION		
1	Oil Pump	02-01	224-43578			
QTY	GASKETS	YEARS	PART NO.	DESCRIPTION		
1	Kit Gasket Set	01	260-1832	Head bolts not incl.; PermaDry® molded rubber valve cover & oil pan gskts. incl.; Premium valve stem seals incl.		
30		2005; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code BBW				30
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
4	Exhaust	05	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	05	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION		
8	Guide	05	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	
31		2004 - 2003; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code BDC				31
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
4	Exhaust	04-03	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	04-03	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION		
8	Guide	04-03	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	
BLOCK						
QTY	RINGS	YEARS	PART NO.	DESCRIPTION		
1	Premium Set	03	E-959K	Std-.50-1.00MM	1-1.2MM, 1-1.5MM, 1-3.0MM; Premium Moly	
32		2006 - 2004; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code BEV				32
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
4	Exhaust	06-04	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	06-04	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION		
8	Guide	06-04	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	
33		2005 - 2004; 2.0L 1984cc SOHC L4 (8 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code BGD				33
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
4	Exhaust	05-04	V-4618X	Std Only	1.295" Head Dia., 0.2742" Stem Dia., 3.5885" O.A.L.	
4	Intake	05-04	V-4617	Std Only	1.555" Head Dia., 0.2748" Stem Dia., 3.616" O.A.L.	
QTY	VALVE GUIDE	YEARS	PART NO.	DESCRIPTION		
8	Guide	05-04	VG-1419T	Std Only	Loc. Int. & Exh.; 0.2765" ID, 1.435" O.A.L.	
34		2003 - 1998; 2.8L 2771cc DOHC V6 (30 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code AHA				34
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
12	Exhaust	03-98	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.	
18	Intake	03-98	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	
35		2003 - 2000; 2.8L 2771cc DOHC V6 (30 Valve), 82.5mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code ATQ				35
VALVETRAIN						
QTY	VALVE	YEARS	PART NO.	DESCRIPTION		
12	Exhaust	03-00	V-4612X	Std Only	Chrome plated stem; .157" Tip to Groove length; 1.177" Head Dia., 0.2341" Stem Dia., 4.091" O.A.L.	
18	Intake	03-00	V-4614	Std Only	1.059" Head Dia., 0.2348" Stem Dia., 4.137" O.A.L.	

36		2002 - 2001; 2.8L 2792cc DOHC V6 (24 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AFP					36
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	02-01	V-4613X	Std Only	1.3425" Head Dia., 0.2736" Stem Dia., 4.2125" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	02-01	VG-1420T	Std Only	0.2765" ID, 1.595" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02-01	7304M	Std Only			
1	Thrust Washer Set	02-01	4527F	Std Only			
37		2002; 2.8L 2792cc DOHC V6 (24 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code BDF					37
VALVETRAIN							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	02	V-4613X	Std Only	1.3425" Head Dia., 0.2736" Stem Dia., 4.2125" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	02	VG-1420T	Std Only	0.2765" ID, 1.595" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	02	7304M	Std Only			
1	Thrust Washer Set	02	4527F	Std Only			
38		2000 - 1992; 2.8L 2792cc SOHC V6 (12 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AAA					38
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
12	Lifter	00-92	HT-2236	Std Only	Hyd. bucket type lifter		
12	Lifter, Bulk	00-92	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	00-92	V-4613X	Std Only	1.3425" Head Dia., 0.2736" Stem Dia., 4.2125" O.A.L.		
6	Intake	00-93	V-4611	Std Only	1.535" Head Dia., 0.2742" Stem Dia., 4.173" O.A.L.		
6	Intake	92	V-4611	Std Only	From Eng. No. 224831; 1.535" Head Dia., 0.2742" Stem Dia., 4.173" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	00-92	VG-1420T	Std Only	0.2765" ID, 1.595" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-92	7304M	Std Only			
1	Thrust Washer Set	00-92	4527F	Std Only			
39		2000 - 1999; 2.8L 2792cc SOHC V6 (12 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AFP					39
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	99	HT-2236	Std Only	Hyd. bucket type lifter		
24	Lifter, Bulk	99	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	00-99	V-4613X	Std Only	1.3425" Head Dia., 0.2736" Stem Dia., 4.2125" O.A.L.		
6	Intake	00-99	V-4611	Std Only	1.535" Head Dia., 0.2742" Stem Dia., 4.173" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		
12	Guide	00-99	VG-1420T	Std Only	0.2765" ID, 1.595" O.A.L.		
BLOCK							
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION		
1	Main Set	00-99	7304M	Std Only			
1	Thrust Washer Set	00-99	4527F	Std Only			
40		1995 - 1992; 2.8L 2792cc SOHC V6 (12 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code VR6					40
VALVETRAIN							
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION		
24	Lifter	95-92	HT-2236	Std Only	Hyd. bucket type lifter		
24	Lifter, Bulk	95-92	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192		
QTY	VALVE	YEARS	PART NO.		DESCRIPTION		
6	Exhaust	95-92	V-4613X	Std Only	1.3425" Head Dia., 0.2736" Stem Dia., 4.2125" O.A.L.		
6	Intake	95-93	V-4611	Std Only	1.535" Head Dia., 0.2742" Stem Dia., 4.173" O.A.L.		
6	Intake	92	V-4611	Std Only	From Eng. No. 224831; 1.535" Head Dia., 0.2742" Stem Dia., 4.173" O.A.L.		
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION		

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40 (cont.)	1995 - 1992; 2.8L 2792cc SOHC V6 (12 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code VR6										40 (cont.)
VALVETRAIN											
QTY	VALVE GUIDE (cont.)	YEARS	PART NO.		DESCRIPTION						
12	Guide	95-92	VG-1420T	Std Only	0.2765" ID, 1.595" O.A.L						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Main Set	95-92	7304M	Std Only							
1	Thrust Washer Set	95-92	4527F	Std Only							

VW Minivans - See VW Truck

VW SUV's - See VW Truck

VW Truck (Incl. Minivans and SUV's)

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
2.1L	129.0	2109cc	OHV H4	94mm	8	VW Eng.		MV		MFI/Gasoline	1991	1
2.5L	150.1	2461cc	SOHC L5	81mm	10	Audi Eng.		AAF		MFI/Gasoline	1994-1992	2
2.5L	150.1	2461cc	SOHC L5	81mm	10	Audi Eng.		ACU		MFI/Gasoline	1996-1994	3
2.8L	170.7	2792cc	DOHC V6	81mm	24	VW Eng.		AXK		MFI/Gasoline	2002-2001	4
2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		AES		MFI/Gasoline	2000-1997	5
4.9L	300.2	4921cc	SOHC Turbo - Intercooled V10	81mm	20	VW Eng.		BWF		MFI/Diesel	2009-2008	6
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
AAF	2.5L	150.1	2461cc	SOHC L5	81mm	10	Audi Eng.		MFI/Gasoline	1994-1992	2	
ACU	2.5L	150.1	2461cc	SOHC L5	81mm	10	Audi Eng.		MFI/Gasoline	1996-1994	3	
AES	2.8L	170.7	2792cc	SOHC V6	81mm	12	VW Eng.		MFI/Gasoline	2000-1997	5	
AXK	2.8L	170.7	2792cc	DOHC V6	81mm	24	VW Eng.		MFI/Gasoline	2002-2001	4	
BWF	4.9L	300.2	4921cc	SOHC Turbo - Intercooled V10	81mm	20	VW Eng.		MFI/Diesel	2009-2008	6	
MV	2.1L	129.0	2109cc	OHV H4	94mm	8	VW Eng.		MFI/Gasoline	1991	1	
1	1991; 2.1L 2109cc OHV H4 (8 Valve), 94mm Bore Water Cooled; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code MV										1	
VALVETRAIN												
QTY	VALVE SEAT	YEARS	PART NO.		DESCRIPTION							
4	Seat	91	245-1437-61	Std Only	Loc. Exh.; 1.4445" OD, 1.162" ID, 0.31" Depth							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION							
8	Keeper	91	VK-204	Std Only	3 groove; w/.3125 Stem Dia.							
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION							
1	Rod Set	91	4-2930CP	Std.-25-.50MM								
2	1994 - 1992; 2.5L 2461cc SOHC L5 (10 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code AAF										2	
VALVETRAIN												
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION							
10	Lifter	94-92	HT-2236	Std Only	Hyd. bucket type lifter							
10	Lifter, Bulk	94-92	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192							
QTY	VALVE	YEARS	PART NO.		DESCRIPTION							
5	Exhaust	94-92	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.							
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION							
20	Keeper	94-92	VK-204	Std Only	Loc. Int. & Exh.; 3 groove; w/.3125 Stem Dia.							
3	1996 - 1994; 2.5L 2461cc SOHC L5 (10 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code ACU										3	
VALVETRAIN												
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION							
10	Lifter	96-94	HT-2236	Std Only	Hyd. bucket type lifter							
10	Lifter, Bulk	96-94	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192							

VW Truck (Incl. Minivans and SUV's)

3 (cont.)	1996 - 1994; 2.5L 2461cc SOHC L5 (10 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated Audi Eng.; Eng. Code ACU										3 (cont.)
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
5	Exhaust	96-94	V-4520X	Std Only	1.299" Head Dia., 0.3127" Stem Dia., 3.591" O.A.L.						
QTY	VALVE, MISC	YEARS	PART NO.		DESCRIPTION						
20	Keeper	96-94	VK-204	Std Only	Loc. Int. & Exh.; 3 groove; w/.3125 Stem Dia.						
4	2002 - 2001; 2.8L 2792cc DOHC V6 (24 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AXK										4
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Main Set	02-01	7304M	Std Only							
1	Thrust Washer Set	02-01	4527F	Std Only							
5	2000 - 1997; 2.8L 2792cc SOHC V6 (12 Valve), 81mm Bore; MFI; Gasoline; Naturally Aspirated VW Eng.; Eng. Code AES										5
VALVETRAIN											
QTY	CAMSHAFT/LIFTER	YEARS	PART NO.		DESCRIPTION						
24	Lifter	98	HT-2236	Std Only	Hyd. bucket type lifter						
24	Lifter, Bulk	98	HT-2236B	Std Only	Hyd. bucket type lifter; Carton of 192						
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
6	Exhaust	00-98	V-4613X	Std Only	1.3425" Head Dia., 0.2736" Stem Dia., 4.2125" O.A.L.						
6	Intake	00-98	V-4611	Std Only	1.535" Head Dia., 0.2742" Stem Dia., 4.173" O.A.L.						
QTY	VALVE GUIDE	YEARS	PART NO.		DESCRIPTION						
12	Guide	00	VG-1420T	Std Only	0.2765" ID, 1.595" O.A.L.						
BLOCK											
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION						
1	Main Set	00-97	7304M	Std Only							
1	Thrust Washer Set	00-97	4527F	Std Only							
6	2009 - 2008; 4.9L 4921cc SOHC Turbo - Intercooled V10 (20 Valve), 81mm Bore; MFI; Diesel; Turbo - Intercooled VW Eng.; Eng. Code BWF										6
VALVETRAIN											
QTY	VALVE	YEARS	PART NO.		DESCRIPTION						
4	Exhaust	09-08	V-94650	Std Only	31.4mm Head Dia., 6.92mm Stem Dia., 88.95mm O.A.L.						
4	Intake	09-08	V-94649	Std Only	36mm Head Dia., 6.92mm Stem Dia., 89.4mm O.A.L.						

Willys Truck - See Jeep Truck

Winnebago Motor Home

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
3.9L	239.0	3921cc	OHV Turbo - Aftercooled L4	102mm	8	Cummins Eng.		4BTA3.9		MFI/Diesel	1991	1
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
4BTA3.9	3.9L	239.0	3921cc	OHV Turbo - Aftercooled L4	102mm	8	Cummins Eng.		MFI/Diesel	1991	1	
1	1991; 3.9L 239 (3921cc) OHV Turbo - Aftercooled L4 (8 Valve), 102mm Bore; MFI; Diesel; Turbo - Aftercooled Cummins Eng.; Eng. Code 4BTA3.9										1	
BLOCK												
QTY	ENGINE BEARINGS	YEARS	PART NO.		DESCRIPTION							
1	Rod Set	91	4-4205CP	Std-25MM								
4	Rod Pair	91	4205CP	Std-25-50-75MM								

Wolseley - See British Leyland

Yugo

Engine Finding Index												
Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Eng. Code	Mfg. Div.	Fuel Del. Type	Years	Line
1.3L	78.7	1290cc	SOHC L4	86mm	8	Fiat Eng.		128A.064		2 Bbl./Gasoline	1991	1
1.3L	78.7	1290cc	SOHC L4	86mm	8	Fiat Eng.		128A.064		MFI/Gasoline	1991	2
Engine Code Index												
Eng. Code	Liters	CID	CC	Block Type	Bore	Valves	Mfg.	Vin	Fuel Del. Type	Years	Line	
128A.064	1.3L	78.7	1290cc	SOHC L4	86mm	8	Fiat Eng.		2 Bbl./Gasoline	1991	1	
128A.064	1.3L	78.7	1290cc	SOHC L4	86mm	8	Fiat Eng.		MFI/Gasoline	1991	2	
1	1991; 1.3L 1290cc SOHC L4 (8 Valve), 86mm Bore; 2 Bbl.; Gasoline; Naturally Aspirated Fiat Eng.; Eng. Code 128A.064										1	
BLOCK												
QTY	ENGINE BEARINGS		YEARS	PART NO.		DESCRIPTION						
1	Main Set		91	4659M 10		10-20-30						
1	Rod Set		91	4-60985RA 10		10-20						
2	1991; 1.3L 1290cc SOHC L4 (8 Valve), 86mm Bore; MFI; Gasoline; Naturally Aspirated Fiat Eng.; Eng. Code 128A.064										2	
BLOCK												
QTY	ENGINE BEARINGS		YEARS	PART NO.		DESCRIPTION						
1	Main Set		91	4659M 10		10-20-30						
1	Rod Set		91	4-60985RA 10		10-20						

Numerical List

MANUFACTURER ABBREVIATION

Mfg. Abbr.	Vehicle Type	Mfg. Name	Mfg. Abbr.	Vehicle Type	Mfg. Name	Mfg. Abbr.	Vehicle Type	Mfg. Name
ACO	Passenger Car	AC	HY	Passenger Car	Hyundai	NIT	Light Duty Truck	Nissan
AMG	Light Duty Truck	AM General	HYT	Light Duty Truck	Hyundai	PEU	Passenger Car	Peugeot
AUD	Passenger Car	Audi	IS	Passenger Car	Isuzu	SAB	Passenger Car	Saab
AUT	Light Duty Truck	Audi	IST	Light Duty Truck	Isuzu	SAT	Light Duty Truck	Saab
BMW	Passenger Car	BMW	JAG	Passenger Car	Jaguar	SBT	Light Duty Truck	Subaru
CHR	Passenger Car	Chrysler	JEE	Light Duty Truck	Jeep	SB	Passenger Car	Subaru
DT	Light Duty Truck	Chrysler	KIT	Light Duty Truck	Kia	SZ	Passenger Car	Suzuki
DAE	Passenger Car	Daewoo	KIA	Passenger Car	Kia	SZT	Light Duty Truck	Suzuki
FO	Passenger Car	Ford	LAD	Passenger Car	Lada	TO	Passenger Car	Toyota
FOT	Light Duty Truck	Ford	MZ	Passenger Car	Mazda	TOT	Light Duty Truck	Toyota
GM	Passenger Car	General Motors Corp.	MZT	Light Duty Truck	Mazda	VOL	Passenger Car	Volvo
GMT	Light Duty Truck	General Motors Corp.	MB	Passenger Car	Mercedes-Benz	VW	Passenger Car	VW
GRU	Light Duty Truck	Grumman	MI	Passenger Car	Mitsubishi	VWT	Light Duty Truck	VW
HO	Passenger Car	Honda	MIT	Light Duty Truck	Mitsubishi	WIN	Light Duty Truck	Winnebago
HOT	Light Duty Truck	Honda	NI	Passenger Car	Nissan	YU	Passenger Car	Yugo

Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
10-1985A	FOT 52	1490CPA	GM 20-21	1885M	FOT 56
10-1985A 25X2	FOT 52	1492M	GM 39-42, 46-47; GMT 15, 17, 19; IST 9-10	1886M	FO 34-36; FOT 18-19, 23
10-7250CH	FOT 52	1494M	FO 16-17, 21	1888M	GM 71-72; GMT 42, 52-53, 62, 64
1020A	GM 61; GMT 35-39; IST 17-18	1496M	AMG 3-5; GMT 68-74	1889M	GM 53-55, 57
1020CP	GM 61; GMT 35-39; IST 17-18	149M	FO 38-40	1892M	FO 37; FOT 21-22; MZT 19
1035CP	FO 16-17, 21	1503AF	TOT 16	1894M	CHR 50-52, 58; DT 19, 22, 29
1063AF	GM 1-4; SZ 2-4; SZT 1	152M	GM 71-72; GMT 42, 51-53, 62, 64	1895M	DT 27
107M	GM 56, 58	153M	FO 44-45; FOT 28, 39, 41-42	1896M	DT 55
1099AF	TO 1-2	1540A	GM 28-30; GMT 8	1898M	GM 70-72, 78, 80; GMT 41-42, 45-48, 50-53, 62, 64-65
1203BF	HO 38-44, 49; HOT 3	1544Y	GM 28-29, 60, 64-65	1899M	FOT 49
1204M	FO 47-50, 54-55; FOT 33-35, 47-48	156M	CHR 62	1920M	CHR 60-61; DT 42; JEE 12, 15
120M	DT 49-52	158M	FO 6-8	1920RA	CHR 50-53, 58; DT 17, 19, 22-23, 29
1220RA	FO 27-29; FOT 13-14; MZT 15	159M	HO 18-19, 24-26, 29-30	1921M*	JEE 6
1220RA 25X2	FO 27-29; FOT 13-14; MZT 15	160M	HO 31, 37	1922M*	GM 48; GMT 23-24
1235M	AMG 1-2; GM 62, 68-69, 74-77; GMT 43-44, 57-58; IST 21-22	1726M	VW 1-2	1923M*	GM 70, 79, 81-84; GMT 41-42, 45-46, 48-50, 52-54, 59, 61-63, 65-67
1244M	DT 10; JEE 2-3, 6-7	1736AF	CHR 31-32, 40-47; DT 15-16; HY 15; MI 18-22; MIT 3-4	1985A	FO 38-41, 43-46; FOT 25, 27-28, 36-37, 39-44, 46, 52
12764P	GM 6; TO 5	1749M	AMG 1-2; GM 68-69, 74-77; GMT 43-44, 57-58; IST 21-22	1989YA	FO 38-46, 52; FOT 25-28, 36-37, 39-42, 44, 52
1281AF	NIT 6	1750M	GM 68-69, 74-75; GMT 43, 57	2-3950CP	GMT 30-31; IST 15
12886CP	TOT 4	1755M	GM 44, 53-57; GMT 29	2020CP	GM 22-23; GMT 4-5; IST 2-3
12895P	TO 1	1756M	GM 36	205-1020	GMT 36-37
12958P	CHR 25; DT 3	1757M	GM 63, 67	205-1021	GM 61
129M	FO 47-50	1781M	FOT 30-32	205-1021M	GM 61
13015P .50MM	IST 6-7	1790M	DT 31-32	205-1026	GM 68; GMT 43
130M	FO 54	1791M	GM 61; GMT 35-39	205-1026M	GM 68; GMT 43
13503P .50MM	NIT 2	1807M	FO 34, 36; FOT 18-19, 23	205-1027	GM 69
13507P	CHR 16; HY 11; MI 8	1809M	CHR 50-52, 58; DT 17, 19, 22, 29	205-1027M	GM 69
13509P	GM 2	1810M	CHR 14-21, 24-25; DT 2-3; HY 11, 13; MI 8-9, 11, 14-16; MIT 1-2	205-1038	GMT 57
13627PK	DT 14	1826AF	HO 12, 14, 16-17, 31, 37; HOT 1-2	205-1038M	GMT 57
139M	GM 68-69	1828F	HO 18-19, 24-26, 29-30	205-1087	FOT 30-31
1400AA	FO 5, 9	1828M	GM 45	205-1087M	FOT 30-31
1401M	JEE 14	1838M	FOT 8	205-1097	CHR 23, 34-35; DT 11-12
1404M	GMT 80-83	1840M	CHR 23, 34-35; DT 11-12	205-1097M	CHR 23, 34-35; DT 11-12
1414M	FOT 58	1842M	FO 15; FOT 6	205-1101	DT 50, 52
1443M	FO 15; FOT 6-7; MZT 7, 9	1843M	FO 27-29; FOT 13-14; MZT 15	205-1101M	DT 50, 52
1460A	DT 31-32	1844M	FOT 20; MZT 17-18	205-1102	CHR 44-46; DT 15-16
1460M	FO 15; FOT 6; MZT 7	1855M	GMT 36, 38-39	205-1102M	CHR 44-46; DT 15-16
1461M	GM 35; GMT 12-13	1858M	CHR 24-25; DT 2-3; HOT 9; HY 13; IST 6-8; MI 16; MIT 2	205-1107	FO 16-17
1463M	GM 61; GMT 35-39; IST 17-18	1859M	TOT 4	205-1107M	FO 16-17
1467M	FOT 55, 57	1881M	FO 37; FOT 21-22; MZT 19		
1473F	SAB 1-10	1883M	GM 28, 34		
1484M	DT 37-39, 49-52; JEE 11, 13				
1485M	GM 22-23; GMT 4-5; IST 2-3				
1487M	CHR 22-23, 33-35; DT 11-12				
148M	FO 43; FOT 27				

* New Item - Check For Availability

Numerical List

Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
205-1112	FO 34	205-1336	FO 15; FOT 6	205-1951M	FOT 21-22
205-1112M	FO 34	205-1336M	FO 15; FOT 6	205-1952	FOT 21-22
205-1114	FO 34	205-1341	FOT 20; MZT 17	205-1952M	FOT 21-22
205-1114M	FO 34	205-1341M	FOT 20; MZT 17	205-215	JEE 14
205-1116	FO 54; FOT 47	205-1343	FOT 30-32	205-215M	JEE 14
205-1116M	FO 54; FOT 47	205-1343M	FOT 30-32	205-375	CHR 20-21; MI 11
205-1117	FOT 47-48	205-1345M	FOT 33-35	205-375M	CHR 20-21; MI 11
205-1117M	FOT 47-48	205-1353	GM 28-29; GMT 8	205-398	FOT 8
205-1119	FO 15; FOT 6	205-1353M	GM 28-29; GMT 8	205-6020	GMT 36-37
205-1119M	FO 15; FOT 6	205-1356	GM 63, 67	205-6020M	GMT 36-37
205-1130	GM 20-21	205-1356M	GM 63, 67	205-6021	GM 61
205-1130M	GM 20-21	205-1366	JEE 3	205-6021M	GM 61
205-1131	GM 23	205-1366M	JEE 3	205-6026	GM 68; GMT 43
205-1131M	GM 23	205-1367	JEE 3	205-6026M	GM 68; GMT 43
205-1132	GM 28-29	205-1367M	JEE 3	205-6027	GM 69
205-1132M	GM 28-29	205-1368	JEE 3	205-6027M	GM 69
205-1136	GM 36	205-1368M	JEE 3	205-6038	GMT 57
205-1136M	GM 36	205-1369	DT 10; JEE 3	205-6038M	GMT 57
205-1151	GM 75	205-1369M	DT 10; JEE 3	205-6084	GMT 68-69
205-1151M	GM 75	205-1370	GMT 36	205-6084M	GMT 68-69
205-1155	GMT 13	205-1370M	GMT 36	205-6087	FOT 30-31
205-1155M	GMT 13	205-1371	GMT 36	205-6087M	FOT 30-31
205-1156	GMT 57	205-1371M	GMT 36	205-6091	FOT 57
205-1156M	GMT 57	205-1372	JEE 6	205-6091M	FOT 57
205-1177	TO 1	205-1372M	JEE 6	205-6094	CHR 33
205-1177M	TO 1	205-1375	CHR 5-6; MI 4	205-6094M	CHR 33
205-1182	TOT 4	205-1375M	CHR 5-6; MI 4	205-6097	CHR 23, 34-35; DT 11-12
205-1182M	TOT 4	205-1379	FO 27-29; FOT 13	205-6097M	CHR 23, 34-35; DT 11-12
205-1184	GM 41; GMT 17	205-1379M	FO 27-29; FOT 13	205-6101	DT 50, 52
205-1184M	GM 41; GMT 17	205-1380	FO 34	205-6101M	DT 50, 52
205-1188	FOT 30-31	205-1380M	FO 34	205-6102	CHR 44-46; DT 15-16
205-1188M	FOT 30-31	205-1386	GM 30	205-6102M	CHR 44-46; DT 15-16
205-1193	FOT 58	205-1386M	GM 30	205-6107	FO 16-17
205-1193M	FOT 58	205-1404	FO 34	205-6107M	FO 16-17
205-1204	JEE 6	205-1404M	FO 34	205-6112	FO 34
205-1204M	JEE 6	205-1406	GM 40	205-6112M	FO 34
205-1205	CHR 23, 34-35; DT 11-12	205-1406M	GM 40	205-6114	FO 34
205-1205M	CHR 23, 34-35; DT 11-12	205-1407	GM 22	205-6114M	FO 34
205-1207	FO 5	205-1407M	GM 22	205-6116	FO 54; FOT 47
205-1207M	FO 5	205-1413	GMT 4	205-6116M	FO 54; FOT 47
205-1212	FOT 13	205-1413M	GMT 4	205-6117	FOT 47-48
205-1212M	FOT 13	205-1415	GM 58; GMT 29	205-6117M	FOT 47-48
205-1214	FO 47-50	205-1415M	GM 58; GMT 29	205-6119	FO 15; FOT 6
205-1214M	FO 47-50	205-1418	FOT 13-14; MZT 15	205-6119M	FO 15; FOT 6
205-1215	FOT 33-35	205-1418M	FOT 13-14; MZT 15	205-6128	GM 6
205-1218	GM 22	205-1424	FO 27, 29; FOT 13	205-6128M	GM 6
205-1218M	GM 22	205-1424M	FO 27, 29; FOT 13	205-6130	GM 20-21
205-1219	GM 35	205-1502	FO 34; FOT 18	205-6130M	GM 20-21
205-1219M	GM 35	205-1502M	FO 34; FOT 18	205-6131	GM 23
205-1220	GM 41	205-1794E	NI 1	205-6131M	GM 23
205-1220M	GM 41	205-1794EM	NI 1	205-6132	GM 28-29
205-1256	FO 5	205-1861	FO 12; MZ 16	205-6132M	GM 28-29
205-1256M	FO 5	205-1861M	FO 12; MZ 16	205-6136	GM 36
205-1260	FOT 13; MZT 15	205-1863	GMT 43-44	205-6136M	GM 36
205-1260M	FOT 13; MZT 15	205-1863M	GMT 43-44	205-6151	GM 75
205-1262M	FOT 8	205-1875	HOT 9; IST 8	205-6151M	GM 75
205-1263	GMT 12	205-1875M	HOT 9; IST 8	205-6152	GM 75
205-1263AM	GMT 12	205-1878	IST 6-7	205-6152M	GM 75
205-1296	GMT 15; IST 9	205-1878M	IST 6-7	205-6155	GMT 13
205-1296M	GMT 15; IST 9	205-1879	JEE 6	205-6155M	GMT 13
205-1317	FOT 20; MZT 17	205-1879M	JEE 6	205-6156	GMT 57
205-1317M	FOT 20; MZT 17	205-1882	DT 16; MI 21; MIT 3	205-6156M	GMT 57
205-1318	FOT 20; MZT 18	205-1882M	DT 16; MI 21; MIT 3	205-6160	HO 4-5
205-1318M	FOT 20; MZT 18	205-1909	GM 22; GMT 4	205-6160M	HO 4-5
205-1319	GMT 80	205-1909M	GM 22; GMT 4	205-6176	NIT 3
205-1319M	GMT 80	205-1923	GM 56	205-6176M	NIT 3
205-1325	CHR 4	205-1923M	GM 56	205-6177	TO 1
205-1325M	CHR 4	205-1928	GMT 38-39	205-6177M	TO 1
205-1331	DT 32	205-1928M	GMT 38-39	205-6182	TOT 4
205-1331M	DT 32	205-1929	GMT 38-39	205-6182M	TOT 4
205-1333	DT 39	205-1929M	GMT 38-39	205-6184	GM 41; GMT 17
205-1333M	DT 39	205-1950	FOT 21-22	205-6184M	GM 41; GMT 17
205-1335	CHR 25; DT 3; HY 13; MI 16; MIT 2	205-1950M	FOT 21-22	205-6187	DT 43-44
205-1335M	CHR 25; DT 3; HY 13; MI 16; MIT 2	205-1951	FOT 21-22	205-6187M	DT 43-44

Numerical List

Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
205-6188	FOT 30-31	205-6339	FO 35	205-6393M	FOT 27
205-6188M	FOT 30-31	205-6339M	FO 35	205-6398	DT 10; JEE 3
205-6193	FOT 58	205-6341	FOT 20; MZT 17	205-6398M	DT 10; JEE 3
205-6193M	FOT 58	205-6341M	FOT 20; MZT 17	205-6399	GM 15
205-6204	JEE 6	205-6342	FO 43	205-6399A	GM 15
205-6204M	JEE 6	205-6342M	FO 43	205-6399AM	GM 15
205-6205	CHR 23, 34-35; DT 11-12	205-6343	FOT 30-32	205-6399M	GM 15
205-6205M	CHR 23, 34-35; DT 11-12	205-6343M	FOT 30-32	205-6400	GM 17
205-6206A	CHR 50-52; DT 22	205-6345M	FOT 33-35	205-6400M	GM 17
205-6206AM	CHR 50-52; DT 22	205-6348	GM 2	205-6401	FO 10; MZ 13
205-6207	FO 5	205-6348M	GM 2	205-6401M	FO 10; MZ 13
205-6207M	FO 5	205-6349	GM 1-2	205-6402	FO 20; MZ 20
205-6212	FOT 13	205-6349M	GM 1-2	205-6402A	FO 20; MZ 20
205-6212M	FOT 13	205-6353	GM 28-29; GMT 8	205-6402AM	FO 20; MZ 20
205-6214	FO 47-50	205-6353M	GM 28-29; GMT 8	205-6402M	FO 20; MZ 20
205-6214M	FO 47-50	205-6354	GM 58; GMT 29	205-6403	GM 61; GMT 36-37
205-6215	FOT 33-35	205-6354M	GM 58; GMT 29	205-6403M	GM 61; GMT 36-37
205-6216	FO 1	205-6355M	GM 58; GMT 29	205-6404	FO 34
205-6216M	FO 1	205-6356	GM 63, 67	205-6404M	FO 34
205-6218	GM 22	205-6356M	GM 63, 67	205-6406	GM 40
205-6218M	GM 22	205-6357	GM 68; GMT 43	205-6406M	GM 40
205-6219	GM 35	205-6357M	GM 68; GMT 43	205-6407	GM 22
205-6219M	GM 35	205-6363M	FO 43	205-6407M	GM 22
205-6220	GM 41	205-6364	TO 20	205-6408	GM 57
205-6220M	GM 41	205-6364M	TO 20	205-6408M	GM 57
205-6221A	GM 44	205-6365	TOT 9	205-6409	GM 57
205-6221AM	GM 44	205-6365M	TOT 9	205-6409M	GM 57
205-6225	GM 6	205-6366	JEE 3	205-6412	GM 53
205-6225M	GM 6	205-6366M	JEE 3	205-6412M	GM 53
205-6256	FO 5	205-6367	JEE 3	205-6413	GMT 4
205-6256M	FO 5	205-6368M	JEE 3	205-6413M	GMT 4
205-6257	GMT 68-69	205-6369	DT 10; JEE 3	205-6414	GM 58; GMT 29
205-6257M	GMT 68-69	205-6369M	DT 10; JEE 3	205-6414M	GM 58; GMT 29
205-6258	GMT 68-69	205-6370	GMT 36	205-6415	GM 58; GMT 29
205-6258M	GMT 68-69	205-6370M	GMT 36	205-6415M	GM 58; GMT 29
205-6259	GMT 68-69	205-6371	GMT 36	205-6418	FOT 13-14; MZT 15
205-6259M	GMT 68-69	205-6371M	GMT 36	205-6418M	FOT 13-14; MZT 15
205-6260	FOT 13; MZT 15	205-6372	JEE 6	205-6419	HO 41; HOT 3
205-6260M	FOT 13; MZT 15	205-6372M	JEE 6	205-6419M	HO 41; HOT 3
205-6262M	FOT 8	205-6375	CHR 5-6; MI 4	205-6420	HO 38, 40
205-6263	GMT 12	205-6375M	CHR 5-6; MI 4	205-6420M	HO 38, 40
205-6263AM	GMT 12	205-6376	GMT 39	205-6423	HO 39
205-6296	GMT 15; IST 9	205-6376M	GMT 39	205-6423M	HO 39
205-6296M	GMT 15; IST 9	205-6377	GMT 39	205-6424	FO 27, 29; FOT 13
205-6317	FOT 20; MZT 17	205-6377M	GMT 39	205-6424M	FO 27, 29; FOT 13
205-6317M	FOT 20; MZT 17	205-6378	DT 49, 51	205-6425	FOT 10
205-6318	FOT 20; MZT 18	205-6378A	DT 49, 51	205-6425M	FOT 10
205-6318M	FOT 20; MZT 18	205-6378AM	DT 49, 51	205-6426	FOT 9-10
205-6319	GMT 80	205-6378B	DT 49, 51; JEE 13	205-6426M	FOT 9-10
205-6319M	GMT 80	205-6378BM	DT 49, 51; JEE 13	205-6428	GM 61; GMT 36
205-6321	FOT 58	205-6378M	DT 49, 51	205-6428M	GM 61; GMT 36
205-6321M	FOT 58	205-6379	FO 27-29; FOT 13	205-6432	HO 12
205-6322	FOT 58	205-6379M	FO 27-29; FOT 13	205-6432M	HO 12
205-6322M	FOT 58	205-6380	FO 34	205-6434	CHR 44-45; DT 15
205-6325	CHR 4	205-6380M	FO 34	205-6434M	CHR 44-45; DT 15
205-6325M	CHR 4	205-6382	FO 43	205-6435	NI 4
205-6327	CHR 1-3; MI 1	205-6382M	FO 43	205-6435A	NI 4
205-6327M	CHR 1-3; MI 1	205-6383	GM 76	205-6435AM	NI 4
205-6328	CHR 16-17; MI 8-9	205-6383M	GM 76	205-6435M	NI 4
205-6328M	CHR 16-17; MI 8-9	205-6385	GM 44	205-6502	FO 34; FOT 18
205-6330	CHR 58; DT 29	205-6385M	GM 44	205-6502M	FO 34; FOT 18
205-6330M	CHR 58; DT 29	205-6386	GM 30	205-6503	FOT 18
205-6331	DT 32	205-6386M	GM 30	205-6503M	FOT 18
205-6331M	DT 32	205-6387	NIT 3	205-6504	GMT 58
205-6332	DT 31	205-6387M	NIT 3	205-6504M	GMT 58
205-6332M	DT 31	205-6388	FOT 30-32	205-6505	GMT 38-39
205-6333	DT 39	205-6388M	FOT 30-32	205-6505M	GMT 38-39
205-6333M	DT 39	205-6391	FOT 6; MZT 7	205-6704	MI 3
205-6334	DT 38; JEE 11	205-6391M	FOT 6; MZT 7	205-6704M	MI 3
205-6334M	DT 38; JEE 11	205-6392	CHR 53	205-6750	TO 13
205-6335	CHR 25; DT 3; HY 13; MI 16; MIT 2	205-6392A	CHR 53	205-6750A	TO 13
205-6335M	CHR 25; DT 3; HY 13; MI 16; MIT 2	205-6392AM	CHR 53	205-6750AM	TO 13
205-6336	FO 15; FOT 6; MZT 7	205-6392M	CHR 53	205-6750M	TO 13
205-6336M	FO 15; FOT 6; MZT 7	205-6393	FOT 27	205-6775	TO 13

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205-6775M	TO 13	205-6875M	HOT 9; IST 8	205-6915M	GM 46; GMT 19
205-6778	GM 6	205-6876	HOT 11; IST 12	205-6916	GM 46; GMT 19
205-6778M	GM 6	205-6876M	HOT 11; IST 12	205-6916M	GM 46; GMT 19
205-6780	HO 17	205-6877	HOT 11; IST 12	205-6917	GM 40
205-6780M	HO 17	205-6877M	HOT 11; IST 12	205-6917M	GM 40
205-6781	HO 16	205-6878	IST 6-7	205-6918	GM 40
205-6781M	HO 16	205-6878M	IST 6-7	205-6918M	GM 40
205-6782	HO 14	205-6879	JEE 6	205-6919	GM 39
205-6782M	HO 14	205-6879M	JEE 6	205-6919M	GM 39
205-6783	HO 16	205-6880	MZT 2-3	205-6920	GM 39
205-6783M	HO 16	205-6880M	MZT 2-3	205-6920M	GM 39
205-6784	NI 11-12	205-6881	CHR 7-8; MI 5	205-6924	GM 53
205-6784M	NI 11-12	205-6881M	CHR 7-8; MI 5	205-6924M	GM 53
205-6786	NIT 3	205-6882	DT 16; MI 21; MIT 3	205-6925	GM 53
205-6786M	NIT 3	205-6882M	DT 16; MI 21; MIT 3	205-6925M	GM 53
205-6794E	NI 1	205-6883	MZ 24-25; MZT 11-12	205-6926M	GM 53
205-6794EM	NI 1	205-6883M	MZ 24-25; MZT 11-12	205-6927	GM 53
205-6808	CHR 24; MI 15; MIT 1	205-6884	NI 3	205-6927M	GM 53
205-6808M	CHR 24; MI 15; MIT 1	205-6884M	NI 3	205-6930	GMT 38-39
205-6810	HY 6	205-6885	NIT 2	205-6930M	GMT 38-39
205-6810M	HY 6	205-6885M	NIT 2	205-6931	GMT 38-39
205-6811	HY 6	205-6886	NI 5; NIT 2	205-6931M	GMT 38-39
205-6811M	HY 6	205-6886M	NI 5; NIT 2	205-6933	GMT 43-44
205-6812	GMT 2; SZT 3	205-6887	NIT 2	205-6933M	GMT 43-44
205-6812M	GMT 2; SZT 3	205-6887M	NIT 2	205-6934	AMG 4-5; GMT 70-74
205-6813	GMT 1; SZ 5; SZT 2	205-6888	NI 4	205-6934M	AMG 4-5; GMT 70-74
205-6813M	GMT 1; SZ 5; SZT 2	205-6888M	NI 4	205-6935	GM 71
205-6814	GMT 1; SZ 5; SZT 2	205-6889	NI 4	205-6935M	GM 71
205-6814M	GMT 1; SZ 5; SZT 2	205-6889M	NI 4	205-6936	GM 71
205-6850	CHR 37, 39	205-6890	NI 8	205-6936M	GM 71
205-6850M	CHR 37, 39	205-6890M	NI 8	205-6937	GM 71-72
205-6851	CHR 37-39	205-6891	NI 13	205-6937M	GM 71-72
205-6851M	CHR 37-39	205-6892	TO 2	205-6938	GMT 58
205-6852	DT 49, 51	205-6892M	TO 2	205-6938M	GMT 58
205-6852M	DT 49, 51	205-6894	TOT 1	205-6939	GMT 62
205-6853	CHR 14-16; MI 8-9	205-6894M	TOT 1	205-6939M	GMT 62
205-6853M	CHR 14-16; MI 8-9	205-6895	TOT 1	205-6940	GMT 42, 52
205-6854	CHR 31-32; MI 18	205-6895M	TOT 1	205-6940M	GMT 42, 52
205-6854M	CHR 31-32; MI 18	205-6896	TOT 1	205-6941	FO 9
205-6855	CHR 31-32	205-6896M	TOT 1	205-6941M	FO 9
205-6855M	CHR 31-32	205-6897	TO 13-14	205-6942	FO 9
205-6856	FOT 7; MZT 9	205-6897M	TO 13-14	205-6942M	FO 9
205-6856M	FOT 7; MZT 9	205-6898	TOT 6	205-6943	FO 9
205-6857	FO 6-7	205-6898M	TOT 6	205-6943M	FO 9
205-6857M	FO 6-7	205-6899	TOT 5	205-6945	FOT 11; MZT 13-14
205-6858	FO 4; MZ 9	205-6899M	TOT 5	205-6945M	FOT 11; MZT 13-14
205-6858M	FO 4; MZ 9	205-6900	TOT 5	205-6946	FOT 18
205-6859	FO 4; MZ 9	205-6900M	TOT 5	205-6946M	FOT 18
205-6859M	FO 4; MZ 9	205-6901	TOT 8	205-6947	FOT 18
205-6860	MZ 9	205-6902	TOT 14	205-6947M	FOT 18
205-6860M	MZ 9	205-6902M	TOT 14	205-6948	FOT 18
205-6861	FO 12-13; MZ 16-17	205-6903	TO 21; TOT 10-11	205-6948M	FOT 18
205-6861M	FO 12-13; MZ 16-17	205-6903M	TO 21; TOT 10-11	205-6949	FOT 18
205-6862	GM 40	205-6904	TO 21; TOT 10-11	205-6949M	FOT 18
205-6862M	GM 40	205-6904M	TO 21; TOT 10-11	205-6950	FOT 21-22
205-6863	GMT 43-44	205-6905	TO 21-22; TOT 10-11	205-6950M	FOT 21-22
205-6863M	GMT 43-44	205-6905M	TO 21-22; TOT 10-11	205-6951	FOT 21-22
205-6864	GMT 43-44	205-6907	VW 26	205-6951M	FOT 21-22
205-6864M	GMT 43-44	205-6907M	VW 26	205-6952	FOT 21-22
205-6866	AMG 4-5; GMT 70-74	205-6908	VW 27	205-6952M	FOT 21-22
205-6866M	AMG 4-5; GMT 70-74	205-6908M	VW 27	205-6953	FOT 39-42
205-6868	GMT 1; SZ 5; SZT 2	205-6909	GM 22; GMT 4	205-6953M	FOT 39-42
205-6868M	GMT 1; SZ 5; SZT 2	205-6909M	GM 22; GMT 4	205-6954	FOT 56
205-6869	GM 2	205-6910	GM 10	205-6954M	FOT 56
205-6869M	GM 2	205-6910M	GM 10	205-6955	FOT 56
205-6871	GM 11; TO 7	205-6911	GM 34	205-6955M	FOT 56
205-6871M	GM 11; TO 7	205-6911M	GM 34	205-715	JEE 14
205-6872	HO 6	205-6912	GM 34	205-715M	JEE 14
205-6872M	HO 6	205-6912M	GM 34	205-875	CHR 20-21; MI 11
205-6873	HO 9	205-6913	GM 46; GMT 19	205-875M	CHR 20-21; MI 11
205-6873M	HO 9	205-6913M	GM 46; GMT 19	205-898	FOT 8
205-6874	HO 29-30	205-6914	GM 46; GMT 19	2100M	GM 68-69; GMT 43-44, 57-58
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221-2537	GMT 12-13	222-181	AMG 4-5; GMT 68-74	222-348BT	GM 2
221-2542LS	GMT 12-13	222-183BT	HOT 9; IST 8	222-350BT	HOT 10, 21; IST 11, 14
221-2555S	GM 61; GMT 36, 38-39; IST 17-18	222-185	FO 43	222-351BT	FO 6-7
221-2750AS	FOT 30-32	222-186CT	GM 36	222-352BT	CHR 49, 53-54
221-2750L	FOT 30-32	222-187GP	FOT 8	222-353BT	CHR 31-32, 40-43, 47; HY 16; HYT 3; MI 19-20, 22-24; MIT 4-6, 8
221-2764S	FOT 30-32	222-188CT	GM 28-29	222-354BT	CHR 31-32, 40-43, 47; MI 19-20, 22-24; MIT 4-6, 8
221-2766LS	FOT 30-32	222-189	FO 38-40; FOT 24-25, 36-37	222-355BT	FO 6-7
221-3342S	FOT 56-57	222-192BT	CHR 23, 33-35; DT 11-12	222-355GP	GM 34
222-100CT	TOT 4	222-193A	CHR 37-39	222-356BT	CHR 10, 12; MI 6-7, 9
222-1019	GM 60, 64-66	222-195BT	CHR 40-46; DT 15-16; HY 15; MI 19, 21-22; MIT 3-4	222-357BT	HOT 10, 21; IST 11, 14
222-1020	GM 60, 64-66	222-203BT	HO 38-42, 46-49; HOT 3-4; IST 1, 5	222-36	GM 6; TO 5
222-1021	GM 15	222-204BT	HO 38-42, 46-49; HOT 3-4; IST 1, 5	222-365CT	GM 34
222-1023	TOT 8	222-206BT	TO 1	222-365GP	GM 34
222-104	FOT 10; NI 6-8, 11-12; NIT 3	222-207BT	TO 1	222-366CT	FO 41, 43; FOT 27-28, 36, 38-40, 42, 52; GMT 26
222-105BT	CHR 20-21, 24; DT 2-3; HY 13; MIT 2	222-209BT	TOT 9	222-366GP	GM 34
222-111BT	TO 11-14; TOT 1	222-213BT	FO 3-4; KIA 2, 6; MZ 1-2, 9	222-367CT	FO 41, 43; FOT 27-28, 36, 38-40, 42, 52
222-114BT	FO 5	222-214BT	FO 3-4; KIA 1-2, 4, 6; MZ 1-7, 9-10	222-367GP	GM 34
222-115	SB 3-4	222-216BT	MZ 24-25; MZT 11-12	222-368	GM 41, 47; GMT 15; IST 9-10
222-115CT	GM 22-23; GMT 4-5; IST 2-3	222-224BT	CHR 1-4, 31-32, 47; HY 4-5; MI 1, 20, 23-24; MIT 6, 8	222-368CT	FO 39-43, 46, 51, 53; FOT 27-29, 36-40, 42, 44, 46, 52-53
222-116	SB 3-4	222-229CT	NI 1	222-368GP	GM 34
222-11BT	FO 15; FOT 6-7; MZT 7, 9	222-230CT	NI 1	222-369CT	FO 39-43, 46, 51, 53; FOT 27-29, 36-40, 42, 44, 46, 52-53
222-122	IST 6-7	222-231GP	NI 1	222-370	FO 47-50, 55; FOT 33-35, 47-48; GM 22-23; GMT 4-5; IST 2-3
222-124	DT 3; HY 13; MIT 2	222-233GP	NI 1	222-370CT	FO 51-53; FOT 38-40, 42, 44, 46, 52-53
222-124BT	FOT 9-10; NI 11-12; NIT 3-5	222-234GP	NI 1	222-370GP	FO 41, 43-46; FOT 27
222-126	TO 18	222-235CT	NI 4; NIT 1	222-371CT	FO 51-53; FOT 38-40, 42, 44, 46, 52-53
222-127CT	FO 16-17, 21	222-236CT	NI 4; NIT 1	222-371GP	FO 41, 43-46; FOT 27
222-128	HY 2, 4-5; MI 2	222-239GP	NI 4; NIT 1	222-372	GM 40-42; GMT 17
222-1298BT	CHR 22-23, 30, 33-35; DT 5, 12; JEE 1	222-240GP	NI 4; NIT 1	222-372CT	CHR 36-39
222-131	BMW 4	222-262BT	HO 29-30; HOT 1-2	222-372GP	FO 41-44, 46; FOT 28-29
222-1324BT	FO 20; MZ 12, 20	222-268GP	GM 28-29	222-373CT	FO 5
222-132GP	TOT 4	222-293BT	MZ 24-25; MZT 11-12	222-373GP	FO 41-43, 46; FOT 27-29
222-133GP	TOT 4	222-294CT	GM 28-30, 34	222-374	FO 27-29; FOT 13; MZT 15
222-134	FO 12-13; MZ 16-17; MZT 2-3	222-295CT	GM 44, 53, 56-58; GMT 29	222-374CT	HOT 10, 21; IST 11, 14
222-1345CT	FOT 20; MZT 17	222-297GP	CHR 23, 30, 33-35; DT 5, 11-12; JEE 1	222-374GP	FO 51-53; FOT 38-40, 42, 44, 46, 52-53
222-138	TO 11, 13	222-298BT	TOT 9	222-375	GM 56, 58; GMT 29
222-139	CHR 44-46; DT 15-16; HY 15; MI 21; MIT 3	222-2SR60	CHR 22-23, 30, 33-35; DT 4-5, 9, 11-12	222-375CT	HO 13-18
222-14	FO 15; FOT 6	222-301BT	TO 11, 13-14; TOT 1	222-375GP	FO 51-53; FOT 38-40, 42, 44, 46, 52-53
222-142	HO 31, 37	222-303BT	TO 20-22; TOT 10-11	222-376	FO 34-35; FOT 18, 23
222-143	HO 4-6, 9, 12	222-304GP	GM 28-29	222-376CT	FO 6-7
222-145	HO 8	222-305GP	GM 28-30	222-376GP	CHR 37-39
222-146	MZ 21-25; MZT 11-12	222-306GP	GM 28-29	222-377	GM 44
222-147	HOT 9; IST 8	222-307GP	GM 30	222-377CT	CHR 37-39
222-148BT	VW 14-19, 26	222-308CT	GM 45	222-377GP	CHR 37-39
222-153	CHR 22-23, 33-35; DT 11-12	222-309GP	GM 60, 64-66	222-378GP*	CHR 37-39
222-154	TOT 9	222-310GP	GM 60, 64-65	222-380	DT 31-32, 37-39, 49-52, 55; JEE 11, 13
222-155	MI 11	222-311GP	GM 60, 64-66; GMT 40	222-381A	GM 53-55, 57; GMT 29
222-157	TO 17	222-313CT	GM 60, 64-66; GMT 40	222-382	GM 45
222-157CT	FOT 8, 20; MZT 17-18	222-314CT	GM 60, 64-65	222-383	GM 28-29
222-158	CHR 5-6, 20-21; MI 4	222-32	VOL 2-7	222-385	GM 39-40, 46; GMT 19; JEE 6-7
222-159	CHR 5-6, 20-21, 25; DT 2-3; HY 13; MI 4, 11, 16; MIT 2	222-321CT	FO 41-46; FOT 27-28	222-387	FO 38-39, 41-46; FOT 25, 27-28, 39, 44
222-160	CHR 62; DT 31-32, 38-39, 50, 52	222-322CT	FO 41-46; FOT 27-28	222-388	CHR 50-52, 58; DT 17, 19-20, 22-23, 29
222-161BT	CHR 20-21; DT 3; HY 13; MI 11; MIT 2	222-323CT	FO 34-35; FOT 18, 23	222-390	GM 34
222-162BT	HO 4-6, 8-9, 12	222-327BT	CHR 14-17; HY 6, 9, 11; MI 3, 6, 8-9	222-391	FO 51-53; FOT 36-40, 42, 44, 46, 52-53
222-163	FO 47-50, 54; FOT 33-35, 47-48; GMT 57	222-327CT	GM 15-17	222-392	FO 22-23, 25
222-166BT	FO 12-13; KIT 1-2; MZ 16-17; MZT 2-3	222-328GP	GM 15	222-396	FO 28-29; FOT 13; MZT 15-16
222-167CT	DT 10; JEE 2-3	222-329GP	GM 15	222-3DR48T3	NI 4
222-168	FO 47; FOT 58	222-330GP	GM 15	222-3SR54T3	NI 1
222-169GP	MZT 10	222-331GP	GM 16-17	222-3SR60X	FOT 8
222-17	VW 14-19	222-332GP	GM 16-17		
222-170GP	MZT 10	222-333BT	CHR 25; MI 11		
222-172GP	MZT 10	222-336BT	SB 3-5		
222-173GP	MZT 10	222-336CT	GM 39-41, 46, 48; GMT 17, 19-20, 23-24		
222-175CT	GM 44, 53, 56-58; GMT 29				
222-176CT	NI 5; NIT 2	222-337BT	SB 3-5		
222-177GP	NI 5; NIT 2	222-337GP	DT 10; JEE 2-3, 6-7		
		222-33BT	HY 1-2; MI 2		
		222-340BT	GM 6, 11; TO 5, 7		
		222-342BT	NI 6, 8-10		
		222-344GP	GM 53-55, 57; GMT 29		

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222-3SR64	DT 10; JEE 2-3	222-B249	FOT 9-10, 15; NI 12; NIT 3-5	223-732T	GM 61, 68-69, 74-75; GMT 35-37, 43-44, 57-58
222-3SR64X	FOT 20; MZT 17-18	222-B255	CHR 53	223-734	GM 28-30
222-3SR84T4	MZT 10	222-B257	TO 21-22, 26; TOT 10-13	223-736	FO 43
222-3SR86T3	NI 6, 8	222-B258	FO 6-7	223-740	FO 43
222-3SR92T2	NI 4	222-B259	CHR 31-32, 47; MI 18, 22; MIT 4	223-747	GM 28-30
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222-4203	GM 16	222-B263	HO 55	223-756	GM 39-40, 46; GMT 19
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245-1250-54	GM 5-6, 11; GMT 1; MI 5; NI 1; SZ 5; SZT 2; TO 5-7	245-1625-2N	DT 39	259-201B	GM 35-36, 56, 58; GMT 15, 29; IST 9
245-1250-55	CHR 7-8; MI 5; TO 11-12	245-1625-54	FO 34-35; FOT 18; HOT 9; IST 8	259-203A	GM 68-69, 74-77; GMT 43, 57, 80; JEE 14
245-1250-56	FO 4, 24; KIA 6; MZ 6-10	245-1625-62	FO 5; JEE 12; MZ 24-25; MZT 11-12	259-203ARS	GM 68-69, 74-77; GMT 43, 57, 80; JEE 14
245-1250-57	NI 3	245-1687-1	FOT 30-32	259-203B	GM 68-69, 74-77; GMT 43, 57, 80; JEE 14
245-1250-59	CHR 24, 30-32, 47; DT 5; JEE 1; MI 15, 18, 22-23; MIT 1, 4, 6	245-1687-16	DT 38; JEE 11, 13	259-203BRS	GM 68-69, 74-77; GMT 43, 57, 80; JEE 14
245-1250-61	FO 2-3, 39; KIA 2	245-1687-1N	FOT 30-32	259-203C	GM 68-69, 74-77; GMT 43, 57, 80; JEE 14
245-1250-62	HO 13-17, 20-23	245-1687-2	GMT 43	259-502A	FO 15, 47-50; FOT 6, 33-35
245-1250-63	SB 9-11	245-1687-2N	GMT 43	259-820B	CHR 34-35, 50-52; DT 11-12, 19, 22, 29
245-1250-64	HO 38-42; HOT 3	245-1687-5	FOT 30-32	260-1151	JEE 14
245-1312-52	NI 4, 6; NIT 1	245-1687-51	CHR 23, 33-35; DT 11-12	260-1194	CHR 4
245-1312-53	MI 1	245-1687-56	NI 5; NIT 2	260-1199	CHR 20-21; MI 11
245-1312-60	TO 18-19	245-1687-58	GM 16-17	260-1220	FOT 8
245-1312-62	CHR 1-3; MI 1	245-1687-5N	FOT 30-32		
245-1312-64	BMW 1-3; CHR 14-17, 40-43; HO 29-30; HY 6, 9, 11; MI 3, 9, 19-20; VW 25	245-1722-E1	DT 43-45; GMT 32		
245-1312-65	GM 7, 14; IS 1-2, 4	245-1750-2	DT 50, 52; FO 27-29; FOT 8, 13, 58; GM 44, 53, 56, 58; GMT 29; MZT 15		
245-1312-66	HOT 11; IST 12	245-1750-3	JEE 14		
245-1312-67	TOT 5-8	245-1750-3N	JEE 14		
245-1375-51	FO 1; GM 8; IS 3	245-1750-51	IST 6-7		
245-1375-55	BMW 1-3; FO 18-19, 22-23; HO 31, 37; SB 9-11	245-1750-60	BMW 4, 8-9; FO 5		
245-1375-56	FO 12-13; HO 18-19, 25-26; MZ 17; SZT 3; TO 13-14; TOT 1	245-1750-61	CHR 20-21, 44-46; DT 15-16; HY 15; MI 8, 21; MIT 3		
245-1375-60	GM 15; NI 16	245-1750-7	DT 43-45; GMT 32		
245-1375-61	FO 41, 43; FOT 27	245-1781-E1N	FOT 58		
245-1375-62	CHR 24, 30-32, 47; DT 5; JEE 1; MI 15, 18, 22-23; MIT 1, 4, 6	245-1812-2	DT 39; FO 15-17, 21; FOT 6		
245-1375-65	HO 38-42; HOT 3	245-1812-3	FOT 30-32; GM 58; GMT 29		

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260-1232	GMT 15; IST 9	260-1690	FO 10; MZ 13	260-1768	HOT 9; IST 8
260-1240	GM 61; GMT 36-37	260-1691	FO 27-29; FOT 13	260-1770	GM 10
260-1241	GM 61	260-1692	FO 34	260-1772	AMG 4-5; GMT 70-74
260-1246	GM 68; GMT 43	260-1693	FO 34	260-1773	AMG 4-5; GMT 70-74
260-1247	GM 69	260-1694	FO 34; FOT 18	260-1774	DT 15
260-1269	AMG 2; GM 74; GMT 57; IST 22	260-1695	FOT 6-7; MZT 7, 9	260-1775	TO 13-14
260-1299	VW 14-17, 19	260-1696	FO 15; FOT 6; MZT 7	260-1776	HO 42
260-1315	GMT 68-69	260-1697	FOT 10	260-1777	HO 42
260-1420	FOT 30-31	260-1698	FOT 9-10	260-1778	GM 6; TO 5
260-1426	CHR 33	260-1699	FOT 20; MZT 17	260-1780	HO 17
260-1427	CHR 23, 34-35; DT 11-12	260-1700	FOT 30-32	260-1781	HO 15-16
260-1431	DT 50, 52	260-1702	CHR 1-3; MI 1	260-1782	HO 14, 16
260-1432	CHR 44; DT 15	260-1703	CHR 5-6; MI 4	260-1783	HO 16
260-1437	FO 16-17	260-1704	CHR 16-17; MI 3, 8-9	260-1784	NI 11-12
260-1442	FO 34	260-1705	CHR 14-16; MI 8-9	260-1786	NIT 3
260-1444	FO 34	260-1706	CHR 53	260-1787	HOT 11; IST 12
260-1446	FO 54; FOT 47-48	260-1707	DT 39	260-1788	HO 8
260-1448	FO 15; FOT 6	260-1708	DT 37-38; JEE 11	260-1789	IST 11
260-1457	GM 6; TO 5	260-1709	CHR 25; DT 3; HY 13; MI 16; MIT 2	260-1790	HO 9
260-1459	GM 20-21	260-1710	DT 10; JEE 3	260-1791	HOT 10; IST 11, 14
260-1460	GM 28-29	260-1711	DT 32	260-1792	TOT 1
260-1463	GM 36	260-1712	JEE 6	260-1793	TOT 1
260-1466	GM 41; GMT 17; IST 10	260-1713	TO 20	260-1794	NI 1
260-1475	GM 63, 67	260-1714	TOT 9	260-1795	NI 5; NIT 2
260-1478	GM 75	260-1715	FO 20; MZ 20	260-1796	GM 11; TO 7
260-1482	GMT 13	260-1716	FO 20	260-1798	GM 2
260-1485	HO 4-5, 12	260-1720	FO 47-50	260-1799	MZ 24-25; MZT 11-12
260-1498	NIT 3	260-1722	GM 44	260-1801	TOT 8
260-1499	TO 1	260-1723	DT 49, 51	260-1802	TO 27
260-1502	TO 11	260-1724	JEE 3	260-1803	NI 3
260-1503	TOT 4	260-1725	JEE 3	260-1804	NI 7-8
260-1527	DT 43-44	260-1726	GM 61; GMT 36	260-1808	CHR 18-19, 24; MI 10, 15
260-1528	FOT 30-31	260-1727	JEE 3	260-1810	HY 6, 9, 11
260-1531	FOT 58	260-1728	GMT 39	260-1811	HY 6, 9, 11
260-1548	JEE 6	260-1729	GMT 36	260-1812	GMT 2; SZT 3
260-1549	CHR 33	260-1730	GMT 39	260-1813	GMT 1; SZ 5; SZT 2
260-1551	FO 5	260-1731	FOT 47-48	260-1814	GMT 1; SZ 5; SZT 2
260-1556	FOT 13	260-1732	HO 41; HOT 3; IST 1	260-1820	KIT 2
260-1558	FO 47-50	260-1733	HO 38, 40	260-1821	CHR 7-8; MI 5
260-1559	FOT 33, 35	260-1734	HO 39	260-1823	TO 21; TOT 10
260-1560	FO 1	260-1735	AMG 1; GMT 57-58; IST 21	260-1824	TO 21; TOT 10
260-1562	GM 22	260-1735T	AMG 1; GMT 58; IST 21	260-1825	TO 21-22; TOT 10-11
260-1563	GM 35	260-1736	GMT 43-44	260-1829	NI 13
260-1564	GM 41-42	260-1736T	GMT 44	260-1830	HO 46-48; HOT 4; IST 5
260-1565	GM 44	260-1737	FOT 27	260-1831	VW 26
260-1566	GM 58; GMT 29	260-1738	GMT 38-39; IST 17-18	260-1832	VW 27-29
260-1567	GM 56	260-1738T	GMT 38-39; IST 17-18	260-1834	TOT 14
260-1612	FO 35	260-1739	FOT 18	260-1835	NIT 3
260-1616	CHR 23, 34-35; DT 11-12	260-1740	GM 58; GMT 29	260-1836	NIT 3
260-1619	GMT 68-69	260-1741	GM 57	260-1838	CHR 45-46; HY 15; MI 21
260-1620	AMG 3; GMT 68-69	260-1742	GM 57	260-1839	DT 16; MI 21; MIT 3
260-1621	AMG 3; GMT 68-69	260-1743	GM 53	260-1843	CHR 31-32
260-1626	FO 5	260-1744	GM 53	260-1846	SB 9
260-1627	FO 27, 29; FOT 13	260-1745	GM 53	260-1849	SB 14
260-1628	FOT 13; MZT 15	260-1746	GM 40	260-1850	SB 14; SBT 2
260-1630	GMT 12	260-1746T	GM 40	260-1851	SB 16, 18; SBT 4, 6
260-1635	GMT 80	260-1747	FOT 13-14; MZT 15	260-1852	SAB 12-13; SB 16-18; SBT 4-6
260-1639	GM 8; IS 3	260-1748	GMT 4; IST 2	260-1853	FO 4; MZ 9
260-1640	GM 1-2; SZ 1	260-1749	GM 22	260-1854	FO 4; MZ 9
260-1641	GM 15	260-1750	TO 13; TOT 1	260-1855	MZ 11
260-1642	GM 17	260-1751	HO 6	260-1856	MZ 9
260-1644	GM 28-29; GMT 8	260-1752	FO 6-7	260-1857	TOT 6-7
260-1645	GM 30	260-1754	NIT 2	260-1858	TOT 5
260-1646	CHR 50-52; DT 19-22	260-1755	NIT 2	260-1859	TOT 5
260-1647	CHR 58; DT 29	260-1756	NI 4	260-1860	TO 2
260-1650	GM 76	260-1757	NI 4	260-1861	TO 2
260-1652	FOT 20; MZT 18	260-1758	HO 62	260-1862	NI 4
260-1653	FOT 20; MZT 17	260-1759	CHR 31-32; MI 18	260-1863	NI 4
260-1669	DT 31	260-1760	HO 29-30	260-1864	DT 49, 51
260-1671	FO 43	260-1761	HOT 11; IST 12	260-1865	DT 49, 51; JEE 13
260-1673	FOT 54-55, 57	260-1762	JEE 6	260-1866	CHR 37, 39
260-1686	FOT 58	260-1765	FO 12-13; MZ 16-17	260-1867	CHR 37-39
260-1687	FOT 58	260-1766	MZT 2-3	260-1870	GM 40

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260-1871	GM 39	260-1956	GMT 62, 64	260-2537*	GM 39-40, 46; GMT 18-20
260-1871T	GM 39	260-1957	DT 40, 42; JEE 12	260-2538*	FO 27-29; FOT 13-14; MZT 15-16
260-1872	GM 46; GMT 19	260-1958	CHR 59-60	260-2539*	GM 22; GMT 4-5; IST 2-3
260-1872T	GM 46; GMT 19	260-1959	DT 27; JEE 4	260-2540*	FO 34, 36; FOT 18-19, 23
260-1873	GM 46; GMT 19	260-1960	DT 27; JEE 4; MIT 7	260-2541*	GM 22; GMT 4; GRU 1; IST 2
260-1873T	GM 46; GMT 19	260-1961	GM 25-26; GMT 7	260-2542*	GM 61; GMT 36-39; IST 17-18
260-1880	GMT 42, 52	260-1962	GM 24, 26	260-2543*	GM 53-55, 57
260-1881	FOT 56	260-1963	GM 24, 26	260-2544*	TOT 4
260-1882	FOT 56	260-1964	GMT 34; IST 16	260-2545*	CHR 12-13
260-1883	GMT 62	260-1965	GMT 34; IST 16	260-2546*	DT 34-36; JEE 8-10; MIT 9-10
260-1884	GM 22; GMT 4; IST 2	260-1966	GMT 34; IST 16; SAT 1	260-2547*	JEE 6-7
260-1890	FOT 21-22	260-1967	GMT 34; IST 16; SAT 1	260-2548*	CHR 26-30; DT 5-9; JEE 1
260-1891	FOT 21-22	260-1968	DT 34; JEE 8, 10	260-2549*	TOT 9
260-1892	CHR 30; DT 5	260-1969	DT 34-36; JEE 8-10; MIT 9	260-2550*	FO 6-8; FOT 1; MZT 1
260-1893	DT 31	260-1970	DT 46-48	260-2551*	ACO 1; GM 60, 64-65
260-1894	FO 9	260-1972	GMT 42, 52	260-2552*	CHR 51; DT 17, 19, 22-23, 29; JEE 5
260-1895	GM 34	260-1973	GMT 42, 51-52; IST 20	260-2553*	GM 16-17
260-1896	GM 34	260-1974	GMT 42, 51-53; IST 20	260-2554*	CHR 37-39
260-1897	FO 9	260-1975	GMT 47, 50; IST 19; SAT 2	260-2555*	SAB 12-13; SB 16-18; SBT 4-6
260-1898	FOT 21-22; MZT 19	260-1976	FOT 44, 46	260-2556*	SAB 11; SB 12-15; SBT 1-3
260-1899	DT 19, 22	260-1977	FOT 44, 46	260-2557*	GM 34
260-1900	FO 6-7	260-1978	FOT 3; MZT 4	260-2558*	TO 11, 13-14; TOT 1
260-1901	FOT 11; MZT 14	260-1979	FOT 3-5; MZT 4-5	260-2559*	CHR 9-11; DT 1; MI 6-7
260-1902	FOT 39-42	260-1980	FO 14; MZ 19	260-2560*	CHR 15, 24; MI 9, 15; MIT 1
260-1904	FOT 18	260-1981	FO 11, 14; MZ 15, 19	260-3028	CHR 9-10; MI 6-7
260-1905	FOT 18	260-1982	FO 11, 14; MZ 15, 19	260-3029	CHR 11
260-1906	FOT 18	260-1983	FO 14	260-3030	FOT 20; MZT 17
260-1907	FOT 18	260-1984	FO 14	260-3031	GM 57
260-1908	FOT 18	260-1985	FOT 23	260-3032	GM 57
260-1909	GM 71	260-1987	FOT 23	260-3033	GM 57
260-1910	GM 71	260-1988	FOT 19, 23	260-3034	GM 57
260-1911	GM 71-72	260-1989	FOT 19, 23	260-3035	GM 54, 57
260-1913	CHR 49	260-1990	HOT 20	260-3036	CHR 12
260-1914	DT 31	260-1991	GMT 34; IST 16	260-3037	CHR 12
260-1915	DT 37-38; JEE 11	260-1992	GMT 34; IST 16; SAT 1	260-3038	CHR 12
260-1916	FOT 7; MZT 9	260-1993	FO 28-29; FOT 13	260-3039	GMT 36
260-1917	FO 34, 36; FOT 23	260-1994	FO 28-29	260-3041	CHR 24; MI 15; MIT 1
260-1918	FO 34	260-1995	FO 28-29	260-4005	FOT 58
260-1919	FO 34	260-1996	FOT 13-14; MZT 15	260-4008	JEE 14
260-1920	FO 34	260-1997	FOT 13-14; MZT 15	260-4029	FOT 54-55, 57
260-1921	FO 35	260-1998	JEE 6-7	260-4030	CHR 50-52, 58; DT 19-22, 29
260-1922	FOT 39-42	260-1999	JEE 6-7	2600A	FO 47-50; FOT 33-35
260-1923	FOT 39-40, 42	260-2000	JEE 6-7	2600CP	FO 47-50; FOT 33-35
260-1924	FOT 39-40, 42	260-2005	JEE 6-7	2743PN	DT 43
260-1925	FOT 39-40, 42	260-2500	AMG 1-2; GM 62, 68-69, 74-76; GMT 43-44, 57-58; IST 21-22	2744PN	DT 44
260-1926	GM 28; GMT 8	260-2501	CHR 23, 33-35; DT 11-12	2745PN 40	FOT 57
260-1927	GM 28; GMT 8	260-2502	GM 20-21	2767PN	FOT 56
260-1928	GM 45	260-2503	FO 5	2773PNA	AMG 4-5; GMT 70-74
260-1929	GM 45	260-2504	GM 35; GMT 12-13	2774PNA*	DT 46-47
260-1930	GM 62	260-2506	GM 28-30; GMT 8	2775PNA*	DT 46-47
260-1931	GM 76	260-2507	AMG 3-5; GMT 68-74	2776PNA*	DT 48
260-1932	GMT 80-82	260-2509	FOT 8, 20; MZT 17-18	2777PNA	DT 48
260-1933	HO 31	260-2510	FO 15; FOT 6-7; MZT 7, 9	3-1140RA	GM 1-2
260-1934	HO 37	260-2515	FO 27-29; FOT 13-14; MZT 15	3055CP	FO 37; FOT 8, 20-22; MZT 17-19
260-1935	FO 2	260-2516	CHR 31-32, 40-46; DT 15-16; HY 15; MI 18-21; MIT 3	3150CPA	FOT 30-32
260-1936	CHR 42; MI 19	260-2517	FO 43-45; FOT 27-28, 39-42, 44-46	3190A	GMT 80-83
260-1937	CHR 42; MI 19	260-2518	GM 36	3199Y	GMT 83
260-1938	CHR 42; MI 19	260-2519	FO 34-35; FOT 18	3204DR	GM 54, 57-58; GMT 29, 36, 38-39; IST 17-18
260-1939	CHR 40; MI 19	260-2520	CHR 50-52, 58; DT 20-22, 29	3310CPA	DT 10; JEE 2-3, 6-7, 14
260-1940	CHR 43; MI 20	260-2524	FO 10; MZ 13	3360CPA	FOT 58
260-1941	CHR 41, 43; MI 20	260-2525	CHR 53	3380A	FO 54-55; FOT 47-48
260-1942	MI 1	260-2527	FO 34; FOT 18	3380CPA	FO 54-55; FOT 47-48
260-1944	TO 18	260-2528	FO 26, 30	3545A	FO 15; FOT 6-7; MZT 7, 9
260-1945	TO 19	260-2529	FO 48-50; FOT 33-35	3571BF	HOT 9; IST 6-8
260-1946	TOT 16	260-2530	GM 22; GMT 4	362NCP 40	JEE 14
260-1947	GM 16	260-2531	GM 40	362NP	JEE 14
260-1948	GM 16	260-2532	GM 39-41, 46	3759Y	GM 57-58
260-1949	HO 64; HOT 12	260-2533	GM 44, 56, 58; GMT 29	3760A	GM 44, 53-58; GMT 29
260-1950	HOT 13-14	260-2534	GM 41-42	3764Y	GM 53
260-1951	HOT 15	260-2535	GM 1-2; SZ 1	3800CPA	CHR 22-23, 33-35; DT 11-12
260-1952	HOT 16-17	260-2536	GM 71-72; GMT 42, 51-53, 62, 64; IST 20	381-0008	FOT 30-32
260-1953	GMT 22			381-1020	DT 31-32, 37-39, 49-52; JEE 11, 13
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381-2059	FOT 30-32	381-8088	FOT 56	4-1490CPA	GM 20-21
381-2071	FO 47-50, 54; FOT 33-35, 47-48	381-8089	FO 39, 41, 43	4-1495CP	HO 24, 29-30; HOT 1-2
381-2074	FOT 30-32	381-8090	CHR 40-42, 44-46, 48; DT 15-16; MI 19-21; MIT 3-4	4-1520CP	HO 4-9
381-2083	FOT 8	381-8091	TO 11-13; TOT 1	4-1540A	GM 28-30; GMT 8
381-2098	FO 39, 41, 43	381-8092	FOT 9-10, 15; NI 6-8, 12; NIT 3-4	4-1610CP	TO 1-2
381-2150	GM 61; GMT 35-37, 39	381-8093	NI 3-5; NIT 2	4-1825CP	HO 31, 37-44, 49; HOT 2-3
381-2153	IST 6-8	381-8094	NI 1	4-2020CP	GM 22-23; GMT 4-5; IST 2-3
381-2154	AMG 4-5; GMT 68-70, 72-74	381-8094	NI 1	4-2500RAA	GM 35-36; GMT 12-13
381-2156	FOT 30-32	381-8095	CHR 1-4; HY 1-2; MI 1-2	4-2500RAA 10X2	GM 35-36; GMT 12-13
381-2157	FO 34-35; FOT 18, 23	381-8096	TO 1-2	4-2930CP	VWT 1
381-2163	GMT 15; IST 9; VW 14-19	381-8097	TO 17-21, 23-24; TOT 9, 14	4-3310CPA	DT 10; JEE 2-3
381-2169	CHR 22-23, 33-35, 50-52; DT 11-12, 19-22	381-8099	CHR 7-8, 24-25; DT 2-3; HY 13; MI 5, 16; MIT 2	4-3485CP	CHR 5-6, 16-21, 25; DT 2-3; HY 6, 11, 13; MI 3-4, 8-9, 11, 16; MIT 2
381-2170	DT 10; JEE 2-3, 6-7, 14	381-8101	IST 6-7	4-3545A	FO 15; FOT 6-7; MZT 7, 9
381-2172	GM 67	381-8102	IST 8	4-3570CPB	IST 6-7
381-2189	DT 31-32, 37-39, 49-52; GM 53, 56-58, 67; GMT 29; JEE 11, 13	381-8103	VW 14-19	4-3574Y	IST 6-7
381-2194	FOT 58	381-8104	MZ 9, 11	4-3800CPA	CHR 22-23, 33-35; DT 11-12
381-2196	GM 53, 56-58; GMT 29	381-8105	TOT 8	4-3895RA	TO 11-12
381-3025	GM 67	381-8106	MZ 21-22, 24-25; MZT 11-12, 15	4-3910RA	FO 1; MZ 1
381-3038	FO 47-50, 54; FOT 33-35, 47-48	381-8201	CHR 37-39	4-3960CPA	TOT 4
381-3095	FO 47-50, 54; FOT 30-35, 47-48; GM 68-69, 74-76; GMT 43-44, 57-58; HO 4, 7-9, 12, 19, 31	381-8202	DT 34-36; JEE 8-10	4-3964Y	TOT 4
381-3172	FOT 9-10, 15; NI 6-8, 12; NIT 3-4	381-8203	DT 27; JEE 4; MIT 7	4-3975P	FO 12-13; KIT 2; MZ 16-17; MZT 2-3
381-3178	AMG 4-5; GM 61; GMT 35-37, 39, 68-70, 72-74	381-8204	CHR 29-30; DT 5, 8-9	4-4135RA	FO 6-8; FOT 1; MZT 1
381-3179	GMT 15; IST 9	381-8210	FOT 54-57	4-4135RA 25X2	FO 6-8; FOT 1; MZT 1
381-3193	GM 61, 68-69, 73, 75; GMT 35-37, 39, 43-44, 57-58	381-8213	FO 38-46, 51-53; FOT 24-29, 36-46	4-4175CP	FO 2-4; KIA 2-4, 6; MZ 2-7, 9-11
381-3194	JEE 6-7	381-9001	AMG 4-5; CHR 22-23, 33-35, 40-42, 44-46, 48, 50-52; DT 11-12, 15-16, 19-22, 31-32, 37-39, 49-52; GM 35-36, 61, 68-69, 73, 75; GMT 12-13, 35-37, 39, 43-44, 57-58, 68-70, 72-74; JEE 11, 13; MI 19-21; MIT 3-4	4-4185RA	GM 15-17
381-4010	FO 47-50, 54; FOT 33-35, 47-48	381-9006	GM 20-21, 40-42; GMT 15, 17	4-4185RA 25X2	GM 15-17
381-4011	GM 68-69, 74-76; GMT 43-44, 57-58	381-9007	GM 53, 56-58, 67; GMT 29	4-4190CP	GMT 1-2; SZ 5; SZT 2-3
381-4012	GMT 15; IST 9	381-9008	CHR 40-42, 44-46, 48; DT 15-16; MI 19-21; MIT 3-4	4-4205CP	GMT 32; WIN 1
381-4013	FOT 30-32	381-9009	CHR 1-4, 7-8, 24-25; DT 2-3; HO 4, 7-9, 12, 19, 31; HY 1-2, 13; IST 6-8; MI 1-2, 5, 16; MIT 2; MZ 9, 11, 21-22, 24-25; MZT 11-12, 15; TO 1-2, 11-13, 17-21, 23-24; TOT 1, 8-9, 14	4-4210CP	GM 9-10
381-4014	DT 37-39, 49-52; JEE 11, 13	381-9012	FOT 9-10, 15; MZ 9, 11; NI 1, 6-8, 12; NIT 3-4; TO 1-2; TOT 8	4-4335CP	VOL 1-7
381-4021	FOT 58	381-9020	VW 14-19	4-4450P	TO 13-14; TOT 1
381-4023	GM 67	381-9026	GM 35-36; GMT 12-13	4-4455RA .25MM	GM 7-8; IS 1-3
381-5133	FOT 56	381-9030	DT 10; JEE 2-3	4-4460P	NI 4-5; NIT 1-2
381-7059	FO 15; FOT 6, 30-32	381-9654	FO 34-35; FOT 18, 23	4-4465P	AUD 1-8; VW 4-12, 14-19, 25-29
381-7074	FO 16-17, 21	381-9667	FOT 9-10, 15; NI 6-8, 12; NIT 3-4	4-4470P	HO 12, 14, 16-17
381-7110	DT 31-32, 37-39, 49-52; JEE 11, 13	381-9674	JEE 6-7	4-4475RA	CHR 1-4; HY 1-2; MI 1-2
381-7126	FOT 30-32	381-9677	DT 45-48	4-4560P	MB 3
381-7152	CHR 40-42, 44-46, 48; DT 15-16; MI 19-21; MIT 3-4; TO 1-2	381-9678	CHR 37-39	4-4595P	HOT 9; IST 8
381-8001	JEE 14	381-9680	DT 27; JEE 4; MIT 7	4-4700A	CHR 14-17, 24; MI 8-9, 14-15; MIT 1-2
381-8010	DT 37-39, 49-52; JEE 11, 13	381-9698	GM 22; GMT 4; GRU 1; IST 2	4-4705A	GM 12-13; TO 8-9
381-8015	FO 47-50, 54; FOT 33-35, 47-48	381-9699	GM 22; GMT 4; IST 2	4-4740A	CHR 7-8; MI 5
381-8018	FOT 58	3810CP	FOT 55, 57	4-4790P	GM 34
381-8029	FO 15; FOT 6	3810CPA	FOT 56	4-4805P	NI 3
381-8035	GM 67	3814Y20	FOT 55, 57	4-4820A	GM 11; TO 7
381-8042	TOT 4	3814YA20	FOT 56	4-4855A	TOT 5-6
381-8046	GMT 15	3830A .026MM	FO 34; FOT 18	4-4859Y	TOT 5-6, 8
381-8050	CHR 22-23, 33-35; DT 11-12	3830CPA	FO 34-35; FOT 18	4-4930A	FO 14; FOT 3-5
381-8053	FO 34-35; FOT 18, 23	3834Y	FO 35	4-4935P	TOT 8
381-8056	FOT 55, 57	3860P	AMG 3-5; GMT 68-74	4-4965P	HO 18-19
381-8057	AMG 4-5; GMT 68-70, 72-74	3864Y20	AMG 4-5; GMT 70-74	4-4970P	GM 19, 24-27, 32-33; GMT 6-7
381-8058	GM 61; GMT 35-37, 39	3870RA	GM 63, 67	4-4975P	HO 25-26
381-8059	GM 68-69, 73, 75; GMT 43-44, 57-58	3926AF	GM 5-6, 11; TO 5-7	4-5000A	TO 15; TOT 3
381-8060	CHR 50-52; DT 19-22	3952BF	GMT 30-31; IST 15	4-5045A	TO 3
381-8061	DT 31-32	3956BF	TO 17, 20; TOT 9, 14	4-60985RA 10	YU 1-2
381-8063	FO 16-17, 21	4-1025PA	GM 6	4-66780CP	NI 1
381-8064	FOT 8	4-1035CP	FO 16-17, 21	4-7180CH	FO 15
381-8065	HO 4, 7-9, 12, 19, 31	4-1140RA	GM 3-4; SZ 2-4; SZT 1	4-7195CH	HO 31, 37-44, 49; HOT 3
381-8071	FOT 30-32	4-1305RA	PEU 1-2	4-7305CH	FO 6-8
381-8072	FO 27-29; FOT 13	4-1400AA	FO 5, 9	4020A	GM 39-42, 45-47; GMT 15, 17, 19; IST 9-10
381-8073	GM 53, 56-58; GMT 29	4-1470CP	SAB 1-2, 5-10	405CP 60	DT 49-52
381-8074	GM 35-36; GMT 12-13			405P	DT 49-52
381-8084	JEE 6-7			4125M	FO 47-50; FOT 33-35
381-8085	GM 40-42; GMT 17			4125MA	FO 47-50; FOT 33-35
381-8086	DT 10; JEE 2-3			4135RA	FO 6-8; FOT 1; MZT 1
381-8087	GM 20-21			4176AF	FO 1-4; KIA 2-4, 6; MZ 1-7, 9-11
				4185RA	GM 15-17
				4191AF	GMT 1-2; SZ 5; SZT 2-3
				4205CP	DT 43-48; GMT 32; WIN 1
				4206DR	DT 43-44
				4207DR	DT 45

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423NP+	GMT 57	4K13599PA	NI 4	505-2034	FOT 13
423NP 20+	GMT 57	4K13604P .50MM	GMT 1; SZ 5; SZT 2	505-2037	FO 34; FOT 18
4394F	FO 31	4K546P	FO 1	505-2039	FO 34
4395A	FO 18-19, 22-25, 31; FOT 11; JAG 2; MZT 8, 13-14	4K636P	MZT 2-3	505-2040	FO 34
4399Y+	FO 24-25; FOT 11; JAG 2; MZT 13-14	5-4535P	VOL 8-12, 16, 18	505-2041	FOT 30-31
4399YA	FO 24-25; FOT 11; JAG 2; MZT 13-14	5-4535P .25MM	VOL 8-12, 16, 18	505-2042	FOT 33
4400MA	GMT 80-82	5001F	TO 15; TOT 3	505-2043	FOT 33
4464Y	NI 4-5; NIT 1-2	5006F	HOT 12-15	505-2046	FO 49-50
4469Y	VW 14-17, 19, 25-29	5020P	FOT 49	505-2058	CHR 23
4500AA	FO 34, 36; FOT 18-19, 23	5034Y	FO 32-33; FOT 16-17	505-2059	CHR 34-35; DT 11-12
4507F	FO 41, 44-45; FOT 28, 39-42, 52	5037M	JEE 14	505-215A	JEE 14
4514Y	GM 71-72; GMT 42, 47, 50-53, 62, 64-65	505-1011C	GMT 15	505-398C	FOT 8
4527F	VW 36-40; VWT 4-5	505-1026C	GM 68	505-6026C	GM 68
4561F	DT 14; MB 1-22	505-1026E	GMT 43	505-6026E	GMT 43
4565A	CHR 27-30; DT 5, 7, 9; JEE 1	505-1027C	GM 69	505-6027C	GM 69
4565A 25X2	CHR 27-30; DT 5, 7, 9; JEE 1	505-1087A	FOT 30-31	505-6084A	GMT 68-69
4575P	SB 1-2	505-1107A	FO 16	505-6087A	FOT 30-31
4584Y	CHR 37-39	505-1112C	FO 34	505-6091A	FOT 57
4589Y	CHR 53	505-1114C	FO 34	505-6094A	CHR 33
4600P	GM 5; TO 6	505-1116A	FO 54; FOT 47	505-6107A	FO 16
4615P	CHR 9-10, 12-13; MI 6-7	505-1116D	FOT 47	505-6112C	FO 34
4615P 25X2	CHR 9-10, 12-13; MI 6-7	505-1131A	GM 23	505-6114C	FO 34
463P	FO 54; FOT 47	505-1155A	GMT 13	505-6116A	FO 54; FOT 47
4659M 10	YU 1-2	505-1155F	GMT 12	505-6116D	FOT 47
4663M	AMG 1-2; GM 62, 68-69, 74-77; GMT 43-44, 57-58; IST 21-22	505-1156AN*	GMT 57	505-6131A	GM 23
4663MA	AMG 1-2; GM 62, 68-69, 74-77; GMT 43-44, 57-58; IST 21-22	505-1156CN*	GMT 57	505-6155A	GMT 13
4693F	NI 1	505-1156DN*	GMT 57	505-6155F	GMT 12
4697F	FO 20; MZ 12, 18, 20	505-1184A	GMT 17	505-6156AN*	GMT 57
4706F	DT 27, 34-36; JEE 8, 10	505-1184B	GMT 17	505-6156CN*	GMT 57
4707F	GM 12-13; TO 3-4, 8-10	505-1184C	GM 41	505-6156DN*	GMT 57
4709F	CHR 24; HY 12; HYT 2; KIA 7; MI 15; MIT 1	505-1188A	FOT 30-31	505-6184A	GMT 17
4709Y	TO 8-9	505-1193A	FOT 58	505-6184B	GMT 17
4741F	CHR 7-8; MI 5, 13	505-1193B	FOT 58	505-6184C	GM 41
4765P	FO 10; MZ 13-14	505-1205A	CHR 34-35; DT 11-12	505-6188A	FOT 30-31
4766F	FO 10; MZ 13-14	505-1205B	CHR 34-35; DT 11-12	505-6193A	FOT 58
4775A	SB 5, 8-11	505-1207C	FO 5	505-6193B	FOT 58
4785P	TO 27-28	505-1209D	FO 16	505-6204A	JEE 6
4786F	TO 27-28	505-1212A	FOT 13	505-6205B	CHR 34-35; DT 11-12
4806F	NI 3	505-1213A	FOT 13	505-6205C	CHR 23
4831F	CHR 37-39, 49, 53-57	505-1214D	FO 49-50	505-6206A	CHR 50-51; DT 22
4858F	TOT 5-6	505-1215A	FOT 33, 35	505-6207C	FO 5
4863F	TO 23-25	505-1215C	FOT 33	505-6209D	FO 16
489P	FO 16-17	505-1217A	CHR 23	505-6212A	FOT 13
4907F	TO 21-22, 26; TOT 10-13	505-1220A	GM 41	505-6213A	FOT 13
4907M	FOT 58	505-1220C	GM 41	505-6214D	FO 49-50
4909Y	TO 21-22, 26, 28; TOT 10-13, 17	505-1253A	FOT 33, 35	505-6215A	FOT 33, 35
4916M	FOT 30-32	505-1253C	FOT 33	505-6215C	FOT 33
4922F	HOT 10-11; IST 11-12, 14	505-1261A	FOT 20; MZT 17	505-6217A	CHR 23
4924Y	GMT 34	505-1264A	FOT 20; MZT 18	505-6220A	GM 41
4940P	NI 15-16; NIT 8	505-1277A	FO 34	505-6220C	GM 41
4944Y	DT 14	505-1277B	FO 34	505-6222A	GM 58; GMT 29
4945P	DT 13-14	505-1323A	FOT 13	505-6223A	GM 56
4961F	CHR 60-61; DT 42; JEE 15	505-1331A	DT 32	505-6253A	FOT 33, 35
4971DR	GM 24-26; GMT 7	505-1337A	FO 27, 29; FOT 13	505-6253C	FOT 33
4984DR	GM 49	505-1337C	FO 29	505-6257A	GMT 68-69
4994Y	GM 48, 51, 59; GMT 23-24, 33	505-1338C	FOT 13	505-6258A	GMT 68-69
4996F	GMT 75-77, 79	505-1338D	FOT 13	505-6259A	GMT 68-69
4999MA	DT 49-52; JEE 13	505-1343A	FOT 30-32	505-6261A	FOT 20; MZT 17
4K12886CP .50MM	TOT 4	505-1345A	FOT 33	505-6264A	FOT 20; MZT 18
4K13581P	HO 47-48; HOT 4; IST 5	505-1345C	FOT 33	505-6277A	FO 34
4K13583P	HO 16	505-1366A	JEE 3	505-6277B	FO 34
4K13584P	HO 29-30	505-1367A	JEE 3	505-6321A	FOT 58
4K13586P 1.00MM	HO 12	505-1368A	JEE 3	505-6322A	FOT 58
4K13587P 1.00MM	HO 17	505-1374C	GM 36	505-6323A	FOT 13
4K13590P	CHR 24; MI 15	505-1379A	FO 27-29; FOT 13	505-6331A	DT 32
4K13595P	NI 1	505-1381A	FO 34	505-6332A	DT 31
4K13598PA	NI 5	505-1381B	FO 34	505-6334	DT 38; JEE 11
		505-1394AN*	GMT 57	505-6337A	FO 27, 29; FOT 13
		505-1394CN*	GMT 57	505-6337C	FO 29
		505-1502	FO 34; FOT 18	505-6338C	FOT 13
		505-2001	GM 41	505-6338D	FOT 13
		505-2004	GM 41	505-6343A	FOT 30-32
		505-2012N*	GMT 36	505-6345A	FOT 33
		505-2033	FOT 13	505-6345C	FOT 33

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505-6346A	FOT 30-32	505-7060	CHR 34-35; DT 11-12	6-3150CPA	FOT 30-32
505-6354A	GMT 29	505-7061	DT 31	6-3150CPA 10X2	FOT 30-32
505-6360	DT 50, 52	505-7067	DT 38; JEE 11	6-3310CPA	JEE 6-7
505-6363	GM 40	505-715A	JEE 14	6-3760A	GM 44, 53-58; GMT 29
505-6364	GM 40	505-898C	FOT 8	6-3760A 10X2	GM 44, 53-58; GMT 29
505-6365	DT 31	506P	FO 47	6-3830CPA	FO 34-35; FOT 18
505-6366	DT 38; JEE 11	5078M	FO 54-55; FOT 47-48	6-3830CPA 25X2	FO 34-35; FOT 18
505-6366A	JEE 3	5078MA	FO 54-55; FOT 47-48	6-3969Y	TO 18
505-6367A	JEE 3	5085M	GM 61; GMT 35-39; IST 17-18	6-4010RA	TO 17
505-6368A	JEE 3	5085MA	GM 61; GMT 35-39; IST 17-18	6-4020A	GM 39-42, 45-47; GMT 15, 17, 19; IST 9-10
505-6370	DT 32	5095MA	DT 37-39; JEE 11	6-4020A 25X2	GM 39-42, 45-47; GMT 15, 17, 19; IST 9-10
505-6371	DT 31	5103M	CHR 5-6, 16-21, 25; DT 2-3; HY 6, 11, 13; MI 3-4, 8-9, 11, 16; MIT 2	6-4020A 50X2	GM 39-42, 45-47; GMT 15, 17, 19; IST 9-10
505-6372	DT 31	5110M	FOT 55, 57	6-4205CP	DT 43-48
505-6374C	GM 36	5130M	FO 16-17, 21	6-4380CP	TO 20
505-6378	DT 49, 51	516P	GMT 15	6-4385RA	TOT 9
505-6378A	DT 51	517CP	FOT 33, 35	6-4395A	FO 18-19, 22-25; FOT 11; JAG 2; MZT 8, 13-14
505-6378B	DT 51	517P 40+	FOT 33, 35	6-4500AA	FO 34, 36; FOT 18-19, 23
505-6379	GMT 17	520P	FOT 8	6-4500AA 25X2	FO 34, 36; FOT 18-19, 23
505-6379A	FO 27-29; FOT 13	525ACP 30	JEE 3	6-4520P	AUD 15-16
505-6381A	FO 34	525AP	JEE 3	6-4535P	VOL 22-23
505-6381B	FO 34	525P 40+	JEE 3	6-4560P .25MM	MB 4-5, 8-10
505-6382	FO 43	526AP	DT 39; JEE 11	6-4580P .50MM	MB 11-12, 18
505-6382A	GM 58; GMT 29	527P	CHR 23	6-4605P	FOT 15; NI 6-10; NIT 4-5
505-6382B	FO 43	536NCP 20	GM 68-69; GMT 43	6-4695A	FO 20; MZ 18, 20
505-6385A	GM 44	536NP	GM 68-69; GMT 43	6-4830A	CHR 37-39
505-6393	FOT 27	541P 1.00MM	KIA 4; MZ 5	6-4830A 25X2	CHR 37-39
505-6394AN*	GMT 57	546P	FO 1	6-4830A X2	CHR 37-39
505-6394CN*	GMT 57	55-400	AMG 4-5; CHR 23, 33-35, 50-52, 58; DT 10-12, 17, 19-23, 29, 31-32, 37-38, 49-52; FO 1, 5-7, 9, 27-29, 34, 36, 47, 49-50, 54; FOT 8, 13-14, 18-23, 30-35, 47, 57-58; GM 6, 10-11, 20, 22, 25-26, 39-41, 44, 46-47, 53-58, 61, 68-69, 74-75; GMT 4-5, 7, 12-13, 15, 17, 19, 29, 35-36, 38-39, 43-44, 47, 51-53, 57-58, 68-74, 80, 82; IST 9; JEE 2-3, 6, 11, 14; KIA 4; KIT 2; MZ 5; MZT 3, 17-18; NI 5; NIT 2; TO 5, 7, 18; TOT 4, 9, 16	6-4840A	DT 27
505-6395A	GM 44			6-4840A 25X2	DT 27
505-6408	FO 43			6-4845P	CHR 49, 53-57
505-6409	FO 43			6-4860P	TO 23-25
505-6410	FOT 27			6-4900P	TOT 14
505-6502	FO 34; FOT 18			6-4905P	TO 21-22, 26; TOT 10-13
505-6503	FOT 18			6-4920P	HOT 10-11, 21; IST 11-12, 14
505-6504N*	GMT 58			6-4925P	GMT 21, 34; IST 13, 16
505-6505N*	GMT 39			6-4955P	GM 49
505-7001	GM 41			6-4990A	GM 48, 50-51, 59; GMT 23-24, 33
505-7004	GM 41			6-5005A	HOT 12-15
505-7005	GM 40			6-5030P	FO 32-33; FOT 16-17
505-7006	GM 40			6-7085CH	GM 61; GMT 36-39
505-7007	GM 40			611P	GMT 43
505-7008	GM 40			640P+	GMT 36-37, 39
505-7009	GM 40			640P 20	GMT 36-37, 39
505-7010	GM 40			645P 20	GM 61; GMT 36-37
505-7012N*	GMT 36			656AP	DT 32
505-7015	GMT 36			6622MA	TO 11-14; TOT 1
505-7016N*	GMT 39			6630M	CHR 1-4; HY 1-2; MI 1-2
505-7017	GMT 36			6631M	IST 6-7
505-7018	GMT 36			6678MA	CHR 22-23, 33-35; DT 11-12
505-7021	GMT 43			6680MA	GM 5-6, 11; TO 5-7
505-7022	GMT 43-44			6685M	GM 1-2
505-7023	GMT 43-44			6687M 10	GM 61; GMT 35-39; IST 17-18
505-7024N*	GMT 58			6688M 10	GM 68-69, 74-77; GMT 43-44, 57-58
505-7025	GMT 70, 72, 74			6689MA	GM 35; GMT 12-13
505-7026	AMG 4-5; GMT 70, 72-74	569P	GM 23	668CP	FO 20; MZ 20
505-7027	GMT 70	571CP	CHR 34-35; DT 11-12	6690MA	GM 36
505-7029	GMT 80	573P	GM 67	6692M	FO 12-13; KIT 1-2; MZ 16-17; MZT 2-3
505-7030	GMT 80	574CP	CHR 50-52; DT 22	6693M	TO 18-19
505-7031	GMT 80	584P	GM 8	6695MA	FO 5, 9
505-7033	FOT 13	6-1020A	GM 61; GMT 35-39; IST 17-18	6699MA	HO 4-9
505-7034	FOT 13	6-1020A 25X2	GM 61; GMT 35-39; IST 17-18	67033BF	TO 18-19
505-7037	FO 34; FOT 18	6-1020CP	GM 61; GMT 35-39; IST 17-18	67277BF	TO 11-14; TOT 1
505-7039	FO 34	6-1165CP	TO 18-19	67333AF	TOT 4
505-7040	FO 34	6-1220RA	FO 27-29; FOT 13-14; MZT 15	67341AF	HO 4-9
505-7041	FOT 30-31	6-1220RA 25X2	FO 27-29; FOT 13-14; MZT 15	677AP	JEE 6
505-7042	FOT 33	6-13519P	TOT 9	6796M	SB 3-4
505-7043	FOT 33	6-1460A	DT 31-32	6834M	VW 1-2
505-7045	FO 47	6-1735CP	CHR 31-32, 40-47; DT 15-16; HY 15; MI 18-22; MIT 3-4	6K13610CP	TO 21-22; TOT 10-11
505-7046	FO 49-50	6-1845CP	FOT 9-10; NI 11-12; NIT 3		
505-7047	FO 49-50	6-1920RA	CHR 50-53, 58; DT 17, 19, 22-23, 29		
505-7052	DT 10; JEE 3	6-3055CP	FO 37; FOT 8, 20-22; MZT 17-19		
505-7057	CHR 23	6-3150CAA 60	FOT 30-32		
505-7058	CHR 23				
505-7059	CHR 34-35; DT 11-12				

* New Item - Check For Availability + Superseded Part Number

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6K520P .75MM	FOT 8	7288MA	GM 53-55, 57-58; GMT 29	7440M	FOT 49
6KH519P 60	FOT 30-32	7289MA	FO 38-40; FOT 24-28	7441MA 10	GM 53-55, 57-58; GMT 29
6KH523CP .50MM	FO 34; FOT 18	7291MA	FO 15; FOT 6-7; MZT 7, 9	7445MA	FO 32-33; FOT 16-17
6KH570P .50MM	FOT 20; MZT 17-18	7292MA	FO 43; FOT 27	7447M	TO 3
6KH692CP .75MM	GM 40	7292MA 25X2	FO 43; FOT 27	8-1985A	FO 38-41, 43-46; FOT 25, 27-28, 36-37, 39-44, 46
6KH694CP	CHR 44-45; DT 15; HY 15; MI 21; MIT 3	7295MA	FO 34, 36; FOT 18-19, 23	8-1985A 25X2	FO 38-39, 41, 43-45, 52; FOT 25, 27-28, 36-37, 39, 41-42, 44
6KH820CP .50MM	FO 34; FOT 18	7296MA	FO 41, 44-45, 52; FOT 28, 36-46	8-2130CA 60	DT 37-39, 49-52; JEE 11, 13
6KH834CP .50MM	CHR 44-46; DT 15-16; HY 15; MIT 3	7296MA 25X2	FO 41, 44-45; FOT 28, 38-42, 44-46	8-2130CP	DT 37-39, 49-52; JEE 11, 13
6KH850CP .50MM	FOT 23	7297MA	FOT 52	8-2130CP 10X2	DT 38-39, 49-52; JEE 11
6KH862CP .75MM	CHR 37, 39	7298MA	GM 70-72, 78, 80; GMT 41-42, 45-53, 62, 64-65	8-2555A	AMG 1-2; GM 62, 68-72, 74-78, 80; GMT 41-48, 50-53, 56-58, 62, 64-65; IST 21-22
6XH519P 20	FOT 30-32	7304M	VW 36-40; VWT 4-5	8-2555A 10X2	GM 62, 68-72, 74-78, 80; GMT 41-48, 50-53, 56-58, 62, 64-65
7011MA	FO 27-29; FOT 13-14; MZT 15	7306M	VOL 8-12, 16, 18	8-2555CA 60	AMG 1-2; GM 62, 68-69, 71-72, 74-77; GMT 42-44, 51-53, 57-58, 62, 64; IST 21-22
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7047MA	GM 22-23; GMT 4; IST 2	7307M	SAB 1-10	8-2600A	FO 47-50; FOT 33-35
7050MA	DT 31-32	7311M	BMW 8-10	8-2600CA 60	FO 47-50; FOT 33-35
7054MA	GM 28-30; GMT 8	7313M	CHR 27-30; DT 5, 7, 9; JEE 1	8-2600CP	FO 47-50; FOT 33-35
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7133MA 30*	GMT 80-82	7354MA	GM 12-13; TO 8-9	8-4835A 25X2	DT 34, 36; JEE 8, 10
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BK-6042	GM 57	BK-6131	FOT 18	BK-6255	CHR 44-45; DT 15
BK-6043	GM 57	BK-6132	FOT 18	BK-6258	DT 15
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BK-6062	GMT 36	BK-6151	FOT 30-31	BK-6307	NIT 3
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BK-6064N*	GMT 38-39	BK-6153	FOT 30-32	BK-6311	NIT 3
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BKP-6065N*	GMT 38-39	BKP-6209	CHR 34-35; DT 11-12	BTS-194A	GM 2-3; SZ 3
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CS-1591*	CHR 12	E-453K	CHR 33	E-549KC	GM 1-2
CS-274	GMT 57	E-454K	CHR 23, 34-35; DT 11-12	E-550KC	GM 2
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CS-764	FO 54; FOT 47	E-465X	FO 16-17, 21	E-559KC	NI 4-5; NIT 2
CS-770	AMG 4-5; GMT 68-74	E-468K	GMT 68-69	E-561KC	NI 1
CS-771	FOT 57	E-470KC	FO 5	E-561X	NI 1
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CS-783	GM 61; GMT 35-36	E-478K+	IST 10	E-605X	GM 40-41; GMT 17
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E-229X	FOT 30-32; GMT 36-39	E-528KC .50MM	CHR 44-46; DT 15-16; HY 15; MI 21; MIT 3	E-638KC+	GM 64-65
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E-356KC	GM 68-69; GMT 43-44	E-536X	DT 32	E-881X	HY 1-2
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* New Item - Check For Availability + Superseded Part Number

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E-921K	GMT 57-58, 62, 64-65	H1135CT	FO 46; FOT 29	H828P	HO 38-42; HOT 3; IST 1
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E-923K	FO 9	H423ACP*	GMT 57	H831CP	FOT 28
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E-925K	JEE 6-7	H497P	FO 27-29; FOT 13-14; MZT 15	H833CP	TO 11
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E-927K	FOT 6; MZT 7	H523CP	FO 34; FOT 18	H836CP	HO 6
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E-935K	GM 60	H562CP	GM 41; GMT 17	H846CP	GM 15
E-936K	GM 64-65	H564P	GM 44	H847CP	GM 46; GMT 18-20
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E-943K	GM 64-65	H580CP 20	GMT 57	H852CP	CHR 12
E-944K	FO 28-29; FOT 13-14; MZT 15	H580P+	GMT 57	H853CP	CHR 10; MI 6-7
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E977KC	DT 13-14	H684CP	GM 45	H887CP	GM 37
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H1130CP	GM 60	H809CP	GM 40	HT-2083B	FOT 8
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		H820CP	FO 34; FOT 18		

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HT-2148B	GM 35-36, 44, 53-58, 61-63, 67-72, 74-78, 80; GMT 12-13, 29, 35-39, 41-58, 62, 64-65; SAT 2	HT-2305	FO 46; FOT 29, 43-46, 53	KC-785A	CHR 23, 33-35; DT 11-12
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HT-2236B	GM 28-30, 73; VW 1-2, 25-26, 38-40; VWT 2-3, 5	HT-817B	GMT 43, 57, 80	KC-814	FOT 8
HT-2244	FOT 20; MZT 17-18	HT-817R	GMT 43, 57, 80	KC-841	FO 1; KIA 4; MZ 5
HT-2244B	FOT 20; MZT 17-18	HT-817RB	GMT 43, 57, 80	KC-860	FO 34, 36; FOT 18-19, 23
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		KC-774A	GMT 80	KT-4020S	NI 13
		KC-779	JEE 3	KT-4021S	NI 5; NIT 2
				KT-4022S	GM 30
				KT-4023S	DT 10
				KT-4026S	GM 16
				KT-4027S	FOT 20; MZT 17-18
				KT-4028S	FOT 20; MZT 17
				KT-4029S	NI 4
				KT-4030S	GM 15

* New Item - Check For Availability + Superseded Part Number

Numerical List

Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
KT-4031S*	CHR 37	MK-1038A	GMT 57	MK-2058	CHR 23, 34-35; DT 11-12
KT-4034S*	NIT 1	MK-1038C	GMT 57	MK-215A	JEE 14
KT3-1021S	GM 15	MK-1038D	GMT 57	MK-398C	FOT 8
KT3-160S	DT 31-32, 38-39, 50, 52	MK-1087A	FOT 30-31	MK-6011C	GMT 15
KT3-163S	GMT 57	MK-1107A	FO 16	MK-6021A	GM 61
KT3-163SA1	FO 47-50, 54; FOT 33-35, 47-48	MK-1112C	FO 34	MK-6026C	GM 68
KT3-168SA2	FO 47; FOT 58	MK-1114C	FO 34	MK-6026E	GMT 43
KT3-168SA3	FOT 58	MK-1116A	FO 54; FOT 47	MK-6027C	GM 69
KT3-181S	GMT 68-70	MK-1116D	FOT 47	MK-6038A	GMT 57
KT3-181SA	AMG 4-5; GMT 70-74	MK-1131A	GM 23	MK-6038C	GMT 57
KT3-185S	FO 43	MK-1151A	GM 75	MK-6038D	GMT 57
KT3-365SA1	FO 34-35; FOT 18, 23	MK-1155A	GMT 13	MK-6084A	GMT 68-69
KT3-368S	GM 41, 47; GMT 15; IST 9-10	MK-1155F	GMT 12	MK-6087A	FOT 30-31
KT3-369S	JEE 14	MK-1156A	GMT 57	MK-6091A	FOT 57
KT3-370SA	GM 22; GMT 4-5; IST 2-3	MK-1156C	GMT 57	MK-6094A	CHR 33
KT3-370SA1	FO 47-50, 55; FOT 33-35, 47-48	MK-1156D	GMT 57	MK-6107A	FO 16
KT3-372S	GM 41-42; GMT 17	MK-1182A	TOT 4	MK-6112C	FO 34
KT3-373S	GM 41, 47; GMT 15; IST 9-10	MK-1184A	GMT 17	MK-6114C	FO 34
KT3-374S	FO 27-29; FOT 13; MZT 15	MK-1184B	GMT 17	MK-6116A	FO 54; FOT 47
KT3-377SA	GM 44	MK-1184C	GM 41	MK-6116D	FOT 47
KT3-378S	GM 36	MK-1188A	FOT 30-31	MK-6131A	GM 23
KT3-380S	DT 31-32, 37-39, 49-52; JEE 11, 13	MK-1193B	FOT 58	MK-6151A	GM 75
KT3-381S	GM 53, 56, 58; GMT 29	MK-1204A	JEE 6	MK-6152A	GM 75
KT3-381SA1	GM 53-54, 57; GMT 29	MK-1205A	CHR 23, 34-35; DT 11-12	MK-6155A	GMT 13
KT3-381SA2	GM 53, 55	MK-1207A	FO 5	MK-6155F	GMT 12
KT3-382S	GM 45	MK-1207B	FO 5	MK-6156A	GMT 57
KT3-384S	GM 30	MK-1207C	FO 5	MK-6156C	GMT 57
KT3-385S	GM 40, 46; GMT 19	MK-1209D	FO 16	MK-6156D	GMT 57
KT3-385SA	JEE 6-7	MK-1212A	FOT 13	MK-6182A	TOT 4
KT3-385SA1	JEE 6-7	MK-1213A	FOT 13	MK-6184A	GMT 17
KT3-387S	FO 41, 43-45; FOT 27-28	MK-1214B	FO 47	MK-6184B	GMT 17
KT3-388S	CHR 50-52, 58; DT 17, 19-20, 22, 29	MK-1214D	FO 49-50	MK-6184C	GM 41
KT3-390S	GM 34	MK-1215A	FOT 33, 35	MK-6188A	FOT 30-31
KT3-396S	GM 28-29; FOT 13; MZT 15-16	MK-1215C	FOT 33	MK-6193B	FOT 58
KT3-3SR64S	DT 10; JEE 2-3	MK-1218A	GM 22	MK-6204A	JEE 6
KT3-3SR64SA	FOT 20; MZT 17	MK-1219C	GM 35	MK-6205A	CHR 23, 34-35; DT 11-12
KT3-4190S	GMT 38-39	MK-1220A	GM 41	MK-6205B	CHR 23, 34-35; DT 11-12
KT3-4194S	GM 71-72; GMT 42, 51-53, 62, 64	MK-1220C	GM 41	MK-6206A	CHR 50-51; DT 22
KT3-4205S	GM 70, 72, 80; GMT 42, 47, 50, 52-53, 62, 64-65, 83	MK-1253A	FOT 33, 35	MK-6207A	FO 5
KT3-4205SA	GM 70, 80; GMT 41-42, 45-46, 48, 50, 53, 62, 65	MK-1253C	FOT 33	MK-6207B	FO 5
KT3-499S	GMT 57-58	MK-1261A	FOT 20; MZT 17	MK-6207C	FO 5
KT3-499SA	GMT 43, 57	MK-1264A	FOT 20; MZT 18	MK-6209D	FO 16
KT3-499SA3	GM 68-69, 74-75	MK-1277A	FO 34	MK-6212A	FOT 13
KT3-499SA4	GM 61; GMT 36, 38-39; IST 17-18	MK-1277B	FO 34	MK-6213A	FOT 13
KT3-499SA5	GM 68-69, 74-75; GMT 43-44, 57-58	MK-1323A	FOT 13	MK-6214B	FO 47
KT3-499SA6	GM 61; GMT 35-37	MK-1331A	DT 32	MK-6214D	FO 49-50
KT3-499SA7	GM 62, 76	MK-1337A	FO 27, 29; FOT 13	MK-6215A	FOT 33, 35
KT3-4SR46	GMT 57	MK-1337C	FO 29	MK-6215C	FOT 33
KT3-4SR46A	GMT 35, 58	MK-1338C	FOT 13	MK-6218A	GM 22
KT3-4SR48	JEE 6	MK-1338D	FOT 13	MK-6219C	GM 35
KT3-4SR50	GMT 82	MK-1343A	FOT 30-32	MK-6220A	GM 41
KT3-4SR50A	GMT 81-82	MK-1345A	FOT 33	MK-6220C	GM 41
KT3-4SR50S1	GMT 83	MK-1366A	JEE 3	MK-6253A	FOT 33, 35
KT3-503SA	GM 63, 67	MK-1367A	JEE 3	MK-6253C	FOT 33
KT3-505S	FO 16-17, 21	MK-1368A	JEE 3	MK-6257A	GMT 68-69
KT3-507S	GMT 80	MK-1374C	GM 36	MK-6258A	GMT 68-69
KT3-60S	FOT 8	MK-1379A	FO 27-29; FOT 13	MK-6259A	GMT 68-69
KT3-64S	FOT 20; MZT 17-18	MK-1381A	FO 34	MK-6261A	FOT 20; MZT 17
KT3-700S	GM 39-40, 46, 48; GMT 19-20, 23-24	MK-1381B	FO 34	MK-6264A	FOT 20; MZT 18
KT3-D130SA	GM 28-29	MK-1394A	GMT 57	MK-6277A	FO 34
L-2403NF	GMT 57	MK-1394C	GMT 57	MK-6277B	FO 34
L-2446F	FO 54; FOT 47	MK-1502	FO 34; FOT 18	MK-6321A	FOT 58
L-2488F	FO 49	MK-2001	GM 41	MK-6322A	FOT 58
L-2621F	GM 71	MK-2004	GM 41	MK-6323A	FOT 13
MK-1011C	GMT 15	MK-2012	GMT 36	MK-6331A	DT 32
MK-1021A	GM 61	MK-2033	FOT 13	MK-6332A	DT 31
MK-1026E	GMT 43	MK-2034	FOT 13	MK-6334	DT 38; JEE 11
MK-1026G	GM 68	MK-2037	FO 34; FOT 18	MK-6337A	FO 27, 29; FOT 13
MK-1027C	GM 69	MK-2039	FO 34	MK-6337C	FO 29
		MK-2040	FO 34	MK-6338C	FOT 13
		MK-2041	FOT 30-31	MK-6338D	FOT 13
		MK-2042	FOT 33	MK-6343A	FOT 30-32
		MK-2046	FO 49-50	MK-6345A	FOT 33
		MK-2054	JEE 6	MK-6346A	FOT 30-32

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Numerical List

Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
MK-6354A	GMT 29	MK-7055	JEE 6	MKP-2001	GM 41
MK-6355A	GMT 29	MK-7056	JEE 6	MKP-2004	GM 41
MK-6360	DT 50, 52	MK-7057	CHR 23, 34-35; DT 11-12	MKP-2012N*	GMT 36
MK-6363	GM 40	MK-7058	CHR 23, 34-35; DT 11-12	MKP-2033	FOT 13
MK-6364	GM 40	MK-7061	DT 31	MKP-2034	FOT 13
MK-6365	DT 31	MK-7067	DT 38; JEE 11	MKP-2037	FO 34; FOT 18
MK-6366	DT 38; JEE 11	MK-7069	DT 49, 51	MKP-2039	FO 34
MK-6366A	JEE 3	MK-715A	JEE 14	MKP-2040	FO 34
MK-6367A	JEE 3	MK-898C	FOT 8	MKP-2041	FOT 30-31
MK-6368A	JEE 3	MKF-6038A	GMT 57	MKP-2042	FOT 33
MK-6370	DT 32	MKF-6038C	GMT 57	MKP-2043	FOT 33
MK-6371	DT 31	MKF-6038D	GMT 57	MKP-2046	FO 49-50
MK-6372	DT 31	MKF-6116A	FO 54; FOT 47	MKP-2058	CHR 23
MK-6374C	GM 36	MKP-1011C	GMT 15	MKP-2059	CHR 34-35; DT 11-12
MK-6378	DT 49, 51	MKP-1026C	GM 68	MKP-215A	JEE 14
MK-6378A	DT 51	MKP-1026E	GMT 43	MKP-398C	FOT 8
MK-6378B	DT 51	MKP-1027C	GM 69	MKP-6011C	FOT 15
MK-6379	GMT 17	MKP-1087A	FOT 30-31	MKP-6026C	GM 68
MK-6379A	FO 27-29; FOT 13	MKP-1107A	FO 16	MKP-6026E	GMT 43
MK-6381A	FO 34	MKP-1112C	FO 34	MKP-6027C	GM 69
MK-6381B	FO 34	MKP-1114C	FO 34	MKP-6084A	GMT 68-69
MK-6382	FO 43	MKP-1116A	FO 54; FOT 47	MKP-6087A	FOT 30-31
MK-6382A	FO 43	MKP-1116D	FOT 47	MKP-6091A	FOT 57
MK-6385A	GM 44	MKP-1131A	GM 23	MKP-6094A	CHR 33
MK-6393	FOT 27	MKP-1155A	GMT 13	MKP-6107A	FO 16
MK-6394A	GMT 57	MKP-1155F	GMT 12	MKP-6112C	FO 34
MK-6394C	GMT 57	MKP-1156AN*	GMT 57	MKP-6114C	FO 34
MK-6395A	GM 44	MKP-1156CN*	GMT 57	MKP-6116A	FO 54; FOT 47
MK-6403	GM 61	MKP-1156DN*	GMT 57	MKP-6116D	FOT 47
MK-6405A	GMT 29	MKP-1182A	TOT 4	MKP-6131A	GM 23
MK-6408	FO 43	MKP-1184A	GMT 17	MKP-6152AN*	GM 75
MK-6409	FO 43	MKP-1184B	GMT 17	MKP-6155A	GMT 13
MK-6410	FOT 27	MKP-1184C	GM 41	MKP-6155F	GMT 12
MK-6502	FO 34; FOT 18	MKP-1188A	FOT 30-31	MKP-6156AN*	GMT 57
MK-6503	FOT 18	MKP-1193A	FOT 58	MKP-6156CN*	GMT 57
MK-6504	GMT 58	MKP-1193B	FOT 58	MKP-6156DN*	GMT 57
MK-6505	GMT 39	MKP-1204A	JEE 6	MKP-6182A	TOT 4
MK-7001	GM 41	MKP-1205A	CHR 34-35; DT 11-12	MKP-6184A	GMT 17
MK-7004	GM 41	MKP-1205B	CHR 34-35; DT 11-12	MKP-6184B	GMT 17
MK-7005	GM 40	MKP-1207C	FO 5	MKP-6184C	GM 41
MK-7006	GM 40	MKP-1209D	FO 16	MKP-6188A	FOT 30-31
MK-7008	GM 40	MKP-1212A	FOT 13	MKP-6193A	FOT 58
MK-7009	GM 40	MKP-1213A	FOT 13	MKP-6193B	FOT 58
MK-7012	GMT 36	MKP-1214D	FO 49-50	MKP-6204A	JEE 6
MK-7013	GMT 39	MKP-1215A	FOT 33, 35	MKP-6205A	CHR 34-35; DT 11-12
MK-7014	GMT 36	MKP-1215C	FOT 33	MKP-6205B	CHR 34-35; DT 11-12
MK-7015	GMT 36	MKP-1217A	CHR 23	MKP-6205C	CHR 23
MK-7016	GMT 39	MKP-1220A	GM 41	MKP-6206A	CHR 50-51; DT 22
MK-7017	GMT 36	MKP-1220C	GM 41	MKP-6207C	FO 5
MK-7018	GMT 36	MKP-1253A	FOT 33, 35	MKP-6209D	FO 16
MK-7019	GMT 39	MKP-1253C	FOT 33	MKP-6212A	FOT 13
MK-7021	GMT 43	MKP-1261A	FOT 20; MZT 17	MKP-6213A	FOT 13
MK-7022	GMT 43-44	MKP-1264A	FOT 20; MZT 18	MKP-6214D	FO 49-50
MK-7023	GMT 43-44	MKP-1277A	FO 34	MKP-6215A	FOT 33, 35
MK-7024	GMT 58	MKP-1277B	FO 34	MKP-6215C	FOT 33
MK-7025	GMT 70, 72, 74	MKP-1323A	FOT 13	MKP-6220C	GM 41
MK-7026	AMG 4-5; GMT 70, 72-74	MKP-1331A	DT 32	MKP-6253A	FOT 33, 35
MK-7027	GMT 70	MKP-1337A	FO 27, 29; FOT 13	MKP-6253C	FOT 33
MK-7029	GMT 80	MKP-1337C	FO 29	MKP-6257A	GMT 68-69
MK-7030	GMT 80	MKP-1338C	FOT 13	MKP-6258A	GMT 68-69
MK-7031	GMT 80	MKP-1338D	FOT 13	MKP-6259A	GMT 68-69
MK-7033	FOT 13	MKP-1343A	FOT 30-32	MKP-6261A	FOT 20; MZT 17
MK-7034	FOT 13	MKP-1345A	FOT 33	MKP-6264A	FOT 20; MZT 18
MK-7037	FO 34; FOT 18	MKP-1345C	FOT 33	MKP-6266A	GMT 80
MK-7039	FO 34	MKP-1366A	JEE 3	MKP-6277A	FO 34
MK-7040	FO 34	MKP-1367A	JEE 3	MKP-6277B	FO 34
MK-7041	FOT 30-31	MKP-1368A	JEE 3	MKP-6321A	FOT 58
MK-7042	FOT 33	MKP-1374C	GM 36	MKP-6322A	FOT 58
MK-7045	FO 47	MKP-1379A	FO 27-29; FOT 13	MKP-6323A	FOT 13
MK-7046	FO 49-50	MKP-1381A	FO 34	MKP-6331A	DT 32
MK-7047	FO 49-50	MKP-1381B	FO 34	MKP-6332A	DT 31
MK-7051	JEE 3	MKP-1394AN*	GMT 57	MKP-6334	DT 38; JEE 11
MK-7052	DT 10; JEE 3	MKP-1394CN*	GMT 57	MKP-6337A	FO 27, 29; FOT 13
MK-7054	JEE 6	MKP-1502	FO 34; FOT 18	MKP-6337C	FO 29

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Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
MKP-6338C	FOT 13	MKP-7041	FOT 30-31	MV-1888C	FO 54; GM 47, 68-69, 74; GMT 15, 35-37, 39, 43, 57; IST 9-10
MKP-6338D	FOT 13	MKP-7042	FOT 33	MV-1903	GM 68-69
MKP-6343A	FOT 30-32	MKP-7043	FOT 33	MV-1912	GMT 80-82
MKP-6345A	FOT 33	MKP-7045	FO 47	MV-1919	CHR 23, 33-35, 50-52, 58; DT 11-12, 19, 22, 29
MKP-6345C	FOT 33	MKP-7046	FO 49-50	MV-1921	GM 61; GMT 36-37, 39, 43
MKP-6346A	FOT 30-32	MKP-7047	FO 49-50	MV-1921B	GM 61; GMT 36-37, 39, 43
MKP-6354A	GMT 29	MKP-7052	DT 10; JEE 3	P-2208	GM 68-69; GMT 57
MKP-6355A	GMT 29	MKP-7057	CHR 23	P-2217	FOT 30-32
MKP-6359A	AMG 4-5; GMT 70, 72-74	MKP-7058	CHR 23	R-1001	DT 32, 39, 50, 52
MKP-6360	DT 50, 52	MKP-7059	CHR 34-35; DT 11-12	R-1002	DT 32, 39, 50, 52
MKP-6361	CHR 23	MKP-7060	CHR 34-35; DT 11-12	R-1003	CHR 44-46; DT 15-16; MIT 3
MKP-6363	GM 40	MKP-7061	DT 31	R-1007	FO 27-29; FOT 13-14; MZT 15
MKP-6364	GM 40	MKP-7067	DT 38; JEE 11	R-1008	FO 34-35; FOT 18-19, 23
MKP-6365	DT 31	MKP-715A	JEE 14	R-1008B	FO 34-35; FOT 18-19, 23
MKP-6366	DT 38; JEE 11	MKP-898C	FOT 8	R-1008W	FO 34-35; FOT 18-19, 23
MKP-6366A	JEE 3	MR-1751	GM 61, 68-69, 74, 76-77; GMT 36-39, 43-44, 57-58	R-1010	HO 38-42; HOT 3
MKP-6367A	JEE 3	MR-1752	GM 61, 68-69, 74-76; GMT 36-39, 43-44, 57-58	R-1011	HO 38-42; HOT 3
MKP-6368A	JEE 3	MR-1783	GM 61, 68-69, 74, 76-77; GMT 36-39, 43-44, 57-58	R-1012	HO 38-42; HOT 3
MKP-6370	DT 32	MR-1811	FO 16-17, 47, 49-50, 54; FOT 30-35, 47-48, 58	R-1016	HOT 9; IST 6-8
MKP-6371	DT 31	MR-1832	GM 35-36; GMT 12-13	R-1018	NI 5; NIT 2
MKP-6372	DT 31	MR-1837	GM 41, 47; GMT 15, 17; IST 10	R-1019	NI 5; NIT 2
MKP-6374C	GM 36	MR-1838	GM 41, 47; GMT 15, 17; IST 10	R-1020	NI 5; NIT 2
MKP-6378	DT 49, 51	MR-1839	DT 10; JEE 2-3, 6-7, 14	R-1021	NI 5; NIT 2
MKP-6378A	DT 51	MR-1840	DT 10; JEE 2-3, 6-7, 14	R-1022R	GM 74-75
MKP-6378B	DT 51	MR-1841	GM 35-36; GMT 12-13	R-1023R	GM 74-75
MKP-6379	GMT 17	MR-1842	FO 34-35; FOT 18-19, 23	R-1053	FO 5, 9
MKP-6379A	FO 27-29; FOT 13	MR-1847	FO 47, 49-50; FOT 30-35, 47-48, 58	R-1053B	FO 5, 9
MKP-6380N*	GM 61	MR-1865RS	GM 74-75; GMT 57	R-1090	GM 22-23; GMT 4-5
MKP-6381A	FO 34	MR-1876	GM 44, 53	R-1090A	GM 22-23; GMT 4-5
MKP-6381B	FO 34	MR-1881	FO 27-29; FOT 13-14; MZT 15	R-1091R	FO 47, 49-50, 54; FOT 33-35, 47-48
MKP-6382	FO 43	MR-1882	GM 22-23; GMT 4-5	R-1092	FOT 20; MZT 17-18
MKP-6382A	FO 43	MR-1883	GM 40-41, 47; GMT 15, 17	R-1093	FOT 8
MKP-6385A	GM 44	MR-1886	GM 44, 56, 58	R-1094	CHR 50-52, 58; DT 19, 22, 29
MKP-6393	FOT 27	MR-1887	GM 44, 56, 58	R-1095	DT 31, 37-38, 49-52; JEE 11, 13
MKP-6394AN*	GMT 57	MR-1889	GM 74-75; GMT 57	R-1096	FO 38-39, 41-45; FOT 25-28, 36-42, 52
MKP-6394CN*	GMT 57	MR-1891	GM 74-75; GMT 57	R-1098	CHR 9-10, 27-30; DT 4-5, 7, 9; JEE 1; MI 6-7
MKP-6395A	GM 44	MR-1892	GM 74-75; GMT 57	R-1117	GM 22; GMT 4-5
MKP-6405A	GMT 29	MR-1896	GM 74-75; GMT 57	R-1119	FOT 56-57
MKP-6408	FO 43	MR-1909	JEE 2-3, 14	R-1120	GMT 80-82
MKP-6409	FO 43	MR-1916	FO 16-17, 34-35	R-1120A	GMT 80-82
MKP-6410	FOT 27	MR-1926	GM 22-23; GMT 4-5	R-1120B	GMT 80-82
MKP-6502	FO 34; FOT 18	MR-1930	GM 74-75; GMT 57	R-1121	GM 61; GMT 36, 38-39
MKP-6503	FOT 18	MR-1934	GM 35-36; GMT 12-13	R-1122	CHR 44-46; DT 15-16; HY 15; MI 21; MIT 3
MKP-6504N*	GMT 58	MR-1937	GM 40-42; GMT 36, 39	R-1123	HY 1-2
MKP-6505N*	GMT 39	MR-1945	GMT 80-82	R-1125	MI 1
MKP-7001	GM 41	MR-1946	GM 61; GMT 36, 38-39	R-1128	MI 1
MKP-7004	GM 41	MR-1947	GM 61; GMT 36, 38-39	R-1129	MZT 2-3
MKP-7005	GM 40	MR-1948	AMG 4-5; GMT 68-74	R-1130	MZT 2-3
MKP-7006	GM 40	MR-1948B	AMG 4-5; GMT 68-74	R-1133	FOT 6-7; MZT 7, 9
MKP-7007	GM 40	MR-1949	GM 61, 68-69, 74-76; GMT 36-39, 43-44, 57-58	R-1134	CHR 7-8; MI 5
MKP-7008	GM 40	MR-1950	GMT 80-82	R-1136	CHR 7-8; MI 5
MKP-7009	GM 40	MR-1951	FOT 58	R-1139	CHR 36-39
MKP-7010	GM 40	MV-1233	AMG 4-5; GM 41, 47, 61-62, 68-69, 74-77; GMT 15, 17, 35-39, 43-44, 57-58, 68-72; IST 9-10	R-1140	GMT 21, 34; IST 13
MKP-7012N*	GMT 36	MV-1233C	AMG 4-5; GM 41, 47, 61-62, 68-69, 74-77; GMT 15, 17, 35-39, 43-44, 57-58, 68-72; IST 9-10	R-1141	FO 18-19, 22-23, 25; FOT 11; MZT 8, 13-14
MKP-7015	GMT 36	MV-1598	GM 68-69, 74-75; GMT 57	R-1142	CHR 12
MKP-7016N*	GMT 39	MV-1598C	GM 68-69, 74-75; GMT 57	R-1143	CHR 12
MKP-7017	GMT 36	MV-1769	GMT 80	R-855	FOT 58
MKP-7018	GMT 36	MV-1769C	GMT 80	R-855A	FOT 58
MKP-7021	GMT 43	MV-1796	FO 37, 54; FOT 21-22, 55, 57-58	R-855B	FOT 58
MKP-7022	GMT 43-44	MV-1796C	FO 37, 54; FOT 21-22, 55, 57-58	R-875	JEE 14
MKP-7023	GMT 43-44	MV-1819	FO 47-50	R-875A	JEE 14
MKP-7024N*	GMT 58	MV-1819C	FO 47-50	R-875B	JEE 14
MKP-7025	GMT 70, 72, 74	MV-1888	FO 54; GM 44, 47, 53, 56, 58, 68-69, 74; GMT 15, 29, 35-37, 39, 43, 57; IST 9-10	R-879	FO 47, 49-50, 54; FOT 33-35, 47-48
MKP-7026	AMG 4-5; GMT 70, 72-74	MV-1888A	GM 44, 53, 56, 58; GMT 15, 29	R-879A	FO 47, 49-50, 54; FOT 33-35, 47-48
MKP-7027	GMT 70			R-879B	FO 47, 49-50, 54; FOT 33-35, 47-48
MKP-7029	GMT 80			R-881	GM 41, 47; GMT 15, 17; IST 10
MKP-7030	GMT 80			R-881A	GM 41, 47; GMT 15, 17; IST 10
MKP-7031	GMT 80			R-881B	GM 41, 47; GMT 15, 17; IST 10
MKP-7033	FOT 13				
MKP-7034	FOT 13				
MKP-7036	FOT 18				
MKP-7037	FO 34; FOT 18				
MKP-7039	FO 34				
MKP-7040	FO 34				

* New Item - Check For Availability

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Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
R-894	GM 35-36; GMT 12-13	RP-3332	FOT 20; MZT 17-18	ST-2069	FOT 9-10; NI 4-5, 11-12, 16; NIT 1-3
R-894A	GM 35-36; GMT 12-13	RP-3333	DT 31, 37-38, 49-52; JEE 11	ST-2071	TOT 16
R-894B	GM 35-36; GMT 12-13	RP-3337	FO 27-29; FOT 13; MZT 15	ST-2073	GM 40-41
R-904A	FO 5, 9	RP-3338	GMT 82	ST-2074	TOT 9
R-905	DT 10; JEE 2-3, 6-7	RP-3339	GMT 82	ST-2075	MZ 24-25; MZT 2-3, 11-12
R-905A	DT 10; JEE 2-3, 6-7	RP-3340	GM 53-55, 57	ST-2079	FO 4, 10; GM 5-7, 11, 14; HOT 11, 21; IS 1-4; IST 12; KIA 6; MZ 9, 12-13, 22-23; TO 2, 5-6, 11-14, 17-18, 23-25; TOT 1, 8
R-905B	DT 10; JEE 2-3, 6-7	RP-3341	GM 22; GMT 4-5	ST-2081	NI 3, 13-14, 17; NIT 7-8
R-909	GM 20-21	RP-3342	AMG 4-5; GMT 68-74	ST-2082	FO 1; KIA 4; MZ 5, 16, 24-25; MZT 10-12
R-913	GM 63, 67	RP-3345	FOT 56	ST-2083	CHR 5-6, 20-21, 25; DT 2, 15; HY 13; MI 4; MIT 2
R-922	FOT 9-10, 15; NI 7-8, 11-12; NIT 3-5	RP-3346	FO 34	ST-2084+	HO 37
R-948	FO 16-17; FOT 30-32	RP-3347	GMT 82	ST-2087	GM 35-36, 40-42, 57; GMT 12-13
R-948B	FO 16-17; FOT 30-32	RP-3348	GM 76; GMT 36, 38-39, 43-44, 57-58	ST-2088	FO 5
R-949	FOT 56-57	RP-3349	GM 70-72, 78, 80; GMT 41-42, 45-46, 48-56, 60, 62, 64-65; SAT 2	ST-2089	DT 31-32, 39
R-950	AMG 4-5; GMT 68-74	RP-3350	GMT 82	ST-2090	DT 44-45; FO 27-29; FOT 13-14; GM 22-23, 40-42
R-950D	AMG 4-5; GMT 68-74	RP-3351	FO 27-29; FOT 13-14; MZT 15	ST-2092	FO 15-17, 21, 47, 49-50; FOT 6, 30-32; GM 68-69; GMT 43
R-951	CHR 23, 33-35; DT 11-12	RS-626	DT 39, 50, 52	ST-2097	FO 34-35
R-967	TOT 16	RS-628	TOT 4	ST-2098	FO 34-35
R-973	GM 61, 68-69, 74, 76-77; GMT 36-39, 43-44, 57-58	RS-629	TOT 4	ST-2102	FO 27-29; FOT 13; MZT 15
R-973A	GM 61, 68-69, 74, 76-77; GMT 36-39, 43-44, 57-58	RS-637	FOT 8	ST-2103	FO 27-29; FOT 13; MZT 15
R-973B	GM 61, 68-69, 74, 76-77; GMT 36-39, 43-44, 57-58	RS-639	HY 1-2	ST-2105	GM 20-21
R-979	HO 4-6, 9, 12	RS-648	FOT 9-10, 15; NI 6-8, 11-12; NIT 3-4	ST-2109	FOT 8, 20; MZT 17-18
R-9903	DT 50, 52; FO 54; FOT 47-48	RS-649	FOT 9-10, 15; NI 6-8, 11-12; NIT 3-4	ST-2111+	TOT 4
R-998	HO 29-31, 37; HOT 1-2	RS-664	TOT 16	ST-2112	TO 1, 7
RC-128S	FOT 30-32	RS-676	AMG 4-5; GMT 68-70, 72-74	ST-2113	GM 6; TO 1, 5, 7, 11-14, 25; TOT 1, 5, 8
RC-128SA	FOT 30-32	RS-680	HO 4-6, 8-9, 12	ST-2114	NI 1-2
RC-140	FO 47-50; FOT 33-35, 47-48	RS-685	HO 4-6, 8-9, 12	ST-2115	TOT 9
RC-140B	FO 47-50; FOT 33-35, 47-48	RS-701	HO 38-42; HOT 3	ST-2116	FO 4, 20; KIA 3, 5-6; MZ 2, 4, 6, 9-11, 18, 20
RC-157S	AMG 4-5; GM 61, 68-69; GMT 35-37, 39, 43, 57, 68-74	RS-702	HO 38-42; HOT 3	ST-2117	GM 28-29
RC-163S	GMT 80	RS-703	HO 38-42; HOT 3	ST-2118	FO 1, 12
RC-164	GM 28-29	RS-706	HOT 9; IST 6-8	ST-2119	SZ 4; SZT 1
RC-166	GM 10	RS-707	HOT 9; IST 6-8	ST-2120	GM 1-2; GMT 1; SZ 3, 5; SZT 2
RC-78S	DT 31-32, 38-39, 49-52	RS-725	CHR 50-52, 58; DT 19, 22, 29	ST-2121+	CHR 44-45; DT 15; MIT 2-3
RC-78SB	DT 31-32, 38-39, 49-52	RS-731	KIA 4; MZ 5	ST-2122	CHR 62-63; DT 10, 31, 37-38, 49, 51, 55-56; JEE 2-3, 6-7, 11
RP-3093	GMT 43, 57; JEE 14	RS-741	MZT 2-3	ST-2124	HO 1-3, 13-16, 18-23, 25-28, 32-34, 38-42, 44-48, 51, 56, 58-61, 64-65, 67, 69-71; HOT 3, 6-7, 12-15, 22; IST 1, 5
RP-3167	FOT 33, 35	RS-742	MZT 2-3	ST-2125	GM 76-77; GMT 38-39, 43-44, 57-58; IST 21
RP-3183	FOT 30-32	RS-745	CHR 24; MI 14-15	ST-2127	GM 57
RP-3207	GM 41, 47; GMT 15, 17; IST 10	RS-746	CHR 24; MI 14-15	ST-2128	GM 40; GMT 19
RP-3209	FO 54; FOT 47-48	RS-752	MZ 24-25; MZT 11-12	ST-2129	GM 22; GMT 4; IST 2
RP-3212R	GMT 43, 57; JEE 14	SL-22M	DT 49-52; FO 47-50, 54; FOT 30-35, 47-48; GM 35-36; GMT 57	ST-2130	FO 5, 9
RP-3223R	FOT 33, 35	SL-22Y	DT 49-52; FO 47-50, 54; FOT 30-35, 47-48; GM 35-36; GMT 57	ST-2131	FO 22-25; FOT 11
RP-3233	FOT 8	SL-24M	GMT 80	ST-2135	FOT 7, 18, 23
RP-3236	DT 10; JEE 2-3	SL-24Y	GMT 80	ST-2137	FOT 31, 47-48, 58
RP-3237	FOT 57	SL-350M	GMT 57	ST-2138	FOT 31, 47-48
RP-3241	FO 47-50; FOT 33-35	ST-2001	FO 47-50, 54; FOT 33, 35, 47-48, 58; GM 35-36, 56, 58; GMT 29	ST-2139	FO 43
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RP-3260	FOT 30-32	ST-2002	DT 38-39, 49-52; JEE 14	ST-2141	FO 38-39, 51, 53; FOT 25, 36-37
RP-3262	GM 61, 68-69, 74-76; GMT 35-37, 39	ST-2002BC	DT 38-39, 49-52; JEE 14	ST-2142	FOT 33-34
RP-3263	GM 35-36; GMT 12-13	ST-2003	FO 16-17, 21; FOT 6, 30-32; GM 68-69; GMT 43	ST-2145	FOT 56
RP-3273	GM 40-42	ST-2003BC	FO 16-17, 21; FOT 6, 30-32; GM 68-69; GMT 43	ST-2146	CHR 37-39
RP-3274	GM 40-42	ST-2004	GMT 43, 80	ST-2148	SAB 11; SB 6-10, 12-18; SBT 1, 3-6
RP-3275	JEE 6-7	ST-2004BC	GMT 43, 80	ST-2149	HO 29-30, 37, 49, 55; HOT 1-2
RP-3277	DT 32, 39, 50, 52	ST-2015	CHR 23; DT 19, 22		
RP-3278	FOT 47	ST-2034	FOT 9-10; HOT 9; IST 6-8; NI 5, 11-12, 16; NIT 2-4		
RP-3279	CHR 50-52, 58; DT 19, 22, 29	ST-2037	CHR 20-21, 25, 44-46; DT 3, 15-16; HY 15; KIT 2; MI 21; MIT 3; TOT 4		
RP-3281	FO 29; FOT 13	ST-2039	VW 18		
RP-3282	GM 22-23	ST-2043	GMT 32; JEE 3, 6		
RP-3283	GM 44	ST-2044	FO 27-29; FOT 13-14; GM 22-23; JEE 3, 6; MZT 15		
RP-3284	FO 34-35; FOT 18-19, 23	ST-2048	DT 50, 52		
RP-3285	GM 53, 56, 58; GMT 29	ST-2056	CHR 1-4, 14-17; HY 1-2, 9, 11-12, 14, 16; KIA 7; MI 1-3, 8-9, 19-20; MIT 5		
RP-3286	GMT 80	ST-2066	HO 31		
RP-3287	GMT 80	ST-2067	HO 31		
RP-3288	FOT 58				
RP-3317	DT 43-44				
RP-3323R	FO 54; FOT 47-48				
RP-3328	GM 22; GMT 4				
RP-3330	GM 39-42, 46, 48; GMT 18-20, 23-24				
RP-3331	GM 39-42, 46, 48; GMT 18-20, 23-24				

+ Superseded Part Number

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UNASSIGNED	AMG 4-5; CHR 1-8, 14-17, 20-21, 23-25, 31-35, 37-39, 44-46, 50-53, 58; DT 3, 10-12, 15-16, 22, 29, 31-32, 38-39, 43-44, 49-52; FO 1, 4-7, 9-10, 12-13, 15-17, 20, 27-29, 34-35, 43, 47-50, 54; FOT 6-11, 13-14, 18, 20-22, 27, 30-35, 39-42, 47-48, 56-58; GM 1-2, 6, 10-11, 15, 17, 20-23, 28-30, 34-36, 39-41, 44, 46, 53, 56-58, 61, 63, 67-69, 71-72, 74-76; GMT 1-2, 4, 8, 12-13, 15, 17, 19, 29, 36-39, 42-44, 52, 57-58, 62, 68-74, 80; HO 4-6, 9, 12, 14, 16-17, 29-30, 38-41; HOT 3, 9, 11; HY 6, 11, 13, 15; IST 6-9, 12; JEE 3, 6, 11, 13-14; MI 1, 3-5, 8-9, 11, 15-16, 18, 21; MIT 1-3; MZ 9, 13, 16-17, 20, 24-25; MZT 2-3, 7, 9, 11-15, 17-18; NI 1, 3-5, 8, 11-13; NIT 2-3; SZ 5; SZT 2-3; TO 1-2, 7, 13-14, 20-22; TOT 1, 4-6, 8-11, 14; VW 26-27	V-2429	FO 47	V-2634X	IST 6
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V-1904B	GM 68-69, 74, 76; GMT 36-37, 39, 43, 57	V-2434	CHR 33, 35	V-2642	NI 1
V-1908	DT 50, 52	V-2442	GM 23	V-2643	NI 1
V-1912	GMT 80-82	V-2443	GM 23	V-2644X	NI 3
V-1912B	GMT 80-82	V-2445	FO 5	V-2645X	NI 3
V-1926	GM 61, 74-76; GMT 35-37, 39, 57	V-2446	FO 5	V-2646X	NI 4
V-1926B	GM 61, 74-76; GMT 35-37, 39, 57	V-2448	FO 27-29; FOT 13-14; MZT 15	V-2647	NI 4
V-1926Y 15	GM 61, 74-76; GMT 35-37, 39, 57	V-2448B 15	FO 27-29; FOT 13-14; MZT 15	V-2648	GM 22
V-1961	FO 49-50, 54; FOT 33-35, 47	V-2449X	GMT 43, 57	V-2649	GM 22
V-1961B	FO 49-50, 54; FOT 33-35, 47	V-2450X	GMT 82	V-2652+	CHR 14-17; HY 6, 9, 11-12; KIA 7; MI 3, 8-9, 12
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V-1979	JEE 14	V-2456	FO 16-17	V-2653+	CHR 14-17; HY 6, 9, 11-12; KIA 7; MI 3, 8-9
V-1988X	GMT 35-37, 39, 57	V-2500	TO 1	V-2653N*	CHR 14-17; HY 6, 9, 11-12; KIA 7; MI 3, 8-9
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V-1989X	GMT 80, 82	V-2501	TO 1	V-2654B 15	DT 31, 37-38, 49, 51; JEE 11, 13
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V-2045	FO 49-50, 54; FOT 33-35, 47	V-2521	GM 63, 67	V-2659	CHR 5-6; MI 4
V-2045B	FO 49-50, 54; FOT 33-35, 47	V-2522	GM 63, 67	V-2660	CHR 25; DT 2-3; HY 13; MI 16; MIT 2
V-2045B 15	FO 49-50, 54; FOT 33-35, 47	V-2526	JEE 3, 6	V-2661	CHR 25; DT 2-3; HY 13; MI 16; MIT 2
V-2143	GM 68-69; GMT 43	V-2527	DT 10; JEE 3, 6-7	V-3912	MZ 21-25; MZT 11-12
V-2143B	GM 68-69; GMT 43	V-2529	GM 35-36; GMT 12-13	V-3913	MZT 10
V-2170	FO 15, 21; FOT 6	V-2529B 15	GM 35-36; GMT 12-13	V-3915	GM 44, 53, 56, 58; GMT 29
V-2201	FO 5	V-2530	GM 35-36; GMT 12-13	V-3915B 15	GM 44, 53, 56, 58; GMT 29
V-2231	FO 34-35; FOT 18	V-2530B 15	GM 35-36; GMT 12-13	V-3916	GM 44, 53, 56, 58; GMT 29
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V-2258	TOT 16	V-2548	HO 31, 37, 55	V-3917	GM 10
V-2263	TOT 4	V-2553	FOT 8	V-3918	FOT 20; MZT 17-18
V-2263B	TOT 4	V-2553B	FOT 8	V-3918B	FOT 20; MZT 17-18
V-2264	TOT 4	V-2554B	FOT 8	V-3919	HO 49
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V-2287	AMG 4-5; GMT 70-74	V-2557	CHR 50-52, 58; DT 22, 29	V-3937	FOT 30-32
V-2288X	GMT 68	V-2558	CHR 50-52, 58; DT 22, 29	V-3940	CHR 33
V-2290	GM 41, 47; GMT 15, 17; IST 9-10	V-2560	HO 4-6, 8-9, 12	V-3943	FO 15-17, 21; FOT 6
V-2290B 15	GM 41, 47; GMT 15, 17; IST 9-10	V-2561	HO 4-6, 8-9, 12	V-3949	GM 20-21
V-2291	GM 47; GMT 15, 17; IST 9-10	V-2563	CHR 44-46; DT 15-16; HY 15; MI 21; MIT 3	V-3951	DT 32, 39
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V-2303	FOT 55, 57	V-2566	HO 38-40, 54	V-3954	DT 31, 38, 49, 51; JEE 11, 13
V-2322	FOT 9-10, 15; NI 11-12; NIT 3-4	V-2574	GM 6; TO 5	V-3954B 15	DT 31, 38, 49, 51; JEE 11, 13
V-2330	FOT 15; NI 11-12; NIT 3-4	V-2575	GM 6; TO 5	V-3956	FO 43-44; FOT 27-28, 39, 42, 52
V-2331	CHR 20-21; MI 11	V-2579	MZT 10	V-3957	FO 27-29; FOT 13-14; MZT 15
V-2334X	GM 1; SZ 2, 4; SZT 1	V-2580	NI 5; NIT 2	V-4065	NI 7-10
V-2344	KIT 2; MZT 2-3	V-2581X	NI 5; NIT 2	V-4067	HY 1-2, 4; MI 2
V-2345	KIT 2; MZT 2-3	V-2582	TO 2	V-4197	SB 1-2
V-2365	FOT 30-32	V-2583	TO 2	V-4198X	NI 7-10
V-2427	CHR 23, 34-35; DT 11-12	V-2584X	TO 17	V-4335	IST 6-7
V-2427B	CHR 23, 34-35; DT 11-12	V-2585	TO 20; TOT 14	V-4336	GM 22; GMT 4; IST 2
V-2428	CHR 23, 34; DT 11-12	V-2586	TOT 9	V-4336B 15	GM 22; GMT 4; IST 2
		V-2587X	TOT 9	V-4341	GM 1-2
		V-2588X	TOT 6-7	V-4342	GM 2
		V-2589X	TOT 5-8, 14	V-4342B	GM 2
		V-2590	KIA 4; MZ 5	V-4344	GM 76-77; GMT 38-39, 57-58; IST 21
		V-2592	KIA 4; MZ 5	V-4345	GM 62, 76-77; GMT 32, 38-39, 43-44, 57-58; IST 21
		V-2599	GM 10	V-4345B 15	GM 62, 76-77; GMT 32, 38-39, 43-44, 57-58; IST 21
		V-2606	FOT 20; MZT 17-18	V-4346	GM 22; GMT 4; IST 2
		V-2607	FO 1	V-4346B 15	GM 22; GMT 4; IST 2
		V-2608	FO 1	V-4347	GM 6, 11; TO 5, 7
		V-2612	GM 28-30	V-4348	GM 6, 11; TO 5, 7
		V-2612B	GM 28-30	V-4349A	HOT 3; IST 1
		V-2613	GM 28-30	V-4350	NI 6
		V-2614	FO 12; MZ 16	V-4351	NI 6
		V-2615	FO 12-13; MZ 16-17		
		V-2616	IST 6-7		
		V-2619	TO 13-14; TOT 1		
		V-2620	TO 13-14; TOT 1		
		V-2627	HO 55		
		V-2630	GMT 2; SZT 3		
		V-2631	GMT 2; SZT 3		
		V-2632	HOT 9; IST 8		
		V-2633	HOT 9; IST 8		

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Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
V-4352	GM 8; IS 3	V-4524	TO 13-14, 21-22, 26; TOT 10-13	V-4630	DAE 2-3; GM 37, 43; IST 4
V-4353	GM 8; IS 3	V-4525X	TO 21-22, 26; TOT 10-13	V-4631X	GM 37; SAB 14
V-4354	GM 7, 14; IS 1-2, 4	V-4526	FOT 58	V-4632X	GM 37, 43; IST 4
V-4356	GMT 1; SZ 3, 5; SZT 2	V-4553	FOT 6-7; MZT 7	V-4633	VOL 8-10, 13-24
V-4357	GMT 1; SZ 3, 5; SZT 2	V-4554	DT 10; JEE 2-3, 6	V-4634	HY 4-5
V-4359	KIA 3; MZ 4	V-4555	FO 48; FOT 34	V-4635	HY 3-4
V-4360	FO 2-3; KIA 2; MZ 2	V-4556	FO 24-25; FOT 11	V-4636	DT 10; JEE 2-3, 6-7
V-4361	FO 2-3; KIA 2; MZ 2	V-4557	GM 53, 55, 57	V-4637	DT 10; JEE 2-3, 6-7
V-4362	KIA 3; MZ 4	V-4558	GM 22; GMT 4-5; IST 2-3	V-4638	GM 49, 60, 64-65
V-4364	FO 4; KIA 6; MZ 9	V-4559X	FOT 9-10; NIT 3	V-4639	BMW 8
V-4366	FO 4; KIA 6; MZ 9	V-4560	HOT 11; IST 12	V-4641	NI 3
V-4367	SB 9-11	V-4561	HO 42, 46-48, 57, 64; HOT 4, 12-13; IST 5	V-4642X	VOL 8-10, 14-24
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V-4370	HO 13-17, 20-23	V-4564	FO 34; FOT 18-19, 23	V-4644	GM 70-72, 78, 80; GMT 41, 45-50, 54, 62, 64-65; SAT 2
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V-4372	HO 13-17, 20-23, 27-28, 34-36	V-4566X	FO 41	V-4647	CHR 36-39
V-4374	CHR 1-3; MI 1	V-4567	FO 9	V-4648	CHR 36-39
V-4375	CHR 1-3; MI 1	V-4569	GM 62; GMT 43-44	V-4650	NI 1
V-4376	CHR 1-3; MI 1	V-4570	GM 53, 55, 57	V-4651	HO 7
V-4379X	GM 7, 14; IS 1-2, 4	V-4571	GM 39, 46; GMT 18-20	V-4652	HO 7
V-4384	DT 43-45; GMT 32	V-4572	GM 22; GMT 4-5; IST 2-3	V-4655	FO 9
V-4385	DT 43-45	V-4573	HO 41-42, 46-48, 57, 64; HOT 4, 12-13; IST 5	V-4656	NI 13
V-4475	GM 45	V-4574	HO 18-19, 24-26	V-4657	CHR 7-8; MI 5, 13
V-4476	GM 45	V-4576X	HOT 3; IST 1	V-4658	CHR 7-8; MI 5, 13
V-4477	GM 60, 64-65	V-4577	FO 31	V-4659	GM 12; TO 8-9
V-4478	GM 64-65	V-4578X	FO 31	V-4660	GM 12; TO 8-9
V-4479	FO 38-39; FOT 25, 36-37	V-4579	GM 34	V-4661	BMW 4
V-4480	FO 38-39; FOT 25, 36-37	V-4580	GM 34	V-4662	BMW 4
V-4481	CHR 49, 53-57; DT 24	V-4581	DT 19, 22, 29	V-4663	BMW 1-2
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		VS-739RB	GM 68-69, 74-76; GMT 43, 57	W584P	GM 8
		VS-743	JEE 14	W611P	GMT 43
		VS-789	TOT 16	W636P	MZT 2-3
		VS-798	GM 41, 47; GMT 15, 17; IST 9	W640P+	GMT 36-37, 39
		VS-798B	GM 41, 47; GMT 15, 17; IST 9	W640P 20	GMT 36-37, 39
		VS-820	AMG 4-5; GMT 68-74	W656AP	DT 32
		VS-822	JEE 6	W668CP	FO 20; MZ 20
		VS-848	KIT 2; MZT 3	W677AP	JEE 6
		VS-849	KIT 2; MZT 2-3	W677CP 30	JEE 6
		VS-859	GMT 80	W803CP	CHR 58; DT 29
		VS-862	FOT 30-32	W817P	GM 62; GMT 43-44
		VS-863	FOT 30-32	W866CP	DT 22
		VS-870	TO 1	WE-178K	DT 39; JEE 11
		VS-876	FOT 9-10, 15; NI 6-8, 11-12; NIT 3-5	WE-178X	DT 39; JEE 11
		VS-901	HO 4-5, 9, 12	WE-229K	FOT 30-32; GM 61; GMT 36, 38-39
		VS-907	GM 23	WE-229X	FOT 30-32; GMT 36, 38-39
		VS-909	GM 41	WE-234K*	JEE 6-7
		VS-911	DT 32, 39, 50, 52	WE-234X	JEE 6-7
				WE-251K	DT 49-52; FO 47-50, 54; FOT 33, 35, 47-48; GMT 57
				WE-251KC	DT 49-52; FO 47-50, 54; FOT 33, 35, 47-48; GMT 57

* New Item - Check For Availability + Superseded Part Number

Numerical List

Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.	Part No.	Manufacturer and Line No.
WE-251X	DT 49-52; FO 47-50, 54; FOT 33, 35, 47-48; GMT 57	WE-556KC	HO 38-42; HOT 3	WH606P	FO 49-50; FOT 33
WE-296K	FOT 58	WE-558KC	FOT 9-10; NI 6-12; NIT 3	WH612CP	FOT 58
WE-296X	FOT 58	WE-559KC	NI 4-5; NIT 1-2	WH614CP	FO 39
WE-301K	JEE 14	WE-561KC	NI 1	WH621P	FOT 47-48
WE-301X	JEE 14	WE-562KC	TO 20; TOT 9	WH622P	GM 58; GMT 29
WE-352K	FO 15; FOT 6	WE-563KC	TO 17	WH637CP	GM 22; GMT 4
WE-352X	FO 15; FOT 6	WE-605K	GM 40-41; GMT 17	WH640ACP*	GMT 36-39
WE-356K	GM 68-69; GMT 43-44	WE-605X	GM 40-41; GMT 17	WH645NCP	GM 61
WE-356X	GM 68-69; GMT 43-44	WE-613K	FOT 20-22; MZT 17-18	WH651CP	FOT 57
WE-377K	GM 75; GMT 57	WE-615KC	FO 4; KIA 6; MZ 9, 11	WH653P 20	FO 54; FOT 47-48
WE-377X	GM 75; GMT 57	WE-616KC	IST 6-7	WH654CP	FO 49-50; FOT 33, 35
WE-384K	GM 35-36; GMT 12-13	WE-617K .50MM	HOT 9; IST 8	WH655CP	DT 49, 51
WE-432K	GMT 15; IST 9	WE-617K 1.00MM	HOT 9; IST 8	WH662CP	FO 25
WE-432X .50MM	GMT 15; IST 9	WE-626K	AMG 4-5; GMT 70-74	WH663CP	FO 22-23
WE-435KC	SB 3-4	WE-627K	GMT 39	WH667P	FOT 20; MZT 17
WE-442KC	FO 15; FOT 6; MZT 7	WE-628K	GM 61; GMT 36-37	WH672P	FO 6-7
WE-446K	FO 27-29; FOT 13-14; MZT 15	WE-629K	GM 47	WH674P	FOT 30-32
WE-446X	FO 27-29; FOT 13-14; MZT 15	WE-634K	GM 62, 68; GMT 43-44	WH675CP	FO 35
WE-450K	DT 10; JEE 2-3	WE-639KC	HO 6-7, 9, 13-16	WH676P	FOT 6
WE-450X	DT 10; JEE 2-3	WE-641K	DT 31	WH684CP	GM 45
WE-453K	CHR 33	WE-643K	GM 53, 58; GMT 29	WH687CPA 20	GM 53
WE-454K	CHR 23, 34-35; DT 11-12	WE-647KC	CHR 14-17; MI 8-9	WH689CP	DT 55
WE-455KC	CHR 20-21; MI 11	WE-882KC .50MM	SB 8-10	WH692CP	GM 40
WE-455X	CHR 20-21; MI 11	WE-901K .50MM	CHR 9-10, 12-13; MI 6-7	WH694CP	CHR 44-45; DT 15; HY 15; MI 21; MIT 3
WE-458K	FO 47-50, 55; FOT 33-35, 47-48	WE-904K	CHR 37-39	WH695P+	GMT 36-37, 39
WE-459K	GM 61; GMT 37	WE-906K	CHR 50-52; DT 17, 19, 22-23, 27; JEE 4	WH696CP	DT 31
WE-465K 20	FO 16-17, 21	WE-907K	CHR 53-57; DT 24	WH697CP	CHR 53
WE-468K	GMT 68-69	WE-909K	DT 55	WH699ACP*	GMT 38-39
WE-470KC	FOT 5	WE-910K	FO 6-7	WH699P+	GMT 38-39
WE-471K	FO 34-35; FOT 18	WE-911K	FO 34; FOT 18, 23	WH727CP	GMT 80
WE-478K	GMT 15; IST 10	WE-913K .75MM	FO 39	WH728P	GMT 36-37, 39
WE-478X	GMT 15; IST 10	WE-916K	FO 39, 43, 45; FOT 27-28, 39-42, 44, 46	WH749CP	GMT 80, 82
WE-481K	FOT 8	WE-916K .75MM	FO 39	WH800P	GM 47
WE-481X	FOT 8	WE-918K 50MM	GM 46; GMT 18-20, 24	WH802CP	JEE 6-7
WE-491KC	TO 18-19	WE-920K	GMT 36, 38-39	WH809CP	GM 40
WE-494KC	VW 14-19	WE-921K	GMT 57-58, 62, 64-65	WH813CP+	GM 45
WE-509K	FOT 57	WE-922K	GM 40	WH814CP	DT 37-38; JEE 11
WE-510K 1.00MM	MZT 10; TOT 4	WE-923K	FO 9	WH815ACP*	GMT 57-58
WE-510KC	MZT 10; TOT 4	WE-924K	DT 10; JEE 2-3	WH815P+	GMT 57-58
WE-511KC	TO 1	WE-928K	GM 45	WH816CP	FOT 33-34
WE-515KC	GMT 1-2; HO 4-6, 12, 17; SZ 5; SZT 2-3	WE-929KC	CHR 31-32; MI 18	WH820CP	FO 34; FOT 18
WE-516KC	CHR 1-4; HY 1-2	WE-930KC	CHR 40-45; DT 15; HY 15; MI 19-21; MIT 3	WH821CP	GM 20
WE-516X	CHR 1-4; HY 1-2	WE-934K	GM 34	WH822CP	DT 10; JEE 2-3
WE-517KC	GM 5; HO 31; TO 6	WE-937K	GM 70; GMT 42, 47, 49-53	WH823CP 20	DT 10; JEE 2-3
WE-522KC	CHR 16-17; HY 11; MI 8-9	WE-942K	GMT 83	WH825CP	JEE 6-7
WE-523KC	TOT 1	WH273CP	FO 47, 49-50	WH829CP	FOT 39, 41-42
WE-524KC	CHR 25; DT 2-3; HY 13; MI 16; MIT 2	WH423ACP*	GMT 57	WH831CP	FOT 28
WE-525KC	NIT 3	WH435P	FO 15	WH834CP	CHR 44-46; DT 15-16; HY 15; MIT 3
WE-527KC	SZ 4	WH497P	FO 27-29; FOT 13-14; MZT 15	WH837CP	GM 34
WE-528KC .50MM	CHR 44-46; DT 15-16; HY 15; MI 21; MIT 3	WH519P	FOT 30-32	WH840CP	GM 57
WE-529K	CHR 50-52; DT 22	WH523CP	FO 34; FOT 18	WH841CP	CHR 31-32; MI 18
WE-530K	GM 74-77	WH529P	FO 5	WH842CP	CHR 53
WE-531K	GM 22-23; GMT 4-5	WH537P	FO 15; FOT 6	WH843CP	FOT 21-22
WE-531X	GM 22-23; GMT 4-5	WH547CP	GM 35-36; GMT 12-13	WH844CP	GM 16-17
WE-532K 20	GM 53, 56, 58; GMT 29	WH547P+	GM 35-36; GMT 12-13	WH845CP	GM 15
WE-533K	GM 44	WH558P	GM 56, 58; GMT 29	WH846CP	GM 15
WE-535K	GM 28-30; GMT 8	WH561CP	GM 41	WH847CP	GM 46; GMT 18-20
WE-536K 20	DT 32	WH561P+	GM 41	WH848CP	FO 9
WE-539KC	GM 20-21	WH562CP	GM 41; GMT 17	WH850CP	FOT 23
WE-540KC .50MM	GM 6; TO 5	WH564P	GM 44	WH851CP	GM 22; GMT 4-5
WE-541KC	CHR 5-6; MI 4	WH566P	GM 28-29; GMT 8	WH852CP	CHR 12-13
WE-542KC	FO 12-13; KIT 2; MZ 16-17; MZT 2-3	WH570P	FOT 20; MZT 17-18	WH853CP	CHR 10
WE-544KC	GM 10	WH579P	CHR 33	WH854P+	GMT 36, 38-39
WE-547KC	GM 7-8; IS 1, 3-4	WH580CP 30	GMT 57	WH858CP	FO 43-45; FOT 27-28
WE-549KC	GM 1-2	WH582CP	FOT 58	WH862CP	CHR 37, 39
WE-550KC	GM 2	WH582P+	FOT 58	WH868CP	GM 71
WE-551KC	FO 2-3; MZ 2, 5	WH587CP	GMT 68-69	WH877CP	FOT 39, 41-42
WE-552KC	FO 1	WH587P+	GMT 68-69	WH878CP .50MM	FO 44-45; FOT 28
WE-553K	GMT 80-82	WH591CP	FO 43; FOT 27	WH882CP	GM 39
		WH597ACP*	GM 74-77	WH883CP	DT 34-35; JEE 8-9, 12; MIT 7, 9
		WH597CP+	GM 74-77	WL-2403NF	GMT 57
				WL-2446F	FO 54; FOT 47
				WL-2488F	FO 49-50



INDIVIDUAL FREEZE PLUGS SIZES & PLUG TYPES

P/N	Plug Size	Plug Type	Material	P/N	Plug Size	Plug Type	Material	P/N	Plug Size	Plug Type	Material
3819441	1/8"	Pipe Plug	Steel	3813039	15/16"	Cup	Steel	3812076	1-45/64"	Shallow Cup	Steel
3819618	1/8"	Pipe Plug	Steel	3819010	15/16"	Cup	Brass	3817076	1-45/64"	Shallow Cup	Brass
3819440	1/4"	Pipe Plug	Steel	3812058	1-31/32"	Shallow Cup	Steel	3811103	1-47/64"	Concave	Steel
3812162	5/16"	Cup	Steel	3811008	1"	Concave	Steel	3811015	1-3/4"	Concave	Steel
3813128	5/16"	Cup	Steel	3816008	1"	Concave	Brass	3812057	1-3/4"	Shallow Cup	Steel
3813189	5/16"	Cup	Steel	3813016	1"	Shallow Cup	Steel	3813082	1-3/4"	Cup	Steel
3812185	3/8"	Cup	Steel	3815016	1"	Shallow Cup	Stainless Steel	3816015	1-3/4"	Concave	Brass
3819442	3/8"	Pipe Plug	Steel	3819028	1"	Shallow Cup	Brass	3819030	1-3/4"	Cup	Brass
3819443	3/8"	Pipe Plug	Steel	3811009	1-1/16"	Concave	Steel	3813075	1-49/64"	Cup	Steel
3811037	7/16"	Concave	Steel	3813086	1-1/16"	Cup	Steel	3813198	1-49/64"	Cup	Steel
3812156	7/16"	Cup	Steel	3811010	1-1/8"	Concave	Steel	3812096	1-51/64"	Shallow Cup	Steel
3813088	7/16"	Cup	Steel	3816010	1-1/8"	Concave	Brass	3812173	1-13/16"	Shallow Cup	Steel
3813093	7/16"	Deep Cup	Steel	3813025	1-1/8"	Cup	Steel	3811020	1-7/8"	Concave	Steel
3813193	29/64"	Cup	Steel	3819007	1-1/8"	Cup	Brass	3812161	1-7/8"	Cup	Steel
3811046	1/2"	Concave	Steel	3815025	1-1/8"	Shallow Cup	Stainless Steel	3813050	1-7/8"	Cup	Steel
3818108	1/2"	Cup	Brass	3811021	1-3/16"	Concave	Steel	3813180	1-7/8"	Cup	Steel
3819444	1/2"	Pipe Plug	Steel	3816021	1-3/16"	Concave	Brass	3819019	1-7/8"	Cup	Brass
3813169	1/2"	Shallow Cup	Steel	3813134	1-3/16"	Cup	Steel	3812172	1-59/64"	Shallow Cup	Steel
3812098	17/32"	Shallow Cup	Steel	3813017	1-7/32"	Cup	Steel	3813040	1-15/16"	Cup	Steel
3813097	17/32"	Shallow Cup	Steel	3819025	1-7/32"	Cup	Brass	3819017	1-15/16"	Cup	Brass
3811047	9/16"	Concave	Steel	3811011	1-1/4"	Concave	Steel	3812196	1-61/64"	Shallow Cup	Steel
3812164	9/16"	Cup	Steel	3812110	1-1/4"	Cup	Steel	3813042	1-61/64"	Cup	Steel
3813048	9/16"	Cup	Steel	3813099	1-1/4"	Shallow Cup	Steel	3819026	1-61/64"	Cup	Brass
3813184	9/16"	Cup	Steel	3815110	1-1/4"	Cup	Steel	3811026	2"	Concave	Steel
3819022	9/16"	Cup	Brass	3816011	1-1/4"	Concave	Brass	3816026	2"	Concave	Brass
3812189	19/32"	Cup	Steel	3817110	1-1/4"	Shallow Cup	Brass	3813194	2"	Cup	Steel
3813054	19/32"	Cup	Steel	3811012	1-3/8"	Concave	Steel	3812066	2"	Shallow Cup	Steel
3811002	5/8"	Concave	Steel	3812193	1-3/8"	Shallow Cup	Steel	3817066	2"	Shallow Cup	Brass
3811136	5/8"	Concave	Steel	3813080	1-3/8"	Cup	Steel	3813069	2-1/64"	Cup	Steel
3812167	5/8"	Cup	Steel	3816012	1-3/8"	Concave	Brass	3819014	2-1/64"	Cup	Brass
3812169	5/8"	Cup	Steel	3819008	1-3/8"	Shallow Cup	Brass	3812083	2-1/64"	Shallow Cup	Steel
3813052	5/8"	Cup	Steel	3811023	1-5/16"	Concave	Steel	3811068	2-1/16"	Concave	Steel
3812188	43/64"	Cup	Steel	3812127	1-21/64"	Shallow Cup	Steel	3813112	2-1/16"	Cup	Steel
3811045	11/16"	Concave	Steel	3812186	1-21/64"	Shallow Cup	Steel	3812059	2-1/16"	Shallow Cup	Steel
3813144	11/16"	Shallow Cup	Steel	3811102	1-31/64"	Concave	Steel	3817059	2-1/16"	Shallow Cup	Brass
3813817	11/16"	Shallow Cup	Steel	3816102	1-31/64"	Concave	Brass	3812150	2-3/32"	Shallow Cup	Steel
3811003	3/4"	Concave	Steel	3811013	1-1/2"	Concave	Steel	3813131	2-3/32"	Shallow Cup	Steel
3816003	3/4"	Concave	Brass	3819000	1-1/2"	Shallow Cup	Brass	3811044	2-1/8"	Concave	Steel
3813038	3/4"	Cup	Steel	3816013	1-1/2"	Concave	Brass	3812170	2-9/64"	Shallow Cup	Steel
3815038	3/4"	Cup	Stainless Steel	3810003	1-1/2"	Cup	Steel	3813084	2-9/64"	Shallow Cup	Steel
3819013	3/4"	Cup	Brass	3813030	1-1/2"	Cup	Steel	3812071	2-5/32"	Shallow Cup	Steel
3812190	13/16"	Shallow Cup	Steel	3819003	1-1/2"	Cup	Brass	3813195	2-5/32"	Shallow Cup	Steel
3813190	13/16"	Shallow Cup	Steel	3813133	1-1/2"	Shallow Cup	Steel	3812074	2-3/16"	Shallow Cup	Steel
3811006	7/8"	Concave	Steel	3815133	1-1/2"	Shallow Cup	Stainless Steel	3813147	2-3/16"	Shallow Cup	Steel
3813029	7/8"	Cup	Steel	3812181	1-9/16"	Cup	Steel	3817074	2-3/16"	Shallow Cup	Brass
3815029	7/8"	Cup	Stainless Steel	3813199	1-9/16"	Cup	Steel	3812154	2-7/32"	Shallow Cup	Steel
3819011	7/8"	Cup	Brass	3810002	1-5/8"	Cup	Steel	3812078	2-7/64"	Shallow Cup	Steel
3813167	1-29/32"	Shallow Cup	Steel	3810008	1-5/8"	Shallow Cup	Steel	3813081	2-1/4"	Cup	Steel
3813072	29/32"	Cup	Steel	3811014	1-5/8"	Concave	Steel	3813090	2-1/4"	Cup	Steel
3813077	29/32"	Cup	Steel	3812126	1-5/8"	Shallow Cup	Steel	3812157	2-1/4"	Shallow Cup	Steel
3811007	15/16"	Concave	Steel	3813041	1-5/8"	Cup	Steel	3813092	2-3/8"RT	Shallow Cup	Steel
3812187	15/16"	Cup	Steel	3815126	1-5/8"	Shallow Cup	Stainless Steel	3811022	2-1/2"	Concave	Steel
				3816014	1-5/8"	Concave	Brass	3812194	2-1/2"	Shallow Cup	Steel
				3817126	1-5/8"	Shallow Cup	Brass	3813132	2-1/2"	Shallow Cup	Steel
				3817183	1-41/64"	Shallow Cup	Brass				





INDIVIDUAL FREEZE PLUGS SIZES & PLUG TYPES

P/N	Plug Size	Plug Type	Material	P/N	Plug Size	Plug Type	Material	P/N	Plug Size	Plug Type	Material
3812160	12.7mm	Metric Cup	Steel	3812168	28mm	Metric Cup	Steel	3812159	40mm	Metric Cup	Steel
3813087	12.9mm	Metric Cup	Steel	3817168	28mm	Metric Cup	Brass	3813176	40mm	Metric Cup	Steel
3812163	14.4mm	Metric Cup	Steel	3813172	30mm	Metric Cup	Steel	3819005	40mm	Metric Cup	Brass
3813178	16mm	Metric Cup	Steel	3819012	30mm	Metric Cup	Brass	3812183	41.5mm	Metric Cup	Steel
3811135	18mm	Concave	Steel	3813173	32mm	Metric Cup	Steel	3813186	41.5mm	Metric Cup	Steel
3812153	18mm	Metric Cup	Steel	3819016	32mm	Metric Cup	Brass	3813177	42.3mm	Metric Cup	Steel
3817153	18mm	Metric Cup	Brass	3813179	34.3mm	Metric Cup	Steel	3818196	42.3mm	Metric Cup	Brass
3812151	20mm	Metric Cup	Steel	3819006	34.3mm	Metric Cup	Brass	3813196	43.3mm	Metric Cup	Steel
3812180	20mm	Metric Cup	Steel	3813171	35mm	Metric Cup	Steel	3813168	44mm	Metric Cup	Steel
3817151	20mm	Metric Cup	Brass	3819009	35mm	Metric Cup	Brass	3813076	45mm	Metric Cup	Steel
3811132	21mm	Concave	Steel	3812182	36.5mm	Metric Cup	Steel	3813175	45mm	Metric Cup	Steel
3812152	25mm	Metric Cup	Steel	3813187	36.5mm	Metric Cup	Steel	3819024	45mm	Metric Cup	Brass
3812158	25mm	Metric Cup	Steel	3819020	36.5mm	Metric Cup	Brass	3812155	47mm	Metric Cup	Steel
3817152	25mm	Metric Cup	Brass	3812184	38mm	Metric Cup	Steel	3813170	50mm	Metric Cup	Steel
3817158	25mm	Metric Cup	Brass	3813085	38mm	Metric Cup	Steel	3813185	50mm	Metric Cup	Steel
3813191	26mm	Metric Cup	Steel	3811134	40mm	Concave	Steel	3819029	50mm	Metric Cup	Brass





DIGITAL DIAMOND PROFILED™ (DDP) PISTONS

Part #*	Material	Ring Pack	Applications	Pack Qty.
H345ACP	Sealed Power Hypereutectic	5/64, 5/64, 3/16	1970-1967 GM V8 350CI 5.7L Chevrolet; 1970-1969 GMT L/D V8 350CI 5.7L Chevrolet; MER V8 350CI 5.7L Chevrolet; VOM V8 350CI 5.7L Chevrolet	8
H345ACP 20				
H345ACP 30				
H345ACP 40				
H345ACP 60				
H345ACP 80				
H423ACP	Sealed Power Hypereutectic	5/64, 5/64, 3/16	1990-1972 GM V8 350CI 5.7L Chevrolet; 1995-1971 GMT L/D V8 350CI 5.7L Chevrolet; MER V8 350CI 5.7L Chevrolet	8
H423ACP 20				
H423ACP 30				
H423ACP 40				
H423ACP 60				
H423ACP 80				
H597ACP	Sealed Power Hypereutectic	2.0mm, 1.5mm, 4.0mm	1990 GM V8 350CI 5.7L Chevrolet; 1992-1991 GM V8 350CI 5.7L Chevrolet; 1993 GM V8 350CI 5.7L Chevrolet; 1997-1992 GM V8 350CI 5.7L HO Chevrolet	8
H597ACP 20				
H597ACP 30				
H597ACP 40				
H640ACP				
H640ACP 20				
H640ACP 30				
H640ACP 40				
H640ACP 60				
H645ACP 20	Sealed Power Hypereutectic	5/64, 5/64, 3/16	1991-1985 GM V6 262CI 4.3L Chevrolet; 1991-1985 GMT L/D V6 262CI 4.3L Chevrolet	6
H645ACP 30				
H645ACP 40				
H669ACP	Speed-Pro Hypereutectic	1.5mm, 1.5mm, 3.0mm	PERFORMANCE-Chevrolet 350; flat top, 2 reliefs; 9.58:1 with 64cc heads	8
H669ACP30				
H669ACP40				
H669ACP60				
H699ACP	Sealed Power Hypereutectic	1.5mm, 1.5mm, 3.0mm	2005-1996 GMT L/D V6 262CI 4.3L Chevrolet	6
H699ACP 20				
H699ACP 30				
H699ACP 40				
H699ACP 60				
H815ACP	Sealed Power Hypereutectic	1.5mm, 1.5mm, 3.0mm	2002-1996 GMT L/D V8 350CI 5.7L Chevrolet	8
H815ACP 20				
H815ACP 30				
H815ACP 40				
H815ACP 60				
8KH345ACP 30	Sealed Power Hypereutectic Set w/Premium Rings	5/64, 5/64, 3/16	1968-1967 GM V8 350CI 5.7L Bore 4.0000; 1970-1969 GM V8 350CI 5.7L Bore 4.0000; 1971 GM V8 350CI 5.7L Bore 4.0000; 1977-1972 GM V8 350CI 5.7L Bore 4.0000; 1981-1978 GM V8 350CI 5.7L Bore 4.0000; More - See Catalog	1 set
8KH345ACP 40				
8KH345ACP 60				
8KH423ACP	Sealed Power Hypereutectic Set w/Premium Rings	5/64, 5/64, 3/16	1979-1972 GM V8 350CI 5.7L Bore 4.0000; 1983-1982 GM V8 350CI 5.7L Bore 4.0000; 1985-1984 GM V8 350CI 5.7L Bore 4.0000; 1989-1986 GM V8 350CI 5.7L Bore 4.0000; 1990 GM V8 350CI 5.7L Bore 4.0000; More - See Catalog	1 set
8KH423ACP 30				
8KH423ACP 40				
8KH423ACP 60				
8KH669ACP 30	Speed-Pro Hypereutectic Set w/Premium Rings	1.5mm, 1.5mm, 3.0mm	PERFORMANCE-Chevrolet 350; flat top, 2 reliefs; 9.58:1 with 64cc heads	1 set
8KH815ACP 30	Sealed Power Hypereutectic Set w/Premium Rings	1.5mm, 1.5mm, 3.0mm	2002-1996 GMT L/D V8 350CI 5.7L Bore 4.0000	1 set
8KH815ACP 40				

* Country of origin: U.S.A.